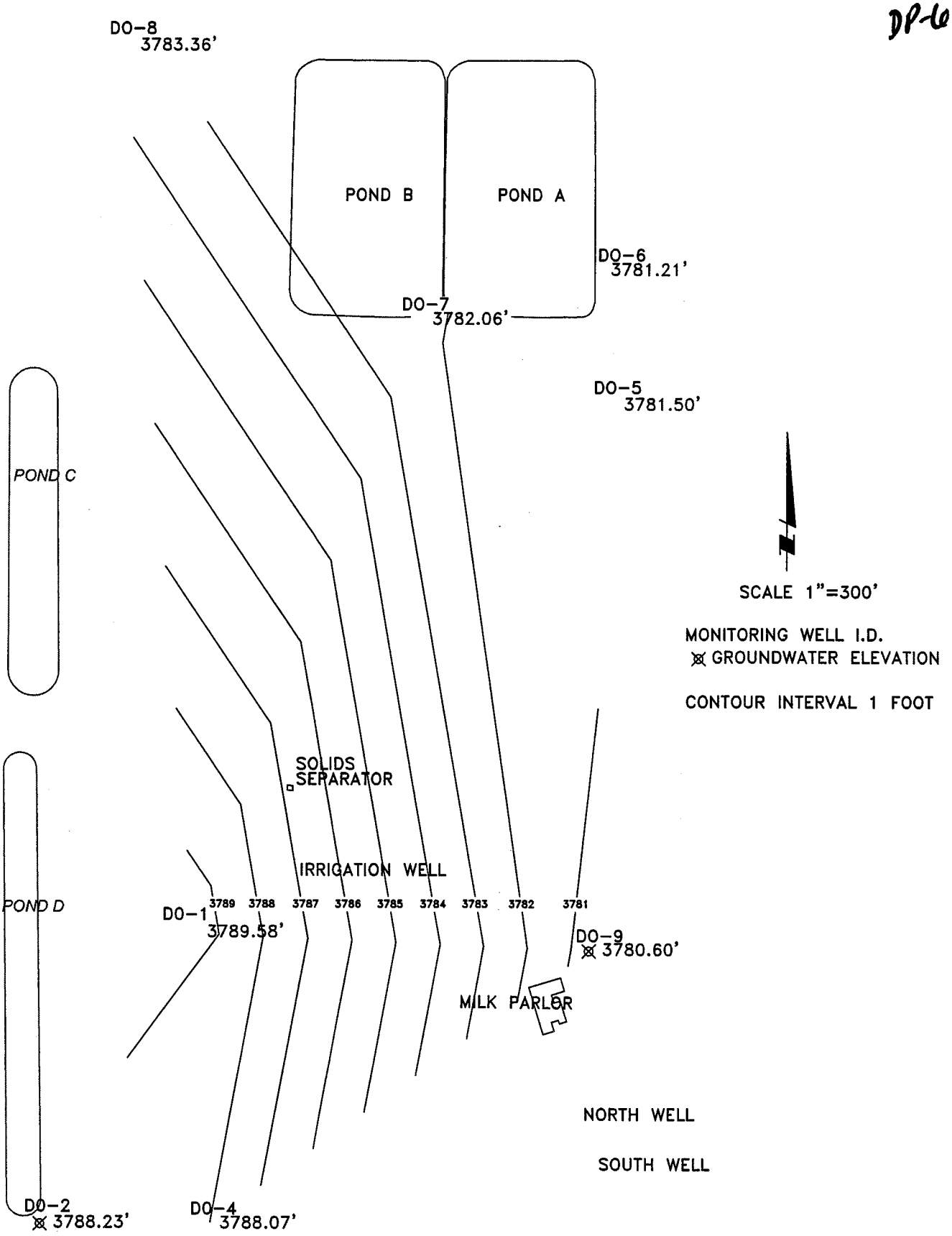
DP-692



GROUNDWATER ELEVATIONS MEASURED DECEMBER 8, 2009

SHEET A-1

TITLE

DEL ORO DAIRY

GROUNDWATER CONTOURS – DECEMBER 8, 2009

DESIGN BY:

MAGEE and ASSOCIATES, Inc.
CONSULTING ENGINEERS

DATE: Dec. 23, 2009

SCALE: 1" = 300'

InterLab

Certificate of Analyses
No. 390542

Project Information

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

Project Manager: Marvin Magee
Project ID: N/A

Sample ID: Please see below
Lab ID No.: 390542
Date Sampled: Dec-8-09
Sample Matrix: Water
Date Analyzed: Dec-9-09

Sample Depth: N/A
Preservative: Ice
Date Received: 12-08-2009 4:45PM
Analyst: G.V.

Sample ID	Sample Location	Parameter	Test Method	L.O.Q. *	Final Results	Units **
01	DO - 4	TDS	EPA 160.1	10.0	2069.0	mg/L
02	DO - 8	TDS	EPA 160.1	10.0	1459.0	mg/L
03	DO - 7	TDS	EPA 160.1	10.0	3131.0	mg/L
04	DO - 6	TDS	EPA 160.1	10.0	1609.0	mg/L
05	DO - 5	TDS	EPA 160.1	10.0	1538.0	mg/L
06	DO - 9	TDS	EPA 160.1	10.0	1536.0	mg/L
07	DO - 2	TDS	EPA 160.1	10.0	4073.0	mg/L
08	DO - 1	TDS	EPA 160.1	10.0	4897.0	mg/L
09	Wastewater	TDS	EPA 160.1	10.0	8790.0	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. 390542

Project Information

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

Project Manager: Marvin Magee
Project ID: N/A

Sample ID: Please see below
Lab ID No.: 390542
Date Sampled: Dec-8-09
Sample Matrix: Water
Date Analyzed: Dec-9-09

Sample Depth: N/A
Preservative: Ice
Date Received: 12-08-2009 4:45PM
Analyst: G.V.

Sample ID	Sample Location	Parameter	Test Method	L.O.Q. *	Final Results	Units **
01	DO - 4	Chloride as (Cl)	EPA 325.3	5.0	**590.0**	mg/L
02	DO - 8	Chloride as (Cl)	EPA 325.3	5.0	**500.0**	mg/L
03	DO - 7	Chloride as (Cl)	EPA 325.3	5.0	**860.0**	mg/L
04	DO - 6	Chloride as (Cl)	EPA 325.3	5.0	**540.0**	mg/L
05	DO - 5	Chloride as (Cl)	EPA 325.3	5.0	**540.0**	mg/L
06	DO - 9	Chloride as (Cl)	EPA 325.3	5.0	**460.0**	mg/L
07	DO - 2	Chloride as (Cl)	EPA 325.3	5.0	**1200.0**	mg/L
08	DO - 1	Chloride as (Cl)	EPA 325.3	5.0	**1060.0**	mg/L
09	Wastewater	Chloride as (Cl)	EPA 325.3	5.0	**580.0**	mg/L

ND = BQL = Below Quantitation Limit.

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Gracy K. Varughese
Chief Analyst

InterLab

Certificate of Analyses
No. 390542

Project Information

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

Project Manager: Marvin Magee
Project ID: N/A

Sample ID: Please see below

Lab ID No.: 390542
Date Sampled: Dec-8-09
Sample Matrix: Water
Date Analyzed: Dec-10-09

Sample Depth: N/A
Preservative: Conc. H_2SO_4
Date Received: 12-08-2009 4:45PM
Analyst: G.V.

Sample ID	Sample Location	Parameter	Test Method	L.O.Q. *	Final Results	Units **
01	DO - 4	TKN	EPA 351.2	1	1	mg/L
02	DO - 8	TKN	EPA 351.2	1	1	mg/L
03	DO - 7	TKN	EPA 351.2	1	1	mg/L
04	DO - 6	TKN	EPA 351.2	1	1	mg/L
05	DO - 5	TKN	EPA 351.2	1	1	mg/L
06	DO - 9	TKN	EPA 351.2	1	1	mg/L
07	DO - 2	TKN	EPA 351.2	1	1	mg/L
08	DO - 1	TKN	EPA 351.2	1	3	mg/L
09	Wastewater	TKN	EPA 351.2	1	104	mg/L

lo ~~Test~~

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. 390542

Project Information

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

Project Manager: Marvin Magee
Project ID: N/A

Sample ID: Please see below

Lab ID No.: 390542
Date Sampled: Dec-8-09
Sample Matrix: Water
Date Analyzed: Dec-11-09

Sample Depth: N/A
Preservative: Conc. H2SO4
Date Received: 12-08-2009 4:45PM
Analyst: G.V.

Sample ID	Sample Location	Parameter	Test Method	L.O.Q. *	Final Results	Units **
01	DO - 4	Nitrate as (N)	SM 4500-NO3-Emod	0.1	31.0	mg/L
02	DO - 8	Nitrate as (N)	SM 4500-NO3-Emod	0.1	2.5	mg/L
03	DO - 7	Nitrate as (N)	SM 4500-NO3-Emod	0.1	28.0	mg/L
04	DO - 6	Nitrate as (N)	SM 4500-NO3-Emod	0.1	2.3	mg/L
05	DO - 5	Nitrate as (N)	SM 4500-NO3-Emod	0.1	1.4	mg/L
06	DO - 9	Nitrate as (N)	SM 4500-NO3-Emod	0.1	10.0	mg/L
07	DO - 2	Nitrate as (N)	SM 4500-NO3-Emod	0.1	96.0	mg/L
08	DO - 1	Nitrate as (N)	SM 4500-NO3-Emod	0.1	107.0	mg/L
09	Wastewater	Nitrate as (N)	SM 4500-NO3-Emod	0.1	10.0	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. 390342

Project Information

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

Project Manager: Marvin Magee
Project ID: N/A

Sample ID: Please see below
Lab ID No.: 390342
Date Sampled: Aug-12-09
Sample Matrix: Water
Date Analyzed: Aug-14-09

Sample Depth: N/A
Preservative: Conc. H_2SO_4
Date Received: 08-12-09 2:00pm
Analyst: G.V.

Sample ID	*Sample Location*	*Parameter*	*Test Method*	*L.O.Q. **	*Final Results*	*Units ***
01	DO - 4	TKN	EPA 351.2	1	1	mg/L
02	DO - 8	TKN	EPA 351.2	1	1	mg/L
03	DO - 7	TKN	EPA 351.2	1	1	mg/L
04	DO - 6	TKN	EPA 351.2	1	1	mg/L
05	DO - 5	TKN	EPA 351.2	1	1	mg/L
06	DO - 9	TKN	EPA 351.2	1	1	mg/L
07	DO - 1	TKN	EPA 351.2	1	3	mg/L
08	DO-2	TKN	EPA 351.2	1	3	mg/L
09	Wastewater	TKN	EPA 351.2	1	120	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
Chief Analyst

DP-842

InterLab

Certificate of Analyses

No. 390342

Project Information

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

Project Manager: Marvin Magee
Project ID: N/A

Sample ID: Please see below

Lab ID No.: 390342
Date Sampled: Aug-12-09
Sample Matrix: Water
Date Analyzed: Aug-14-09

Sample Depth: N/A
Preservative: Conc. H_2SO_4
Date Received: 08-12-09 2:00pm
Analyst: G.V.

Sample ID	*Sample Location*	*Parameter*	*Test Method*	*L.O.Q.* *	*Final Results*	*Units* **
01	DO - 4	Nitrate as (N)	SM 4500-NO3-Emod	0.1	**26**	mg/L
02	DO - 8	Nitrate as (N)	SM 4500-NO3-Emod	0.1	**1.8**	mg/L
03	DO - 7	Nitrate as (N)	SM 4500-NO3-Emod	0.1	**36**	mg/L
04	DO - 6	Nitrate as (N)	SM 4500-NO3-Emod	0.1	**2.8**	mg/L
05	DO - 5	Nitrate as (N)	SM 4500-NO3-Emod	0.1	**0.8**	mg/L
06	DO - 9	Nitrate as (N)	SM 4500-NO3-Emod	0.1	**6**	mg/L
07	DO - 1	Nitrate as (N)	SM 4500-NO3-Emod	0.1	**127**	mg/L
08	DO-2	Nitrate as (N)	SM 4500-NO3-Emod	0.1	**66**	mg/L
09	Wastewater	Nitrate as (N)	SM 4500-NO3-Emod	0.1	**15**	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. 390342

Project Information

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

Project Manager: Marvin Magee
Project ID: N/A

Sample ID: Please see below
Lab ID No.: 390342
Date Sampled: Aug-12-09
Sample Matrix: Water
Date Analyzed: Aug-13-09

Sample Depth: N/A
Preservative: Ice
Date Received: 08-12-09 2:00pm
Analyst: G.V.

Sample ID	*Sample Location*	*Parameter*	*Test Method*	*L.O.Q. **	*Final Results*	*Units ***
01	DO - 4	Chloride as (Cl)	EPA 325.3	5.0	**680**	mg/L
02	DO - 8	Chloride as (Cl)	EPA 325.3	5.0	**520**	mg/L
03	DO - 7	Chloride as (Cl)	EPA 325.3	5.0	**780**	mg/L
04	DO - 6	Chloride as (Cl)	EPA 325.3	5.0	**440**	mg/L
05	DO - 5	Chloride as (Cl)	EPA 325.3	5.0	**500**	mg/L
06	DO - 9	Chloride as (Cl)	EPA 325.3	5.0	**460**	mg/L
07	DO - 1	Chloride as (Cl)	EPA 325.3	5.0	**1120**	mg/L
08	DO-2	Chloride as (Cl)	EPA 325.3	5.0	**1140**	mg/L
09	Wastewater	Chloride as (Cl)	EPA 325.3	5.0	**1300**	mg/L

ND = BOL = 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-692

InterLab

Certificate of Analyses

No. 390342

Project Information

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

Project Manager: Marvin Magee
Project ID: N/A

Sample ID: Please see below
Lab ID No.: 390342
Date Sampled: Aug-12-09
Sample Matrix: Water
Date Analyzed: Aug-13-09

Sample Depth: N/A
Preservative: Ice
Date Received: 08-12-09 2:00pm
Analyst: G.V.

Sample ID	*Sample Location*	*Parameter*	*Test Method*	*L.O.Q. **	*Final Results*	*Units ***
01	DO - 4	TDS	EPA 160.1	10.0	**2158**	mg/L
02	DO - 8	TDS	EPA 160.1	10.0	**1476**	mg/L
03	DO - 7	TDS	EPA 160.1	10.0	**3041**	mg/L
04	DO - 6	TDS	EPA 160.1	10.0	**1555**	mg/L
05	DO - 5	TDS	EPA 160.1	10.0	**1602**	mg/L
06	DO - 9	TDS	EPA 160.1	10.0	**1675**	mg/L
07	DO - 1	TDS	EPA 160.1	10.0	**4955**	mg/L
08	DO-2	TDS	EPA 160.1	10.0	**4317**	mg/L
09	Wastewater	TDS	EPA 160.1	10.0	**28250**	mg/L

ND = BQL = Below Quantitation Limit.

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Gracy K. Varughese
Gracy K. Varughese
Chief Analyst

InterLab

Certificate of Analyses

No. 390192

Project Information

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

Project Manager: Marvin Magee
Project ID: N/A

Sample ID: Please see below

Lab ID No.: 390192
Date Sampled: May-4-09
Sample Matrix: Water
Date Analyzed: May-6-09

Sample Depth: N/A
Preservative: Conc. H_2SO_4
Date Received: 5/4/09 3:00PM
Analyst: G.V.

Sample ID	*Sample Location*	*Parameter*	*Test Method*	*L.O.Q. **	*Final Results*	*Units ***
01	DO - 4	TKN	EPA 351.2	1	**1**	mg/L
02	DO - 8	TKN	EPA 351.2	1	**1**	mg/L
03	DO - 7	TKN	EPA 351.2	1	**1**	mg/L
04	DO - 6	TKN	EPA 351.2	1	**1**	mg/L
05	DO - 5	TKN	EPA 351.2	1	**1**	mg/L
06	DO - 9	TKN	EPA 351.2	1	**1**	mg/L
07	DO - 2	TKN	EPA 351.2	1	**1**	mg/L
08	DO-1	TKN	EPA 351.2	1	**3**	mg/L
09	Wastewater	TKN	EPA 351.2	1	**403**	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

DP-1092

InterLab

Certificate of Analyses
No. 390192

Project Information

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

Project Manager: Marvin Magee
Project ID: N/A

Sample ID: Please see below
Lab ID No.: 390192
Date Sampled: May-4-09
Sample Matrix: Water
Date Analyzed: May-6-09

Sample Depth: N/A
Preservative: Conc. H_2SO_4
Date Received: 5/4/09 3:00PM
Analyst: G.V.

Sample ID	*Sample Location*	*Parameter*	*Test Method*	*L.O.Q. **	*Final Results*	*Units ***
01	DO - 4	Nitrate as (N)	SM 4500-NO3-Emod	0.1	**26**	mg/L
02	DO - 8	Nitrate as (N)	SM 4500-NO3-Emod	0.1	**2.0**	mg/L
03	DO - 7	Nitrate as (N)	SM 4500-NO3-Emod	0.1	**50**	mg/L
04	DO - 6	Nitrate as (N)	SM 4500-NO3-Emod	0.1	**2.9**	mg/L
05	DO - 5	Nitrate as (N)	SM 4500-NO3-Emod	0.1	**1.0**	mg/L
06	DO - 9	Nitrate as (N)	SM 4500-NO3-Emod	0.1	**6**	mg/L
07	DO - 2	Nitrate as (N)	SM 4500-NO3-Emod	0.1	**52**	mg/L
08	DO-1	Nitrate as (N)	SM 4500-NO3-Emod	0.1	**120**	mg/L
09	Wastewater	Nitrate as (N)	SM 4500-NO3-Emod	0.1	**35**	mg/L

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Gracy K. Varughese
Gracy K. Varughese
Chief Analyst

InterLab

Certificate of Analyses
No. 390192

Project Information

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

Project Manager: Marvin Magee
Project ID: N/A

Sample ID: Please see below
Lab ID No.: 390192
Date Sampled: May-4-09
Sample Matrix: Water
Date Analyzed: May-5-09

Sample Depth: N/A
Preservative: Ice
Date Received: 5/4/09 3:00PM
Analyst: G.V.

Sample ID	Sample Location	Parameter	Test Method	L.O.Q. *	Final Results	Units **
01	DO - 4	Chloride as (Cl)	EPA 325.3	5.0	580	mg/L
02	DO - 8	Chloride as (Cl)	EPA 325.3	5.0	480	mg/L
03	DO - 7	Chloride as (Cl)	EPA 325.3	5.0	960	mg/L
04	DO - 6	Chloride as (Cl)	EPA 325.3	5.0	500	mg/L
05	DO - 5	Chloride as (Cl)	EPA 325.3	5.0	500	mg/L
06	DO - 9	Chloride as (Cl)	EPA 325.3	5.0	480	mg/L
07	DO - 2	Chloride as (Cl)	EPA 325.3	5.0	1100	mg/L
08	DO-1	Chloride as (Cl)	EPA 325.3	5.0	1160	mg/L
09	Wastewater	Chloride as (Cl)	EPA 325.3	5.0	1960	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

DP-692

InterLab

Certificate of Analyses
No. 390192

Project Information

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

Project Manager: Marvin Magee
Project ID: N/A

Sample ID: Please see below
Lab ID No.: 390192
Date Sampled: May-4-09
Sample Matrix: Water
Date Analyzed: May-5-09

Sample Depth: N/A
Preservative: Ice
Date Received: 5/4/09 3:00PM
Analyst: G.V.

Sample ID	*Sample Location*	*Parameter*	*Test Method*	*L.O.Q. **	*Final Results*	*Units ***
01	DO - 4	TDS	EPA 160.1	10.0	**2081**	mg/L
02	DO - 8	TDS	EPA 160.1	10.0	**1476**	mg/L
03	DO - 7	TDS	EPA 160.1	10.0	**3480**	mg/L
04	DO - 6	TDS	EPA 160.1	10.0	**1552**	mg/L
05	DO - 5	TDS	EPA 160.1	10.0	**1477**	mg/L
06	DO - 9	TDS	EPA 160.1	10.0	**1545**	mg/L
07	DO - 2	TDS	EPA 160.1	10.0	**3337**	mg/L
08	DO-1	TDS	EPA 160.1	10.0	**4295**	mg/L
09	Wastewater	TDS	EPA 160.1	10.0	**20144**	mg/L

ND = BQL = Below Quantitation Limit.

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Gracy K. Varughese
Grady K. Varughese
Chief Analyst

InterLab

Certificate of Analyses
No. 380560

Project Information

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

Project Manager: Marvin Magee
Project ID: N/A

Sample ID: Please see below

Lab ID No.: 380560
Date Sampled: Dec-15-08
Sample Matrix: Water
Date Analyzed: Dec-16-08

Sample Depth: N/A
Preservative: Ice
Date Received: 12/15/08 2:00PM
Analyst: G.V.

Sample ID	*Sample Location*	*Parameter*	*Test Method*	*L.O.Q. **	*Final Results*	*Units ***
01	DO - 4	Chloride as (Cl)	EPA 325.3	5.0	**600**	mg/L
02	DO - 8	Chloride as (Cl)	EPA 325.3	5.0	**500**	mg/L
03	DO - 7	Chloride as (Cl)	EPA 325.3	5.0	**1020**	mg/L
04	DO - 6	Chloride as (Cl)	EPA 325.3	5.0	**480**	mg/L
05	DO - 5	Chloride as (Cl)	EPA 325.3	5.0	**540**	mg/L
06	DO - 9	Chloride as (Cl)	EPA 325.3	5.0	**500**	mg/L
07	DO - 2	Chloride as (Cl)	EPA 325.3	5.0	**820**	mg/L
08	DO-1	Chloride as (Cl)	EPA 325.3	5.0	**1280**	mg/L
09	Wastewater	Chloride as (Cl)	EPA 325.3	5.0	**1500**	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. 380560

Project Information

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

Project Manager: Marvin Magee
Project ID: N/A

Sample ID: Please see below
Lab ID No.: 380560
Date Sampled: Dec-15-08
Sample Matrix: Water
Date Analyzed: Dec-17-08

Sample Depth: N/A
Preservative: Conc. H_2SO_4
Date Received: 12/15/08 2:00PM
Analyst: G.V.

Sample ID	*Sample Location*	*Parameter*	*Test Method*	*L.O.Q. **	*Final Results*	*Units ***
01	DO - 4	TKN	EPA 351.2	1	**1**	mg/L
02	DO - 8	TKN	EPA 351.2	1	**1**	mg/L
03	DO - 7	TKN	EPA 351.2	1	**1**	mg/L
04	DO - 6	TKN	EPA 351.2	1	**1**	mg/L
05	DO - 5	TKN	EPA 351.2	1	**1**	mg/L
06	DO - 9	TKN	EPA 351.2	1	**1**	mg/L
07	DO - 2	TKN	EPA 351.2	1	**1**	mg/L
08	DO-1	TKN	EPA 351.2	1	**3**	mg/L
09	Wastewater	TKN	EPA 351.2	1	**316**	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-692

InterLab

Certificate of Analyses
No. 380560

Project Information

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

Project Manager: Marvin Magee
Project ID: N/A

Sample ID: Please see below

Lab ID No.: 380560
Date Sampled: Dec-15-08
Sample Matrix: Water
Date Analyzed: Dec-16-08

Sample Depth: N/A
Preservative: Ice
Date Received: 12/15/08 2:00PM
Analyst: G.V.

Sample ID	*Sample Location*	*Parameter*	*Test Method*	*L.O.Q. **	*Final Results*	*Units ***
01	DO - 4	TDS	EPA 160.1	10.0	**2003**	mg/L
02	DO - 8	TDS	EPA 160.1	10.0	**1523**	mg/L
03	DO - 7	TDS	EPA 160.1	10.0	**3554**	mg/L
04	DO - 6	TDS	EPA 160.1	10.0	**1508**	mg/L
05	DO - 5	TDS	EPA 160.1	10.0	**1496**	mg/L
06	DO - 9	TDS	EPA 160.1	10.0	**1590**	mg/L
07	DO - 2	TDS	EPA 160.1	10.0	**2738**	mg/L
08	DO-1	TDS	EPA 160.1	10.0	**5356**	mg/L
09	Wastewater	TDS	EPA 160.1	10.0	**22554**	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. 380560

Project Information

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

Project Manager: Marvin Magee
Project ID: N/A

Sample ID: Please see below
Lab ID No.: 380560
Date Sampled: Dec-15-08
Sample Matrix: Water
Date Analyzed: Dec-16-08

Sample Depth: N/A
Preservative: Conc. H_2SO_4
Date Received: 12/15/08 2:00PM
Analyst: G.V.

Sample ID	*Sample Location*	*Parameter*	*Test Method*	*L.O.Q. **	*Final Results*	*Units ***
01	DO - 4	Nitrate as (N)	SM 4500-NO3-Emod	0.1	**22**	mg/L
02	DO - 8	Nitrate as (N)	SM 4500-NO3-Emod	0.1	**2.6**	mg/L
03	DO - 7	Nitrate as (N)	SM 4500-NO3-Emod	0.1	**54**	mg/L
04	DO - 6	Nitrate as (N)	SM 4500-NO3-Emod	0.1	**2.7**	mg/L
05	DO - 5	Nitrate as (N)	SM 4500-NO3-Emod	0.1	**1.0**	mg/L
06	DO - 9	Nitrate as (N)	SM 4500-NO3-Emod	0.1	**6.0**	mg/L
07	DO - 2	Nitrate as (N)	SM 4500-NO3-Emod	0.1	**33**	mg/L
08	DO-1	Nitrate as (N)	SM 4500-NO3-Emod	0.1	**132.5**	mg/L
09	Wastewater	Nitrate as (N)	SM 4500-NO3-Emod	0.1	**20**	mg/L

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Gracy K. Varughese
Chief Analyst

OP-69Z

InterLab

Certificate of Analyses
No. 330564

Project Information

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

Project Manager: Marvin Magee
Project ID: N/A

Sample ID: Please see below
Lab ID No.: 330564
Date Sampled: Dec-16-03
Sample Matrix: Water
Date Analyzed: Dec-22-03

Sample Depth: N/A
Preservative: H_2SO_4
Date Received: Dec-16-03 4:19 PM
Analyst: G.V.

Sample ID	*Sample Location*	*Parameter*	*Test Method*	*L.O.Q. **	*Final Results*	*Units ***
01	DO - 8	Nitrate as (N)	SM 4500-NO3-Emod	0.1	**1.8**	mg/L
02	DO - 7	Nitrate as (N)	SM 4500-NO3-Emod	0.1	**24.0**	mg/L
03	DO - 6	Nitrate as (N)	SM 4500-NO3-Emod	0.1	**0.6**	mg/L
04	DO - 5	Nitrate as (N)	SM 4500-NO3-Emod	0.1	**0.7**	mg/L
05	DO - 2	Nitrate as (N)	SM 4500-NO3-Emod	0.1	**170.0**	mg/L
06	DO - 4	Nitrate as (N)	SM 4500-NO3-Emod	0.1	**75.0**	mg/L
07	DO - 1	Nitrate as (N)	SM 4500-NO3-Emod	0.1	**145.0**	mg/L
08	DO - 3	Nitrate as (N)	SM 4500-NO3-Emod	0.1	**245.0**	mg/L
09	Wastewater	Nitrate as (N)	SM 4500-NO3-Emod	0.1	**9.0**	mg/L

ND = BQL = Below Quantitation Limit.

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Gracy K. Varughese
Gracy K. Varughese
Chief Analyst

InterLab

Certificate of Analyses
No. 330564

Project Information

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

Project Manager: Marvin Magee
Project ID: N/A

Sample ID: Please see below
Lab ID No.: 330564
Date Sampled: Dec-16-03
Sample Matrix: Water
Date Analyzed: Dec-22-03

Sample Depth: N/A
Preservative: H_2SO_4
Date Received: Dec-16-03 4:19 PM
Analyst: G.V.

Sample ID	*Sample Location*	*Parameter*	*Test Method*	*L.O.Q. **	*Final Results*	*Units ***
01	DO - 8	TKN	EPA 351.2	1	**1**	mg/L
02	DO - 7	TKN	EPA 351.2	1	**1**	mg/L
03	DO - 6	TKN	EPA 351.2	1	**1**	mg/L
04	DO - 5	TKN	EPA 351.2	1	**1**	mg/L
05	DO - 2	TKN	EPA 351.2	1	**1**	mg/L
06	DO - 4	TKN	EPA 351.2	1	**1**	mg/L
07	DO - 1	TKN	EPA 351.2	1	**3**	mg/L
08	DO - 3	TKN	EPA 351.2	1	**3**	mg/L
09	Wastewater	TKN	EPA 351.2	1	**410**	mg/L

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Gracy K. Varughese
Chief Analyst

DP-692

InterLab

Certificate of Analyses
No. 330564

Project Information

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

Project Manager: Marvin Magee
Project ID: N/A

Sample ID: Please see below
Lab ID No.: 330564
Date Sampled: Dec-16-03
Sample Matrix: Water
Date Analyzed: Dec-17-03

Sample Depth: N/A
Preservative: Ice
Date Received: Dec-16-03 4:19 PM
Analyst: G.V.

Sample ID	*Sample Location*	*Parameter*	*Test Method*	*L.O.Q. **	*Final Results*	*Units ***
01	DO - 8	TDS	EPA 160.1	10.0	**1444.0**	mg/L
02	DO - 7	TDS	EPA 160.1	10.0	**2094.0**	mg/L
03	DO - 6	TDS	EPA 160.1	10.0	**1565.0**	mg/L
04	DO - 5	TDS	EPA 160.1	10.0	**1604.0**	mg/L
05	DO - 2	TDS	EPA 160.1	10.0	**4582.0**	mg/L
06	DO - 4	TDS	EPA 160.1	10.0	**3384.0**	mg/L
07	DO - 1	TDS	EPA 160.1	10.0	**4913.0**	mg/L
08	DO - 3	TDS	EPA 160.1	10.0	**3461.0**	mg/L
09	Wastewater	TDS	EPA 160.1	10.0	**4810.0**	mg/L

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Gracy K. Varughese
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Chief Analyst

InterLab

Certificate of Analyses
No. 330564

Project Information

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

Project Manager: Marvin Magee
Project ID: N/A

Sample ID: Please see below
Lab ID No.: 330564
Date Sampled: Dec-16-03
Sample Matrix: Water
Date Analyzed: Dec-18-03

Sample Depth: N/A
Preservative: Ice
Date Received: Dec-16-03 4:19 PM
Analyst: G.V.

Sample ID	*Sample Location*	*Parameter*	*Test Method*	*L.O.Q. **	*Final Results*	*Units ***
01	DO - 8	Chloride as (Cl)	EPA 325.3	5.0	**480.0**	mg/L
02	DO - 7	Chloride as (Cl)	EPA 325.3	5.0	**680.0**	mg/L
03	DO - 6	Chloride as (Cl)	EPA 325.3	5.0	**500.0**	mg/L
04	DO - 5	Chloride as (Cl)	EPA 325.3	5.0	**520.0**	mg/L
05	DO - 2	Chloride as (Cl)	EPA 325.3	5.0	**1320.0**	mg/L
06	DO - 4	Chloride as (Cl)	EPA 325.3	5.0	**840.0**	mg/L
07	DO - 1	Chloride as (Cl)	EPA 325.3	5.0	**1280.0**	mg/L
08	DO - 3	Chloride as (Cl)	EPA 325.3	5.0	**560.0**	mg/L
09	Wastewater	Chloride as (Cl)	EPA 325.3	5.0	**720.0**	mg/L

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Gracy K. Varughese
Gracy K. Varughese
Chief Analyst

DP-692

InterLab

Certificate of Analyses
No. 370614

Project Information

Client: Magee & Associates
Project Name: Del Oro
Project Location: Las Cruces, NM

Project Manager: Marvin Magee
Project ID: N/A

Sample ID: Please see below
Lab ID No.: 370614
Date Sampled: Dec-5-07
Sample Matrix: Water
Date Analyzed: Dec-6-07

Sample Depth: N/A
Preservative: Conc. H_2SO_4
Date Received: 12/5/07 4:55PM
Analyst: G.V.

Sample ID	*Sample Location*	*Parameter*	*Test Method*	*L.O.Q. **	*Final Results*	*Units ***
01	DO - 8	TKN	EPA 351.2	1	**1**	mg/L
02	DO - 7	TKN	EPA 351.2	1	**1**	mg/L
03	DO - 6	TKN	EPA 351.2	1	**1**	mg/L
04	DO - 5	TKN	EPA 351.2	1	**1**	mg/L
05	DO - 9	TKN	EPA 351.2	1	**1**	mg/L
06	DO - 4	TKN	EPA 351.2	1	**1**	mg/L
07	DO - 2	TKN	EPA 351.2	1	**1**	mg/L
08	DO - 1	TKN	EPA 351.2	1	**3**	mg/L
09	Wastewater	TKN	EPA 351.2	1	**422**	mg/L

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Gracy K. Varughese
Gracy K. Varughese
Chief Analyst

InterLab

Certificate of Analyses

No. 370614

Project Information

Client: Magee & Associates
Project Name: Del Oro
Project Location: Las Cruces, NM

Project Manager: Marvin Magee
Project ID: N/A

Sample ID: Please see below
Lab ID No.: 370614
Date Sampled: Dec-5-07
Sample Matrix: Water
Date Analyzed: Dec-7-07

Sample Depth: N/A
Preservative: Conc. H_2SO_4
Date Received: 12/5/07 4:55PM
Analyst: G.V.

Sample ID	*Sample Location*	*Parameter*	*Test Method*	*L.O.Q. **	*Final Results*	*Units ***
01	DO - 8	Nitrate as (N)	SM 4500-NO3-Emod	0.1	**2.5**	mg/L
02	DO - 7	Nitrate as (N)	SM 4500-NO3-Emod	0.1	**55**	mg/L
03	DO - 6	Nitrate as (N)	SM 4500-NO3-Emod	0.1	**2.0**	mg/L
04	DO - 5	Nitrate as (N)	SM 4500-NO3-Emod	0.1	**0.2**	mg/L
05	DO - 9	Nitrate as (N)	SM 4500-NO3-Emod	0.1	**3.8**	mg/L
06	DO - 4	Nitrate as (N)	SM 4500-NO3-Emod	0.1	**45**	mg/L
07	DO - 2	Nitrate as (N)	SM 4500-NO3-Emod	0.1	**62.5**	mg/L
08	DO - 1	Nitrate as (N)	SM 4500-NO3-Emod	0.1	**110**	mg/L
09	Wastewater	Nitrate as (N)	SM 4500-NO3-Emod	0.1	**5.0**	mg/L

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Gracy K. Varughese
Chief Analyst

DP-692

InterLab

Certificate of Analyses

No. 370614

Project Information

Client: Magee & Associates
Project Name: Del Oro
Project Location: Las Cruces, NM

Project Manager: Marvin Magee
Project ID: N/A

Sample ID: Please see below
Lab ID No.: 370614
Date Sampled: Dec-5-07
Sample Matrix: Water
Date Analyzed: Dec-6-07

Sample Depth: N/A
Preservative: Ice
Date Received: 12/5/07 4:55PM
Analyst: G.V.

Sample ID	*Sample Location*	*Parameter*	*Test Method*	*L.O.Q. **	*Final Results*	*Units ***
01	DO - 8	TDS	EPA 160.1	10.0	**1455**	mg/L
02	DO - 7	TDS	EPA 160.1	10.0	**3464**	mg/L
03	DO - 6	TDS	EPA 160.1	10.0	**1560**	mg/L
04	DO - 5	TDS	EPA 160.1	10.0	**1529**	mg/L
05	DO - 9	TDS	EPA 160.1	10.0	**1500**	mg/L
06	DO - 4	TDS	EPA 160.1	10.0	**3980**	mg/L
07	DO - 2	TDS	EPA 160.1	10.0	**4480**	mg/L
08	DO - 1	TDS	EPA 160.1	10.0	**5672**	mg/L
09	Wastewater	TDS	EPA 160.1	10.0	**13290**	mg/L

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Gracy K. Varughese
Gracy K. Varughese
Chief Analyst

InterLab

Certificate of Analyses
No. 370614

Project Information

Client: Magee & Associates
Project Name: Del Oro
Project Location: Las Cruces, NM

Project Manager: Marvin Magee
Project ID: N/A

Sample ID: Please see below
Lab ID No.: 370614
Date Sampled: Dec-5-07
Sample Matrix: Water
Date Analyzed: Dec-7-07

Sample Depth: N/A
Preservative: Ice
Date Received: 12/5/07 4:55PM
Analyst: G.V.

Sample ID	*Sample Location*	*Parameter*	*Test Method*	*L.O.Q. **	*Final Results*	*Units ***
01	DO - 8	Chloride as (Cl)	EPA 325.3	5.0	**480**	mg/L
02	DO - 7	Chloride as (Cl)	EPA 325.3	5.0	**920**	mg/L
03	DO - 6	Chloride as (Cl)	EPA 325.3	5.0	**520**	mg/L
04	DO - 5	Chloride as (Cl)	EPA 325.3	5.0	**500**	mg/L
05	DO - 9	Chloride as (Cl)	EPA 325.3	5.0	**500**	mg/L
06	DO - 4	Chloride as (Cl)	EPA 325.3	5.0	**1040**	mg/L
07	DO - 2	Chloride as (Cl)	EPA 325.3	5.0	**1320**	mg/L
08	DO - 1	Chloride as (Cl)	EPA 325.3	5.0	**1460**	mg/L
09	Wastewater	Chloride as (Cl)	EPA 325.3	5.0	**1120**	mg/L

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Chief Analyst