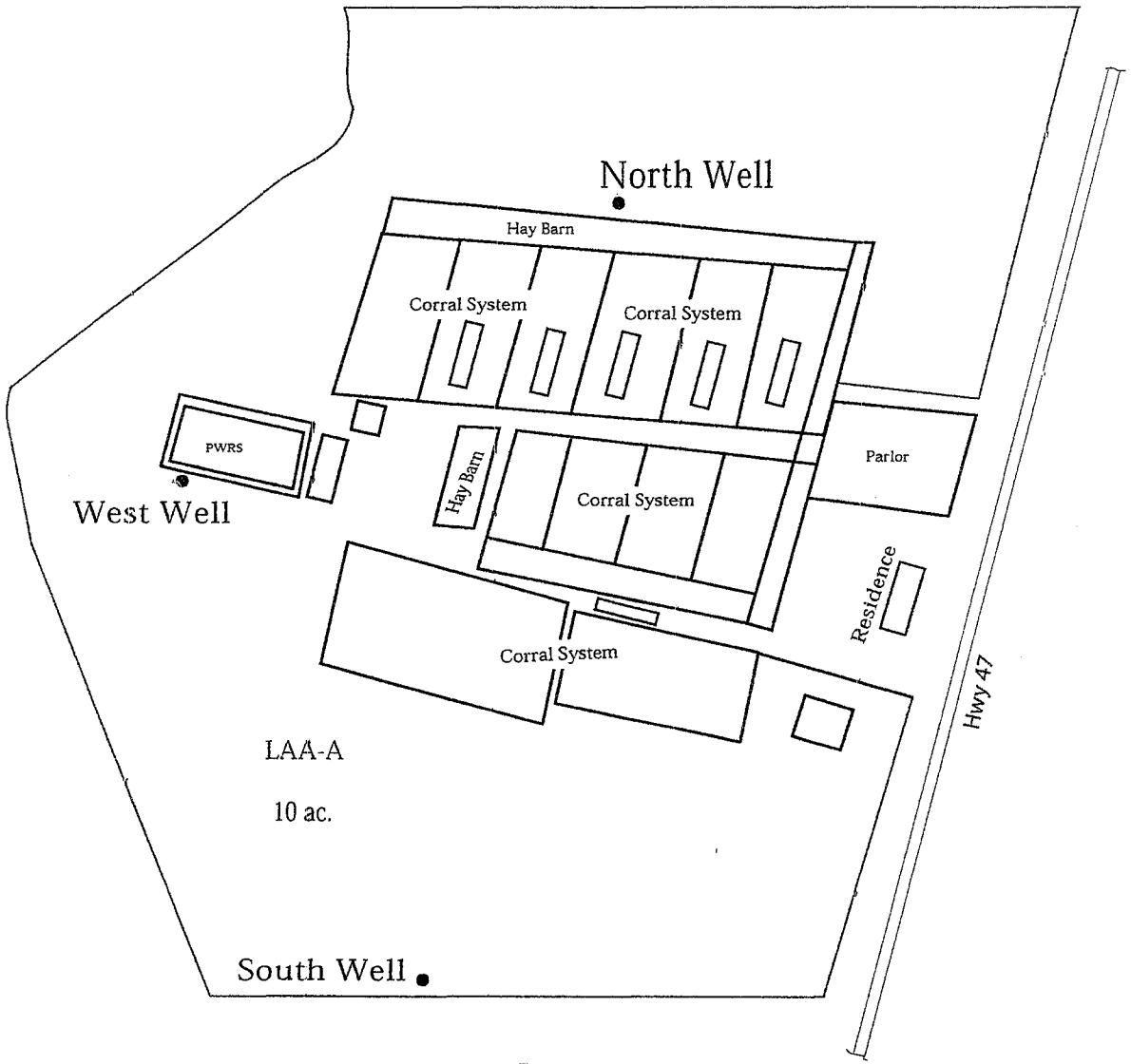

N

DP-1061

GROUND WATER

NOV 06 2008

BUREAU

Enviro Compliance Services, Inc.
Office: (505) 762-9674 Fax: (505) 762-3749
Providing Management Assistance for Environmental Compliance Since 1981

Title: Vergeer Dairy Overall Site Layout		DP-1061
Date: 7/31/2006	DWG/Doc Ref Not to Scale	Sheet No 1/1

10-23-09
DP-1026
M.S.

MS

ARSA
ARS ANALYTICAL, LLC
4301 Masthead NE | Albuquerque, New Mexico 87109 505.344.3777 | 505.345.8964

GROUND WATER

ENTERED

OCT 19 2009

BUREAU

Explanation of codes	
B	Analyte Detected in Method Blank
E	Result is Estimated
H	Analyzed Out of Hold Time
N	Tentatively Identified Compound
S	Subcontracted
1-9	See Footnote

VERGEER DAIRY
attn LOUIS VERGEER
3250 HWY 47
LOS LUNAS NM 87031

STANDARD

ARS Analytical, LLC

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: VERGEER DAIRY
Project:
Order: 09090361 VER01 Receipt: 09-15-09

FOR Elvin J. Chavez: President of ARS Analytical, LLC

Sample: NORTH WELL Collected: 09-15-09 10:00:00 By: LV
Matrix: GW

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
09090361-001A		SM 2540C					By:	JLE		
WTDS-09-132	WC.2009.2344.15	10-33-3	Total Dissolved Solids	560	mg/L	1	10		09-16-09	09-17-09
09090361-001B		EPA 300.0 Anions by IC					By:	SRM		
W09838	WC.2009.2378.20	16887-00-6	Chloride	44.1	mg/L	10	0.05		09-18-09	09-19-09
W09838	WC.2009.2378.20	14797-65-0	Nitrate, as N	ND	mg/L	10	0.05		09-18-09	09-19-09
09090361-001B		SM 4500-N & NH3B,C					By:	ECC		
W09893	WC.2009.2476.21	7727-37-9	Kjeldahl Nitrogen, Total	0.6	mg/L	1	0.2		10-01-09	10-02-09

Sample: SOUTH WELL Collected: 09-15-09 10:00:00 By: LV
Matrix: GW

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
09090361-002A		SM 2540C					By:	JLE		
WTDS-09-132	WC.2009.2344.11	10-33-3	Total Dissolved Solids	1320	mg/L	1	10		09-16-09	09-17-09
09090361-002B		EPA 300.0 Anions by IC					By:	SRM		
W09838	WC.2009.2378.22	16887-00-6	Chloride	162	mg/L	10	0.05		09-18-09	09-19-09
W09838	WC.2009.2378.22	14797-65-0	Nitrate, as N	ND	mg/L	10	0.05		09-18-09	09-19-09
09090361-002B		SM 4500-N & NH3B,C					By:	ECC		
W09897	WC.2009.2480.27	7727-37-9	Kjeldahl Nitrogen, Total	1.7	mg/L	1	0.2		10-02-09	10-02-09

Report Date: 10/2/2009 5:27:14 PM

4.28.09

ASSAIGAI ANALYTICAL LABORATORIES, INC.
4301 Masthead NE • Albuquerque, New Mexico 87109 • (505) 345-8964 • FAX (505) 345-7259

Melanie

GROUND V.
APR 28 20
BUREAU

VERGEER DAIRY DP-1021
attn: **LOUIS VERGEER**
3250 HWY 47
LOS LUNAS **NM 87031**

ENTERED

Explanation of codes	
B	*Analyte Detected in Method Blank*
E	*Result is Estimated*
H	*Analyzed Out of Hold Time*
N	*Tentatively Identified Compound*
S	*Subcontracted*
1-9	*See Footnote*

STANDARD

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **VERGEER DAIRY**
Project:
Order: **09040020** **VER01** Receipt: **04-01-09**

Tamara Pacheco for
William P. Blave: President of Assaigai Analytical Laboratories, Inc.

Sample: ***WEST WELL*** Collected: *04-01-09 9:30:00* By: *LV*
Matrix:

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
09040020-001A		**SM 2540C**					By:	JLE		
WTDS-09-046	WC.2009.825.9	10-33-3	Total Dissolved Solids	858	mg/L	1	10		04-02-09	04-03-09
09040020-001B		**EPA 300.0 Anions by IC**					By:	SRM		
W09278	WC.2009.836.35	16887-00-6	Chloride	74.4	mg/L	10	0.05		04-02-09	04-02-09
W09278	WC.2009.836.35	14797-65-0	Nitrate, as N	ND	mg/L	10	0.05		04-02-09	04-02-09
09040020-001B		**SM 4500-N & NH3B,C**					By:	CRC		
W09316	WC.2009.911.11	7727-37-9	Kjeldahl Nitrogen, Total	0.6	mg/L	1	0.2		04-13-09	04-14-09

Sample: ***NORTH WELL*** Collected: *04-01-09 9:30:00* By: *LV*
Matrix:

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
09040020-002A		**SM 2540C**					By:	JLE		
WTDS-09-046	WC.2009.825.11	10-33-3	Total Dissolved Solids	652	mg/L	1	10		04-02-09	04-03-09
09040020-002B		**EPA 300.0 Anions by IC**					By:	SRM		
W09278	WC.2009.836.37	16887-00-6	Chloride	42.1	mg/L	10	0.05		04-02-09	04-02-09
W09278	WC.2009.836.37	14797-65-0	Nitrate, as N	4.76	mg/L	10	0.05		04-02-09	04-02-09
09040020-002B		**SM 4500-N & NH3B,C**					By:	CRC		
W09316	WC.2009.911.13	7727-37-9	Kjeldahl Nitrogen, Total	1.5	mg/L	1	0.2		04-13-09	04-14-09

Report Date: 4/14/2009 11:20:58 AM

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GROUND WATER STANDARD

APR 2 8

BUREAU

Assalgal Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **VERGEER DAIRY**

Project:

Order: **09040020** **VER01** Receipt: **04-01-09**

Sample: ***SOUTH WELL*** Collected: *04-01-09 9:30:00* By: *LV*

Matrix:

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
09040020-003A		**SM 2540C**					By:	JLE		
WTDS-09-046	WC.2009.825.8	10-33-3	Total Dissolved Solids	1090	mg/L	1	10		04-02-09	04-03-09
09040020-003B		**EPA 300.0 Anions by IC**					By:	SRM		
W09278	WC.2009.836.39	16887-00-6	Chloride	108	mg/L	10	0.05		04-02-09	04-02-09
W09278	WC.2009.836.39	14797-65-0	Nitrate, as N	ND	mg/L	10	0.05		04-02-09	04-02-09
09040020-003B		**SM 4500-N & NH3B,C**					By:	CRC		
W09316	WC.2009.911.14	7727-37-9	Kjeldahl Nitrogen, Total	1.6	mg/L	1	0.2		04-13-09	04-14-09

Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, ie result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or foonotes will appear below.

Analytical results are not corrected for method blank or field blank contamination.

JA

AIGAI
ALYTICAL
ABORATORIES, INC.

4301 Masthead NE • Albuquerque, New Mexico 87109 • (505) 345-8964 • FAX (505) 345-7259

P.O. Box 90430 • Albuquerque, New Mexico 87199 • (800) 447-0327

Explanation of codes	
B	Analyte Detected In Method Blank
E	Result is Estimated
H	Analyzed Out of Hold Time
N	Tentatively Identified Compound
S	Subcontracted
1-9	See Footnote

VERGEER DAIRY
attn: LOUIS VERGEER
3250 HWY 47
LOS LUNAS NM 87031

STANDARD

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: VERGEER DAIRY
Project:
Order: 09010093 VER01 Receipt: 01-07-09

Tamara Pacheco for
William P. Bieva: President of Assaigai Analytical Laboratories, Inc.

Sample: *WEST WELL* Collected: *01-07-09 10:00:00* By: *LV*
Matrix:

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
		EPA 160.1 Total Dissolved Solids					By: JLE			
09010093-001A										
WTDS-09-003	WC.2009.109.13	10-33-3	Total Dissolved Solids	794	mg/L	1	10		01-12-09	01-13-09
		EPA 300.0 Anions by IC					By: SRM			
09010093-001A										
W09017	WC.2009.76.39	16887-00-6	Chloride	78.8	mg/L	10	0.05		01-07-09	01-08-09
W09017	WC.2009.76.39	14797-65-0	Nitrate, as N	< 0.500	mg/L	10	0.05		01-07-09	01-08-09
		SM 4500-N & NH3B,C					By: CRC			
09010093-001B										
W09045	WC.2009.146.8	7727-37-9	Kjeldahl Nitrogen, Total	0.5	mg/L	1	0.2		01-15-09	01-16-09

Sample: *NORTH WELL* Collected: *01-07-09 10:00:00* By: *LV*
Matrix:

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
		EPA 160.1 Total Dissolved Solids					By: JLE			
09010093-002A										
WTDS-09-003	WC.2009.109.15	10-33-3	Total Dissolved Solids	617	mg/L	1	10		01-12-09	01-13-09
		EPA 300.0 Anions by IC					By: SRM			
09010093-002A										
W09017	WC.2009.76.41	16887-00-6	Chloride	41.6	mg/L	10	0.05		01-07-09	01-08-09
W09017	WC.2009.76.41	14797-65-0	Nitrate, as N	0.650	mg/L	10	0.05		01-07-09	01-08-09
		SM 4500-N & NH3B,C					By: CRC			
09010093-002B										
W09045	WC.2009.146.9	7727-37-9	Kjeldahl Nitrogen, Total	1.1	mg/L	1	0.2		01-15-09	01-16-09

Report Date: 1/16/2009 1:45:59 PM

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JAN-23-2009 08:06A FROM: TO:15058272965 P.1

GROUND WATER

NOV 0 6 2008

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P.O. Box 90430 • Albuquerque, New Mexico 87199 • (800) 447-0327

Explanation of codes	
B	*Analyte Detected in Method Blank*

Sample: ***SOUTH WELL*** Collected: *10-07-08 10:00:00* By: *LV*

Matrix:

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08100157-003A		EPA 160.1 Total Dissolved Solids						By: TRM		
WTDS-08-123	WC.2008.2531.7	10-33-3	Total Dissolved Solids	1540	mg/L	1	10		10-09-08	10-10-08
08100157-003A		EPA 300.0 Anions by IC						By: LNS		
W08926	WC.2008.2532.27	16887-00-6	Chloride	228	mg/L	100	0.05		10-09-08	10-09-08
W08916	WC.2008.2516.17	14797-65-0	Nitrate, as N	ND	mg/L	10	0.05		10-07-08	10-07-08
08100157-003B		SM 4500-N & NH3B,C						By: ECC		
W08971	WC.2008.2656.16	7727-37-9	Kjeldahl Nitrogen, Total	1.4	mg/L	1	0.2		10-22-08	10-22-08

Sample: ***WEST WELL*** Collected: *10-07-08 10:00:00* By: *LV*

Matrix:

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08100157-001A		EPA 160.1 Total Dissolved Solids						By: TRM		
WTDS-08-123	WC.2008.2531.10	10-33-3	Total Dissolved Solids	890	mg/L	1	10		10-09-08	10-10-08
08100157-001A		EPA 300.0 Anions by IC						By: LNS		
W08916	WC.2008.2516.15	16887-00-6	Chloride	82.8	mg/L	10	0.05		10-07-08	10-07-08
W08916	WC.2008.2516.15	14797-65-0	Nitrate, as N	ND	mg/L	10	0.05		10-07-08	10-07-08
08100157-001B		SM 4500-N & NH3B,C						By: ECC		
W08971	WC.2008.2656.14	7727-37-9	Kjeldahl Nitrogen, Total	0.5	mg/L	1	0.2		10-22-08	10-22-08

Sample: ***NORTH WELL*** Collected: *10-07-08 10:00:00* By: *LV*

Matrix:

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
08100157-002A		EPA 160.1 Total Dissolved Solids						By: TRM		
WTDS-08-123	WC.2008.2531.12	10-33-3	Total Dissolved Solids	681	mg/L	1	10		10-09-08	10-10-08
08100157-002A		EPA 300.0 Anions by IC						By: LNS		
W08916	WC.2008.2516.16	16887-00-6	Chloride	45.9	mg/L	10	0.05		10-07-08	10-07-08
W08916	WC.2008.2516.16	14797-65-0	Nitrate, as N	2.41	mg/L	10	0.05		10-07-08	10-07-08
08100157-002B		SM 4500-N & NH3B,C						By: ECC		
W08971	WC.2008.2656.16	7727-37-9	Kjeldahl Nitrogen, Total	0.9	mg/L	1	0.2		10-22-08	10-22-08

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127 Eastgate Drive, 212-C • Los Alamos, New Mexico 87544 • (505) 662-2558

Explanation of codes	
B	*Analyte Detected in Method Blank*
E	*Result Is Estimated*
H	*Analyzed Out of Hold Time*
N	*Tentatively Identified Compound*
S	*Subcontracted*
1-9	*See Footnote*

VERGEER DAIRY
attn: **LOUIS VERGEER**
3250 HWY 47
LOS LUNAS NM 87031

STANDARD

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **VERGEER DAIRY**
Project:
Order: **0610048 VER01** Receipt: **10-03-06**

William P. Stone, President of Assaigai Analytical Laboratories, Inc.

Sample: ***LAGOON*** Collected: *10-03-06 8:30:00* By: *LV*
Matrix:

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0610048-0001A		**SM 4500-N & NH3B,C**						By: ECC		
W06842	WC.2006.2558.15	7727-37-9	Kjeldahl Nitrogen, Total	48.6	mg/L	25	0.2		10-18-06	10-18-06
0610048-0001B		**EPA 160.1 Total Dissolved Solids**						By: MJN		
WTDS-06-111	WC.2006.2489.16	10-33-3	Total Dissolved Solids	1820	mg/L	1	10		10-09-06	10-10-06
0610048-0001B		**EPA 300.0 Anions by IC**						By: JTK		
W06792	WC.2006.2468.4	16887-00-6	Chloride	183	mg/L	50	0.05		10-04-06	10-04-06
W06792	WC.2006.2468.7	14797-65-0	Nitrate, as N	ND	mg/L	5	0.05		10-04-06	10-04-06

Sample: ***NORTH WELL*** Collected: *10-03-06 10:00:00* By: *LV*
Matrix:

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0610048-0002A		**SM 4500-N & NH3B,C**						By: ECC		
W06842	WC.2006.2558.18	7727-37-9	Kjeldahl Nitrogen, Total	1.2	mg/L	1	0.2		10-18-06	10-18-06
0610048-0002B		**EPA 160.1 Total Dissolved Solids**						By: MJN		
WTDS-06-111	WC.2006.2489.13	10-33-3	Total Dissolved Solids	694	mg/L	1	10		10-09-06	10-10-06
0610048-0002B		**EPA 300.0 Anions by IC**						By: JTK		
W06792	WC.2006.2468.9	16887-00-6	Chloride	62.2	mg/L	5	0.05		10-04-06	10-04-06
W06792	WC.2006.2468.9	14797-65-0	Nitrate, as N	5.10	mg/L	5	0.05		10-04-06	10-04-06

Report Date: 10/18/2006 4:09:47 PM

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127 Eastgate Drive, 212-C • Los Alamos, New Mexico 87544 • (505) 662-2558

Explanation of codes	
B	Analyte Detected in Method Blank
E	Result is Estimated
H	Analyzed Out of Hold Time
N	Tentatively Identified Compound
S	Subcontracted
1-9	See Footnote

VERGEER DAIRY
attn: LOUIS VERGEER
3250 HWY 47
LOS LUNAS NM 87031

STANDARD

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: **VERGEER DAIRY**
Project:
Order: **0604188** **VER01** Receipt: **04-10-06**

William P. Biava: President of Assaigai Analytical Laboratories, Inc.

Sample: ***LAGOON*** Collected: *04-10-06 10:00:00* By: *LV*
Matrix: ***WW***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0604188-0001A		**SM 4500-N & NH3B,C**					By:	ECC		
W06273	WC 2006.917.26	7727-37-9	Kjeldahl Nitrogen, Total	137	mg/L	100	0.2		04-11-06	04-12-06
0604188-0001B		**EPA 160.1 Total Dissolved Solids**					By:	MJN		
WTDS-06-036	WC.2006.926.6	10-33-3	Total Dissolved Solids	1190	mg/L	1	10		04-11-06	04-13-06
0604188-0001B		**EPA 300.0 Anions by IC**					By:	JTK		
W06271	WC.2006.910.24	16887-00-6	Chloride	137	mg/L	10	0.05		04-10-06	04-10-06
W06271	WC.2006.910.24	14797-65-0	Nitrate, as N	ND	mg/L	10	0.05		04-10-06	04-10-06

Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, ie result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or foonotes will appear below.

Analytical results are not corrected for method blank or field blank contamination.

3.29' 1.18'
3' 3½" 1' 2¼"

4-10-06 DRAINED LAGOON FROM 39½" TO 14¼"

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Report Date: 4/13/2006 4:07:18 PM

STANDARD

GROUND WATER

NOV 01 2005

BUREAU

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight)

lient: VERGEER DAIRY

roject:

rder: 0510240 VER01 Receipt: 10-13-05

ample: *LAGOON* Collected: *10-13-05 10:30:00* By:

latrix:

C Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
510240-0004A		SM 4500-N & NH3B,C					By:	ECC		
'05793	WC.2005.2799.24	7727-37-9	Kjeldahl Nitrogen, Total	177	mg/L	250	0.2		10-18-05	10-19-05
510240-0004B		EPA 160.1 Total Dissolved Solids					By:	MJN		
TDS-05-119	WC.2005.2785.6	10-33-3	Total Dissolved Solids	1740	mg/L	1	10		10-17-05	10-18-05
510240-0004B		EPA 300.0 Anions by IC					By:	JTK		
05778	WC.2005.2767.14	16887-00-6	Chloride	188	mg/L	10	0.05		10-14-05	10-14-05
05778	WC.2005.2767.14	14797-65-0	Nitrate, as N	ND	mg/L	10	0.05		10-14-05	10-14-05

Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, ie result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or foonotes will appear below.

Analytical results are not corrected for method blank or field blank contamination.

10-13-05 DRAINED LAGOON FROM "38 TO "12 1/2

ENTERED

ASSAIGAI
ANALYTICAL
LABORATORIES, INC.
4301 Masthead NE • Albuquerque, New Mexico 87109 • (505) 345-8964 • FAX (505) 345-7259
3332 Wedgewood, Ste. N • El Paso, Texas 79925 • (915) 593-6000 • FAX (915) 593-7820
127 Eastgate Drive, 212-C • Los Alamos, New Mexico 87544 • (505) 662-2558

Explanation of codes

B	*Analyte Detected in Method Blank*
E	*Result is Estimated*
H	*Analyzed Out of Hold Time*
N	*Tentatively Identified Compound*
S	*Subcontracted*
1-9	*See Footnote*

VERGEER DAIRY
attn: LOUIS VERGEER
3250 HWY 47
LOS LUNAS NM 87031

STANDARD

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: VERGEER DAIRY
Project
Order 0504351 VER01 Receipt: 04-18-05

William P. Barva: President of Assaigai Analytical Laboratories, Inc

Sample: *LAGOON* Collected: *04-18-05 7:00:00* By: *LV*
Matrix: *WW*

Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
		EPA 300.0 Anions by IC					By:	JTK		
0504351-04A									05-06-05	05-07-05
W05357	WC.2005.1259.38	16887-00-6	Chloride	217	mg/L	50	0.05		04-29-05	04-30-05
W05338	WC.2005.1194.25	14797-65-0	Nitrate, as N	ND	mg/L	10	0.05			
		SM 4500-N & NH3B,C					By:	JPH		
0504351-04A									05-04-05	05-05-05
W05351	WC.2005.1217.18	7727-37-9	Kjeldahl Nitrogen, Total	339	mg/L	250	0.2			
		EPA 160.1 Total Dissolved Solids					By:	EHR		
0504351-04B									04-22-05	04-29-05
WTDS-05-045	WC.2005.1180.4	10-33-3	Total Dissolved Solids	3700	mg/L	1	10			

Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected, ie result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or footnotes will appear below.

Analytical results are not corrected for method blank or field blank contamination.

10/06/05 07:27pm p. 001

DP-1061

ASSAIGAI ANALYTICAL LABORATORIES, INC.
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Explanation of codes	
B	Analyte Detected in Method Blank
E	Result is Estimated
H	Analyzed Out of Hold Time
M	Tentatively Identified Compound
S	Subcontracted
1-9	See Footnote

VERGEER DAIRY
attn: LOUIS VERGEER
3250 HWY 47
LOS LUNAS NM 87031

STANDARD

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

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Client: VERGEER DAIRY
Project:
Order: 0610048 VER01 Receipt: 10-03-06

William P. Smith, President of Assaigai Analytical Laboratories, Inc.

Sample: *LAGOON* Collected: *10-03-06 8:30:00* By: *LV*
Matrix:

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0610048-0001A		SM 4500-N & NH3B,C					By:	ECC		
W06842	WC.2006.2558.19	7727-37-9	Kjeldahl Nitrogen, Total	48.6	mg/L	25	0.2		10-18-06	10-18-06
0610048-0001B		EPA 160.1 Total Dissolved Solids					By:	MJN		
WTDS-06-111	WC.2006.2469.16	10-33-3	Total Dissolved Solids	1820	mg/L	1	10		10-09-06	10-10-06
0610048-0001B		EPA 300.0 Anions by IC					By:	JTK		
W06792	WC.2006.2469.4	16887-00-6	Chloride	183	mg/L	50	0.05		10-04-06	10-04-06
W06792	WC.2006.2469.7	14797-65-0	Nitrate, as N	ND	mg/L	5	0.05		10-04-06	10-04-06

Sample: *NORTH WELL* Collected: *10-03-06 10:00:00* By: *LV*
Matrix:

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0610048-0002A		SM 4500-N & NH3B,C					By:	ECC		
W06842	WC.2006.2558.18	7727-37-9	Kjeldahl Nitrogen, Total	1.2	mg/L	1	0.2		10-18-06	10-18-06
0610048-0002B		EPA 160.1 Total Dissolved Solids					By:	MJN		
WTDS-06-111	WC.2006.2469.13	10-33-3	Total Dissolved Solids	694	mg/L	1	10		10-09-06	10-10-06
0610048-0002B		EPA 300.0 Anions by IC					By:	JTK		
W06792	WC.2006.2469.9	16887-00-6	Chloride	62.2	mg/L	5	0.05		10-04-06	10-04-06
W06792	WC.2006.2469.9	14797-65-0	Nitrate, as N	5.10	mg/L	5	0.05		10-04-06	10-04-06

mg.

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Report Date: 10/18/2006 4:09:47 PM

WW - Lowest

DP-1061

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LABORATORIES, INC.
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127 Eastgate Drive, 212-C • Los Alamos, New Mexico 87544 • (505) 662-2558

Explanation of codes

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E	*Result is Estimated*
H	*Analyzed Out of Hold Time*
N	*Tentatively Identified Compound*
S	*Subcontracted*
1-9	*See Footnote*

VERGEER DAIRY
attn: LOUIS VERGEER
3250 HWY 47
LOS LUNAS NM 87031

STANDARD

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e. - Dry Weight).

Client: VERGEER DAIRY
Project:
Order 0504351 VER01 Receipt: 04-18-05

William P. Beck · President of Assaigai Analytical Laboratories, Inc

Sample: *LAGOON* Collected: *04-18-05 7:00:00* By: *LV*
Matrix: *WW*

Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
							By:	JTK		
0504351-04A		EPA 300.0 Anions by IC								
W05357	WC.2005.1259.38	16887-00-6	Chloride	217	mg/L	50	0.05		05-06-05	05-07-05
W05338	WC.2005.1194.25	14797-65-0	Nitrate, as N	ND	mg/L	10	0.05		04-29-05	04-30-05
							By:	JPH		
0504351-04A		SM 4500-N & NH3B,C								
W05351	WC.2005.1217.18	7727-37-9	Kjeldahl Nitrogen, Total	339	mg/L	250	0.2		05-04-05	05-05-05
							By:	EHR		
0504351-04B		EPA 160.1 Total Dissolved Solids								
WTDS-05-045	WC.2005.1180.4	10-33-3	Total Dissolved Solids	3700	mg/L	1	10		04-22-05	04-29-05

Unless otherwise noted, all samples were received in acceptable condition and all sampling was performed by client or client representative. Sample result of ND indicates Not Detected. ie result is less than the sample specific Detection Limit. Sample specific Detection Limit is determined by multiplying the sample Dilution Factor by the listed Reporting Detection Limit. All results relate only to the items tested. Any miscellaneous workorder information or footnotes will appear below.

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10/05/05 07:27pm P. 001

WW- Highest

DP-1061

STANDARD

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

All samples are reported on an "as received" basis, unless otherwise noted (i.e.- Dry Weight).

Client: **VERGEER DAIRY**

Project:

Order: **0507178** **VER01** Receipt: **07-12-05**

Sample: ***SOUTH WELL*** Collected: *07-12-05 9:00:00* By: *LV*

Matrix:

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0507178-03A		**SM 4500-N & NH3B,C**					By:	JPH		
W05578	WC.2005.2070.8	7727-37-9	Kjeldahl Nitrogen, Total	2.0	mg/L	5	0.2		07-30-05	08-01-05
0507178-03B		**EPA 160.1 Total Dissolved Solids**					By:	JPH		
WTDS05077	WC.2005.1939.16	10-33-3	Total Dissolved Solids	325	mg/L	1	10		07-13-05	07-15-05
0507178-03B		**EPA 300.0 Anions by IC**					By:	JTK		
W05528	WC.2005.1919.18	16887-00-6	Chloride	79.7	mg/L	10	0.05		07-13-05	07-14-05
W05528	WC.2005.1919.18	14797-65-0	Nitrate, as N	1.34	mg/L	10	0.05		07-13-05	07-14-05

Sample: ***NORTH WELL*** Collected: *07-12-05 9:00:00* By: *LV*

Matrix:

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0507178-01A		**SM 4500-N & NH3B,C**					By:	JPH		
W05578	WC.2005.2070.7	7727-37-9	Kjeldahl Nitrogen, Total	2.9	mg/L	5	0.2		07-30-05	08-01-05
0507178-01B		**EPA 160.1 Total Dissolved Solids**					By:	JPH		
WTDS05077	WC 2005.1939.14	10-33-3	Total Dissolved Solids	594	mg/L	1	10		07-13-05	07-15-05
0507178-01B		**EPA 300.0 Anions by IC**					By:	JTK		
W05528	WC.2005 1919.14	16887-00-6	Chloride	147	mg/L	10	0.05		07-13-05	07-14-05
W05528	WC.2005.1919.14	14797-65-0	Nitrate, as N	26.5	mg/L	10	0.05		07-13-05	07-14-05

Sample: ***WEST WELL*** Collected: *07-12-05 9:00:00* By: *LV*

Matrix:

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0507178-02A		**SM 4500-N & NH3B,C**					By:	JPH		
W05578	WC.2005 2070.4	7727-37-9	Kjeldahl Nitrogen, Total	0.8	mg/L	1	0.2		07-30-05	08-01-05
0507178-02B		**EPA 160.1 Total Dissolved Solids**					By:	JPH		
WTDS05077	WC.2005 1939.15	10-33-3	Total Dissolved Solids	373	mg/L	1	10		07-13-05	07-15-05
0507178-02B		**EPA 300.0 Anions by IC**					By:	JTK		
W05528	WC.2005.1919.16	16887-00-6	Chloride	85.8	mg/L	10	0.05		07-13-05	07-14-05
W05528	WC.2005 1919 16	14797-65-0	Nitrate, as N	ND	mg/L	10	0.05		07-13-05	07-14-05

RECEIVED BY DATE 8-11-05

SQL Coyote: Reports 1.4.050722090200

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Report Date 8/1/2005 5:12:09 PM

GW - Highest Upgradient

DP-1061

NOV 20 2001

GROUND WATER BUREAU

ASSAIGAI ANALYTICAL LABORATORIES, INC.

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Explanation of codes

B	*analyte detected in Method Blank*
E	*result is estimated*
H	*analyzed out of hold time*
N	*tentatively identified compound*
S	*subcontracted*
1-9	*see footnote*

VERGEER DAIRY
attn: **LOUIS VERGEER**
3250 HWY 47
LOS LUNAS NM 87031

STANDARD

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

Client: **VERGEER DAIRY**

Project:

Order: **0110338** **VER01** Receipt: **10-24-01**

William P. Biava: President of Assaigai Analytical Laboratories, Inc.

Sample: ***LAGOON*** Collected: *10-24-01 9:00:00* By: *PV*

Matrix: ***WW***

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0110338-01A		**EPA 160.1**					By:	NL		
TD0156	TT.2001.2735.10		Total Dissolved Solids	1100	mg / L	1	10		10-29-01	10-29-01
0110338-01A		**EPA 300.0**					By:	MDE		
W01332	MW.2001.1578.16	16887-00-6	Chloride	144	mg / L	10	0.05		10-25-01	10-25-01
W01332	MW.2001.1578.16	14797-65-0	Nitrate, as N	0.62	mg / L	10	0.05		10-25-01	10-25-01
W01332	MW.2001.1578.16	14797-55-8	Nitrite, as N	ND	mg / L	10	0.05		10-25-01	10-25-01
0110338-01B		**SM 4500-N & NH3B,C**					By:	RC		
W01347	MW.2001.1624.8		Kjeldahl Nitrogen, Total	28.3	mg / L	25	0.2		11-06-01	11-07-01

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10-20-01 DRAINED LAGOON FROM "42 TO "12
LAGOON SIZE 188' X 108'

STANDARD

Assaigai Analytical Laboratories, Inc.

Certificate of Analysis

NOV 2 0 2001

GROUND WATER BUREAU

Client: VERGEER DAIRY

Project:

Order: 0110338 VER01 Receipt: 10-24-01

Sample: *WEST WELL* Collected: *10-24-01 9:30:00* By: *PV*

Matrix: *W*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0110338-03A		EPA 160.1					By:	NL		
TD0157	TT.2001.2766.5		Total Dissolved Solids	725	mg / L	1	10		10-31-01	10-31-01
0110338-03A		EPA 300.0					By:	MDE		
W01332	MW.2001.1578.18	16887-00-6	Chloride	78.5	mg / L	10	0.05		10-25-01	10-25-01
W01332	MW.2001.1578.18	14797-65-0	Nitrate, as N	ND	mg / L	10	0.05		10-25-01	10-25-01
W01332	MW.2001.1578.18	14797-55-8	Nitrite, as N	ND	mg / L	10	0.05		10-25-01	10-25-01
0110338-03B		SM 4500-N & NH3B,C					By:	RC		
W01347	MW.2001.1624.11		Kjeldahl Nitrogen, Total	1.6	mg / L	5	0.2		11-06-01	11-07-01

Sample: *SOUTH WELL* Collected: *10-24-01 9:30:00* By: *PV*

Matrix: *W*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0110338-04A		EPA 160.1					By:	NL		
TD0157	TT.2001.2766.6		Total Dissolved Solids	841	mg / L	1	10		10-31-01	10-31-01
0110338-04A		EPA 300.0					By:	MDE		
W01332	MW.2001.1578.19	16887-00-6	Chloride	80.5	mg / L	10	0.05		10-25-01	10-25-01
W01332	MW.2001.1578.19	14797-65-0	Nitrate, as N	5.02	mg / L	10	0.05		10-25-01	10-25-01
W01332	MW.2001.1578.19	14797-55-8	Nitrite, as N	ND	mg / L	10	0.05		10-25-01	10-25-01
0110338-04B		SM 4500-N & NH3B,C					By:	RC		
W01347	MW.2001.1624.13		Kjeldahl Nitrogen, Total	1.0	mg / L	1	0.2		11-06-01	11-07-01

Sample: *NORTH WELL* Collected: *10-24-01 9:30:00* By: *PV*

Matrix: *W*

QC Group	Run Sequence	CAS #	Analyte	Result	Units	Dilution Factor	Detection Limit	Code	Prep Date	Run Date
0110338-02A		EPA 160.1					By:	NL		
TD0157	TT.2001.2766.4		Total Dissolved Solids	719	mg / L	1	10		10-31-01	10-31-01
0110338-02A		EPA 300.0					By:	MDE		
W01332	MW.2001.1578.17	16887-00-6	Chloride	61.6	mg / L	10	0.05		10-25-01	10-25-01
W01332	MW.2001.1578.17	14797-65-0	Nitrate, as N	5.02	mg / L	10	0.05		10-25-01	10-25-01
W01332	MW.2001.1578.17	14797-55-8	Nitrite, as N	ND	mg / L	10	0.05		10-25-01	10-25-01
0110338-02B		SM 4500-N & NH3B,C					By:	RC		
W01347	MW.2001.1624.10		Kjeldahl Nitrogen, Total	1.8	mg / L	1	0.2		11-06-01	11-07-01

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