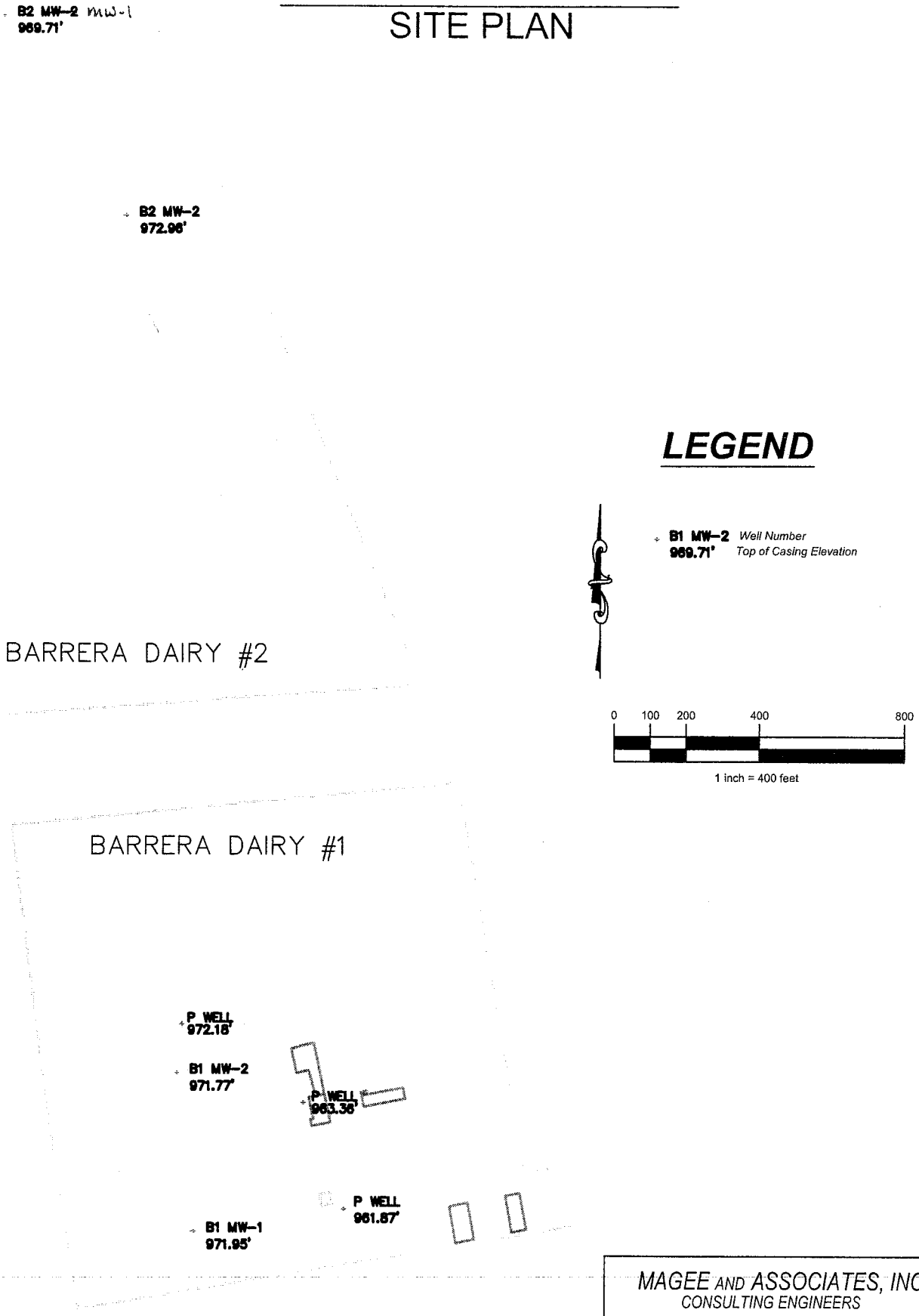
DP-380

BARRERA DAIRY

SITE PLAN



MAGEE AND ASSOCIATES, INC.
CONSULTING ENGINEERS

DRAWN BY: JKW	SCALE: 1" = 500'

DP-380

InterLab

Certificate of Analyses
No. 340156

Project Information

Client: Magee & Associates
Project Name: Barerra Dairy
Project Location: Las Cruces, NM

Project Manager: Marvin Magee
Project ID: N/A

Sample ID: Please see below
Lab ID No.: 340156
Date Sampled: Mar-30-04
Sample Matrix: Water
Date Analyzed: Apr-1-04

Sample Depth: N/A
Preservative: H_2SO_4
Date Received: Mar-30-04 4:09 PM
Analyst: G.V.

Sample ID	*Sample Location*	*Parameter*	*Test Method*	*L.O.Q. **	*Final Results*	*Units ***
01	B2 MW-1	Nitrate (as N)	SM 4500-NO3-Emod	0.1	**1.7**	mg/L
02	B2 MW-2	Nitrate (as N)	SM 4500-NO3-Emod	0.1	**1.2**	mg/L
03	B1 MW-2	Nitrate (as N)	SM 4500-NO3-Emod	0.1	**0.7**	mg/L
04	B1 MW-1	Nitrate (as N)	SM 4500-NO3-Emod	0.1	**0.8**	mg/L
05	Wastewater	Nitrate (as N)	SM 4500-NO3-Emod	0.1	**17.0**	mg/L

ND = BQL = Below Quantitation Limit.

* L.O.Q. = Limits of Quantitation.

** Units = Units for Measurement of Results and L.O.Q.

Gracy K. Varughese
Gracy K. Varughese
Chief Analyst

InterLab

Certificate of Analyses
No. 340156

Project Information

Client: Magee & Associates
Project Name: Barerra Dairy
Project Location: Las Cruces, NM

Project Manager: Marvin Magee
Project ID: N/A

Sample ID: Please see below
Lab ID No.: 340156
Date Sampled: Mar-30-04
Sample Matrix: Water
Date Analyzed: Apr-1-04

Sample Depth: N/A
Preservative: Ice
Date Received: Mar-30-04 4:09 PM
Analyst: G.V.

Sample ID	*Sample Location*	*Parameter*	*Test Method*	*L.O.Q. **	*Final Results*	*Units ***
01	B2 MW-1	Chloride as (Cl)	EPA 325.3	5.0	**30.0**	mg/L
02	B2 MW-2	Chloride as (Cl)	EPA 325.3	5.0	**22.0**	mg/L
03	B1 MW-2	Chloride as (Cl)	EPA 325.3	5.0	**24.0**	mg/L
04	B1 MW-1	Chloride as (Cl)	EPA 325.3	5.0	**34.0**	mg/L
05	Wastewater	Chloride as (Cl)	EPA 325.3	5.0	**118.0**	mg/L

ND = BQL = Below Quantitation Limit.

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Gracy K. Varughese

Gracy K. Varughese
Chief Analyst

InterLab

Certificate of Analyses
No. 340156

Project Information

Client: Magee & Associates
Project Name: Barerra Dairy
Project Location: Las Cruces, NM

Project Manager: Marvin Magee
Project ID: N/A

Sample ID: Please see below
Lab ID No.: 340156
Date Sampled: Mar-30-04
Sample Matrix: Water
Date Analyzed: Mar-31-04

Sample Depth: N/A
Preservative: Ice
Date Received: Mar-30-04 4:09 PM
Analyst: G.V.

Sample ID	*Sample Location*	*Parameter*	*Test Method*	*L.O.Q. **	*Final Results*	*Units ***
01	B2 MW-1	TDS	EPA 160.1	10.0	**348.0**	mg/L
02	B2 MW-2	TDS	EPA 160.1	10.0	**310.0**	mg/L
03	B1 MW-2	TDS	EPA 160.1	10.0	**317.0**	mg/L
04	B1 MW-1	TDS	EPA 160.1	10.0	**359.0**	mg/L
05	Wastewater	TDS	EPA 160.1	10.0	**7348.0**	mg/L

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Gracy K. Varughese

Gracy K. Varughese

Chief Analyst

InterLab

Certificate of Analyses
No. 340156

Project Information

Client: Magee & Associates
Project Name: Barerra Dairy
Project Location: Las Cruces, NM

Project Manager: Marvin Magee
Project ID: N/A

Sample ID: Please see below
Lab ID No.: 340156
Date Sampled: Mar-30-04
Sample Matrix: Water
Date Analyzed: Apr-2-04

Sample Depth: N/A
Preservative: H_2SO_4
Date Received: Mar-30-04 4:09 PM
Analyst: G.V.

Sample ID	*Sample Location*	*Parameter*	*Test Method*	*L.O.Q. **	*Final Results*	*Units ***
01	B2 MW-1	TKN	EPA 351.2	1	**1**	mg/L
02	B2 MW-2	TKN	EPA 351.2	1	**1**	mg/L
03	B1 MW-2	TKN	EPA 351.2	1	**1**	mg/L
04	B1 MW-1	TKN	EPA 351.2	1	**1**	mg/L
05	Wastewater	TKN	EPA 351.2	1	**522**	mg/L

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Gracy K. Varughese
Chief Analyst

InterLab

Certificate of Analyses
No. 330574

Project Information

Client: Magee & Associates
Project Name: Barerra Dairy
Project Location: Las Cruces, NM

Project Manager: Marvin Magee
Project ID: N/A

Sample ID: Please see below
Lab ID No.: 330574
Date Sampled: Dec-18-03
Sample Matrix: Water
Date Analyzed: Dec-23-03

Sample Depth: N/A
Preservative: H_2SO_4
Date Received: Dec-18-03 3:18 PM
Analyst: G.V.

Sample ID	*Sample Location*	*Parameter*	*Test Method*	*L.O.Q. **	*Final Results*	*Units ***
01	B2 MW-1	Nitrate (as N)	SM 4500-NO3-Emod	0.1	**1.3**	mg/L
02	B2 MW-2	Nitrate (as N)	SM 4500-NO3-Emod	0.1	**1.4**	mg/L
03	B1 MW-2	Nitrate (as N)	SM 4500-NO3-Emod	0.1	**0.3**	mg/L
04	B1 MW-1	Nitrate (as N)	SM 4500-NO3-Emod	0.1	**0.4**	mg/L
05	Wastewater	Nitrate (as N)	SM 4500-NO3-Emod	0.1	**3.0**	mg/L

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Gracy K. Varughese

Gracy K. Varughese
Chief Analyst

InterLab

Certificate of Analyses
No. 330574

Project Information

Client: Magee & Associates
Project Name: Barerra Dairy
Project Location: Las Cruces, NM

Project Manager: Marvin Magee
Project ID: N/A

Sample ID: Please see below
Lab ID No.: 330574
Date Sampled: Dec-18-03
Sample Matrix: Water
Date Analyzed: Dec-22-03

Sample Depth: N/A
Preservative: Ice
Date Received: Dec-18-03 3:18 PM
Analyst: G.V.

Sample ID	*Sample Location*	*Parameter*	*Test Method*	*L.O.Q. **	*Final Results*	*Units ***
01	B2 MW-1	Chloride as (Cl)	EPA 325.3	5.0	**26.0**	mg/L
02	B2 MW-2	Chloride as (Cl)	EPA 325.3	5.0	**26.0**	mg/L
03	B1 MW-2	Chloride as (Cl)	EPA 325.3	5.0	**24.0**	mg/L
04	B1 MW-1	Chloride as (Cl)	EPA 325.3	5.0	**36.0**	mg/L
05	Wastewater	Chloride as (Cl)	EPA 325.3	5.0	**378.0**	mg/L

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Gracy K. Varughese

Gracy K. Varughese
Chief Analyst

InterLab

Certificate of Analyses
No. 330574

Project Information

Client: Magee & Associates
Project Name: Barerra Dairy
Project Location: Las Cruces, NM

Project Manager: Marvin Magee
Project ID: N/A

Sample ID: Please see below
Lab ID No.: 330574
Date Sampled: Dec-18-03
Sample Matrix: Water
Date Analyzed: Dec-29-03

Sample Depth: N/A
Preservative: H_2SO_4
Date Received: Dec-18-03 3:18 PM
Analyst: G.V.

Sample ID	*Sample Location*	*Parameter*	*Test Method*	*L.O.Q. **	*Final Results*	*Units ***
01	B2 MW-1	TKN	EPA 351.2	1	**1**	mg/L
02	B2 MW-2	TKN	EPA 351.2	1	**1**	mg/L
03	B1 MW-2	TKN	EPA 351.2	1	**1**	mg/L
04	B1 MW-1	TKN	EPA 351.2	1	**1**	mg/L
05	Wastewater	TKN	EPA 351.2	1	**298**	mg/L

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Gracy K. Varughese
Gracy K. Varughese
Chief Analyst

InterLab

Certificate of Analyses
No. 330574

Project Information

Client: Magee & Associates
Project Name: Barerra Dairy
Project Location: Las Cruces, NM

Project Manager: Marvin Magee
Project ID: N/A

Sample ID: Please see below
Lab ID No.: 330574
Date Sampled: Dec-18-03
Sample Matrix: Water
Date Analyzed: Dec-22-03

Sample Depth: N/A
Preservative: Ice
Date Received: Dec-18-03 3:18 PM
Analyst: G.V.

Sample ID	*Sample Location*	*Parameter*	*Test Method*	*L.O.Q. **	*Final Results*	*Units ***
01	B2 MW-1	TDS	EPA 160.1	10.0	**357.0**	mg/L
02	B2 MW-2	TDS	EPA 160.1	10.0	**314.0**	mg/L
03	B1 MW-2	TDS	EPA 160.1	10.0	**334.0**	mg/L
04	B1 MW-1	TDS	EPA 160.1	10.0	**366.0**	mg/L
05	Wastewater	TDS	EPA 160.1	10.0	**5976.0**	mg/L

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Gracy K. Varughese

Gracy K. Varughese
Chief Analyst

InterLab

Certificate of Analyses
No. 330375

Project Information

Client: Magee & Associates
Project Name: Barerra Dairy
Project Location: Las Cruces, NM

Project Manager: Marvin Magee
Project ID: N/A

Sample ID: Please see below
Lab ID No.: 330375
Date Sampled: Sep-3-03
Sample Matrix: Water
Date Analyzed: Sep-4-03

Sample Depth: N/A
Preservative: H_2SO_4
Date Received: Sep-3-03 4:23 PM
Analyst: G.V.

Sample ID	*Sample Location*	*Parameter*	*Test Method*	*L.O.Q. **	*Final Results*	*Units ***
01	B1 MW-1	Nitrate (as N)	SM 4500-NO3-Emod	0.1	**0.8**	mg/L
02	B1 MW-2	Nitrate (as N)	SM 4500-NO3-Emod	0.1	**0.5**	mg/L
03	B2 MW-1	Nitrate (as N)	SM 4500-NO3-Emod	0.1	**1.0**	mg/L
04	B2 MW-2	Nitrate (as N)	SM 4500-NO3-Emod	0.1	**0.7**	mg/L
05	Wastewater	Nitrate (as N)	SM 4500-NO3-Emod	0.1	**10.0**	mg/L

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Gracy K. Varughese
Gracy K. Varughese
Chief Analyst

InterLab

Certificate of Analyses
No. 330375

Project Information

Client: Magee & Associates
Project Name: Barerra Dairy
Project Location: Las Cruces, NM

Project Manager: Marvin Magee
Project ID: N/A

Sample ID: Please see below
Lab ID No.: 330375
Date Sampled: Sep-3-03
Sample Matrix: Water
Date Analyzed: Sep-5-03

Sample Depth: N/A
Preservative: Ice
Date Received: Sep-3-03 4:23 PM
Analyst: G.V.

Sample ID	*Sample Location*	*Parameter*	*Test Method*	*L.O.Q. **	*Final Results*	*Units ***
01	B1 MW-1	Chloride as (Cl)	EPA 325.3	5.0	**38.0**	mg/L
02	B1 MW-2	Chloride as (Cl)	EPA 325.3	5.0	**26.0**	mg/L
03	B2 MW-1	Chloride as (Cl)	EPA 325.3	5.0	**24.0**	mg/L
04	B2 MW-2	Chloride as (Cl)	EPA 325.3	5.0	**26.0**	mg/L
05	Wastewater	Chloride as (Cl)	EPA 325.3	5.0	**62.0**	mg/L

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Gracy K. Varughese

Gracy K. Varughese
Chief Analyst

InterLab

Certificate of Analyses
No. 330375

Project Information

Client: Magee & Associates
Project Name: Barerra Dairy
Project Location: Las Cruces, NM

Project Manager: Marvin Magee
Project ID: N/A

Sample ID: Please see below
Lab ID No.: 330375
Date Sampled: Sep-3-03
Sample Matrix: Water
Date Analyzed: Sep-10-03

Sample Depth: N/A
Preservative: H_2SO_4
Date Received: Sep-3-03 4:23 PM
Analyst: G.V.

Sample ID	*Sample Location*	*Parameter*	*Test Method*	*L.O.Q. **	*Final Results*	*Units ***
01	B1 MW-1	TKN	EPA 351.2	1	**1**	mg/L
02	B1 MW-2	TKN	EPA 351.2	1	**1**	mg/L
03	B2 MW-1	TKN	EPA 351.2	1	**1**	mg/L
04	B2 MW-2	TKN	EPA 351.2	1	**1**	mg/L
05	Wastewater	TKN	EPA 351.2	1	**351**	mg/L

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Gracy K. Varughese
Gracy K. Varughese
Chief Analyst

InterLab

Certificate of Analyses
No. 330375

Project Information

Client: Magee & Associates
Project Name: Barerra Dairy
Project Location: Las Cruces, NM

Project Manager: Marvin Magee
Project ID: N/A

Sample ID: Please see below
Lab ID No.: 330375
Date Sampled: Sep-3-03
Sample Matrix: Water
Date Analyzed: Sep-4-03

Sample Depth: N/A
Preservative: Ice
Date Received: Sep-3-03 4:23 PM
Analyst: G.V.

Sample ID	*Sample Location*	*Parameter*	*Test Method*	*L.O.Q. **	*Final Results*	*Units ***
01	B1 MW-1	TDS	EPA 160.1	10.0	**365.0**	mg/L
02	B1 MW-2	TDS	EPA 160.1	10.0	**299.0**	mg/L
03	B2 MW-1	TDS	EPA 160.1	10.0	**338.0**	mg/L
04	B2 MW-2	TDS	EPA 160.1	10.0	**297.0**	mg/L
05	Wastewater	TDS	EPA 160.1	10.0	**7774.0**	mg/L

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Gracy K. Varughese
Gracy K. Varughese
Chief Analyst

Sample I.D. AB47674

Sample Description: ~~[illegible]~~ well #3 Barrera Dairy I (By) Don't need

Sample collection date: 05/09/03 Sample collection time: 09:30

Submittal date: 05/09/03 Submittal time: 13:52

WSS# Request ID No. Collector: L. BARRERA

Sample Purpose: Compliance Sampling Information: Grab

Element	Method	Result	Units	MDL	Date of Analysis	Analyst
Chloride by Autoanalyzer	4500-Cl_D	61.1	mg/L	0.5	05/16/03	CAW
Nitrate/nitrite as N	353.2	0.65	mg/L	0.10	05/12/03	CAW
Water Kjeldahl Nitrogen-	351.2	Not detected	mg/L	0.1	05/13/03	CAW
Total Dissolved Solids	160.2	378	mg/L	1	05/21/03	BJH

Sample I.D. AB47675

Sample Description: MW-#1 North Barrera Dairy II South lagoon

Sample collection date: 05/09/03 Sample collection time: 09:30

Submittal date: 05/09/03 Submittal time: 13:52

WSS# Request ID No. Collector: L. BARRERA

Sample Purpose: Compliance Sampling Information: Grab

Element	Method	Result	Units	MDL	Date of Analysis	Analyst
Chloride by Autoanalyzer	4500-Cl_D	8.7	mg/L	0.5	05/16/03	CAW
Nitrate/nitrite as N	353.2	1.80	mg/L	0.10	05/12/03	CAW
Water Kjeldahl Nitrogen-	351.2	0.6	mg/L	0.1	05/13/03	CAW
Total Dissolved Solids	160.2	335	mg/L	1	05/21/03	BJH

Sample I.D. AB47676

Sample Description: MW-#2 South Barrera Dairy II North lagoon

Sample collection date: 05/09/03 Sample collection time: 09:30

Submittal date: 05/09/03 Submittal [illegible] 13:52

WSS# Request ID No. [illegible]lector: L. BARRERA

Sample Purpose: Compliance Sampling Information: Grab

Element	Method	Result	Units	MDL	Date of Analysis	Analyst
Chloride by Autoanalyzer	4500-Cl_D	8.8	mg/L	0.5	05/16/03	CAW
Nitrate/nitrite as N	353.2	1.35	mg/L	0.10	05/12/03	CAW
Water Kjeldahl Nitrogen-	351.2	Not detected	mg/L	0.1	05/13/03	CAW
Total Dissolved Solids	160.2	296	mg/L	1	05/21/03	BJH

InterLab

Certificate of Analyses
No. 340156

Project Information

Client: Magee & Associates
Project Name: Barerra Dairy
Project Location: Las Cruces, NM

Project Manager: Marvin Magee
Project ID: N/A

Sample ID: Please see below
Lab ID No.: 340156
Date Sampled: Mar-30-04
Sample Matrix: Water
Date Analyzed: Apr-2-04

Sample Depth: N/A
Preservative: H_2SO_4
Date Received: Mar-30-04 4:09 PM
Analyst: G.V.

Sample ID	*Sample Location*	*Parameter*	*Test Method*	*L.O.Q. **	*Final Results*	*Units ***
01	B2 MW-1	TKN	EPA 351.2	1	**1**	mg/L
02	B2 MW-2	TKN	EPA 351.2	1	**1**	mg/L
03	B1 MW-2	TKN	EPA 351.2	1	**1**	mg/L
04	B1 MW-1	TKN	EPA 351.2	1	**1**	mg/L
05	Wastewater	TKN	EPA 351.2	1	**522**	mg/L

ND = BQL = Below Quantitation Limit.

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Gracy K. Varughese
Chief Analyst

InterLab

Certificate of Analyses
No. 340156

Project Information

Client: Magee & Associates
Project Name: Barerra Dairy
Project Location: Las Cruces, NM

Project Manager: Marvin Magee
Project ID: N/A

Sample ID: Please see below
Lab ID No.: 340156
Date Sampled: Mar-30-04
Sample Matrix: Water
Date Analyzed: Mar-31-04

Sample Depth: N/A
Preservative: Ice
Date Received: Mar-30-04 4:09 PM
Analyst: G.V.

Sample ID	*Sample Location*	*Parameter*	*Test Method*	*L.O.Q. **	*Final Results*	*Units ***
01	B2 MW-1	TDS	EPA 160.1	10.0	**348.0**	mg/L
02	B2 MW-2	TDS	EPA 160.1	10.0	**310.0**	mg/L
03	B1 MW-2	TDS	EPA 160.1	10.0	**317.0**	mg/L
04	B1 MW-1	TDS	EPA 160.1	10.0	**359.0**	mg/L
05	Wastewater	TDS	EPA 160.1	10.0	**7348.0**	mg/L

ND = BQL = Below Quantitation Limit.

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Gracy K. Varughese

Gracy K. Varughese
Chief Analyst

InterLab

Certificate of Analyses
No. 340156

Project Information

Client: Magee & Associates
Project Name: Barerra Dairy
Project Location: Las Cruces, NM

Project Manager: Marvin Magee
Project ID: N/A

Sample ID: Please see below
Lab ID No.: 340156
Date Sampled: Mar-30-04
Sample Matrix: Water
Date Analyzed: Apr-1-04

Sample Depth: N/A
Preservative: H_2SO_4
Date Received: Mar-30-04 4:09 PM
Analyst: G.V.

Sample ID	*Sample Location*	*Parameter*	*Test Method*	*L.O.Q. **	*Final Results*	*Units ***
01	B2 MW-1	Nitrate (as N)	SM 4500-NO3-Emod	0.1	**1.7**	mg/L
02	B2 MW-2	Nitrate (as N)	SM 4500-NO3-Emod	0.1	**1.2**	mg/L
03	B1 MW-2	Nitrate (as N)	SM 4500-NO3-Emod	0.1	**0.7**	mg/L
04	B1 MW-1	Nitrate (as N)	SM 4500-NO3-Emod	0.1	**0.8**	mg/L
05	Wastewater	Nitrate (as N)	SM 4500-NO3-Emod	0.1	**17.0**	mg/L

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Chief Analyst

InterLab

Certificate of Analyses
No. 340156

Project Information

Client: Magee & Associates
Project Name: Barerra Dairy
Project Location: Las Cruces, NM

Project Manager: Marvin Magee
Project ID: N/A

Sample ID: Please see below
Lab ID No.: 340156
Date Sampled: Mar-30-04
Sample Matrix: Water
Date Analyzed: Apr-1-04

Sample Depth: N/A
Preservative: Ice
Date Received: Mar-30-04 4:09 PM
Analyst: G.V.

Sample ID	*Sample Location*	*Parameter*	*Test Method*	*L.O.Q. **	*Final Results*	*Units ***
01	B2 MW-1	Chloride as (Cl)	EPA 325.3	5.0	**30.0**	mg/L
02	B2 MW-2	Chloride as (Cl)	EPA 325.3	5.0	**22.0**	mg/L
03	B1 MW-2	Chloride as (Cl)	EPA 325.3	5.0	**24.0**	mg/L
04	B1 MW-1	Chloride as (Cl)	EPA 325.3	5.0	**34.0**	mg/L
05	Wastewater	Chloride as (Cl)	EPA 325.3	5.0	**118.0**	mg/L

ND = BQL = Below Quantitation Limit.

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Gracy K. Varughese
Chief Analyst

InterLab

Certificate of Analyses
No. 330574

Project Information

Client: Magee & Associates
Project Name: Barerra Dairy
Project Location: Las Cruces, NM

Project Manager: Marvin Magee
Project ID: N/A

Sample ID: Please see below
Lab ID No.: 330574
Date Sampled: Dec-18-03
Sample Matrix: Water
Date Analyzed: Dec-29-03

Sample Depth: N/A
Preservative: H_2SO_4
Date Received: Dec-18-03 3:18 PM
Analyst: G.V.

Sample ID	*Sample Location*	*Parameter*	*Test Method*	*L.O.Q. **	*Final Results*	*Units ***
01	B2 MW-1	TKN	EPA 351.2	1	**1**	mg/L
02	B2 MW-2	TKN	EPA 351.2	1	**1**	mg/L
03	B1 MW-2	TKN	EPA 351.2	1	**1**	mg/L
04	B1 MW-1	TKN	EPA 351.2	1	**1**	mg/L
05	Wastewater	TKN	EPA 351.2	1	**298**	mg/L

ND = BQL = Below Quantitation Limit.

* L.O.Q. = Limits of Quantitation.

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Gracy K. Varughese
Gracy K. Varughese
Chief Analyst

InterLab

Certificate of Analyses
No. 330574

Project Information

Client: Magee & Associates
Project Name: Barerra Dairy
Project Location: Las Cruces, NM

Project Manager: Marvin Magee
Project ID: N/A

Sample ID: Please see below
Lab ID No.: 330574
Date Sampled: Dec-18-03
Sample Matrix: Water
Date Analyzed: Dec-22-03

Sample Depth: N/A
Preservative: Ice
Date Received: Dec-18-03 3:18 PM
Analyst: G.V.

Sample ID	*Sample Location*	*Parameter*	*Test Method*	*L.O.Q. **	*Final Results*	*Units ***
01	B2 MW-1	TDS	EPA 160.1	10.0	**357.0**	mg/L
02	B2 MW-2	TDS	EPA 160.1	10.0	**314.0**	mg/L
03	B1 MW-2	TDS	EPA 160.1	10.0	**334.0**	mg/L
04	B1 MW-1	TDS	EPA 160.1	10.0	**366.0**	mg/L
05	Wastewater	TDS	EPA 160.1	10.0	**5976.0**	mg/L

ND = BQL = Below Quantitation Limit.

* L.O.Q. = Limits of Quantitation.

** Units = Units for Measurement of Results and L.O.Q.

Gracy K. Varughese

Gracy K. Varughese
Chief Analyst

InterLab

Certificate of Analyses
No. 330574

Project Information

Client: Magee & Associates
Project Name: Barerra Dairy
Project Location: Las Cruces, NM

Project Manager: Marvin Magee
Project ID: N/A

Sample ID: Please see below
Lab ID No.: 330574
Date Sampled: Dec-18-03
Sample Matrix: Water
Date Analyzed: Dec-23-03

Sample Depth: N/A
Preservative: H_2SO_4
Date Received: Dec-18-03 3:18 PM
Analyst: G.V.

Sample ID	*Sample Location*	*Parameter*	*Test Method*	*L.O.Q. **	*Final Results*	*Units ***
01	B2 MW-1	Nitrate (as N)	SM 4500-NO3-Emod	0.1	**1.3**	mg/L
02	B2 MW-2	Nitrate (as N)	SM 4500-NO3-Emod	0.1	**1.4**	mg/L
03	B1 MW-2	Nitrate (as N)	SM 4500-NO3-Emod	0.1	**0.3**	mg/L
04	B1 MW-1	Nitrate (as N)	SM 4500-NO3-Emod	0.1	**0.4**	mg/L
05	Wastewater	Nitrate (as N)	SM 4500-NO3-Emod	0.1	**3.0**	mg/L

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Gracy K. Varughese

Gracy K. Varughese
Chief Analyst

InterLab

Certificate of Analyses
No. 330574

Project Information

Client: Magee & Associates
Project Name: Barerra Dairy
Project Location: Las Cruces, NM

Project Manager: Marvin Magee
Project ID: N/A

Sample ID: Please see below
Lab ID No.: 330574
Date Sampled: Dec-18-03
Sample Matrix: Water
Date Analyzed: Dec-22-03

Sample Depth: N/A
Preservative: Ice
Date Received: Dec-18-03 3:18 PM
Analyst: G.V.

Sample ID	*Sample Location*	*Parameter*	*Test Method*	*L.O.Q. **	*Final Results*	*Units ***
01	B2 MW-1	Chloride as (Cl)	EPA 325.3	5.0	**26.0**	mg/L
02	B2 MW-2	Chloride as (Cl)	EPA 325.3	5.0	**26.0**	mg/L
03	B1 MW-2	Chloride as (Cl)	EPA 325.3	5.0	**24.0**	mg/L
04	B1 MW-1	Chloride as (Cl)	EPA 325.3	5.0	**36.0**	mg/L
05	Wastewater	Chloride as (Cl)	EPA 325.3	5.0	**378.0**	mg/L

ND = BQL = Below Quantitation Limit.

* L.O.Q. = Limits of Quantitation.

** Units = Units for Measurement of Results and L.O.Q.

Gracy K. Varughese

Gracy K. Varughese
Chief Analyst

InterLab

Certificate of Analyses
No. 330375

Project Information

Client: Magee & Associates
Project Name: Barerra Dairy
Project Location: Las Cruces, NM

Project Manager: Marvin Magee
Project ID: N/A

Sample ID: Please see below
Lab ID No.: 330375
Date Sampled: Sep-3-03
Sample Matrix: Water
Date Analyzed: Sep-10-03

Sample Depth: N/A
Preservative: H_2SO_4
Date Received: Sep-3-03 4:23 PM
Analyst: G.V.

Sample ID	*Sample Location*	*Parameter*	*Test Method*	*L.O.Q. **	*Final Results*	*Units ***
01	B1 MW-1	TKN	EPA 351.2	1	**1**	mg/L
02	B1 MW-2	TKN	EPA 351.2	1	**1**	mg/L
03	B2 MW-1	TKN	EPA 351.2	1	**1**	mg/L
04	B2 MW-2	TKN	EPA 351.2	1	**1**	mg/L
05	Wastewater	TKN	EPA 351.2	1	**351**	mg/L

ND = BQL = Below Quantitation Limit.

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** Units = Units for Measurement of Results and L.O.Q.

Gracy K. Varughese
Chief Analyst

InterLab

Certificate of Analyses
No. 330375

Project Information

Client: Magee & Associates
Project Name: Barerra Dairy
Project Location: Las Cruces, NM

Project Manager: Marvin Magee
Project ID: N/A

Sample ID: Please see below
Lab ID No.: 330375
Date Sampled: Sep-3-03
Sample Matrix: Water
Date Analyzed: Sep-4-03

Sample Depth: N/A
Preservative: Ice
Date Received: Sep-3-03 4:23 PM
Analyst: G.V.

Sample ID	*Sample Location*	*Parameter*	*Test Method*	*L.O.Q. **	*Final Results*	*Units ***
01	B1 MW-1	TDS	EPA 160.1	10.0	**365.0**	mg/L
02	B1 MW-2	TDS	EPA 160.1	10.0	**299.0**	mg/L
03	B2 MW-1	TDS	EPA 160.1	10.0	**338.0**	mg/L
04	B2 MW-2	TDS	EPA 160.1	10.0	**297.0**	mg/L
05	Wastewater	TDS	EPA 160.1	10.0	**7774.0**	mg/L

ND = BQL = Below Quantitation Limit.

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Gracy K. Varughese
Gracy K. Varughese
Chief Analyst

InterLab

Certificate of Analyses
No. 330375

Project Information

Client: Magee & Associates
Project Name: Barerra Dairy
Project Location: Las Cruces, NM

Project Manager: Marvin Magee
Project ID: N/A

Sample ID: Please see below
Lab ID No.: 330375
Date Sampled: Sep-3-03
Sample Matrix: Water
Date Analyzed: Sep-4-03

Sample Depth: N/A
Preservative: H_2SO_4
Date Received: Sep-3-03 4:23 PM
Analyst: G.V.

Sample ID	*Sample Location*	*Parameter*	*Test Method*	*L.O.Q. **	*Final Results*	*Units ***
01	B1 MW-1	Nitrate (as N)	SM 4500-NO3-Emod	0.1	**0.8**	mg/L
02	B1 MW-2	Nitrate (as N)	SM 4500-NO3-Emod	0.1	**0.5**	mg/L
03	B2 MW-1	Nitrate (as N)	SM 4500-NO3-Emod	0.1	**1.0**	mg/L
04	B2 MW-2	Nitrate (as N)	SM 4500-NO3-Emod	0.1	**0.7**	mg/L
05	Wastewater	Nitrate (as N)	SM 4500-NO3-Emod	0.1	**10.0**	mg/L

ND = BQL = Below Quantitation Limit.

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** Units = Units for Measurement of Results and L.O.Q.

Gracy K. Varughese
Gracy K. Varughese
Chief Analyst

InterLab

Certificate of Analyses
No. 330375

Project Information

Client: Magee & Associates
Project Name: Barerra Dairy
Project Location: Las Cruces, NM

Project Manager: Marvin Magee
Project ID: N/A

Sample ID: Please see below
Lab ID No.: 330375
Date Sampled: Sep-3-03
Sample Matrix: Water
Date Analyzed: Sep-5-03

Sample Depth: N/A
Preservative: Ice
Date Received: Sep-3-03 4:23 PM
Analyst: G.V.

Sample ID	*Sample Location*	*Parameter*	*Test Method*	*L.O.Q. **	*Final Results*	*Units ***
01	B1 MW-1	Chloride as (Cl)	EPA 325.3	5.0	**38.0**	mg/L
02	B1 MW-2	Chloride as (Cl)	EPA 325.3	5.0	**26.0**	mg/L
03	B2 MW-1	Chloride as (Cl)	EPA 325.3	5.0	**24.0**	mg/L
04	B2 MW-2	Chloride as (Cl)	EPA 325.3	5.0	**26.0**	mg/L
05	Wastewater	Chloride as (Cl)	EPA 325.3	5.0	**62.0**	mg/L

ND = BQL = Below Quantitation Limit.

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** Units = Units for Measurement of Results and L.O.Q.

Gracy K. Varughese
Gracy K. Varughese
Chief Analyst

Soil Water and Air Testing Lab
New Mexico State University
BOX 30003
Las Cruces, NM 88003
(505)646-4422

Report #0305271307

Date: 05/27/03

ANALYTICAL REPORT

To: Barrera Dairy 267-5262
P.O. Box 339
Arrey, New Mexico 87930

Purchase Order #

Below are the results for submitted sample(s). (MDL=Method detection limit)

Sample I.D. AB47672

Sample Description: MW-#1 Barrera Dairy I South lagoon monitor
Sample collection date: 05/09/03 Sample collection time: 09:30
Submittal date: 05/09/03 Submittal time: 13:52
WSS# Request ID No. Collector: L. BARRERA
Sample Purpose: Compliance Sampling Information: Grab

Element	Method	Result	Units	MDL	Date of Analysis	Analyst
Chloride by Autoanalyzer	4500-Cl_D	13.3	mg/L	0.5	05/16/03	CAW
Nitrate/nitrite as N	353.2	1.06	mg/L	0.10	05/12/03	CAW
Water Kjeldahl Nitrogen-	351.2	0.1	mg/L	0.1	05/13/03	CAW
Total Dissolved Solids	160.2	388	mg/L	1	05/21/03	BJH

Sample I.D. AB47673

Sample Description: MW-#2 Barrera Dairy I Middle lagoon monitor
Sample collection date: 05/09/03 Sample collection time: 09:50
Submittal date: 05/09/03 Submittal time: 13:52
WSS# Request ID No. Collector: L. BARRERA
Sample Purpose: Compliance Sampling Information: Grab

Element	Method	Result	Units	MDL	Date of Analysis	Analyst
Chloride by Autoanalyzer	4500-Cl_D	8.1	mg/L	0.5	05/16/03	CAW
Nitrate/nitrite as N	353.2	0.75	mg/L	0.10	05/12/03	CAW
Water Kjeldahl Nitrogen-	351.2	0.2	mg/L	0.1	05/13/03	CAW
Total Dissolved Solids	160.2	290	mg/L	1	05/21/03	BJH

DP- 380

Report #0305271324

ple I.D. AB47677

Sample Description: Lagoon Barrera Dairy I
Sample collection date: 05/09/03 Sample collection time: 09:30
Submittal date: 05/09/03 Submittal time: 13:52
WSS# Request ID No. Collector: L. BARRERA
Sample Purpose: Compliance Sampling Information: Grab

Element	Method	Result	Units	MDL	Date of Analysis	Analyst
Chloride by Autoanalyzer	4500-Cl_D	867.7	mg/L	10.0	05/16/03	CAW
Nitrate/nitrite as N	353.2	0.18	mg/L	0.50	05/12/03	CAW
Water Kjeldahl Nitrogen-	351.2	1715.5	mg/L	10.0	05/13/03	CAW
Total Dissolved Solids	160.2	6777	mg/L	1	05/21/03	BJH

Results relate only to the items tested. This report shall not be reproduced except in full, without the written approval of the laboratory. This laboratory is accredited by the American Association for Laboratory Accreditation (A2LA) and the results shown in this report have been determined in accordance with the laboratory's terms of accreditation unless stated otherwise in the report. Those tests not presently accredited are noted by a hyphen.

Please advise should you have questions concerning these data.
Respectfully submitted,

Laboratory Manager
(505)646-4422

Highest WW

InterLab

Certificate of Analyses
No. 330574

Project Information

Client: Magee & Associates
Project Name: Barerra Dairy
Project Location: Las Cruces, NM

Project Manager: Marvin Magee
Project ID: N/A

Sample ID: Please see below
Lab ID No.: 330574
Date Sampled: Dec-18-03
Sample Matrix: Water
Date Analyzed: Dec-23-03

Sample Depth: N/A
Preservative: H_2SO_4
Date Received: Dec-18-03 3:18 PM
Analyst: G.V.

Sample ID	*Sample Location*	*Parameter*	*Test Method*	*L.O.Q. **	*Final Results*	*Units ***
01	B2 MW-1	Nitrate (as N)	SM 4500-NO3-Emod	0.1	**1.3**	mg/L
02	B2 MW-2	Nitrate (as N)	SM 4500-NO3-Emod	0.1	**1.4**	mg/L
03	B1 MW-2	Nitrate (as N)	SM 4500-NO3-Emod	0.1	**0.3**	mg/L
04	B1 MW-1	Nitrate (as N)	SM 4500-NO3-Emod	0.1	**0.4**	mg/L
05	Wastewater	Nitrate (as N)	SM 4500-NO3-Emod	0.1	**3.0**	mg/L

ND = BQL = Below Quantitation Limit.

* L.O.Q. = Limits of Quantitation.

** Units = Units for Measurement of Results and L.O.Q.

Gracy K. Varughese

Gracy K. Varughese
Chief Analyst

InterLab

Certificate of Analyses
No. 330574

Project Information

Client: Magee & Associates
Project Name: Barerra Dairy
Project Location: Las Cruces, NM

Project Manager: Marvin Magee
Project ID: N/A

Sample ID: Please see below
Lab ID No.: 330574
Date Sampled: Dec-18-03
Sample Matrix: Water
Date Analyzed: Dec-22-03

Sample Depth: N/A
Preservative: Ice
Date Received: Dec-18-03 3:18 PM
Analyst: G.V.

Sample ID	*Sample Location*	*Parameter*	*Test Method*	*L.O.Q. **	*Final Results*	*Units ***
01	B2 MW-1	Chloride as (Cl)	EPA 325.3	5.0	**26.0**	mg/L
02	B2 MW-2	Chloride as (Cl)	EPA 325.3	5.0	**26.0**	mg/L
03	B1 MW-2	Chloride as (Cl)	EPA 325.3	5.0	**24.0**	mg/L
04	B1 MW-1	Chloride as (Cl)	EPA 325.3	5.0	**36.0**	mg/L
05	Wastewater	Chloride as (Cl)	EPA 325.3	5.0	**378.0**	mg/L

ND = BQL = Below Quantitation Limit.

* L.O.Q. = Limits of Quantitation.

** Units = Units for Measurement of Results and L.O.Q.

Gracy K. Varughese
Gracy K. Varughese
Chief Analyst

Lowest WW

InterLab

Certificate of Analyses
No. 330574

Project Information

Client: Magee & Associates
Project Name: Barerra Dairy
Project Location: Las Cruces, NM

Project Manager: Marvin Magee
Project ID: N/A

Sample ID: Please see below
Lab ID No.: 330574
Date Sampled: Dec-18-03
Sample Matrix: Water
Date Analyzed: Dec-29-03

Sample Depth: N/A
Preservative: H_2SO_4
Date Received: Dec-18-03 3:18 PM
Analyst: G.V.

Sample ID	*Sample Location*	*Parameter*	*Test Method*	*L.O.Q. **	*Final Results*	*Units ***
01	B2 MW-1	TKN	EPA 351.2	1	**1**	mg/L
02	B2 MW-2	TKN	EPA 351.2	1	**1**	mg/L
03	B1 MW-2	TKN	EPA 351.2	1	**1**	mg/L
04	B1 MW-1	TKN	EPA 351.2	1	**1**	mg/L
05	Wastewater	TKN	EPA 351.2	1	**298**	mg/L

ND = BQL = Below Quantitation Limit.

* L.O.Q. = Limits of Quantitation.

** Units = Units for Measurement of Results and L.O.Q.

Gracy K. Varughese
Gracy K. Varughese
Chief Analyst

InterLab

Certificate of Analyses
No. 330574

Project Information

Client: Magee & Associates
Project Name: Barerra Dairy
Project Location: Las Cruces, NM

Project Manager: Marvin Magee
Project ID: N/A

Sample ID: Please see below
Lab ID No.: 330574
Date Sampled: Dec-18-03
Sample Matrix: Water
Date Analyzed: Dec-22-03

Sample Depth: N/A
Preservative: Ice
Date Received: Dec-18-03 3:18 PM
Analyst: G.V.

Sample ID	*Sample Location*	*Parameter*	*Test Method*	*L.O.Q. **	*Final Results*	*Units ***
01	B2 MW-1	TDS	EPA 160.1	10.0	**357.0**	mg/L
02	B2 MW-2	TDS	EPA 160.1	10.0	**314.0**	mg/L
03	B1 MW-2	TDS	EPA 160.1	10.0	**334.0**	mg/L
04	B1 MW-1	TDS	EPA 160.1	10.0	**366.0**	mg/L
05	Wastewater	TDS	EPA 160.1	10.0	**5976.0**	mg/L

ND = BQL = Below Quantitation Limit.

* L.O.Q. = Limits of Quantitation.

** Units = Units for Measurement of Results and L.O.Q.

Gracy K. Varughese

Gracy K. Varughese
Chief Analyst

DP-380

Water and Air Testing Lab
New Mexico State University
BOX 30003
Las Cruces, NM 88003
(505)646-4422

Report #0305271327

Date: 05/27/03

ANALYTICAL REPORT

To: Barrera Dairy
P.O. Box 339
Arrey, New Mexico 87930

267-5262

Purchase Order #

Below are the results for submitted sample(s).

(MDL=Method detection limit)

Sample I.D. AB47672

Sample Description: MW-#1 Barrera Dairy I south lagoon mw
Sample collection date: 05/09/03
Submittal date: 05/09/03
WSS#
Request ID No.
Sample Purpose: Compliance
Sample collection time: 09:30
Submittal time: 13:52
Collector: L. BARRERA
Sampling Information: Grab

Element	Method	Result	Units	MDL	Date of Analysis	Analyst
Chloride by Autoanalyzer	4500-Cl_D	13.3	mg/L	0.5	05/16/03	CAW
Nitrate/nitrite as N	353.2	1.06	mg/L	0.10	05/12/03	CAW
Water Kjeldahl Nitrogen-	351.2	0.1	mg/L	0.1	05/13/03	CAW
Total Dissolved Solids	160.2	358	mg/L	1	05/21/03	BJH

Sample I.D. AB47673

Sample Description: MW-#2 Barrera Dairy I middle lagoon mw
Sample collection date: 05/09/03
Submittal date: 05/09/03
WSS#
Request ID No.
Sample Purpose: Compliance
Sample collection time: 09:30
Submittal time: 13:52
Collector: L. BARRERA
Sampling Information: Grab

Element	Method	Result	Units	MDL	Date of Analysis	Analyst
Chloride by Autoanalyzer	4500-Cl_D	81	mg/L	0.5	05/16/03	CAW
Nitrate/nitrite as N	353.2	0.75	mg/L	0.10	05/12/03	CAW
Water Kjeldahl Nitrogen-	351.2	0.5	mg/L	0.1	05/13/03	CAW
Total Dissolved Solids	160.2	290	mg/L	1	05/21/03	BJH

Highest GW, MW-1

DP-380

SWAT Laboratory
New Mexico State University
Agronomy & Horticulture Department
Box 30003, Department 3Q
Las Cruces, NM 88003-8003

Barrera Dairy

April 8, 2002

Ed Ogaz
6440 Vista Valley Trail
Las Cruces, NM 88005
525-0253

Barrera

Dear Ed Ogaz:

Below are the results of analysis of 4 samples received for examination on March 22, 2002:

Sample I.D. AB35194
Sample Description: MW #1
Sample collection date: 03/22/02
Lab submittal date: 03/22/02
SAMPLE PURPOSE: Compliance

Client Code: EDOGAZ
Sample collector: DAVID CASTRO
Time: 10:00
Time: 16:15
SAMPLE TYPE: Grab

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
pH of water		7.82	
Nitrate/nitrite as N	mg/L	1.34	0.05
Water Kjeldahl Nitrogen-	mg/L	5.9	0.1
Total Dissolved Solids	mg/L	480	1

Sample I.D. AB35195
Sample Description: MW #2
Sample collection date: 03/22/02
Lab submittal date: 03/22/02
SAMPLE PURPOSE: Compliance

Client Code: EDOGAZ
Sample collector: DAVID CASTRO
Time: 10:00
Time: 16:15
SAMPLE TYPE: Grab

TEST PARAMETER	UNITS	TEST RESULT	DETECTION LIMIT
pH of water		7.71	
Nitrate/nitrite as N	mg/L	1.24	0.05
Water Kjeldahl Nitrogen-	mg/L	1.4	0.1
Total Dissolved Solids	mg/L	306	1

Sample I.D. AB35196
Sample Description: MW#3
Sample collection date: 03/22/02
Lab submittal date: 03/22/02
SAMPLE PURPOSE: Compliance

Client Code: EDOGAZ
Sample collector: DAVID CASTRO
Time: 10:00
Time: 16:15
SAMPLE TYPE: Grab

Highest GW D2-MW-1