Exhibit Summary

Description: The table below summarizes the attached laboratory analyses of stormwater collected from stormwater impoundments at dairy facilities. For wastewater quality data, refer to testimony associated with Section 20.6.2.3225 NMAC.

			Stormwater Quality Data Collected from Stormwater Impoundments at Dairy Facilities			
Dairy Facility	**Discharge Permit Number**	**sample collection date**	**total Kjeldahl nitrogen (mg/L)**	**chloride (mg/L)**	**total dissolved solids (mg/L)**	**nitrate-nitrogen (mg/L)**
D&G Dairy	633	November 13, 2000	347	data not reported	data not reported	0.2
J&M Dairy	765	February, 2, 2005	440	695	6380	ND
Cottonwood Springs Dairy I	734	March 19, 1992*	212	162	3056	ND

* Collection date was not provided, therefore this in the date the sample was submitted to the laboratory.

EXHIBIT
tabbies
3220-12

Advanced Analysis & Laboratory Services

SP-633
12-7-00 received

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

ANALYTICAL RESULTS FOR
B.E.S.T. I
ATTN: MARY BARRON
11 CAJUN COURT
ROSWELL, NM 88201
PHONE: (505) 622-7224
FAX: (505) 622-7019

Receiving Date: 11/15/00
Reporting Date: 11/24/00
Project Number: NOT GIVEN
Project Name: D & G DISCHARGE MONITORING
Project Location: D & G DAIRY

Sampling Date: 11/13/00
Sample Type: WELL H_2O
Sample Condition: COOL & INTACT
Sample Received By: MR
Analyzed By: MR, RH

LAB NUMBER	SAMPLE ID	TDS (mg/L)	Chlorides (mg/L)	TKN (mg/L)	NO_3-NO_2-N (mg/L)
ANALYSIS DATE:		11/20/00	11/20/00	11/18/00	11/16/00
AE3148-1	MW-1A	3050	12/10/00	01/00/00	16
AE3148-2	MW-2	2730	420	0.3	12.5
AE3148-3	MW-3	2640	180	< 0.2 *	6.9
AE3148-4	RETENTION BASIN	2340	190	128	0.3
AE3148-5	STORM H2O LAGOON	N/A	N/A	347	0.2
Quality Control		1014	51	4.8	0.3325
True Value QC		1000	50	5.0	0.3000
% IA		101	102	96	111
% EA		N/A	106	112	99
Relative Percent Difference		0	2	1	8
METHODS: EPA 600/4-79-020,		160.1	4500B	351.4	353.3

* Less than the Minimum Detection Limit.

Marie Rodriguez
Marie Rodriguez, Chemist

11/24/00
Date

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. Al 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 shal 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 o 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.

DP-765

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: 2/2/2005 **Time:** 17:45 **By:** KELSO
Sampling Location: STORMWATER LAGOON 4
Sample Type: ww

SLD No.: WC-200500241

Request ID No.:	2342859
Received at SLD:	2/4/2005
User:	55410
Subm:	541
WSS #:	0

FEB 2 5 2005

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 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
Nitrate + Nitrite	<0.1	mG/L	2/9/2005	353.2	0.1	1	0.1	Vince Speshock	
TKN	440	mG/L	2/9/2005	351.2	0.1	100	10	Jeff Robb	

DP-765

Laboratory Comments:

Reviewed by Chris Dean CD
Supervisor, Water Chemistry Section Date Printed: 18-Feb-05

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-765

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: 2/2/2005 **Time:** 17:45 **By:** KELSO
Sampling Location: STORMWATER LAGOON 4
Sample Type: ww

SLD No.: WC-200500253

Request ID No.:	2342858
Received at SLD:	2/4/2005
User:	55410
Subm:	541
WSS #:	0

APR 12 2005

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 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	695	mG/L	3/3/2005	300.0	10	10	10	Chris Dean	
TDS	6380	mG/L	2/8/2005	160.1	10	1	10	Chris Paul	

DP-765

Laboratory Comments:

Reviewed by Chris Dean
Supervisor, Water Chemistry Section

Date Printed: 06-Apr-05

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
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M - Result for this analyte equals or exceeds EPA action level
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W - Ion balance criteria exceeded
X - Daily control value <80% or >120% of theoretical value

.E OF NEW MEXICO DP-734 DEPARTMENT OF HEALTH
SCIENTIFIC LABORATORY DIVISION
P.O. Box 4700 700 Camino de Salud, NE
Albuquerque, NM 87196-4700 [505]-841-2500
WATER CHEMISTRY SECTION [505]-841-2555

April 20, 1992

Request
ID No. 015497

ANALYTICAL REPORT
SLD Accession No. WC-92-0582

Distribution
(_) User 55410
(■) Submitter 541
(※) SLD Files

To: P. Stevens
ED - Ground Water Section
ED Ground Water Bureau
1190 St. Francis Drive
Santa Fe, NM 87503

From: Water Chemistry Section
Scientific Laboratory Div.
700 Camino de Salud, NE
Albuquerque, NM 87106

Re: A water,Nonpres/No sample submitted to this laboratory on March 19, 1992

DEMOGRAPHIC DATA

COLLECTION		*LOCATION*
On: 0- -0	*By:* Ste . . .	Cottonwood Springs
At: 0:00 hrs.	*In/Near:* Eddy County	

ANALYTICAL RESULTS

Analysis	Value	D. Lmt.	Units
chloride	162.00		mG/L
total diss resid	3056.00		mG/L

Reviewed By: John A. Finney 04/14/92
Supervisor, Water Chemistry Section

DP-734 (pg.2

RECEIVED
APR 23 1992
GROUND WATER BUREAU

.TE OF NEW MEXICO DEPARTMENT OF HEALTH
SCIENTIFIC LABORATORY DIVISION
P.O. Box 4700 700 Camino de Salud, NE
Albuquerque, NM 87196-4700 [505]-841-2500
WATER CHEMISTRY SECTION [505]-841-2555

May 16, 1992

Request
ID No. 015496

ANALYTICAL REPORT
SLD Accession No. WC-92-0585

Distribution
(__) User 55410
(■) Submitter 541
(▒) SLD Files

To: P. Stevens.
ED - Ground Water Section
ED Ground Water Bureau
1190 St. Francis Drive
Santa Fe, NM 87503

From: Water Chemistry Section
Scientific Laboratory Div.
700 Camino de Salud, NE
Albuquerque, NM 87106

Re: A water,Pres/Nonfi sample submitted to this laboratory on March 19, 1992

DEMOGRAPHIC DATA

COLLECTION		*LOCATION*
On: 0- -0	*By:* Ste . . .	0 Cottonwood Springwood Lagoon
At: 0:00 hrs.	*In/Near:* Eddy County	

ANALYTICAL RESULTS

Analysis		Value	D. Lmt.	Units
nitrate+ite as N	<	0.04		mG/L
ammonia		157.00		mG/L
Kjeldahl N		212.00		mG/L

Reviewed By: JDR 05/16/92
John D. Ritts 05/16/92
Analyst, Water Chemistry Section

DP-734 (pg.1)

Cottonwood Spring Lagoon was at the time only a Runoff Lagoon
Inspection follow up letter confirms this is a sample collected from stormwater runoff pond

RECEIVED
MAY 21 1992
GROUND WATER BUREAU

Stormwater Runoff Quality Characteristics:

- Table: Beef Cattle Feedlot Runoff Characteristics – Agricultural Waste Management, 1974
- Stormwater analysis from sample collection in stormwater impoundments for several dairies in NM:
    - J & M Dairy, DP-765 – analysis of two stormwater samples collected from two stormwater impoundments on February 2, 2005.
    - Cottonwood Springs Dairy – analysis from samples collected from the stormwater impoundment during two separate sampling events, March 18, 1992 and February 2, 2005.
    - Greenfield Dairy, DP-633, (formerly D&G Dairy) – analysis of sample collected from the stormwater lagoon on November 13, 2000.

Agricultural Waste Management

PROBLEMS, PROCESSES, AND APPROACHES

Raymond C. Loehr
DEPARTMENT OF AGRICULTURAL ENGINEERING
CORNELL UNIVERSITY
ITHACA, NEW YORK

ACADEMIC PRESS New York and London 1974
A Subsidiary of Harcourt Brace Jovanovich, Publishers

Table 3.6

Beef Cattle Feedlot Runoff Characteristics

Location and condition	Total solids	Volatile solids	COD	BOD	TKN	NH_4—N	NO_3—N	Total N	Total P	Alkalinity	Ref.
				Concentration (mg/l)							
Nebraska											
Snowmelt runoff	—	—	41,000[a] (14,100–77,000)[b]	—	—	780 (6–2,020)	17 (0–280)	2,100 (190–6,530)	290 (5–920)	—	34
Rainfall runoff	—	—	3,100 (1,300–8,200)	—	—	140 (2–1,240)	10 (0–220)	920 (11–8,590)	360 (4–5,200)	—	34
Texas											
Dirt lots	—	—	9,500 (2,900–28,000)	1,460 (1,010–2,200)	128 (9–280)	56 (2–85)	23 (0–103)	—	—	730 (100–1,400)	35 (Aug.-Nov. 1969)
Concrete lots	—	—	21,500 (8,400–32,800)	8,000 (3,300–12,700)	550 (70–1,070)	350 (33–775)	220 (0–880)	—	—	1,250 (85–2,400)	35
Colorado	—	100–7,000	—	300–6,000	—	—	—	—	—	—	36
Kansas	10,000–25,000	—	4,000–40,000	1,000–11,000	200–450	—	—	—	—	—	37
Texas	3,100–28,880	—	1,440–16,320	1,075–3,450	—	4–173	0–2.3	—	21–223	—	38
				Areal yield rate (kg/ha/year)							
Nebraska											
Snowmelt runoff											
100 ft²/head											
1969	60,000	31,000	—	—	—	—	—	1,600	620	—	34
1970	1,100	770	—	—	—	—	—	100	10	—	
200 ft²/head											
1969	14,000	7,200	—	—	—	—	—	450	200	—	34
1970	640	450	—	—	—	—	—	360	60	—	
Rainfall runoff											
100 ft²/head											
1969	7,500	3,400	—	—	—	—	—	330	22	—	34
1970	27,000	16,000	—	—	—	—	—	900	130	—	
200 ft²/head											
1969	7,300	3,400	—	—	—	—	—	220	33	—	34
1970	18,000	10,000	—	—	—	—	—	350	70	—	
South Dakota[c]	10,500 (1,600–23,200)	4,900 (800–10,000)	7,200 (720–16,000)	1,560 (135–3,800)	510 (46–3,110)	—	—	—	130 (9–470)	—	39

[a] Average. [b] Range of values. [c] Runoff from beef feeding, dairy confinement, and lamb finishing operations.

DP-765

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: 2/2/2005 **Time:** 17:45 **By:** KELSO
Sampling Location: STORMWATER LAGOON 4
Sample Type: ww

SLD No.: WC-200500241

Request ID No.:	2342859
Received at SLD:	2/4/2005
User:	55410
Subm:	541
WSS #:	0

FEB 2 2005

This Copy of Report for:

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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
Nitrate + Nitrite	<0.1	mG/L	2/9/2005	353.2	0.1	1	0.1	Vince Speshock	
TKN	440	mG/L	2/9/2005	351.2	0.1	100	10	Jeff Robb	

DP-765
J and M Dairy

Laboratory Comments:

Reviewed by Chris Dean
Supervisor, Water Chemistry Section Date Printed: 18-Feb-05

Data Qualifier Codes and Definitions

A - See comments section below
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X - Daily control value <80% or >120% of theoretical value

DP-765

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: 2/2/2005 Time: 17:45 By: KELSO
Sampling Location: STORMWATER LAGOON 4
Sample Type: ww

SLD No.: WC-200500253

Request ID No.:	2342858
Received at SLD:	2/4/2005
User:	55410
Subm:	541
WSS #:	0

APR 12 2005

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 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	695	mG/L	3/3/2005	300.0	10	10	10	Chris Dean	
TDS	6380	mG/L	2/8/2005	160.1	10	1	10	Chris Paul	

DP-765
Jendm Dairy

Laboratory Comments:

Reviewed by Chris Dean
Supervisor, Water Chemistry Section Date Printed: 06-Apr-05

Data Qualifier Codes and Definitions

A - See comments section below
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X - Daily control value <80% or >120% of theoretical value

.TE OF NEW MEXICO DEPARTMENT OF HEALTH
SCIENTIFIC LABORATORY DIVISION
P.O. Box 4700 700 Camino de Salud, NE
Albuquerque, NM 87196-4700 [505]-841-2500
WATER CHEMISTRY SECTION [505]-841-2555

May 16, 1992

Request
ID No. 015496

ANALYTICAL REPORT
SLD Accession No. WC-92-0585

Distribution
(__) User 55410
(■) Submitter 541
(▒) SLD Files

To: P. Stevens.
ED - Ground Water Section
ED Ground Water Bureau
1190 St. Francis Drive
Santa Fe, NM 87503

From: Water Chemistry Section
Scientific Laboratory Div.
700 Camino de Salud, NE
Albuquerque, NM 87106

Re: A water,Pres/Nonfi sample submitted to this laboratory on March 19, 1992

DEMOGRAPHIC DATA

COLLECTION		*LOCATION*
On: 0- -0	*By:* Ste . . .	0 Cottonwood Springwood Lagoon
At: 0:00 hrs.	*In/Near:* Eddy County	

ANALYTICAL RESULTS

Analysis		Value	D. Lmt.	Units
nitrate+ite as N	<	0.04		mG/L
ammonia		157.00		mG/L
Kjeldahl N		212.00		mG/L

Reviewed By: JDR 05/16/92
John D. Ritts 05/16/92
Analyst, Water Chemistry Section

DP-734 (pg.1)

Cottonwood Spring Lagoon was at the time only a Runoff Lagoon. Inspection follow up letter confirms this is a sample collected from stormwater runoff pond

RECEIVED
MAY 21 1992
GROUND WATER BUREAU

.E OF NEW MEXICO DP-734 DEPARTMENT OF HEALTH

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700 700 Camino de Salud, NE
Albuquerque, NM 87196-4700 [505]-841-2500
WATER CHEMISTRY SECTION [505]-841-2555

April 20, 1992

Request
ID No. 015497

ANALYTICAL REPORT
SLD Accession No. WC-92-0582

Distribution
(_) User 55410
(■) Submitter 541
(※) SLD Files

To: P. Stevens
ED - Ground Water Section
ED Ground Water Bureau
1190 St. Francis Drive
Santa Fe, NM 87503

From: Water Chemistry Section
Scientific Laboratory Div.
700 Camino de Salud, NE
Albuquerque, NM 87106

Re: A water,Nonpres/No sample submitted to this laboratory on March 19, 1992

DEMOGRAPHIC DATA

COLLECTION		*LOCATION*
On: 0- -0	*By:* Ste . . .	Cottonwood Springs
At: 0:00 hrs.	*In/Near:* Eddy County	

ANALYTICAL RESULTS

Analysis	Value	D. Lmt.	Units
chloride	162.00		mG/L
total diss resid	3056.00		mG/L

Reviewed By:
John A. Finney 04/14/92
Supervisor, Water Chemistry Section

DP-734 (pg.2

RECEIVED
APR 23 1992
GROUND WATER BUREAU

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: 2/2/2005 **Time:** 11:00 **By:** KIRBY
Sampling Location: STORMWATER POND
Sample Type: wf

RECEIVED FEB 23 2005

SLD No.:	WC-200500237
Request ID No.:	2345041
Received at SLD:	2/4/2005
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 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
Nitrate + Nitrite	0.16	mG/L	2/9/2005	353.2	0.1	1	0.1	Vince Speshock	
TKN	384	mG/L	2/9/2005	351.2	0.1	100	10	Jeff Robb	

Laboratory Comments:

Reviewed by Chris Dean
Supervisor, Water Chemistry Section Date Printed: 18-Feb-05

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

Request ID No. WATER CHEMISTRY ANALYTICAL REQUEST FORM 2 SLD's Accession No.

2345041

WC

Scientific Laboratory Division
700 Camino de Salud, NE (P.O. Box 4700)
Albuquerque, NM 87106 (87196-4700)
Phone: 505-841-2500/-2555

WC

WC0500237

3 User Code: 5 5 4 1 0

Date & Time of Receipt at SLD: 05 FEB -4 PM 1:36

4 Sample Priority: ___ If 1 or 2 call SLD

5 Submitter Code: 5 4 1

WSS Code: ___-___

User's Site ID: ___

6 Sample Temp. Receipt @ SLD: 3 °C

7 Facility or WSS Name: DP734 COTTONWOOD SPRINGS DAIRY

Facility/WSS Location: If No WSS Code Complete 8, 9 & 10

8 County: Eddy KA ~~Chaves~~

9 City: Lake Arthur

10 State: or CHANGE NM TO ___

11 Sampling Location: ~~MW1~~ KA Stormwater Pond

12 Sample Collection: On: 2 / 2 / 05 (Date: MM / DD / YY) By: Kirby (Last Name)

At: 11 : 00 (Time: 24:00 Hour Clock) Kim (First Name)

13 Sample Info. Contact: Ph: [505] - 827 - 2778

If not collector, per box 12, Please print name here: ___

14 *Reports are mailed to the address specified by the Submitter Code and WSS Code (when present). However, if one of the following applies, please check ☒ appropriate boxes below and complete address form.*

☐ New Address for: ☐ Submitter ☐ WSS / Client

☐ Send an additional Report to →

Name: ___

Address: ___

City: ___ *State:* ___ *Zip:* ___

15 Field Data: *(When appropriate)*

Temperature: ___ °C; pH: ___; Conductivity: ___ umhos/cm

Chlorinated ? ☐ YES or ☐ NO (Please Check Box) Chlorine Residual: ___ mG/L

16 Field Remarks: *(Optional)*

17 Sample Type: *(Check ☒ only one)*

☐ Water, Non-Filtered ☐ WasteWater ☐ Sludge
☒ Water, Filtered ☐ Soil/Sediment ☐ Other: ___

18 Preservation: *(Check ☒ all that apply)*

☐ No Preservation ☒ pH to < 2 with H_2SO_4 ☐ Ascorbic Acid Added ☐ Other: ___
☒ Stored & Shipped at < 4°C ☐ pH to > 12 with NaOH

19 Analyses Requested: *Please Check ☒ the appropriate box(es) below to indicate your analytical request(s). Also, see the back of this form for description of group analyses & preservation footnotes [a, b, c & r]*

Group Analyses:

☐-(869) Nutrients Group *[a.r]*
☐-(892) Chloride & TDS *[r]*
☐-(888) TDS & TSS *[r]*
☐-(857) BOD & TSS *[r]*
☐-(860) Complete Secondary Group *[r]*
☐-(867) Major Anions & Cations Group *[r]*
☐-(852) Nitrate, TKN & Ammonia *[a.r]*
☒-(855) Nitrate & TKN *[a.r]*
☐-(859) SWQB SS Group *[r]*
☐-(868) SWQB NPS Group *[r]*
☐-(879) Hardness [Ca & Mg], as $CaCO_3$ *[r]*

Other parameter(s) as marked below:

☐-Nitrate + Nitrite, as N *[a.r]*
☐-Nitrite, as N *[r]*
☐-Free Cyanide, as CN *[b.r]*
☐-Total Cyanide, as CN *[b.c.r]*
☐-Cyanide Amenable to Chlorination *[b.c.r]*
☐-Fluoride, as F *[r]*
☐-Sulfate, as SO_4 *[r]*
☐-Total Suspended Solids *[r]*
☐-Total Organic Carbon *[a.r]*
☐-Oil & Grease *[a.r]*
☐-Other Request(s): ___

Remarks by Laboratory: ___

Advanced Analysis & Laboratory Services

DP-633
12-7-00 received

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

ANALYTICAL RESULTS FOR
B.E.S.T. I
ATTN: MARY BARRON
11 CAJUN COURT
ROSWELL, NM 88201
PHONE: (505) 622-7224
FAX: (505) 622-7019

Receiving Date: 11/15/00
Reporting Date: 11/24/00
Project Number: NOT GIVEN
Project Name: D & G DISCHARGE MONITORING
Project Location: D & G DAIRY

Sampling Date: 11/13/00
Sample Type: WELL H_2O
Sample Condition: COOL & INTACT
Sample Received By: MR
Analyzed By: MR, RH

LAB NUMBER	SAMPLE ID	TDS (mg/L)	Chlorides (mg/L)	TKN (mg/L)	NO_3-NO_2-N (mg/L)
ANALYSIS DATE:		11/20/00	11/20/00	11/18/00	11/16/00
AE3148-1	MW-1A	3050	12/10/00	01/00/00	16
AE3148-2	MW-2	2730	420	0.3	12.5
AE3148-3	MW-3	2640	180	< 0.2 *	6.9
AE3148-4	RETENTION BASIN	2340	190	128	0.3
AE3148-5	STORM H2O LAGOON	N/A	N/A	347	0.2
Quality Control		1014	51	4.8	0.3325
True Value QC		1000	50	5.0	0.3000
% IA		101	102	96	111
% EA		N/A	106	112	99
Relative Percent Difference		0	2	1	8
METHODS: EPA 600/4-79-020,		160.1	4500B	351.4	353.3

* Less than the Minimum Detection Limit.

Marie Rodriguez, Chemist

11/24/00
Date

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. Al 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 shal 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 o 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.