

APPENDIX C

ANALYTICAL LABORATORY REPORTS
(Provided Electronically via CD)

ANALYTICAL REPORT

PREPARED FOR

Attn: Regina Mullen
EA Engineering
320 Gold Ave SW
Suite 1210
Albuquerque, New Mexico 87102

Generated 6/11/2025 11:24:07 AM

JOB DESCRIPTION

Big Sky Dairy

JOB NUMBER

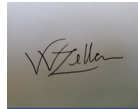
885-25811-1

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



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Definitions/Glossary

Client: EA Engineering
Project/Site: Big Sky Dairy

Job ID: 885-25811-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EA Engineering
Project: Big Sky Dairy

Job ID: 885-25811-1

Job ID: 885-25811-1

Eurofins Albuquerque

Job Narrative 885-25811-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The sample was received on 6/2/2025 9:35 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.8°C.

HPLC/IC

Method 300_OF_28D_NO3: The following sample was diluted due to the nature of the sample matrix: 833-06 (885-25811-1). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

Method 351.2: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 885-27777 and analytical batch 885-27894 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 351.2: The following sample contained elevated nitrate levels which inhibited the recovery of Total Kjeldahl Nitrogen (TKN): 833-06 (885-25811-1).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: EA Engineering
Project/Site: Big Sky Dairy

Job ID: 885-25811-1

Client Sample ID: 833-06

Lab Sample ID: 885-25811-1

Date Collected: 05/30/25 15:05

Matrix: Water

Date Received: 06/02/25 09:35

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	780		5.0	mg/L			06/05/25 13:44	10
Sulfate	510		5.0	mg/L			06/05/25 13:44	10
Nitrate Nitrite as N	35		2.0	mg/L			06/10/25 18:41	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2500		100	mg/L			06/05/25 15:42	1
Nitrogen, Total Kjeldahl (EPA 351.2)	ND	F1	0.50	mg/L		06/06/25 11:54	06/09/25 14:46	1

QC Sample Results

Client: EA Engineering
Project/Site: Big Sky Dairy

Job ID: 885-25811-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-27555/4

Matrix: Water

Analysis Batch: 27555

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	mg/L			06/05/25 08:09	1
Sulfate	ND		0.50	mg/L			06/05/25 08:09	1

Lab Sample ID: LCS 885-27555/5

Matrix: Water

Analysis Batch: 27555

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.00	5.03		mg/L		101	90 - 110
Sulfate	10.0	9.72		mg/L		97	90 - 110

Lab Sample ID: MRL 885-27555/3

Matrix: Water

Analysis Batch: 27555

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.545		mg/L		109	50 - 150
Sulfate	0.500	0.550		mg/L		110	50 - 150

Lab Sample ID: MB 885-27926/4

Matrix: Water

Analysis Batch: 27926

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	ND		0.20	mg/L			06/10/25 09:05	1

Lab Sample ID: LCS 885-27926/5

Matrix: Water

Analysis Batch: 27926

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	2.50	2.57		mg/L		103	90 - 110
Nitrite	1.00	0.971		mg/L		97	90 - 110
Nitrate Nitrite as N	3.50	3.54		mg/L		101	90 - 110

Lab Sample ID: MRL 885-27926/3

Matrix: Water

Analysis Batch: 27926

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	0.100	0.0986	J	mg/L		98	50 - 150
Nitrite	0.100	0.0922	J	mg/L		92	50 - 150
Nitrate Nitrite as N	0.200	0.191	J	mg/L		95	50 - 150

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QC Sample Results

Client: EA Engineering
Project/Site: Big Sky Dairy

Job ID: 885-25811-1

Method: 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 885-27697/1

Matrix: Water

Analysis Batch: 27697

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		50	mg/L			06/05/25 15:42	1

Lab Sample ID: LCS 885-27697/2

Matrix: Water

Analysis Batch: 27697

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	1010		mg/L		101	80 - 120

Method: 351.2 - Nitrogen, Total Kjeldahl

Lab Sample ID: MRL 885-27776/4-A

Matrix: Water

Analysis Batch: 27894

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27776

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	0.500	ND		mg/L		92	50 - 150

Lab Sample ID: MB 885-27777/1-A

Matrix: Water

Analysis Batch: 27894

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27777

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Total Kjeldahl	ND		0.50	mg/L		06/06/25 11:54	06/09/25 14:18	1

Lab Sample ID: LCS 885-27777/3-A

Matrix: Water

Analysis Batch: 27894

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27777

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	10.0	10.1		mg/L		101	90 - 110

Lab Sample ID: MRL 885-27777/2-A

Matrix: Water

Analysis Batch: 27894

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27777

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	0.500	0.523		mg/L		105	50 - 150

Lab Sample ID: 885-25811-1 MS

Matrix: Water

Analysis Batch: 27894

Client Sample ID: 833-06

Prep Type: Total/NA

Prep Batch: 27777

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	ND	F1	10.0	3.03	F1	mg/L		30	90 - 110

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QC Sample Results

Client: EA Engineering
Project/Site: Big Sky Dairy

Job ID: 885-25811-1

Method: 351.2 - Nitrogen, Total Kjeldahl (Continued)

Lab Sample ID: 885-25811-1 MSD										Client Sample ID: 833-06		
Matrix: Water										Prep Type: Total/NA		
Analysis Batch: 27894										Prep Batch: 27777		
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Nitrogen, Total Kjeldahl	ND	F1	10.0	3.58	F1	mg/L		36	90 - 110	17	20	

QC Association Summary

Client: EA Engineering
Project/Site: Big Sky Dairy

Job ID: 885-25811-1

HPLC/IC

Analysis Batch: 27555

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25811-1	833-06	Total/NA	Water	300.0	
MB 885-27555/4	Method Blank	Total/NA	Water	300.0	
LCS 885-27555/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-27555/3	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 27926

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25811-1	833-06	Total/NA	Water	300.0	
MB 885-27926/4	Method Blank	Total/NA	Water	300.0	
LCS 885-27926/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-27926/3	Lab Control Sample	Total/NA	Water	300.0	

General Chemistry

Analysis Batch: 27697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25811-1	833-06	Total/NA	Water	2540C	
MB 885-27697/1	Method Blank	Total/NA	Water	2540C	
LCS 885-27697/2	Lab Control Sample	Total/NA	Water	2540C	

Prep Batch: 27776

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MRL 885-27776/4-A	Lab Control Sample	Total/NA	Water	351.2	

Prep Batch: 27777

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25811-1	833-06	Total/NA	Water	351.2	
MB 885-27777/1-A	Method Blank	Total/NA	Water	351.2	
LCS 885-27777/3-A	Lab Control Sample	Total/NA	Water	351.2	
MRL 885-27777/2-A	Lab Control Sample	Total/NA	Water	351.2	
885-25811-1 MS	833-06	Total/NA	Water	351.2	
885-25811-1 MSD	833-06	Total/NA	Water	351.2	

Analysis Batch: 27894

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25811-1	833-06	Total/NA	Water	351.2	27777
MB 885-27777/1-A	Method Blank	Total/NA	Water	351.2	27777
LCS 885-27777/3-A	Lab Control Sample	Total/NA	Water	351.2	27777
MRL 885-27776/4-A	Lab Control Sample	Total/NA	Water	351.2	27776
MRL 885-27777/2-A	Lab Control Sample	Total/NA	Water	351.2	27777
885-25811-1 MS	833-06	Total/NA	Water	351.2	27777
885-25811-1 MSD	833-06	Total/NA	Water	351.2	27777

Lab Chronicle

Client: EA Engineering
Project/Site: Big Sky Dairy

Job ID: 885-25811-1

Client Sample ID: 833-06

Date Collected: 05/30/25 15:05

Date Received: 06/02/25 09:35

Lab Sample ID: 885-25811-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	27926	RC	EET ALB	06/10/25 18:41
Total/NA	Analysis	300.0		10	27555	JT	EET ALB	06/05/25 13:44
Total/NA	Analysis	2540C		1	27697	HR	EET ALB	06/05/25 15:42
Total/NA	Prep	351.2			27777	EH	EET ALB	06/06/25 11:54
Total/NA	Analysis	351.2		1	27894	EH	EET ALB	06/09/25 14:46

Laboratory References:
EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: EA Engineering
Project/Site: Big Sky Dairy

Job ID: 885-25811-1

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-27-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
2540C		Water	Total Dissolved Solids
300.0		Water	Chloride
300.0		Water	Nitrate Nitrite as N
300.0		Water	Sulfate
351.2	351.2	Water	Nitrogen, Total Kjeldahl

Oregon	NELAP	NM100001	02-26-26
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The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
351.2	351.2	Water	Nitrogen, Total Kjeldahl

Login Sample Receipt Checklist

Client: EA Engineering

Job Number: 885-25811-1

Login Number: 25811

List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

PREPARED FOR

Attn: Regina Mullen
EA Engineering
320 Gold Ave SW
Suite 1210
Albuquerque, New Mexico 87102

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JOB DESCRIPTION

Big Sky Dairy

JOB NUMBER

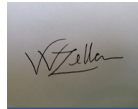
885-25889-1

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



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Authorized for release by
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Definitions/Glossary

Client: EA Engineering
Project/Site: Big Sky Dairy

Job ID: 885-25889-1

Qualifiers

General Chemistry

Qualifier	Qualifier Description
E	Result exceeded calibration range.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EA Engineering
Project: Big Sky Dairy

Job ID: 885-25889-1

Job ID: 885-25889-1

Eurofins Albuquerque

Job Narrative 885-25889-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 6/3/2025 9:45 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.0°C.

HPLC/IC

Method 300_OF_48H_PREC: The following samples were diluted due to the nature of the sample matrix: 833-04 (885-25889-1), 833-02 (885-25889-2) and 833-05 (885-25889-3). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

Method 2540C_SingleDry: The analysis volume selected for the following sample produced a base result greater than 200mg before calculation of the final result: 833-02 (885-25889-2). Reanalysis could not be performed due to, holding time exceedance. Visual inspection by analyst shows no signs of trapped moisture, report as is. The reference method specifies that no more than 200mg of weight be recovered for a chosen sample analysis volume in order to produce the best data precision. As such, these data have been qualified.

Method 351.2: The following samples were diluted due to the nature of the sample matrix: 833-04 (885-25889-1), 833-02 (885-25889-2) and 833-05 (885-25889-3). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Albuquerque

Client Sample Results

Client: EA Engineering
Project/Site: Big Sky Dairy

Job ID: 885-25889-1

Client Sample ID: 833-04

Lab Sample ID: 885-25889-1

Date Collected: 06/02/25 10:17

Matrix: Water

Date Received: 06/03/25 09:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	740		5.0	mg/L			06/03/25 14:21	10
Nitrate	21		1.0	mg/L			06/03/25 14:21	10
Nitrite	ND		10	mg/L			06/03/25 15:02	100
Sulfate	410		5.0	mg/L			06/03/25 14:21	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2400		100	mg/L			06/05/25 15:42	1
Nitrogen, Total Kjeldahl (EPA 351.2)	ND		1.3	mg/L		06/10/25 11:41	06/12/25 12:21	1

Client Sample Results

Client: EA Engineering
Project/Site: Big Sky Dairy

Job ID: 885-25889-1

Client Sample ID: 833-02

Lab Sample ID: 885-25889-2

Date Collected: 06/02/25 12:50

Matrix: Water

Date Received: 06/03/25 09:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1000		50	mg/L			06/03/25 15:29	100
Nitrate	65		1.0	mg/L			06/03/25 15:15	10
Nitrite	ND		10	mg/L			06/03/25 15:29	100
Sulfate	570		5.0	mg/L			06/03/25 15:15	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3300	E	50	mg/L			06/05/25 15:42	1
Nitrogen, Total Kjeldahl (EPA 351.2)	ND		13	mg/L		06/10/25 11:41	06/12/25 12:23	1

Client Sample Results

Client: EA Engineering
Project/Site: Big Sky Dairy

Job ID: 885-25889-1

Client Sample ID: 833-05

Lab Sample ID: 885-25889-3

Date Collected: 06/02/25 15:20

Matrix: Water

Date Received: 06/03/25 09:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1300		50	mg/L			06/03/25 15:56	100
Nitrate	26		1.0	mg/L			06/03/25 15:42	10
Nitrite	ND		10	mg/L			06/03/25 15:56	100
Sulfate	450		5.0	mg/L			06/03/25 15:42	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3400		100	mg/L			06/05/25 15:42	1
Nitrogen, Total Kjeldahl (EPA 351.2)	ND		2.5	mg/L		06/10/25 11:41	06/12/25 12:24	1

QC Sample Results

Client: EA Engineering
Project/Site: Big Sky Dairy

Job ID: 885-25889-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-27418/4

Matrix: Water

Analysis Batch: 27418

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	mg/L			06/03/25 08:17	1
Sulfate	ND		0.50	mg/L			06/03/25 08:17	1

Lab Sample ID: LCS 885-27418/12

Matrix: Water

Analysis Batch: 27418

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.00	4.85		mg/L		97	90 - 110
Sulfate	10.0	9.50		mg/L		95	90 - 110

Lab Sample ID: MRL 885-27418/3

Matrix: Water

Analysis Batch: 27418

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.545		mg/L		109	50 - 150
Sulfate	0.500	0.545		mg/L		109	50 - 150

Lab Sample ID: MB 885-27419/4

Matrix: Water

Analysis Batch: 27419

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate	ND		0.10	mg/L			06/03/25 08:17	1
Nitrite	ND		0.10	mg/L			06/03/25 08:17	1

Lab Sample ID: LCS 885-27419/12

Matrix: Water

Analysis Batch: 27419

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	2.50	2.50		mg/L		100	90 - 110
Nitrite	1.00	0.935		mg/L		93	90 - 110

Lab Sample ID: MRL 885-27419/3

Matrix: Water

Analysis Batch: 27419

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	0.100	0.102		mg/L		102	50 - 150
Nitrite	0.100	0.104		mg/L		104	50 - 150

Lab Sample ID: 885-25889-1 MS

Matrix: Water

Analysis Batch: 27419

Client Sample ID: 833-04

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	21		25.0	46.0		mg/L		101	80 - 120
Nitrite	ND		10.0	8.56		mg/L		86	80 - 120

Eurofins Albuquerque

QC Sample Results

Client: EA Engineering
Project/Site: Big Sky Dairy

Job ID: 885-25889-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 885-25889-1 MSD

Matrix: Water

Analysis Batch: 27419

Client Sample ID: 833-04

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate	21		25.0	45.6		mg/L		100	80 - 120	1	20
Nitrite	ND		10.0	8.54		mg/L		85	80 - 120	0	20

Method: 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 885-27697/1

Matrix: Water

Analysis Batch: 27697

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		50	mg/L			06/05/25 15:42	1

Lab Sample ID: LCS 885-27697/2

Matrix: Water

Analysis Batch: 27697

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	1010		mg/L		101	80 - 120

Method: 351.2 - Nitrogen, Total Kjeldahl

Lab Sample ID: MB 885-27962/3-A

Matrix: Water

Analysis Batch: 28183

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27962

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Total Kjeldahl	ND		0.50	mg/L		06/10/25 11:41	06/12/25 12:12	1

Lab Sample ID: LCS 885-27962/5-A

Matrix: Water

Analysis Batch: 28183

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27962

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	10.0	9.98		mg/L		100	90 - 110

Lab Sample ID: MRL 885-27962/4-A

Matrix: Water

Analysis Batch: 28183

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27962

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	0.500	0.548		mg/L		110	50 - 150

Eurofins Albuquerque

QC Association Summary

Client: EA Engineering
Project/Site: Big Sky Dairy

Job ID: 885-25889-1

HPLC/IC

Analysis Batch: 27418

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25889-1	833-04	Total/NA	Water	300.0	
885-25889-2	833-02	Total/NA	Water	300.0	
885-25889-2	833-02	Total/NA	Water	300.0	
885-25889-3	833-05	Total/NA	Water	300.0	
885-25889-3	833-05	Total/NA	Water	300.0	
MB 885-27418/4	Method Blank	Total/NA	Water	300.0	
LCS 885-27418/12	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-27418/3	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 27419

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25889-1	833-04	Total/NA	Water	300.0	
885-25889-1	833-04	Total/NA	Water	300.0	
885-25889-2	833-02	Total/NA	Water	300.0	
885-25889-2	833-02	Total/NA	Water	300.0	
885-25889-3	833-05	Total/NA	Water	300.0	
885-25889-3	833-05	Total/NA	Water	300.0	
MB 885-27419/4	Method Blank	Total/NA	Water	300.0	
LCS 885-27419/12	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-27419/3	Lab Control Sample	Total/NA	Water	300.0	
885-25889-1 MS	833-04	Total/NA	Water	300.0	
885-25889-1 MSD	833-04	Total/NA	Water	300.0	

General Chemistry

Analysis Batch: 27697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25889-1	833-04	Total/NA	Water	2540C	
885-25889-2	833-02	Total/NA	Water	2540C	
885-25889-3	833-05	Total/NA	Water	2540C	
MB 885-27697/1	Method Blank	Total/NA	Water	2540C	
LCS 885-27697/2	Lab Control Sample	Total/NA	Water	2540C	

Prep Batch: 27962

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25889-1	833-04	Total/NA	Water	351.2	
885-25889-2	833-02	Total/NA	Water	351.2	
885-25889-3	833-05	Total/NA	Water	351.2	
MB 885-27962/3-A	Method Blank	Total/NA	Water	351.2	
LCS 885-27962/5-A	Lab Control Sample	Total/NA	Water	351.2	
MRL 885-27962/4-A	Lab Control Sample	Total/NA	Water	351.2	

Analysis Batch: 28183

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25889-1	833-04	Total/NA	Water	351.2	27962
885-25889-2	833-02	Total/NA	Water	351.2	27962
885-25889-3	833-05	Total/NA	Water	351.2	27962
MB 885-27962/3-A	Method Blank	Total/NA	Water	351.2	27962
LCS 885-27962/5-A	Lab Control Sample	Total/NA	Water	351.2	27962
MRL 885-27962/4-A	Lab Control Sample	Total/NA	Water	351.2	27962

Eurofins Albuquerque

Lab Chronicle

Client: EA Engineering
Project/Site: Big Sky Dairy

Job ID: 885-25889-1

Client Sample ID: 833-04

Date Collected: 06/02/25 10:17

Date Received: 06/03/25 09:45

Lab Sample ID: 885-25889-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	27418	RC	EET ALB	06/03/25 14:21
Total/NA	Analysis	300.0		10	27419	MA	EET ALB	06/03/25 14:21
Total/NA	Analysis	300.0		100	27419	MA	EET ALB	06/03/25 15:02
Total/NA	Analysis	2540C		1	27697	HR	EET ALB	06/05/25 15:42
Total/NA	Prep	351.2			27962	EH	EET ALB	06/10/25 11:41
Total/NA	Analysis	351.2		1	28183	EH	EET ALB	06/12/25 12:21

Client Sample ID: 833-02

Date Collected: 06/02/25 12:50

Date Received: 06/03/25 09:45

Lab Sample ID: 885-25889-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	27418	RC	EET ALB	06/03/25 15:15
Total/NA	Analysis	300.0		10	27419	MA	EET ALB	06/03/25 15:15
Total/NA	Analysis	300.0		100	27418	RC	EET ALB	06/03/25 15:29
Total/NA	Analysis	300.0		100	27419	MA	EET ALB	06/03/25 15:29
Total/NA	Analysis	2540C		1	27697	HR	EET ALB	06/05/25 15:42
Total/NA	Prep	351.2			27962	EH	EET ALB	06/10/25 11:41
Total/NA	Analysis	351.2		1	28183	EH	EET ALB	06/12/25 12:23

Client Sample ID: 833-05

Date Collected: 06/02/25 15:20

Date Received: 06/03/25 09:45

Lab Sample ID: 885-25889-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	27418	RC	EET ALB	06/03/25 15:42
Total/NA	Analysis	300.0		10	27419	MA	EET ALB	06/03/25 15:42
Total/NA	Analysis	300.0		100	27418	RC	EET ALB	06/03/25 15:56
Total/NA	Analysis	300.0		100	27419	MA	EET ALB	06/03/25 15:56
Total/NA	Analysis	2540C		1	27697	HR	EET ALB	06/05/25 15:42
Total/NA	Prep	351.2			27962	EH	EET ALB	06/10/25 11:41
Total/NA	Analysis	351.2		1	28183	EH	EET ALB	06/12/25 12:24

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: EA Engineering
Project/Site: Big Sky Dairy

Job ID: 885-25889-1

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-27-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

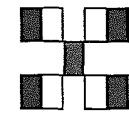
Analysis Method	Prep Method	Matrix	Analyte
2540C		Water	Total Dissolved Solids
300.0		Water	Chloride
300.0		Water	Nitrate
300.0		Water	Nitrite
300.0		Water	Sulfate
351.2	351.2	Water	Nitrogen, Total Kjeldahl

Oregon	NELAP	NM100001	02-26-26
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The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
351.2	351.2	Water	Nitrogen, Total Kjeldahl

Chain-of-Custody Record



**HALL ENVIRONMENTAL
ANALYSIS LABORATORY**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109 885-25889 COC

Tel. 505-345-3975 Fax 505-345-4107

Turn-Around Time.

☒ Standard ☐ Rush

Project Name:

Big Sky Dairy

Project #. *Billing Event*

Linda Armstrong Director

Project Manager.

Gina Mullen

Sampler: Angel N. Rivera

On Ice: ☒ Yes ☐ No

of Coolers: *1*

Cooler Temp (including CFI): *0.8 to 2 = 1.000*

Container Type and #

Preservative Type

HEAL No.

Date Time Matrix Sample Name

6-2 10:17 Gw 833-04

6-2 12:50 Gw 833-02

6-2 15:20 Gw 833-05 AM

Accreditation. ☐ Az Compliance ☐ Level 4 (Full Validation)

☐ NELAC ☐ Other

☐ EDD (Type)

Analysis Request

Nitrate/Nitrites EPA Method 300

TKN 351.2

Chloride EPA 300

TDS SM 2540 C MOD

Sulfate EPA 300

Phosphorus EPA 6010B

Total Sulfur

Remarks:

Received by *[Signature]* Via *Fedex* Date *6-2-25* Time *946*

Received by *[Signature]* Via *[Signature]* Date *6-2-25* Time *946*

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Login Sample Receipt Checklist

Client: EA Engineering

Job Number: 885-25889-1

Login Number: 25889

List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

PREPARED FOR

Attn: Regina Mullen
EA Engineering
320 Gold Ave SW
Suite 1210
Albuquerque, New Mexico 87102

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JOB DESCRIPTION

Big Sky Dairy

JOB NUMBER

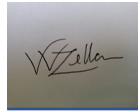
885-26013-1

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



Authorized for release by
Victoria Zellar, Project Manager
Victoria.Zellar@et.eurofinsus.com
(505)345-3975

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Definitions/Glossary

Client: EA Engineering
Project/Site: Big Sky Dairy

Job ID: 885-26013-1

Qualifiers

General Chemistry

Qualifier	Qualifier Description
E	Result exceeded calibration range.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EA Engineering
Project: Big Sky Dairy

Job ID: 885-26013-1

Job ID: 885-26013-1

Eurofins Albuquerque

Job Narrative 885-26013-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 6/4/2025 9:10 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.3°C.

HPLC/IC

Method 300_OF_48H_PREC: The following samples were diluted due to the nature of the sample matrix: 833-08 (885-26013-1), 833-07 (885-26013-2) and 833-09 (885-26013-3). Elevated reporting limits (RLs) are provided. Sample chromatogram overlay with MRL shows likely CI interference with NO₂, reporting NO₂ from higher dilution.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

Method 2540C_SingleDry: The analysis volume selected for the following sample produced a base result greater than 200mg before calculation of the final result: 833-07 (885-26013-2) Reanalysis could not be performed due to, holding time exceedance. Visual inspection by analyst shows no signs of trapped moisture, report as is. The reference method specifies that no more than 200mg of weight be recovered for a chosen sample analysis volume in order to produce the best data precision. As such, these data have been qualified.

Method 351.2: The following samples were diluted due to the nature of the sample matrix; high NO₃: 833-08 (885-26013-1), 833-07 (885-26013-2) and 833-09 (885-26013-3). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Albuquerque

Client Sample Results

Client: EA Engineering
Project/Site: Big Sky Dairy

Job ID: 885-26013-1

Client Sample ID: 833-08

Lab Sample ID: 885-26013-1

Date Collected: 06/03/25 11:00

Matrix: Water

Date Received: 06/04/25 09:10

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1000		50	mg/L			06/05/25 00:46	100
Nitrate	69		1.0	mg/L			06/05/25 00:36	10
Nitrite	ND		10	mg/L			06/05/25 00:46	100
Sulfate	370		5.0	mg/L			06/05/25 00:36	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2900		250	mg/L			06/08/25 09:05	1
Nitrogen, Total Kjeldahl (EPA 351.2)	ND		13	mg/L		06/09/25 14:18	06/10/25 15:34	1

Client Sample Results

Client: EA Engineering
Project/Site: Big Sky Dairy

Job ID: 885-26013-1

Client Sample ID: 833-07

Lab Sample ID: 885-26013-2

Date Collected: 06/03/25 13:05

Matrix: Water

Date Received: 06/04/25 09:10

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1300		50	mg/L			06/05/25 01:07	100
Nitrate	81		1.0	mg/L			06/05/25 00:57	10
Nitrite	ND		10	mg/L			06/05/25 01:07	100
Sulfate	750		5.0	mg/L			06/05/25 00:57	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	4100	E	50	mg/L			06/08/25 09:05	1
Nitrogen, Total Kjeldahl (EPA 351.2)	ND		13	mg/L		06/09/25 14:18	06/10/25 15:38	1

Client Sample Results

Client: EA Engineering
Project/Site: Big Sky Dairy

Job ID: 885-26013-1

Client Sample ID: 833-09

Lab Sample ID: 885-26013-3

Date Collected: 06/03/25 15:20

Matrix: Water

Date Received: 06/04/25 09:10

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	800		50	mg/L			06/05/25 01:48	100
Nitrate	65		1.0	mg/L			06/05/25 01:38	10
Nitrite	ND		10	mg/L			06/05/25 01:48	100
Sulfate	730		5.0	mg/L			06/05/25 01:38	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3300		100	mg/L			06/08/25 09:05	1
Nitrogen, Total Kjeldahl (EPA 351.2)	ND		13	mg/L		06/09/25 14:18	06/10/25 15:40	1

QC Sample Results

Client: EA Engineering
Project/Site: Big Sky Dairy

Job ID: 885-26013-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-27545/53

Matrix: Water

Analysis Batch: 27545

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	mg/L			06/04/25 17:42	1
Sulfate	ND		0.50	mg/L			06/04/25 17:42	1

Lab Sample ID: LCS 885-27545/54

Matrix: Water

Analysis Batch: 27545

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.00	5.08		mg/L		102	90 - 110
Sulfate	10.0	9.88		mg/L		99	90 - 110

Lab Sample ID: MRL 885-27545/3

Matrix: Water

Analysis Batch: 27545

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.551		mg/L		110	50 - 150
Sulfate	0.500	0.547		mg/L		109	50 - 150

Lab Sample ID: MB 885-27546/53

Matrix: Water

Analysis Batch: 27546

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate	ND		0.10	mg/L			06/04/25 17:42	1
Nitrite	ND		0.10	mg/L			06/04/25 17:42	1

Lab Sample ID: LCS 885-27546/54

Matrix: Water

Analysis Batch: 27546

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	2.50	2.68		mg/L		107	90 - 110
Nitrite	1.00	0.995		mg/L		100	90 - 110

Lab Sample ID: MRL 885-27546/3

Matrix: Water

Analysis Batch: 27546

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	0.100	0.103		mg/L		103	50 - 150
Nitrite	0.100	0.109		mg/L		109	50 - 150

QC Sample Results

Client: EA Engineering
Project/Site: Big Sky Dairy

Job ID: 885-26013-1

Method: 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 885-27836/1

Matrix: Water

Analysis Batch: 27836

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		50	mg/L			06/08/25 09:05	1

Lab Sample ID: LCS 885-27836/2

Matrix: Water

Analysis Batch: 27836

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	992		mg/L		99	80 - 120

Method: 351.2 - Nitrogen, Total Kjeldahl

Lab Sample ID: MB 885-27888/3-A

Matrix: Water

Analysis Batch: 28084

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27888

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Total Kjeldahl	ND		0.50	mg/L		06/09/25 14:18	06/10/25 15:02	1

Lab Sample ID: LCS 885-27888/5-A

Matrix: Water

Analysis Batch: 28084

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27888

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	10.0	10.2		mg/L		102	90 - 110

Lab Sample ID: MRL 885-27888/4-A

Matrix: Water

Analysis Batch: 28084

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27888

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	0.500	0.524		mg/L		105	50 - 150

QC Association Summary

Client: EA Engineering
Project/Site: Big Sky Dairy

Job ID: 885-26013-1

HPLC/IC

Analysis Batch: 27545

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26013-1	833-08	Total/NA	Water	300.0	
885-26013-1	833-08	Total/NA	Water	300.0	
885-26013-2	833-07	Total/NA	Water	300.0	
885-26013-2	833-07	Total/NA	Water	300.0	
885-26013-3	833-09	Total/NA	Water	300.0	
885-26013-3	833-09	Total/NA	Water	300.0	
MB 885-27545/53	Method Blank	Total/NA	Water	300.0	
LCS 885-27545/54	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-27545/3	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 27546

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26013-1	833-08	Total/NA	Water	300.0	
885-26013-1	833-08	Total/NA	Water	300.0	
885-26013-2	833-07	Total/NA	Water	300.0	
885-26013-2	833-07	Total/NA	Water	300.0	
885-26013-3	833-09	Total/NA	Water	300.0	
885-26013-3	833-09	Total/NA	Water	300.0	
MB 885-27546/53	Method Blank	Total/NA	Water	300.0	
LCS 885-27546/54	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-27546/3	Lab Control Sample	Total/NA	Water	300.0	

General Chemistry

Analysis Batch: 27836

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26013-1	833-08	Total/NA	Water	2540C	
885-26013-2	833-07	Total/NA	Water	2540C	
885-26013-3	833-09	Total/NA	Water	2540C	
MB 885-27836/1	Method Blank	Total/NA	Water	2540C	
LCS 885-27836/2	Lab Control Sample	Total/NA	Water	2540C	

Prep Batch: 27888

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26013-1	833-08	Total/NA	Water	351.2	
885-26013-2	833-07	Total/NA	Water	351.2	
885-26013-3	833-09	Total/NA	Water	351.2	
MB 885-27888/3-A	Method Blank	Total/NA	Water	351.2	
LCS 885-27888/5-A	Lab Control Sample	Total/NA	Water	351.2	
MRL 885-27888/4-A	Lab Control Sample	Total/NA	Water	351.2	

Analysis Batch: 28084

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26013-1	833-08	Total/NA	Water	351.2	27888
885-26013-2	833-07	Total/NA	Water	351.2	27888
885-26013-3	833-09	Total/NA	Water	351.2	27888
MB 885-27888/3-A	Method Blank	Total/NA	Water	351.2	27888
LCS 885-27888/5-A	Lab Control Sample	Total/NA	Water	351.2	27888
MRL 885-27888/4-A	Lab Control Sample	Total/NA	Water	351.2	27888

Eurofins Albuquerque

Lab Chronicle

Client: EA Engineering
Project/Site: Big Sky Dairy

Job ID: 885-26013-1

Client Sample ID: 833-08

Date Collected: 06/03/25 11:00

Date Received: 06/04/25 09:10

Lab Sample ID: 885-26013-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	27545	RC	EET ALB	06/05/25 00:36
Total/NA	Analysis	300.0		10	27546	RC	EET ALB	06/05/25 00:36
Total/NA	Analysis	300.0		100	27545	RC	EET ALB	06/05/25 00:46
Total/NA	Analysis	300.0		100	27546	RC	EET ALB	06/05/25 00:46
Total/NA	Analysis	2540C		1	27836	HR	EET ALB	06/08/25 09:05
Total/NA	Prep	351.2			27888	EH	EET ALB	06/09/25 14:18
Total/NA	Analysis	351.2		1	28084	MA	EET ALB	06/10/25 15:34

Client Sample ID: 833-07

Date Collected: 06/03/25 13:05

Date Received: 06/04/25 09:10

Lab Sample ID: 885-26013-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	27545	RC	EET ALB	06/05/25 00:57
Total/NA	Analysis	300.0		10	27546	RC	EET ALB	06/05/25 00:57
Total/NA	Analysis	300.0		100	27545	RC	EET ALB	06/05/25 01:07
Total/NA	Analysis	300.0		100	27546	RC	EET ALB	06/05/25 01:07
Total/NA	Analysis	2540C		1	27836	HR	EET ALB	06/08/25 09:05
Total/NA	Prep	351.2			27888	EH	EET ALB	06/09/25 14:18
Total/NA	Analysis	351.2		1	28084	MA	EET ALB	06/10/25 15:38

Client Sample ID: 833-09

Date Collected: 06/03/25 15:20

Date Received: 06/04/25 09:10

Lab Sample ID: 885-26013-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	27545	RC	EET ALB	06/05/25 01:38
Total/NA	Analysis	300.0		10	27546	RC	EET ALB	06/05/25 01:38
Total/NA	Analysis	300.0		100	27545	RC	EET ALB	06/05/25 01:48
Total/NA	Analysis	300.0		100	27546	RC	EET ALB	06/05/25 01:48
Total/NA	Analysis	2540C		1	27836	HR	EET ALB	06/08/25 09:05
Total/NA	Prep	351.2			27888	EH	EET ALB	06/09/25 14:18
Total/NA	Analysis	351.2		1	28084	MA	EET ALB	06/10/25 15:40

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: EA Engineering
Project/Site: Big Sky Dairy

Job ID: 885-26013-1

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-27-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
2540C		Water	Total Dissolved Solids
300.0		Water	Chloride
300.0		Water	Nitrate
300.0		Water	Nitrite
300.0		Water	Sulfate
351.2	351.2	Water	Nitrogen, Total Kjeldahl

Oregon	NELAP	NM100001	02-26-26
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The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
351.2	351.2	Water	Nitrogen, Total Kjeldahl



4901 Hawkins NE - Albuquerque, NM 87109

Tel 505-345-3975 Fax 505-345-4107

885-26013 COC

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Login Sample Receipt Checklist

Client: EA Engineering

Job Number: 885-26013-1

Login Number: 26013

List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

PREPARED FOR

Attn: Regina Mullen
EA Engineering
320 Gold Ave SW
Suite 1210
Albuquerque, New Mexico 87102

Generated 6/18/2025 11:14:52 AM

JOB DESCRIPTION

Big Sky Dairy

JOB NUMBER

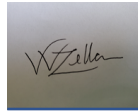
885-26097-1

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



Authorized for release by
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Victoria.Zellar@et.eurofinsus.com
(505)345-3975

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Definitions/Glossary

Client: EA Engineering
Project/Site: Big Sky Dairy

Job ID: 885-26097-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EA Engineering
Project: Big Sky Dairy

Job ID: 885-26097-1

Job ID: 885-26097-1

Eurofins Albuquerque

Job Narrative 885-26097-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The sample was received on 6/5/2025 9:20 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.9°C.

HPLC/IC

Method 300_OF_48H_PREC: The following sample was diluted due to the nature of the sample matrix: 833-10 (885-26097-1). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Albuquerque

Client Sample Results

Client: EA Engineering
Project/Site: Big Sky Dairy

Job ID: 885-26097-1

Client Sample ID: 833-10

Lab Sample ID: 885-26097-1

Date Collected: 06/04/25 13:45

Matrix: Water

Date Received: 06/05/25 09:20

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	700		50	mg/L			06/05/25 15:50	100
Nitrate	2.6		1.0	mg/L			06/05/25 15:36	10
Nitrite	ND		1.0	mg/L			06/05/25 15:36	10
Sulfate	480		50	mg/L			06/05/25 15:50	100

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2600		100	mg/L			06/11/25 14:57	1
Nitrogen, Total Kjeldahl (EPA 351.2)	0.94		0.50	mg/L		06/12/25 13:15	06/16/25 13:25	1

QC Sample Results

Client: EA Engineering
Project/Site: Big Sky Dairy

Job ID: 885-26097-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-27635/4

Matrix: Water

Analysis Batch: 27635

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	mg/L			06/05/25 08:31	1
Sulfate	ND		0.50	mg/L			06/05/25 08:31	1

Lab Sample ID: LCS 885-27635/5

Matrix: Water

Analysis Batch: 27635

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.00	4.81		mg/L		96	90 - 110
Sulfate	10.0	9.45		mg/L		95	90 - 110

Lab Sample ID: MRL 885-27635/3

Matrix: Water

Analysis Batch: 27635

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.546		mg/L		109	50 - 150
Sulfate	0.500	0.555		mg/L		111	50 - 150

Lab Sample ID: MB 885-27636/4

Matrix: Water

Analysis Batch: 27636

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate	ND		0.10	mg/L			06/05/25 08:31	1
Nitrite	ND		0.10	mg/L			06/05/25 08:31	1

Lab Sample ID: LCS 885-27636/5

Matrix: Water

Analysis Batch: 27636

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	2.50	2.55		mg/L		102	90 - 110
Nitrite	1.00	0.945		mg/L		95	90 - 110

Lab Sample ID: MRL 885-27636/3

Matrix: Water

Analysis Batch: 27636

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	0.100	0.104		mg/L		104	50 - 150
Nitrite	0.100	0.102		mg/L		102	50 - 150

QC Sample Results

Client: EA Engineering
Project/Site: Big Sky Dairy

Job ID: 885-26097-1

Method: 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 885-27989/1

Matrix: Water

Analysis Batch: 27989

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		50	mg/L			06/11/25 14:57	1

Lab Sample ID: LCS 885-27989/2

Matrix: Water

Analysis Batch: 27989

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	1010		mg/L		101	80 - 120

Method: 351.2 - Nitrogen, Total Kjeldahl

Lab Sample ID: MB 885-28175/3-A

Matrix: Water

Analysis Batch: 28433

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 28175

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Total Kjeldahl	ND		0.50	mg/L		06/12/25 13:15	06/16/25 12:55	1

Lab Sample ID: LCS 885-28175/5-A

Matrix: Water

Analysis Batch: 28433

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 28175

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	10.0	9.89		mg/L		99	90 - 110

Lab Sample ID: MRL 885-28175/4-A

Matrix: Water

Analysis Batch: 28433

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 28175

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	0.500	ND		mg/L		99	50 - 150

QC Association Summary

Client: EA Engineering
Project/Site: Big Sky Dairy

Job ID: 885-26097-1

HPLC/IC

Analysis Batch: 27635

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26097-1	833-10	Total/NA	Water	300.0	
MB 885-27635/4	Method Blank	Total/NA	Water	300.0	
LCS 885-27635/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-27635/3	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 27636

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26097-1	833-10	Total/NA	Water	300.0	
MB 885-27636/4	Method Blank	Total/NA	Water	300.0	
LCS 885-27636/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-27636/3	Lab Control Sample	Total/NA	Water	300.0	

General Chemistry

Analysis Batch: 27989

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26097-1	833-10	Total/NA	Water	2540C	
MB 885-27989/1	Method Blank	Total/NA	Water	2540C	
LCS 885-27989/2	Lab Control Sample	Total/NA	Water	2540C	

Prep Batch: 28175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26097-1	833-10	Total/NA	Water	351.2	
MB 885-28175/3-A	Method Blank	Total/NA	Water	351.2	
LCS 885-28175/5-A	Lab Control Sample	Total/NA	Water	351.2	
MRL 885-28175/4-A	Lab Control Sample	Total/NA	Water	351.2	

Analysis Batch: 28433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26097-1	833-10	Total/NA	Water	351.2	28175
MB 885-28175/3-A	Method Blank	Total/NA	Water	351.2	28175
LCS 885-28175/5-A	Lab Control Sample	Total/NA	Water	351.2	28175
MRL 885-28175/4-A	Lab Control Sample	Total/NA	Water	351.2	28175

Lab Chronicle

Client: EA Engineering
Project/Site: Big Sky Dairy

Job ID: 885-26097-1

Client Sample ID: 833-10

Date Collected: 06/04/25 13:45

Date Received: 06/05/25 09:20

Lab Sample ID: 885-26097-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	27636	JT	EET ALB	06/05/25 15:36
Total/NA	Analysis	300.0		100	27635	JT	EET ALB	06/05/25 15:50
Total/NA	Analysis	2540C		1	27989	HR	EET ALB	06/11/25 14:57
Total/NA	Prep	351.2			28175	EH	EET ALB	06/12/25 13:15
Total/NA	Analysis	351.2		1	28433	EH	EET ALB	06/16/25 13:25

Laboratory References:
EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: EA Engineering
Project/Site: Big Sky Dairy

Job ID: 885-26097-1

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-27-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
2540C		Water	Total Dissolved Solids
300.0		Water	Chloride
300.0		Water	Nitrate
300.0		Water	Nitrite
300.0		Water	Sulfate
351.2	351.2	Water	Nitrogen, Total Kjeldahl

Oregon	NELAP	NM100001	02-26-26
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The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
351.2	351.2	Water	Nitrogen, Total Kjeldahl

www.hallenvironmental.com

44901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

385-26097 COC

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Login Sample Receipt Checklist

Client: EA Engineering

Job Number: 885-26097-1

Login Number: 26097

List Source: Eurofins Albuquerque

List Number: 1

Creator: Dominguez, Desiree

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

PREPARED FOR

Attn: Regina Mullen
EA Engineering
320 Gold Ave SW
Suite 1210
Albuquerque, New Mexico 87102

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JOB DESCRIPTION

Bright Star Dairy

JOB NUMBER

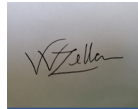
885-25705-1

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



Authorized for release by
Victoria Zellar, Project Manager
Victoria.Zellar@et.eurofinsus.com
(505)345-3975

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Definitions/Glossary

Client: EA Engineering
Project/Site: Bright Star Dairy

Job ID: 885-25705-1

Qualifiers

General Chemistry

Qualifier	Qualifier Description
E	Result exceeded calibration range.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EA Engineering
Project: Bright Star Dairy

Job ID: 885-25705-1

Job ID: 885-25705-1

Eurofins Albuquerque

Job Narrative 885-25705-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 5/29/2025 10:42 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.7°C.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

Method 2540C_SingleDry: The analysis volume selected for the following samples produced a base result greater than 200mg before calculation of the final result: 70/86/340-01 (885-25705-2) and 86/340-01 (885-25705-3). Reanalysis could not be performed due to, holding time exceedance. Visual inspection by analyst shows no signs of trapped moisture, report as is. The reference method specifies that no more than 200mg of weight be recovered for a chosen sample analysis volume in order to produce the best data precision. As such, these data have been qualified.

Method 351.2: The following samples were diluted due to the nature of the sample matrix: 340-01 (885-25705-1) and 70/86/340-01 (885-25705-2). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Albuquerque

Client Sample Results

Client: EA Engineering
Project/Site: Bright Star Dairy

Job ID: 885-25705-1

Client Sample ID: 340-01

Lab Sample ID: 885-25705-1

Date Collected: 05/28/25 12:37

Matrix: Water

Date Received: 05/29/25 10:42

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	700		5.0	mg/L			05/29/25 15:16	10
Nitrate	72		1.0	mg/L			05/29/25 15:16	10
Nitrite	ND		1.0	mg/L			05/29/25 15:16	10
Sulfate	630		5.0	mg/L			05/29/25 15:16	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3100		250	mg/L			06/02/25 14:43	1
Nitrogen, Total Kjeldahl (EPA 351.2)	ND		13	mg/L		06/02/25 16:41	06/05/25 17:00	1

Client Sample Results

Client: EA Engineering
Project/Site: Bright Star Dairy

Job ID: 885-25705-1

Client Sample ID: 70/86/340-01

Lab Sample ID: 885-25705-2

Date Collected: 05/28/25 14:16

Matrix: Water

Date Received: 05/29/25 10:42

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1800		50	mg/L			05/29/25 15:56	100
Nitrate	25		1.0	mg/L			05/29/25 15:43	10
Nitrite	ND		1.0	mg/L			05/29/25 15:43	10
Sulfate	1500		5.0	mg/L			05/29/25 15:43	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	5600	E	100	mg/L			06/02/25 14:43	1
Nitrogen, Total Kjeldahl (EPA 351.2)	ND		1.3	mg/L		06/02/25 16:41	06/05/25 17:02	1

Client Sample Results

Client: EA Engineering
Project/Site: Bright Star Dairy

Job ID: 885-25705-1

Client Sample ID: 86/340-01

Lab Sample ID: 885-25705-3

Date Collected: 05/28/25 15:45

Matrix: Water

Date Received: 05/29/25 10:42

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	320		5.0	mg/L			05/29/25 16:09	10
Nitrate	2.9		1.0	mg/L			05/29/25 16:09	10
Nitrite	ND		1.0	mg/L			05/29/25 16:09	10
Sulfate	950		5.0	mg/L			05/29/25 16:09	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2300	E	50	mg/L			06/02/25 14:43	1
Nitrogen, Total Kjeldahl (EPA 351.2)	ND		0.50	mg/L		06/05/25 12:20	06/06/25 11:50	1

QC Sample Results

Client: EA Engineering
Project/Site: Bright Star Dairy

Job ID: 885-25705-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-27129/4

Matrix: Water

Analysis Batch: 27129

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	mg/L			05/29/25 09:25	1
Sulfate	ND		0.50	mg/L			05/29/25 09:25	1

Lab Sample ID: LCS 885-27129/5

Matrix: Water

Analysis Batch: 27129

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.00	5.11		mg/L		102	90 - 110
Sulfate	10.0	9.90		mg/L		99	90 - 110

Lab Sample ID: MRL 885-27129/3

Matrix: Water

Analysis Batch: 27129

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.536		mg/L		107	50 - 150
Sulfate	0.500	0.524		mg/L		105	50 - 150

Lab Sample ID: MB 885-27130/4

Matrix: Water

Analysis Batch: 27130

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate	ND		0.10	mg/L			05/29/25 09:25	1
Nitrite	ND		0.10	mg/L			05/29/25 09:25	1

Lab Sample ID: LCS 885-27130/5

Matrix: Water

Analysis Batch: 27130

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	2.50	2.58		mg/L		103	90 - 110
Nitrite	1.00	0.977		mg/L		98	90 - 110

Lab Sample ID: MRL 885-27130/3

Matrix: Water

Analysis Batch: 27130

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	0.100	0.105		mg/L		105	50 - 150
Nitrite	0.100	0.104		mg/L		104	50 - 150

QC Sample Results

Client: EA Engineering
Project/Site: Bright Star Dairy

Job ID: 885-25705-1

Method: 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 885-27386/1

Matrix: Water

Analysis Batch: 27386

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		50	mg/L			06/02/25 14:43	1

Lab Sample ID: LCS 885-27386/2

Matrix: Water

Analysis Batch: 27386

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	1000		mg/L		100	80 - 120

Method: 351.2 - Nitrogen, Total Kjeldahl

Lab Sample ID: MB 885-27406/3-A

Matrix: Water

Analysis Batch: 27727

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27406

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Total Kjeldahl	ND		0.50	mg/L		06/02/25 16:41	06/05/25 16:15	1

Lab Sample ID: LCS 885-27406/5-A

Matrix: Water

Analysis Batch: 27727

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27406

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	10.0	10.0		mg/L		100	90 - 110

Lab Sample ID: MRL 885-27406/4-A

Matrix: Water

Analysis Batch: 27727

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27406

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	0.500	ND		mg/L		97	50 - 150

Lab Sample ID: MB 885-27676/3-A

Matrix: Water

Analysis Batch: 27795

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27676

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Total Kjeldahl	ND		0.50	mg/L		06/05/25 12:20	06/06/25 11:30	1

Lab Sample ID: LCS 885-27676/5-A

Matrix: Water

Analysis Batch: 27795

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27676

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	10.0	10.2		mg/L		102	90 - 110

Eurofins Albuquerque

QC Sample Results

Client: EA Engineering
Project/Site: Bright Star Dairy

Job ID: 885-25705-1

Method: 351.2 - Nitrogen, Total Kjeldahl (Continued)

Lab Sample ID: MRL 885-27676/4-A				Client Sample ID: Lab Control Sample			
Matrix: Water				Prep Type: Total/NA			
Analysis Batch: 27795				Prep Batch: 27676			
Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	0.500	ND		mg/L		95	50 - 150

QC Association Summary

Client: EA Engineering
Project/Site: Bright Star Dairy

Job ID: 885-25705-1

HPLC/IC

Analysis Batch: 27129

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25705-1	340-01	Total/NA	Water	300.0	
885-25705-2	70/86/340-01	Total/NA	Water	300.0	
885-25705-2	70/86/340-01	Total/NA	Water	300.0	
885-25705-3	86/340-01	Total/NA	Water	300.0	
MB 885-27129/4	Method Blank	Total/NA	Water	300.0	
LCS 885-27129/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-27129/3	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 27130

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25705-1	340-01	Total/NA	Water	300.0	
885-25705-2	70/86/340-01	Total/NA	Water	300.0	
885-25705-3	86/340-01	Total/NA	Water	300.0	
MB 885-27130/4	Method Blank	Total/NA	Water	300.0	
LCS 885-27130/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-27130/3	Lab Control Sample	Total/NA	Water	300.0	

General Chemistry

Analysis Batch: 27386

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25705-1	340-01	Total/NA	Water	2540C	
885-25705-2	70/86/340-01	Total/NA	Water	2540C	
885-25705-3	86/340-01	Total/NA	Water	2540C	
MB 885-27386/1	Method Blank	Total/NA	Water	2540C	
LCS 885-27386/2	Lab Control Sample	Total/NA	Water	2540C	

Prep Batch: 27406

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25705-1	340-01	Total/NA	Water	351.2	
885-25705-2	70/86/340-01	Total/NA	Water	351.2	
MB 885-27406/3-A	Method Blank	Total/NA	Water	351.2	
LCS 885-27406/5-A	Lab Control Sample	Total/NA	Water	351.2	
MRL 885-27406/4-A	Lab Control Sample	Total/NA	Water	351.2	

Prep Batch: 27676

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25705-3	86/340-01	Total/NA	Water	351.2	
MB 885-27676/3-A	Method Blank	Total/NA	Water	351.2	
LCS 885-27676/5-A	Lab Control Sample	Total/NA	Water	351.2	
MRL 885-27676/4-A	Lab Control Sample	Total/NA	Water	351.2	

Analysis Batch: 27727

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25705-1	340-01	Total/NA	Water	351.2	27406
885-25705-2	70/86/340-01	Total/NA	Water	351.2	27406
MB 885-27406/3-A	Method Blank	Total/NA	Water	351.2	27406
LCS 885-27406/5-A	Lab Control Sample	Total/NA	Water	351.2	27406
MRL 885-27406/4-A	Lab Control Sample	Total/NA	Water	351.2	27406

QC Association Summary

Client: EA Engineering
Project/Site: Bright Star Dairy

Job ID: 885-25705-1

General Chemistry

Analysis Batch: 27795

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25705-3	86/340-01	Total/NA	Water	351.2	27676
MB 885-27676/3-A	Method Blank	Total/NA	Water	351.2	27676
LCS 885-27676/5-A	Lab Control Sample	Total/NA	Water	351.2	27676
MRL 885-27676/4-A	Lab Control Sample	Total/NA	Water	351.2	27676

Lab Chronicle

Client: EA Engineering
Project/Site: Bright Star Dairy

Job ID: 885-25705-1

Client Sample ID: 340-01

Lab Sample ID: 885-25705-1

Date Collected: 05/28/25 12:37

Matrix: Water

Date Received: 05/29/25 10:42

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	27129	RC	EET ALB	05/29/25 15:16
Total/NA	Analysis	300.0		10	27130	RC	EET ALB	05/29/25 15:16
Total/NA	Analysis	2540C		1	27386	HR	EET ALB	06/02/25 14:43
Total/NA	Prep	351.2			27406	EH	EET ALB	06/02/25 16:41
Total/NA	Analysis	351.2		1	27727	EH	EET ALB	06/05/25 17:00

Client Sample ID: 70/86/340-01

Lab Sample ID: 885-25705-2

Date Collected: 05/28/25 14:16

Matrix: Water

Date Received: 05/29/25 10:42

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	27129	RC	EET ALB	05/29/25 15:43
Total/NA	Analysis	300.0		10	27130	RC	EET ALB	05/29/25 15:43
Total/NA	Analysis	300.0		100	27129	RC	EET ALB	05/29/25 15:56
Total/NA	Analysis	2540C		1	27386	HR	EET ALB	06/02/25 14:43
Total/NA	Prep	351.2			27406	EH	EET ALB	06/02/25 16:41
Total/NA	Analysis	351.2		1	27727	EH	EET ALB	06/05/25 17:02

Client Sample ID: 86/340-01

Lab Sample ID: 885-25705-3

Date Collected: 05/28/25 15:45

Matrix: Water

Date Received: 05/29/25 10:42

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	27129	RC	EET ALB	05/29/25 16:09
Total/NA	Analysis	300.0		10	27130	RC	EET ALB	05/29/25 16:09
Total/NA	Analysis	2540C		1	27386	HR	EET ALB	06/02/25 14:43
Total/NA	Prep	351.2			27676	EH	EET ALB	06/05/25 12:20
Total/NA	Analysis	351.2		1	27795	EH	EET ALB	06/06/25 11:50

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: EA Engineering
Project/Site: Bright Star Dairy

Job ID: 885-25705-1

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-27-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
2540C		Water	Total Dissolved Solids
300.0		Water	Chloride
300.0		Water	Nitrate
300.0		Water	Nitrite
300.0		Water	Sulfate
351.2	351.2	Water	Nitrogen, Total Kjeldahl


Oregon	NELAP	NM100001	02-26-26
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The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
351.2	351.2	Water	Nitrogen, Total Kjeldahl

Chain-of-Custody Record				Turn-Around Time	
Client:				<input checked="" type="checkbox"/> Standard	<input type="checkbox"/> Rush
EA Engineering, Science, and Technology				Project Name:	
Mailing Address:				Bright Star Dairy	
320 Gold Ave SW Suite				Project # "Billing Email"	
Phone #: 505-715-4279				lindaarmstrong@zianet.com	
email or Fax#: rmullen@eaest.com				Project Manager: Gina Mullen	
QA/QC Package:				Sampler: Angel N. Rivera	
<input type="checkbox"/> Standard <input type="checkbox"/> Level 4 (Full Validation)				On Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>chuckey</i>	
Accreditation <input type="checkbox"/> Az Compliance				# of Coolers: 1	
<input type="checkbox"/> NELAC <input type="checkbox"/> Other				Cooler Temp (including CP): 15-10.2-07.2	
<input type="checkbox"/> EDD (Type)				HEAL No.	
Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type
5-28	12:37	GW	340-01	2	
5-28	14:16	GW	70/86/340-01	2	
5-28	15:45	GW	86/340-01	2	
Date	Time	Relinquished by	Received by		
5-28	17:50	<i>Paula</i>	Via	Received by	Date
Date	Time	Relinquished by	Via	Received by	Date
					5/29/05 10:12

[illegible]

 **HALL ENVIRONMENTAL
ANALYSIS LABORA**



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4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

885-25705 COC

[illegible]

Remarks:	
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If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Login Sample Receipt Checklist

Client: EA Engineering

Job Number: 885-25705-1

Login Number: 25705

List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	



ANALYTICAL REPORT

PREPARED FOR

Attn: Regina Mullen
EA Engineering
320 Gold Ave SW
Suite 1210
Albuquerque, New Mexico 87102

Generated 6/10/2025 5:58:19 PM

JOB DESCRIPTION

Buena Vista Dairy 2

JOB NUMBER

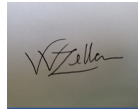
885-25774-1

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



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Authorized for release by
Victoria Zellar, Project Manager
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(505)345-3975



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Definitions/Glossary

Client: EA Engineering
Project/Site: Buena Vista Dairy 2

Job ID: 885-25774-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EA Engineering
Project: Buena Vista Dairy 2

Job ID: 885-25774-1

Job ID: 885-25774-1

Eurofins Albuquerque

Job Narrative 885-25774-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 5/30/2025 10:42 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.5°C.

HPLC/IC

Method 300_OF_48H_PREC: The following sample was diluted due to the nature of the sample matrix: 74-03 (885-25774-1). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

Method 351.2: The following sample was diluted due to the nature of the sample matrix: 74-01 (885-25774-3). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Albuquerque

Client Sample Results

Client: EA Engineering
Project/Site: Buena Vista Dairy 2

Job ID: 885-25774-1

Client Sample ID: 74-03

Lab Sample ID: 885-25774-1

Date Collected: 05/29/25 10:20

Matrix: Water

Date Received: 05/30/25 10:42

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	230		5.0	mg/L			05/30/25 19:29	10
Nitrate Nitrite as N	ND		2.0	mg/L			05/30/25 19:29	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1400		100	mg/L			06/04/25 14:57	1
Nitrogen, Total Kjeldahl (EPA 351.2)	ND		0.50	mg/L		06/06/25 11:54	06/09/25 13:57	1

Client Sample Results

Client: EA Engineering
Project/Site: Buena Vista Dairy 2

Job ID: 885-25774-1

Client Sample ID: 74-02

Lab Sample ID: 885-25774-2

Date Collected: 05/29/25 11:43

Matrix: Water

Date Received: 05/30/25 10:42

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	900		50	mg/L			05/30/25 20:18	100
Nitrate Nitrite as N	8.8		2.0	mg/L			05/30/25 20:08	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3200		250	mg/L			06/04/25 14:57	1
Nitrogen, Total Kjeldahl (EPA 351.2)	4.2		0.50	mg/L		06/06/25 11:54	06/09/25 14:01	1

Client Sample Results

Client: EA Engineering
Project/Site: Buena Vista Dairy 2

Job ID: 885-25774-1

Client Sample ID: 74-01

Lab Sample ID: 885-25774-3

Date Collected: 05/29/25 13:40

Matrix: Water

Date Received: 05/30/25 10:42

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	870		50	mg/L			05/30/25 20:38	100
Nitrate Nitrite as N	37		2.0	mg/L			05/30/25 20:28	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3000		100	mg/L			06/04/25 14:57	1
Nitrogen, Total Kjeldahl (EPA 351.2)	ND		2.5	mg/L		06/06/25 11:54	06/09/25 14:03	1

QC Sample Results

Client: EA Engineering
Project/Site: Buena Vista Dairy 2

Job ID: 885-25774-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-27230/58

Matrix: Water

Analysis Batch: 27230

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	mg/L			05/30/25 18:50	1

Lab Sample ID: LCS 885-27230/59

Matrix: Water

Analysis Batch: 27230

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.00	5.00		mg/L		100	90 - 110

Lab Sample ID: MRL 885-27230/3

Matrix: Water

Analysis Batch: 27230

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.525		mg/L		105	50 - 150

Lab Sample ID: 885-25774-1 MS

Matrix: Water

Analysis Batch: 27230

Client Sample ID: 74-03

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	230		50.0	278	4	mg/L		90	80 - 120

Lab Sample ID: 885-25774-1 MSD

Matrix: Water

Analysis Batch: 27230

Client Sample ID: 74-03

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	230		50.0	280	4	mg/L		94	80 - 120	1	20

Lab Sample ID: MB 885-27231/58

Matrix: Water

Analysis Batch: 27231

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	ND		0.20	mg/L			05/30/25 18:50	1

Lab Sample ID: LCS 885-27231/59

Matrix: Water

Analysis Batch: 27231

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	2.50	2.54		mg/L		102	90 - 110
Nitrite	1.00	0.958		mg/L		96	90 - 110
Nitrate Nitrite as N	3.50	3.50		mg/L		100	90 - 110

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QC Sample Results

Client: EA Engineering
Project/Site: Buena Vista Dairy 2

Job ID: 885-25774-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MRL 885-27231/3

Matrix: Water

Analysis Batch: 27231

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	0.100	0.101		mg/L		101	50 - 150
Nitrite	0.100	0.0968	J	mg/L		97	50 - 150
Nitrate Nitrite as N	0.200	0.198	J	mg/L		99	50 - 150

Lab Sample ID: 885-25774-1 MS

Matrix: Water

Analysis Batch: 27231

Client Sample ID: 74-03

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	ND		25.0	25.3		mg/L		101	80 - 120
Nitrite	ND		10.0	9.22		mg/L		92	80 - 120
Nitrate Nitrite as N	ND		35.0	34.5		mg/L		99	80 - 120

Lab Sample ID: 885-25774-1 MSD

Matrix: Water

Analysis Batch: 27231

Client Sample ID: 74-03

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate	ND		25.0	25.5		mg/L		102	80 - 120	1	20
Nitrite	ND		10.0	9.33		mg/L		93	80 - 120	1	20
Nitrate Nitrite as N	ND		35.0	34.8		mg/L		100	80 - 120	1	20

Method: 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 885-27597/1

Matrix: Water

Analysis Batch: 27597

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		50	mg/L			06/04/25 14:57	1

Lab Sample ID: LCS 885-27597/2

Matrix: Water

Analysis Batch: 27597

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	978		mg/L		98	80 - 120

Method: 351.2 - Nitrogen, Total Kjeldahl

Lab Sample ID: MB 885-27776/3-A

Matrix: Water

Analysis Batch: 27894

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27776

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Total Kjeldahl	ND		0.50	mg/L		06/06/25 11:54	06/09/25 13:31	1

Eurofins Albuquerque

QC Sample Results

Client: EA Engineering
Project/Site: Buena Vista Dairy 2

Job ID: 885-25774-1

Method: 351.2 - Nitrogen, Total Kjeldahl (Continued)

Lab Sample ID: LCS 885-27776/5-A
Matrix: Water
Analysis Batch: 27894

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 27776

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	10.0	9.97		mg/L		100	90 - 110

Lab Sample ID: MRL 885-27776/4-A
Matrix: Water
Analysis Batch: 27894

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 27776

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	0.500	ND		mg/L		92	50 - 150

Lab Sample ID: 885-25774-1 MS
Matrix: Water
Analysis Batch: 27894

Client Sample ID: 74-03
Prep Type: Total/NA
Prep Batch: 27776

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	ND		10.0	10.6		mg/L		106	90 - 110

Lab Sample ID: 885-25774-1 MSD
Matrix: Water
Analysis Batch: 27894

Client Sample ID: 74-03
Prep Type: Total/NA
Prep Batch: 27776

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrogen, Total Kjeldahl	ND		10.0	10.9		mg/L		109	90 - 110	3	20

QC Association Summary

Client: EA Engineering
Project/Site: Buena Vista Dairy 2

Job ID: 885-25774-1

HPLC/IC

Analysis Batch: 27230

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25774-1	74-03	Total/NA	Water	300.0	
885-25774-2	74-02	Total/NA	Water	300.0	
885-25774-3	74-01	Total/NA	Water	300.0	
MB 885-27230/58	Method Blank	Total/NA	Water	300.0	
LCS 885-27230/59	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-27230/3	Lab Control Sample	Total/NA	Water	300.0	
885-25774-1 MS	74-03	Total/NA	Water	300.0	
885-25774-1 MSD	74-03	Total/NA	Water	300.0	

Analysis Batch: 27231

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25774-1	74-03	Total/NA	Water	300.0	
885-25774-2	74-02	Total/NA	Water	300.0	
885-25774-3	74-01	Total/NA	Water	300.0	
MB 885-27231/58	Method Blank	Total/NA	Water	300.0	
LCS 885-27231/59	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-27231/3	Lab Control Sample	Total/NA	Water	300.0	
885-25774-1 MS	74-03	Total/NA	Water	300.0	
885-25774-1 MSD	74-03	Total/NA	Water	300.0	

General Chemistry

Analysis Batch: 27597

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25774-1	74-03	Total/NA	Water	2540C	
885-25774-2	74-02	Total/NA	Water	2540C	
885-25774-3	74-01	Total/NA	Water	2540C	
MB 885-27597/1	Method Blank	Total/NA	Water	2540C	
LCS 885-27597/2	Lab Control Sample	Total/NA	Water	2540C	

Prep Batch: 27776

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25774-1	74-03	Total/NA	Water	351.2	
885-25774-2	74-02	Total/NA	Water	351.2	
885-25774-3	74-01	Total/NA	Water	351.2	
MB 885-27776/3-A	Method Blank	Total/NA	Water	351.2	
LCS 885-27776/5-A	Lab Control Sample	Total/NA	Water	351.2	
MRL 885-27776/4-A	Lab Control Sample	Total/NA	Water	351.2	
885-25774-1 MS	74-03	Total/NA	Water	351.2	
885-25774-1 MSD	74-03	Total/NA	Water	351.2	

Analysis Batch: 27894

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25774-1	74-03	Total/NA	Water	351.2	27776
885-25774-2	74-02	Total/NA	Water	351.2	27776
885-25774-3	74-01	Total/NA	Water	351.2	27776
MB 885-27776/3-A	Method Blank	Total/NA	Water	351.2	27776
LCS 885-27776/5-A	Lab Control Sample	Total/NA	Water	351.2	27776
MRL 885-27776/4-A	Lab Control Sample	Total/NA	Water	351.2	27776
885-25774-1 MS	74-03	Total/NA	Water	351.2	27776
885-25774-1 MSD	74-03	Total/NA	Water	351.2	27776

Eurofins Albuquerque

Lab Chronicle

Client: EA Engineering
Project/Site: Buena Vista Dairy 2

Job ID: 885-25774-1

Client Sample ID: 74-03

Lab Sample ID: 885-25774-1

Date Collected: 05/29/25 10:20

Matrix: Water

Date Received: 05/30/25 10:42

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	27230	MA	EET ALB	05/30/25 19:29
Total/NA	Analysis	300.0		10	27231	MA	EET ALB	05/30/25 19:29
Total/NA	Analysis	2540C		1	27597	HR	EET ALB	06/04/25 14:57
Total/NA	Prep	351.2			27776	EH	EET ALB	06/06/25 11:54
Total/NA	Analysis	351.2		1	27894	EH	EET ALB	06/09/25 13:57

Client Sample ID: 74-02

Lab Sample ID: 885-25774-2

Date Collected: 05/29/25 11:43

Matrix: Water

Date Received: 05/30/25 10:42

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	27231	MA	EET ALB	05/30/25 20:08
Total/NA	Analysis	300.0		100	27230	MA	EET ALB	05/30/25 20:18
Total/NA	Analysis	2540C		1	27597	HR	EET ALB	06/04/25 14:57
Total/NA	Prep	351.2			27776	EH	EET ALB	06/06/25 11:54
Total/NA	Analysis	351.2		1	27894	EH	EET ALB	06/09/25 14:01

Client Sample ID: 74-01

Lab Sample ID: 885-25774-3

Date Collected: 05/29/25 13:40

Matrix: Water

Date Received: 05/30/25 10:42

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	27231	MA	EET ALB	05/30/25 20:28
Total/NA	Analysis	300.0		100	27230	MA	EET ALB	05/30/25 20:38
Total/NA	Analysis	2540C		1	27597	HR	EET ALB	06/04/25 14:57
Total/NA	Prep	351.2			27776	EH	EET ALB	06/06/25 11:54
Total/NA	Analysis	351.2		1	27894	EH	EET ALB	06/09/25 14:03

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: EA Engineering
Project/Site: Buena Vista Dairy 2

Job ID: 885-25774-1

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-27-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
2540C		Water	Total Dissolved Solids
300.0		Water	Chloride
300.0		Water	Nitrate Nitrite as N
351.2	351.2	Water	Nitrogen, Total Kjeldahl

Oregon	NELAP	NM100001	02-26-26
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The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
351.2	351.2	Water	Nitrogen, Total Kjeldahl

HALL ENVIRONMENTAL ANALYSIS LABORATORY

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885-25774 COC

[illegible]

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Login Sample Receipt Checklist

Client: EA Engineering

Job Number: 885-25774-1

Login Number: 25774

List Source: Eurofins Albuquerque

List Number: 1

Creator: Dominguez, Desiree

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	N/A	

ANALYTICAL REPORT

PREPARED FOR

Attn: Regina Mullen
EA Engineering
320 Gold Ave SW
Suite 1210
Albuquerque, New Mexico 87102

Generated 6/10/2025 5:59:57 PM

JOB DESCRIPTION

Buena Vista Dairy 2

JOB NUMBER

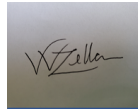
885-25812-1

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



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Authorized for release by
Victoria Zellar, Project Manager
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Definitions/Glossary

Client: EA Engineering
Project/Site: Buena Vista Dairy 2

Job ID: 885-25812-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EA Engineering
Project: Buena Vista Dairy 2

Job ID: 885-25812-1

Job ID: 885-25812-1

Eurofins Albuquerque

Job Narrative 885-25812-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 6/2/2025 9:35 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.8°C.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

Method 351.2: The following samples contained elevated nitrate levels which inhibited the recovery of Total Kjeldahl Nitrogen (TKN): 74-04 (885-25812-1), 74-05 (885-25812-2) and (885-25811-B-1-A).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Albuquerque

Client Sample Results

Client: EA Engineering
Project/Site: Buena Vista Dairy 2

Job ID: 885-25812-1

Client Sample ID: 74-04

Lab Sample ID: 885-25812-1

Date Collected: 05/30/25 10:55

Matrix: Water

Date Received: 06/02/25 09:35

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	590		5.0	mg/L			06/05/25 12:45	10
Nitrate Nitrite as N	10		1.0	mg/L			06/05/25 16:41	5

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2000		250	mg/L			06/05/25 15:42	1
Nitrogen, Total Kjeldahl (EPA 351.2)	ND		0.50	mg/L		06/06/25 11:54	06/09/25 14:51	1

Client Sample Results

Client: EA Engineering
Project/Site: Buena Vista Dairy 2

Job ID: 885-25812-1

Client Sample ID: 74-05

Lab Sample ID: 885-25812-2

Date Collected: 05/30/25 13:15

Matrix: Water

Date Received: 06/02/25 09:35

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	690		5.0	mg/L			06/05/25 13:04	10
Nitrate Nitrite as N	23		1.0	mg/L			06/05/25 16:51	5

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2300		100	mg/L			06/05/25 15:42	1
Nitrogen, Total Kjeldahl (EPA 351.2)	ND		0.50	mg/L		06/06/25 11:54	06/09/25 14:52	1

QC Sample Results

Client: EA Engineering
Project/Site: Buena Vista Dairy 2

Job ID: 885-25812-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-27555/4
Matrix: Water
Analysis Batch: 27555

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	mg/L			06/05/25 08:09	1

Lab Sample ID: LCS 885-27555/5
Matrix: Water
Analysis Batch: 27555

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.00	5.03		mg/L		101	90 - 110

Lab Sample ID: MRL 885-27555/3
Matrix: Water
Analysis Batch: 27555

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.545		mg/L		109	50 - 150

Lab Sample ID: MB 885-27556/4
Matrix: Water
Analysis Batch: 27556

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	ND		0.20	mg/L			06/05/25 08:09	1

Lab Sample ID: LCS 885-27556/5
Matrix: Water
Analysis Batch: 27556

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	2.50	2.56		mg/L		103	90 - 110
Nitrite	1.00	0.974		mg/L		97	90 - 110
Nitrate Nitrite as N	3.50	3.53		mg/L		101	90 - 110

Lab Sample ID: MRL 885-27556/3
Matrix: Water
Analysis Batch: 27556

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	0.100	0.104		mg/L		104	50 - 150
Nitrite	0.100	0.104		mg/L		104	50 - 150
Nitrate Nitrite as N	0.200	0.208		mg/L		104	50 - 150

Method: 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 885-27697/1
Matrix: Water
Analysis Batch: 27697

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		50	mg/L			06/05/25 15:42	1

Eurofins Albuquerque

QC Sample Results

Client: EA Engineering
Project/Site: Buena Vista Dairy 2

Job ID: 885-25812-1

Method: 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: LCS 885-27697/2

Matrix: Water

Analysis Batch: 27697

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	1010		mg/L		101	80 - 120

Method: 351.2 - Nitrogen, Total Kjeldahl

Lab Sample ID: MRL 885-27776/4-A

Matrix: Water

Analysis Batch: 27894

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27776

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	0.500	ND		mg/L		92	50 - 150

Lab Sample ID: MB 885-27777/1-A

Matrix: Water

Analysis Batch: 27894

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27777

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Total Kjeldahl	ND		0.50	mg/L		06/06/25 11:54	06/09/25 14:18	1

Lab Sample ID: LCS 885-27777/3-A

Matrix: Water

Analysis Batch: 27894

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27777

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	10.0	10.1		mg/L		101	90 - 110

Lab Sample ID: MRL 885-27777/2-A

Matrix: Water

Analysis Batch: 27894

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27777

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	0.500	0.523		mg/L		105	50 - 150

QC Association Summary

Client: EA Engineering
Project/Site: Buena Vista Dairy 2

Job ID: 885-25812-1

HPLC/IC

Analysis Batch: 27555

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25812-1	74-04	Total/NA	Water	300.0	
885-25812-2	74-05	Total/NA	Water	300.0	
MB 885-27555/4	Method Blank	Total/NA	Water	300.0	
LCS 885-27555/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-27555/3	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 27556

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25812-1	74-04	Total/NA	Water	300.0	
885-25812-2	74-05	Total/NA	Water	300.0	
MB 885-27556/4	Method Blank	Total/NA	Water	300.0	
LCS 885-27556/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-27556/3	Lab Control Sample	Total/NA	Water	300.0	

General Chemistry

Analysis Batch: 27697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25812-1	74-04	Total/NA	Water	2540C	
885-25812-2	74-05	Total/NA	Water	2540C	
MB 885-27697/1	Method Blank	Total/NA	Water	2540C	
LCS 885-27697/2	Lab Control Sample	Total/NA	Water	2540C	

Prep Batch: 27776

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MRL 885-27776/4-A	Lab Control Sample	Total/NA	Water	351.2	

Prep Batch: 27777

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25812-1	74-04	Total/NA	Water	351.2	
885-25812-2	74-05	Total/NA	Water	351.2	
MB 885-27777/1-A	Method Blank	Total/NA	Water	351.2	
LCS 885-27777/3-A	Lab Control Sample	Total/NA	Water	351.2	
MRL 885-27777/2-A	Lab Control Sample	Total/NA	Water	351.2	

Analysis Batch: 27894

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25812-1	74-04	Total/NA	Water	351.2	27777
885-25812-2	74-05	Total/NA	Water	351.2	27777
MB 885-27777/1-A	Method Blank	Total/NA	Water	351.2	27777
LCS 885-27777/3-A	Lab Control Sample	Total/NA	Water	351.2	27777
MRL 885-27776/4-A	Lab Control Sample	Total/NA	Water	351.2	27776
MRL 885-27777/2-A	Lab Control Sample	Total/NA	Water	351.2	27777

Lab Chronicle

Client: EA Engineering
Project/Site: Buena Vista Dairy 2

Job ID: 885-25812-1

Client Sample ID: 74-04
Date Collected: 05/30/25 10:55
Date Received: 06/02/25 09:35

Lab Sample ID: 885-25812-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	27555	JT	EET ALB	06/05/25 12:45
Total/NA	Analysis	300.0		5	27556	JT	EET ALB	06/05/25 16:41
Total/NA	Analysis	2540C		1	27697	HR	EET ALB	06/05/25 15:42
Total/NA	Prep	351.2			27777	EH	EET ALB	06/06/25 11:54
Total/NA	Analysis	351.2		1	27894	EH	EET ALB	06/09/25 14:51

Client Sample ID: 74-05
Date Collected: 05/30/25 13:15
Date Received: 06/02/25 09:35

Lab Sample ID: 885-25812-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	27555	JT	EET ALB	06/05/25 13:04
Total/NA	Analysis	300.0		5	27556	JT	EET ALB	06/05/25 16:51
Total/NA	Analysis	2540C		1	27697	HR	EET ALB	06/05/25 15:42
Total/NA	Prep	351.2			27777	EH	EET ALB	06/06/25 11:54
Total/NA	Analysis	351.2		1	27894	EH	EET ALB	06/09/25 14:52

Laboratory References:
EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: EA Engineering
Project/Site: Buena Vista Dairy 2

Job ID: 885-25812-1

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-27-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
2540C		Water	Total Dissolved Solids
300.0		Water	Chloride
300.0		Water	Nitrate Nitrite as N
351.2	351.2	Water	Nitrogen, Total Kjeldahl

Oregon	NELAP	NM100001	02-26-26
--------	-------	----------	----------

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
351.2	351.2	Water	Nitrogen, Total Kjeldahl

Login Sample Receipt Checklist

Client: EA Engineering

Job Number: 885-25812-1

Login Number: 25812

List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	N/A	

ANALYTICAL REPORT

PREPARED FOR

Attn: Regina Mullen
EA Engineering
320 Gold Ave SW
Suite 1210
Albuquerque, New Mexico 87102

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JOB DESCRIPTION

Dona Ana Dairies

JOB NUMBER

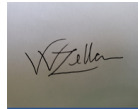
885-26820-1

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



Authorized for release by
Victoria Zellar, Project Manager
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(505)345-3975

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Definitions/Glossary

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-26820-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
E	Result exceeded calibration range.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
SQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EA Engineering
Project: Dona Ana Dairies

Job ID: 885-26820-1

Job ID: 885-26820-1

Eurofins Albuquerque

Job Narrative 885-26820-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 6/14/2025 11:45 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.4°C.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

Method 2540C_SingleDry: The analysis volume selected for the following samples produced a base result greater than 200mg before calculation of the final result: DAD-13 (885-26820-2) and DAD-11 (885-26820-3). Reanalysis could not be performed due to holding time exceedance. Visual inspection by analyst shows no signs of trapped moisture, report as is. The reference method specifies that no more than 200mg of weight be recovered for a chosen sample analysis volume in order to produce the best data precision. As such, these data have been qualified.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Albuquerque

Client Sample Results

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-26820-1

Client Sample ID: DAD-01

Lab Sample ID: 885-26820-1

Date Collected: 06/13/25 10:25

Matrix: Water

Date Received: 06/14/25 11:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	300		5.0	mg/L			06/17/25 15:22	10
Nitrate Nitrite as N	7.8		1.0	mg/L			06/17/25 17:40	5

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1100		100	mg/L			06/18/25 15:12	1
Nitrogen, Kjeldahl (EPA 351.2)	1.1		0.20	mg/L		06/18/25 19:03	06/20/25 14:27	1

Client Sample Results

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-26820-1

Client Sample ID: DAD-13

Lab Sample ID: 885-26820-2

Date Collected: 06/13/25 11:36

Matrix: Water

Date Received: 06/14/25 11:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	670		5.0	mg/L			06/17/25 15:42	10
Nitrate Nitrite as N	6.4		1.0	mg/L			06/17/25 17:50	5

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2100	E	50	mg/L			06/18/25 17:14	1
Nitrogen, Kjeldahl (EPA 351.2)	0.99		0.20	mg/L		06/18/25 19:03	06/20/25 14:27	1

Client Sample Results

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-26820-1

Client Sample ID: DAD-11

Lab Sample ID: 885-26820-3

Date Collected: 06/13/25 14:55

Matrix: Water

Date Received: 06/14/25 11:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1100		50	mg/L			06/17/25 16:11	100
Nitrate Nitrite as N	46		2.0	mg/L			06/20/25 14:56	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3800	E	50	mg/L			06/18/25 17:14	1
Nitrogen, Kjeldahl (EPA 351.2)	1.5		0.20	mg/L		06/18/25 19:03	06/20/25 14:28	1

QC Sample Results

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-26820-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-28425/4

Matrix: Water

Analysis Batch: 28425

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	mg/L			06/17/25 08:14	1

Lab Sample ID: LCS 885-28425/5

Matrix: Water

Analysis Batch: 28425

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.00	5.02		mg/L		100	90 - 110

Lab Sample ID: MRL 885-28425/3

Matrix: Water

Analysis Batch: 28425

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.522		mg/L		104	50 - 150

Lab Sample ID: MB 885-28426/4

Matrix: Water

Analysis Batch: 28426

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	ND		0.20	mg/L			06/17/25 08:14	1

Lab Sample ID: LCS 885-28426/5

Matrix: Water

Analysis Batch: 28426

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	2.50	2.57		mg/L		103	90 - 110
Nitrite	1.00	0.947		mg/L		95	90 - 110
Nitrate Nitrite as N	3.50	3.52		mg/L		100	90 - 110

Lab Sample ID: MRL 885-28426/3

Matrix: Water

Analysis Batch: 28426

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	0.100	0.100		mg/L		100	50 - 150
Nitrite	0.100	0.101		mg/L		101	50 - 150
Nitrate Nitrite as N	0.200	0.201		mg/L		100	50 - 150

Lab Sample ID: MB 885-28713/4

Matrix: Water

Analysis Batch: 28713

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	ND		0.20	mg/L			06/20/25 10:30	1

Eurofins Albuquerque

QC Sample Results

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-26820-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-28713/5

Matrix: Water

Analysis Batch: 28713

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	2.50	2.59		mg/L		103	90 - 110
Nitrite	1.00	0.951		mg/L		95	90 - 110
Nitrate Nitrite as N	3.50	3.54		mg/L		101	90 - 110

Lab Sample ID: MRL 885-28713/3

Matrix: Water

Analysis Batch: 28713

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	0.100	0.0931	J	mg/L		93	50 - 150
Nitrite	0.100	0.0907	J	mg/L		91	50 - 150
Nitrate Nitrite as N	0.200	0.184	J	mg/L		92	50 - 150

Method: 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 885-28596/1

Matrix: Water

Analysis Batch: 28596

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		50	mg/L			06/18/25 15:12	1

Lab Sample ID: LCS 885-28596/2

Matrix: Water

Analysis Batch: 28596

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	994		mg/L		99	80 - 120

Lab Sample ID: MB 885-28620/1

Matrix: Water

Analysis Batch: 28620

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		50	mg/L			06/18/25 17:14	1

Lab Sample ID: LCS 885-28620/2

Matrix: Water

Analysis Batch: 28620

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	1000		mg/L		100	80 - 120

Eurofins Albuquerque

QC Sample Results

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-26820-1

Method: 351.2 - Nitrogen, Total Kjeldahl

Lab Sample ID: MB 860-243439/31-A
Matrix: Water
Analysis Batch: 244029

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 243439

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Kjeldahl	ND		0.20	mg/L		06/18/25 19:04	06/19/25 23:48	1

Lab Sample ID: MB 860-243439/4-A
Matrix: Water
Analysis Batch: 244029

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 243439

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Kjeldahl	ND		0.20	mg/L		06/18/25 19:03	06/20/25 14:50	1

Lab Sample ID: LCS 860-243439/32-A
Matrix: Water
Analysis Batch: 244029

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 243439

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Kjeldahl	2.00	2.15		mg/L		108	90 - 110

Lab Sample ID: LCSD 860-243439/33-A
Matrix: Water
Analysis Batch: 244029

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 243439

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrogen, Kjeldahl	2.00	2.08		mg/L		104	90 - 110	3	20

Lab Sample ID: LLCS 860-243439/5-A
Matrix: Water
Analysis Batch: 244029

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 243439

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Kjeldahl	0.200	0.275		mg/L		137	50 - 150

QC Association Summary

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-26820-1

HPLC/IC

Analysis Batch: 28425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26820-1	DAD-01	Total/NA	Water	300.0	
885-26820-2	DAD-13	Total/NA	Water	300.0	
885-26820-3	DAD-11	Total/NA	Water	300.0	
MB 885-28425/4	Method Blank	Total/NA	Water	300.0	
LCS 885-28425/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-28425/3	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 28426

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26820-1	DAD-01	Total/NA	Water	300.0	
885-26820-2	DAD-13	Total/NA	Water	300.0	
MB 885-28426/4	Method Blank	Total/NA	Water	300.0	
LCS 885-28426/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-28426/3	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 28713

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26820-3	DAD-11	Total/NA	Water	300.0	
MB 885-28713/4	Method Blank	Total/NA	Water	300.0	
LCS 885-28713/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-28713/3	Lab Control Sample	Total/NA	Water	300.0	

General Chemistry

Analysis Batch: 28596

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26820-1	DAD-01	Total/NA	Water	2540C	
MB 885-28596/1	Method Blank	Total/NA	Water	2540C	
LCS 885-28596/2	Lab Control Sample	Total/NA	Water	2540C	

Analysis Batch: 28620

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26820-2	DAD-13	Total/NA	Water	2540C	
885-26820-3	DAD-11	Total/NA	Water	2540C	
MB 885-28620/1	Method Blank	Total/NA	Water	2540C	
LCS 885-28620/2	Lab Control Sample	Total/NA	Water	2540C	

Prep Batch: 243439

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26820-1	DAD-01	Total/NA	Water	351.2	
885-26820-2	DAD-13	Total/NA	Water	351.2	
885-26820-3	DAD-11	Total/NA	Water	351.2	
MB 860-243439/31-A	Method Blank	Total/NA	Water	351.2	
MB 860-243439/4-A	Method Blank	Total/NA	Water	351.2	
LCS 860-243439/32-A	Lab Control Sample	Total/NA	Water	351.2	
LCSD 860-243439/33-A	Lab Control Sample Dup	Total/NA	Water	351.2	
LLCS 860-243439/5-A	Lab Control Sample	Total/NA	Water	351.2	

Analysis Batch: 244029

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26820-1	DAD-01	Total/NA	Water	351.2	243439

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QC Association Summary

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-26820-1

General Chemistry (Continued)

Analysis Batch: 244029 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26820-2	DAD-13	Total/NA	Water	351.2	243439
885-26820-3	DAD-11	Total/NA	Water	351.2	243439
MB 860-243439/31-A	Method Blank	Total/NA	Water	351.2	243439
MB 860-243439/4-A	Method Blank	Total/NA	Water	351.2	243439
LCS 860-243439/32-A	Lab Control Sample	Total/NA	Water	351.2	243439
LCSD 860-243439/33-A	Lab Control Sample Dup	Total/NA	Water	351.2	243439
LLCS 860-243439/5-A	Lab Control Sample	Total/NA	Water	351.2	243439

Lab Chronicle

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-26820-1

Client Sample ID: DAD-01

Lab Sample ID: 885-26820-1

Date Collected: 06/13/25 10:25

Matrix: Water

Date Received: 06/14/25 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	28425	ES	EET ALB	06/17/25 15:22
Total/NA	Analysis	300.0		5	28426	ES	EET ALB	06/17/25 17:40
Total/NA	Analysis	2540C		1	28596	HR	EET ALB	06/18/25 15:12
Total/NA	Prep	351.2			243439	ALL	EET HOU	06/18/25 19:03
Total/NA	Analysis	351.2		1	244029	ALL	EET HOU	06/20/25 14:27

Client Sample ID: DAD-13

Lab Sample ID: 885-26820-2

Date Collected: 06/13/25 11:36

Matrix: Water

Date Received: 06/14/25 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	28425	ES	EET ALB	06/17/25 15:42
Total/NA	Analysis	300.0		5	28426	ES	EET ALB	06/17/25 17:50
Total/NA	Analysis	2540C		1	28620	KS	EET ALB	06/18/25 17:14
Total/NA	Prep	351.2			243439	ALL	EET HOU	06/18/25 19:03
Total/NA	Analysis	351.2		1	244029	ALL	EET HOU	06/20/25 14:27

Client Sample ID: DAD-11

Lab Sample ID: 885-26820-3

Date Collected: 06/13/25 14:55

Matrix: Water

Date Received: 06/14/25 11:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		100	28425	ES	EET ALB	06/17/25 16:11
Total/NA	Analysis	300.0		10	28713	ES	EET ALB	06/20/25 14:56
Total/NA	Analysis	2540C		1	28620	KS	EET ALB	06/18/25 17:14
Total/NA	Prep	351.2			243439	ALL	EET HOU	06/18/25 19:03
Total/NA	Analysis	351.2		1	244029	ALL	EET HOU	06/20/25 14:28

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-26820-1

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-27-26
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
2540C		Water	Total Dissolved Solids
300.0		Water	Chloride
300.0		Water	Nitrate Nitrite as N
Oregon	NELAP	NM100001	02-26-26

Laboratory: Eurofins Houston

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-00759	08-04-25
Florida	NELAP	E871002	06-30-25
Louisiana (All)	NELAP	03054	12-20-25
Oklahoma	NELAP	1306	08-31-25
Texas	NELAP	T104704215	06-30-25
Texas	TCEQ Water Supply	T104704215	12-28-25
USDA	US Federal Programs	525-23-79-79507	03-20-26

HALL ENVIRONMENTAL ANALYSIS LABORATORY



www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87106 885-26820 COC

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

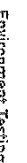
[illegible]

email or Fax#: mullen@east.com						Project Manager: Gina Mullen									
QA/QC Package. <input type="checkbox"/> Standard <input checked="" type="checkbox"/> Level 4 (Full Validation)															
Accreditation: <input type="checkbox"/> Az Compliance <input type="checkbox"/> NELAC <input type="checkbox"/> Other _____							Sampler: Angel N. Rivera								
<input type="checkbox"/> EDD (Type) _____							On Ice! <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No								
							# of Coolers: 1 MAGS								
							Cooler Temp (including CFV): 1.2 + 0.2 = 1.4 °C								
Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.									
6-13	10:25	GW	DAD-01	2	-1										
6-13	11:36	GW	DAD-13	2	-2										
6-13	14:55	GW	DAD-11	2	-3										
Date	Time	Relinquished by			Received by	Via	Date	Time							
6-13	16:35	[Signature]			[Signature]	FedEx	06/14/25	11:45							
Date	Time	Relinquished by			Received by	Via	Date	Time							

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

- 1
- 2
- 3
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- 10
- 11

Chain of Custody Record



2025

[illegible]

Login Sample Receipt Checklist

Client: EA Engineering

Job Number: 885-26820-1

Login Number: 26820

List Source: Eurofins Albuquerque

List Number: 1

Creator: Proctor, Nancy

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	N/A	

Login Sample Receipt Checklist

Client: EA Engineering

Job Number: 885-26820-1

Login Number: 26820

List Number: 2

Creator: Torrez, Lisandra

List Source: Eurofins Houston

List Creation: 06/17/25 10:47 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

ANALYTICAL REPORT

PREPARED FOR

Attn: Regina Mullen
EA Engineering
320 Gold Ave SW
Suite 1210
Albuquerque, New Mexico 87102

Generated 6/26/2025 6:53:26 AM

JOB DESCRIPTION

Dona Ana Dairies

JOB NUMBER

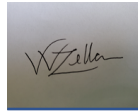
885-26911-1

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



Generated
6/26/2025 6:53:26 AM

Authorized for release by
Victoria Zellar, Project Manager
Victoria.Zellar@et.eurofinsus.com
(505)345-3975



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Definitions/Glossary

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-26911-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EA Engineering
Project: Dona Ana Dairies

Job ID: 885-26911-1

Job ID: 885-26911-1

Eurofins Albuquerque

Job Narrative 885-26911-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 6/17/2025 8:57 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.5°C.

HPLC/IC

Method 300_OF_48H_PREC: The following samples were diluted due to the nature of the sample matrix: DAD-23 (885-26911-1), DAD-06R (885-26911-2) and DAD-19 (885-26911-3). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Albuquerque

Client Sample Results

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-26911-1

Client Sample ID: DAD-23

Lab Sample ID: 885-26911-1

Date Collected: 06/16/25 11:00

Matrix: Water

Date Received: 06/17/25 08:57

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	330		5.0	mg/L			06/17/25 11:43	10
Nitrate	19		1.0	mg/L			06/17/25 11:43	10
Nitrite	ND		1.0	mg/L			06/17/25 11:43	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1600		100	mg/L			06/20/25 10:30	1
Nitrogen, Kjeldahl (EPA 351.2)	0.66		0.20	mg/L		06/19/25 12:26	06/20/25 16:43	1

Client Sample Results

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-26911-1

Client Sample ID: DAD-06R

Lab Sample ID: 885-26911-2

Date Collected: 06/16/25 13:25

Matrix: Water

Date Received: 06/17/25 08:57

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	100		5.0	mg/L			06/17/25 12:42	10
Nitrate	13		1.0	mg/L			06/17/25 12:42	10
Nitrite	ND		1.0	mg/L			06/17/25 12:42	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	710		100	mg/L			06/20/25 10:30	1
Nitrogen, Kjeldahl (EPA 351.2)	3.5		1.0	mg/L		06/19/25 12:26	06/20/25 17:10	5

Client Sample Results

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-26911-1

Client Sample ID: DAD-19

Lab Sample ID: 885-26911-3

Date Collected: 06/16/25 15:30

Matrix: Water

Date Received: 06/17/25 08:57

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1000		50	mg/L			06/17/25 13:12	100
Nitrate	31		1.0	mg/L			06/17/25 13:02	10
Nitrite	ND		1.0	mg/L			06/17/25 13:02	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3000		100	mg/L			06/20/25 10:30	1
Nitrogen, Kjeldahl (EPA 351.2)	1.2		0.20	mg/L		06/19/25 12:26	06/20/25 16:42	1

QC Sample Results

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-26911-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-28425/4

Matrix: Water

Analysis Batch: 28425

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	mg/L			06/17/25 08:14	1

Lab Sample ID: LCS 885-28425/5

Matrix: Water

Analysis Batch: 28425

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.00	5.02		mg/L		100	90 - 110

Lab Sample ID: MRL 885-28425/3

Matrix: Water

Analysis Batch: 28425

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.522		mg/L		104	50 - 150

Lab Sample ID: MB 885-28426/4

Matrix: Water

Analysis Batch: 28426

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate	ND		0.10	mg/L			06/17/25 08:14	1
Nitrite	ND		0.10	mg/L			06/17/25 08:14	1

Lab Sample ID: LCS 885-28426/5

Matrix: Water

Analysis Batch: 28426

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	2.50	2.57		mg/L		103	90 - 110
Nitrite	1.00	0.947		mg/L		95	90 - 110

Lab Sample ID: MRL 885-28426/3

Matrix: Water

Analysis Batch: 28426

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	0.100	0.100		mg/L		100	50 - 150
Nitrite	0.100	0.101		mg/L		101	50 - 150

Lab Sample ID: 885-26911-1 MS

Matrix: Water

Analysis Batch: 28426

Client Sample ID: DAD-23

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	19		25.0	43.6		mg/L		98	80 - 120
Nitrite	ND		10.0	8.95		mg/L		90	80 - 120

Eurofins Albuquerque

QC Sample Results

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-26911-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 885-26911-1 MSD

Matrix: Water

Analysis Batch: 28426

Client Sample ID: DAD-23

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate	19		25.0	43.6		mg/L		98	80 - 120	0	20
Nitrite	ND		10.0	8.96		mg/L		90	80 - 120	0	20

Method: 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 885-28725/1

Matrix: Water

Analysis Batch: 28725

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		50	mg/L			06/20/25 10:30	1

Lab Sample ID: LCS 885-28725/2

Matrix: Water

Analysis Batch: 28725

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	970		mg/L		97	80 - 120

Method: 351.2 - Nitrogen, Total Kjeldahl

Lab Sample ID: MB 860-243634/27-A

Matrix: Water

Analysis Batch: 244080

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 243634

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Kjeldahl	ND		7.8	mg/L		06/19/25 12:32	06/20/25 16:46	1

Lab Sample ID: MB 860-243634/4-A

Matrix: Water

Analysis Batch: 244080

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 243634

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Kjeldahl	ND		0.20	mg/L		06/19/25 12:26	06/20/25 16:33	1

Lab Sample ID: LCS 860-243634/28-A

Matrix: Water

Analysis Batch: 244080

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 243634

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Kjeldahl	76.9	79.0		mg/L		103	90 - 110

Lab Sample ID: LCS 860-243634/6-A

Matrix: Water

Analysis Batch: 244080

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 243634

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Kjeldahl	2.00	2.11		mg/L		105	90 - 110

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QC Sample Results

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-26911-1

Method: 351.2 - Nitrogen, Total Kjeldahl (Continued)

Lab Sample ID: LCSD 860-243634/29-A
Matrix: Water
Analysis Batch: 244080

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 243634

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrogen, Kjeldahl	78.4	81.3		mg/L		104	90 - 110	3	20

Lab Sample ID: LCSD 860-243634/35-A
Matrix: Water
Analysis Batch: 244080

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 243634

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrogen, Kjeldahl	2.00	2.07		mg/L		104	90 - 110	2	20

Lab Sample ID: LLCS 860-243634/5-A
Matrix: Water
Analysis Batch: 244080

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 243634

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrogen, Kjeldahl	0.200	0.203		mg/L		102	50 - 150		

QC Association Summary

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-26911-1

HPLC/IC

Analysis Batch: 28425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26911-1	DAD-23	Total/NA	Water	300.0	
885-26911-2	DAD-06R	Total/NA	Water	300.0	
885-26911-3	DAD-19	Total/NA	Water	300.0	
MB 885-28425/4	Method Blank	Total/NA	Water	300.0	
LCS 885-28425/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-28425/3	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 28426

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26911-1	DAD-23	Total/NA	Water	300.0	
885-26911-2	DAD-06R	Total/NA	Water	300.0	
885-26911-3	DAD-19	Total/NA	Water	300.0	
MB 885-28426/4	Method Blank	Total/NA	Water	300.0	
LCS 885-28426/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-28426/3	Lab Control Sample	Total/NA	Water	300.0	
885-26911-1 MS	DAD-23	Total/NA	Water	300.0	
885-26911-1 MSD	DAD-23	Total/NA	Water	300.0	

General Chemistry

Analysis Batch: 28725

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26911-1	DAD-23	Total/NA	Water	2540C	
885-26911-2	DAD-06R	Total/NA	Water	2540C	
885-26911-3	DAD-19	Total/NA	Water	2540C	
MB 885-28725/1	Method Blank	Total/NA	Water	2540C	
LCS 885-28725/2	Lab Control Sample	Total/NA	Water	2540C	

Prep Batch: 243634

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26911-1	DAD-23	Total/NA	Water	351.2	
885-26911-2	DAD-06R	Total/NA	Water	351.2	
885-26911-3	DAD-19	Total/NA	Water	351.2	
MB 860-243634/27-A	Method Blank	Total/NA	Water	351.2	
MB 860-243634/4-A	Method Blank	Total/NA	Water	351.2	
LCS 860-243634/28-A	Lab Control Sample	Total/NA	Water	351.2	
LCS 860-243634/6-A	Lab Control Sample	Total/NA	Water	351.2	
LCSD 860-243634/29-A	Lab Control Sample Dup	Total/NA	Water	351.2	
LCSD 860-243634/35-A	Lab Control Sample Dup	Total/NA	Water	351.2	
LLCS 860-243634/5-A	Lab Control Sample	Total/NA	Water	351.2	

Analysis Batch: 244080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26911-1	DAD-23	Total/NA	Water	351.2	243634
885-26911-2	DAD-06R	Total/NA	Water	351.2	243634
885-26911-3	DAD-19	Total/NA	Water	351.2	243634
MB 860-243634/27-A	Method Blank	Total/NA	Water	351.2	243634
MB 860-243634/4-A	Method Blank	Total/NA	Water	351.2	243634
LCS 860-243634/28-A	Lab Control Sample	Total/NA	Water	351.2	243634
LCS 860-243634/6-A	Lab Control Sample	Total/NA	Water	351.2	243634
LCSD 860-243634/29-A	Lab Control Sample Dup	Total/NA	Water	351.2	243634

Eurofins Albuquerque

QC Association Summary

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-26911-1

General Chemistry (Continued)

Analysis Batch: 244080 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 860-243634/35-A	Lab Control Sample Dup	Total/NA	Water	351.2	243634
LLCS 860-243634/5-A	Lab Control Sample	Total/NA	Water	351.2	243634

- 1
- 2
- 3
- 4
- 5
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- 10
- 11

Lab Chronicle

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-26911-1

Client Sample ID: DAD-23

Lab Sample ID: 885-26911-1

Date Collected: 06/16/25 11:00

Matrix: Water

Date Received: 06/17/25 08:57

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	28425	ES	EET ALB	06/17/25 11:43
Total/NA	Analysis	300.0		10	28426	ES	EET ALB	06/17/25 11:43
Total/NA	Analysis	2540C		1	28725	HR	EET ALB	06/20/25 10:30
Total/NA	Prep	351.2			243634	CT	EET HOU	06/19/25 12:26
Total/NA	Analysis	351.2		1	244080	ALL	EET HOU	06/20/25 16:43

Client Sample ID: DAD-06R

Lab Sample ID: 885-26911-2

Date Collected: 06/16/25 13:25

Matrix: Water

Date Received: 06/17/25 08:57

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	28425	ES	EET ALB	06/17/25 12:42
Total/NA	Analysis	300.0		10	28426	ES	EET ALB	06/17/25 12:42
Total/NA	Analysis	2540C		1	28725	HR	EET ALB	06/20/25 10:30
Total/NA	Prep	351.2			243634	CT	EET HOU	06/19/25 12:26
Total/NA	Analysis	351.2		5	244080	ALL	EET HOU	06/20/25 17:10

Client Sample ID: DAD-19

Lab Sample ID: 885-26911-3

Date Collected: 06/16/25 15:30

Matrix: Water

Date Received: 06/17/25 08:57

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	28426	ES	EET ALB	06/17/25 13:02
Total/NA	Analysis	300.0		100	28425	ES	EET ALB	06/17/25 13:12
Total/NA	Analysis	2540C		1	28725	HR	EET ALB	06/20/25 10:30
Total/NA	Prep	351.2			243634	CT	EET HOU	06/19/25 12:26
Total/NA	Analysis	351.2		1	244080	ALL	EET HOU	06/20/25 16:42

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-26911-1

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-27-26
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
2540C		Water	Total Dissolved Solids
300.0		Water	Chloride
300.0		Water	Nitrate
300.0		Water	Nitrite
Oregon	NELAP	NM100001	02-26-26

Laboratory: Eurofins Houston

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-00759	08-04-25
Florida	NELAP	E871002	06-30-25
Louisiana (All)	NELAP	03054	12-20-25
Oklahoma	NELAP	1306	08-31-25
Texas	NELAP	T104704215	06-30-25
Texas	TCEQ Water Supply	T104704215	12-28-25
USDA	US Federal Programs	525-23-79-79507	03-20-26

Login Sample Receipt Checklist

Client: EA Engineering

Job Number: 885-26911-1

Login Number: 26911

List Source: Eurofins Albuquerque

List Number: 1

Creator: McQuiston, Steven

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	N/A	

Login Sample Receipt Checklist

Client: EA Engineering

Job Number: 885-26911-1

Login Number: 26911

List Number: 2

Creator: Silva, Daniel

List Source: Eurofins Houston

List Creation: 06/18/25 02:33 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

ANALYTICAL REPORT

PREPARED FOR

Attn: Regina Mullen
EA Engineering
320 Gold Ave SW
Suite 1210
Albuquerque, New Mexico 87102

Generated 7/1/2025 11:19:46 AM

JOB DESCRIPTION

Dona Ana Dairies

JOB NUMBER

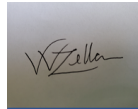
885-27214-1

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



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Authorized for release by
Victoria Zellar, Project Manager
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(505)345-3975



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Definitions/Glossary

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-27214-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
SQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EA Engineering
Project: Dona Ana Dairies

Job ID: 885-27214-1

Job ID: 885-27214-1

Eurofins Albuquerque

Job Narrative 885-27214-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 6/20/2025 9:15 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.7°C.

HPLC/IC

Method 300_OF_48H_PREC: The following sample was diluted due to the nature of the sample matrix: DAD-14 (885-27214-1). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Albuquerque

Client Sample Results

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-27214-1

Client Sample ID: DAD-14

Lab Sample ID: 885-27214-1

Date Collected: 06/19/25 09:55

Matrix: Water

Date Received: 06/20/25 09:15

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1200		50	mg/L			06/20/25 12:27	100
Nitrate	79		10	mg/L			06/20/25 12:27	100
Nitrite	ND		1.0	mg/L			06/20/25 11:47	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3800		100	mg/L			06/26/25 11:40	1
Nitrogen, Kjeldahl (EPA 351.2)	0.47		0.20	mg/L		06/25/25 18:21	06/27/25 18:57	1

Client Sample Results

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-27214-1

Client Sample ID: DAD-15

Lab Sample ID: 885-27214-2

Date Collected: 06/19/25 12:50

Matrix: Water

Date Received: 06/20/25 09:15

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	790		5.0	mg/L			06/20/25 12:41	10
Nitrate	27		1.0	mg/L			06/20/25 12:41	10
Nitrite	ND		1.0	mg/L			06/20/25 12:41	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2600		100	mg/L			06/26/25 11:40	1
Nitrogen, Kjeldahl (EPA 351.2)	0.40		0.20	mg/L		06/25/25 18:21	06/27/25 18:58	1

Client Sample Results

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-27214-1

Client Sample ID: DAD-18

Lab Sample ID: 885-27214-3

Date Collected: 06/19/25 14:50

Matrix: Water

Date Received: 06/20/25 09:15

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	720		5.0	mg/L			06/20/25 13:36	10
Nitrate	14		1.0	mg/L			06/20/25 13:36	10
Nitrite	ND		1.0	mg/L			06/20/25 13:36	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2600		100	mg/L			06/26/25 11:40	1
Nitrogen, Kjeldahl (EPA 351.2)	0.37		0.20	mg/L		06/25/25 18:21	06/27/25 18:59	1

QC Sample Results

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-27214-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-28715/4

Matrix: Water

Analysis Batch: 28715

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	mg/L			06/20/25 11:04	1

Lab Sample ID: LCS 885-28715/5

Matrix: Water

Analysis Batch: 28715

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.00	4.94		mg/L		99	90 - 110

Lab Sample ID: MRL 885-28715/3

Matrix: Water

Analysis Batch: 28715

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.520		mg/L		104	50 - 150

Lab Sample ID: MB 885-28716/4

Matrix: Water

Analysis Batch: 28716

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate	ND		0.10	mg/L			06/20/25 11:04	1
Nitrite	ND		0.10	mg/L			06/20/25 11:04	1

Lab Sample ID: LCS 885-28716/5

Matrix: Water

Analysis Batch: 28716

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	2.50	2.53		mg/L		101	90 - 110
Nitrite	1.00	0.945		mg/L		94	90 - 110

Lab Sample ID: MRL 885-28716/3

Matrix: Water

Analysis Batch: 28716

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	0.100	0.0946	J	mg/L		94	50 - 150
Nitrite	0.100	0.0917	J	mg/L		92	50 - 150

Lab Sample ID: 885-27214-1 MS

Matrix: Water

Analysis Batch: 28716

Client Sample ID: DAD-14

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrite	ND		10.0	8.68		mg/L		87	80 - 120

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QC Sample Results

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-27214-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 885-27214-1 MSD

Matrix: Water

Analysis Batch: 28716

Client Sample ID: DAD-14

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrite	ND		10.0	8.60		mg/L		86	80 - 120	1	20

Method: 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 885-29076/1

Matrix: Water

Analysis Batch: 29076

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		50	mg/L			06/26/25 11:40	1

Lab Sample ID: LCS 885-29076/2

Matrix: Water

Analysis Batch: 29076

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	955		mg/L		95	80 - 120

Lab Sample ID: 885-27214-2 DU

Matrix: Water

Analysis Batch: 29076

Client Sample ID: DAD-15

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	2600		2730		mg/L		5	10

Method: 351.2 - Nitrogen, Total Kjeldahl

Lab Sample ID: MB 860-244974/31-A

Matrix: Water

Analysis Batch: 245546

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 244974

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Kjeldahl	ND		0.20	mg/L		06/25/25 18:21	06/27/25 18:52	1

Lab Sample ID: MB 860-244974/4-A

Matrix: Water

Analysis Batch: 245546

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 244974

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Kjeldahl	ND		0.20	mg/L		06/25/25 18:21	06/27/25 18:39	1

Lab Sample ID: LCS 860-244974/32-A

Matrix: Water

Analysis Batch: 245546

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 244974

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Kjeldahl	2.00	2.01		mg/L		101	90 - 110

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QC Sample Results

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-27214-1

Method: 351.2 - Nitrogen, Total Kjeldahl (Continued)

Lab Sample ID: LCSD 860-244974/33-A

Matrix: Water

Analysis Batch: 245546

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 244974

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits	RPD		
Nitrogen, Kjeldahl	2.00	2.01		mg/L		100	90 - 110	0		20

Lab Sample ID: LLCS 860-244974/5-A

Matrix: Water

Analysis Batch: 245546

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 244974

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec		RPD	Limit
							Limits	RPD		
Nitrogen, Kjeldahl	0.200	0.189	J	mg/L		95	50 - 150			

QC Association Summary

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-27214-1

HPLC/IC

Analysis Batch: 28715

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27214-1	DAD-14	Total/NA	Water	300.0	
885-27214-2	DAD-15	Total/NA	Water	300.0	
885-27214-3	DAD-18	Total/NA	Water	300.0	
MB 885-28715/4	Method Blank	Total/NA	Water	300.0	
LCS 885-28715/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-28715/3	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 28716

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27214-1	DAD-14	Total/NA	Water	300.0	
885-27214-1	DAD-14	Total/NA	Water	300.0	
885-27214-2	DAD-15	Total/NA	Water	300.0	
885-27214-3	DAD-18	Total/NA	Water	300.0	
MB 885-28716/4	Method Blank	Total/NA	Water	300.0	
LCS 885-28716/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-28716/3	Lab Control Sample	Total/NA	Water	300.0	
885-27214-1 MS	DAD-14	Total/NA	Water	300.0	
885-27214-1 MSD	DAD-14	Total/NA	Water	300.0	

General Chemistry

Analysis Batch: 29076

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27214-1	DAD-14	Total/NA	Water	2540C	
885-27214-2	DAD-15	Total/NA	Water	2540C	
885-27214-3	DAD-18	Total/NA	Water	2540C	
MB 885-29076/1	Method Blank	Total/NA	Water	2540C	
LCS 885-29076/2	Lab Control Sample	Total/NA	Water	2540C	
885-27214-2 DU	DAD-15	Total/NA	Water	2540C	

Prep Batch: 244974

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27214-1	DAD-14	Total/NA	Water	351.2	
885-27214-2	DAD-15	Total/NA	Water	351.2	
885-27214-3	DAD-18	Total/NA	Water	351.2	
MB 860-244974/31-A	Method Blank	Total/NA	Water	351.2	
MB 860-244974/4-A	Method Blank	Total/NA	Water	351.2	
LCS 860-244974/32-A	Lab Control Sample	Total/NA	Water	351.2	
LCSD 860-244974/33-A	Lab Control Sample Dup	Total/NA	Water	351.2	
LLCS 860-244974/5-A	Lab Control Sample	Total/NA	Water	351.2	

Analysis Batch: 245546

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27214-1	DAD-14	Total/NA	Water	351.2	244974
885-27214-2	DAD-15	Total/NA	Water	351.2	244974
885-27214-3	DAD-18	Total/NA	Water	351.2	244974
MB 860-244974/31-A	Method Blank	Total/NA	Water	351.2	244974
MB 860-244974/4-A	Method Blank	Total/NA	Water	351.2	244974
LCS 860-244974/32-A	Lab Control Sample	Total/NA	Water	351.2	244974
LCSD 860-244974/33-A	Lab Control Sample Dup	Total/NA	Water	351.2	244974
LLCS 860-244974/5-A	Lab Control Sample	Total/NA	Water	351.2	244974

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Lab Chronicle

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-27214-1

Client Sample ID: DAD-14

Lab Sample ID: 885-27214-1

Date Collected: 06/19/25 09:55

Matrix: Water

Date Received: 06/20/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	28716	ES	EET ALB	06/20/25 11:47
Total/NA	Analysis	300.0		100	28715	ES	EET ALB	06/20/25 12:27
Total/NA	Analysis	300.0		100	28716	ES	EET ALB	06/20/25 12:27
Total/NA	Analysis	2540C		1	29076	HR	EET ALB	06/26/25 11:40
Total/NA	Prep	351.2			244974	MK	EET HOU	06/25/25 18:21
Total/NA	Analysis	351.2		1	245546	ALL	EET HOU	06/27/25 18:57

Client Sample ID: DAD-15

Lab Sample ID: 885-27214-2

Date Collected: 06/19/25 12:50

Matrix: Water

Date Received: 06/20/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	28715	ES	EET ALB	06/20/25 12:41
Total/NA	Analysis	300.0		10	28716	ES	EET ALB	06/20/25 12:41
Total/NA	Analysis	2540C		1	29076	HR	EET ALB	06/26/25 11:40
Total/NA	Prep	351.2			244974	MK	EET HOU	06/25/25 18:21
Total/NA	Analysis	351.2		1	245546	ALL	EET HOU	06/27/25 18:58

Client Sample ID: DAD-18

Lab Sample ID: 885-27214-3

Date Collected: 06/19/25 14:50

Matrix: Water

Date Received: 06/20/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	28715	ES	EET ALB	06/20/25 13:36
Total/NA	Analysis	300.0		10	28716	ES	EET ALB	06/20/25 13:36
Total/NA	Analysis	2540C		1	29076	HR	EET ALB	06/26/25 11:40
Total/NA	Prep	351.2			244974	MK	EET HOU	06/25/25 18:21
Total/NA	Analysis	351.2		1	245546	ALL	EET HOU	06/27/25 18:59

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-27214-1

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-27-26
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
2540C		Water	Total Dissolved Solids
300.0		Water	Chloride
300.0		Water	Nitrate
300.0		Water	Nitrite
Oregon	NELAP	NM100001	02-26-26

Laboratory: Eurofins Houston

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	88-00759	08-04-25
Florida	NELAP	E871002	06-30-25
Louisiana (All)	NELAP	03054	12-20-25
Oklahoma	NELAP	1306	08-31-25
Texas	NELAP	T104704215	06-30-25
Texas	TCEQ Water Supply	T104704215	12-28-25
USDA	US Federal Programs	525-23-79-79507	03-20-26

Login Sample Receipt Checklist

Client: EA Engineering

Job Number: 885-27214-1

Login Number: 27214

List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	N/A	

Login Sample Receipt Checklist

Client: EA Engineering

Job Number: 885-27214-1

Login Number: 27214

List Number: 2

Creator: Silva, Daniel

List Source: Eurofins Houston

List Creation: 06/21/25 11:17 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

ANALYTICAL REPORT

PREPARED FOR

Attn: Regina Mullen
EA Engineering
320 Gold Ave SW
Suite 1210
Albuquerque, New Mexico 87102

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JOB DESCRIPTION

Dona Ana Dairies (DAD'S)

JOB NUMBER

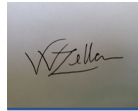
885-27383-1

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



Authorized for release by
Victoria Zellar, Project Manager
Victoria.Zellar@et.eurofinsus.com
(505)345-3975

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Definitions/Glossary

Client: EA Engineering
Project/Site: Dona Ana Dairies (DAD'S)

Job ID: 885-27383-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
E	Result exceeded calibration range.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
SQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EA Engineering
Project: Dona Ana Dairies (DAD'S)

Job ID: 885-27383-1

Job ID: 885-27383-1

Eurofins Albuquerque

Job Narrative 885-27383-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 6/24/2025 9:15 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.5°C.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

Method 2540C_SingleDry: The analysis volume selected for the following samples produced a base result greater than 200mg before calculation of the final result: DAD-12 (885-27383-1), DAD-21 (885-27383-2) and DAD-20 (885-27383-3). Reanalysis could not be performed due to insufficient volume remaining, holding time exceedance. The reference method specifies that no more than 200mg of weight be recovered for a chosen sample analysis volume in order to produce the best data precision. As such, these data have been qualified.

Method 351.2: The following samples were diluted due to the nature of the sample matrix, high NO3: DAD-12 (885-27383-1), DAD-21 (885-27383-2) and DAD-20 (885-27383-3). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Albuquerque

Client Sample Results

Client: EA Engineering
Project/Site: Dona Ana Dairies (DAD'S)

Job ID: 885-27383-1

Client Sample ID: DAD-12

Lab Sample ID: 885-27383-1

Date Collected: 06/23/25 11:00

Matrix: Water

Date Received: 06/24/25 09:15

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	820		50	mg/L			06/25/25 09:32	100
Nitrate	12		1.0	mg/L			06/25/25 09:22	10
Nitrite	ND		1.0	mg/L			06/25/25 09:22	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3000	E	50	mg/L			06/29/25 11:07	1
Nitrogen, Total Kjeldahl (EPA 351.2)	ND		1.3	mg/L		06/26/25 15:50	06/27/25 14:21	1

Client Sample Results

Client: EA Engineering
Project/Site: Dona Ana Dairies (DAD'S)

Job ID: 885-27383-1

Client Sample ID: DAD-21

Lab Sample ID: 885-27383-2

Date Collected: 06/23/25 13:00

Matrix: Water

Date Received: 06/24/25 09:15

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	770		5.0	mg/L			06/25/25 09:42	10
Nitrate	36		1.0	mg/L			06/25/25 09:42	10
Nitrite	ND		1.0	mg/L			06/25/25 09:42	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2700	E	50	mg/L			06/29/25 11:07	1
Nitrogen, Total Kjeldahl (EPA 351.2)	ND		2.5	mg/L		06/26/25 15:50	06/27/25 14:22	1

Client Sample Results

Client: EA Engineering
Project/Site: Dona Ana Dairies (DAD'S)

Job ID: 885-27383-1

Client Sample ID: DAD-20

Lab Sample ID: 885-27383-3

Date Collected: 06/23/25 15:38

Matrix: Water

Date Received: 06/24/25 09:15

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	790		50	mg/L			06/25/25 10:11	100
Nitrate	50		1.0	mg/L			06/25/25 10:01	10
Nitrite	ND		1.0	mg/L			06/25/25 10:01	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2800	E	50	mg/L			06/29/25 11:07	1
Nitrogen, Total Kjeldahl (EPA 351.2)	ND		2.5	mg/L		06/26/25 15:50	06/27/25 14:24	1

QC Sample Results

Client: EA Engineering
Project/Site: Dona Ana Dairies (DAD'S)

Job ID: 885-27383-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-28947/4

Matrix: Water

Analysis Batch: 28947

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	mg/L			06/25/25 07:44	1

Lab Sample ID: MB 885-28947/58

Matrix: Water

Analysis Batch: 28947

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	mg/L			06/25/25 16:35	1

Lab Sample ID: LCS 885-28947/5

Matrix: Water

Analysis Batch: 28947

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.00	4.95		mg/L		99	90 - 110

Lab Sample ID: LCS 885-28947/59

Matrix: Water

Analysis Batch: 28947

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.00	4.98		mg/L		100	90 - 110

Lab Sample ID: MRL 885-28947/3

Matrix: Water

Analysis Batch: 28947

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.514		mg/L		103	50 - 150

Lab Sample ID: MB 885-28948/4

Matrix: Water

Analysis Batch: 28948

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate	ND		0.10	mg/L			06/25/25 07:44	1
Nitrite	ND		0.10	mg/L			06/25/25 07:44	1

Lab Sample ID: MB 885-28948/58

Matrix: Water

Analysis Batch: 28948

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate	ND		0.10	mg/L			06/25/25 16:35	1
Nitrite	ND		0.10	mg/L			06/25/25 16:35	1

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QC Sample Results

Client: EA Engineering
Project/Site: Dona Ana Dairies (DAD'S)

Job ID: 885-27383-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-28948/5

Matrix: Water

Analysis Batch: 28948

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	2.50	2.59		mg/L		104	90 - 110
Nitrite	1.00	0.949		mg/L		95	90 - 110

Lab Sample ID: LCS 885-28948/59

Matrix: Water

Analysis Batch: 28948

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	2.50	2.61		mg/L		104	90 - 110
Nitrite	1.00	0.950		mg/L		95	90 - 110

Lab Sample ID: MRL 885-28948/3

Matrix: Water

Analysis Batch: 28948

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	0.100	0.0916	J	mg/L		91	50 - 150
Nitrite	0.100	0.0875	J	mg/L		88	50 - 150

Method: 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 885-29228/1

Matrix: Water

Analysis Batch: 29228

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		50	mg/L			06/29/25 11:07	1

Lab Sample ID: LCS 885-29228/2

Matrix: Water

Analysis Batch: 29228

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	1020		mg/L		102	80 - 120

Method: 351.2 - Nitrogen, Total Kjeldahl

Lab Sample ID: MB 885-29099/3-A

Matrix: Water

Analysis Batch: 29197

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 29099

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Total Kjeldahl	ND		0.50	mg/L		06/26/25 15:50	06/27/25 13:45	1

Lab Sample ID: LCS 885-29099/5-A

Matrix: Water

Analysis Batch: 29197

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 29099

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	10.0	9.94		mg/L		99	90 - 110

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QC Sample Results

Client: EA Engineering
Project/Site: Dona Ana Dairies (DAD'S)

Job ID: 885-27383-1

Method: 351.2 - Nitrogen, Total Kjeldahl (Continued)

Lab Sample ID: MRL 885-29099/4-A				Client Sample ID: Lab Control Sample			
Matrix: Water				Prep Type: Total/NA			
Analysis Batch: 29197				Prep Batch: 29099			
Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	0.500	ND		mg/L		89	50 - 150

QC Association Summary

Client: EA Engineering
Project/Site: Dona Ana Dairies (DAD'S)

Job ID: 885-27383-1

HPLC/IC

Analysis Batch: 28947

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27383-1	DAD-12	Total/NA	Water	300.0	
885-27383-2	DAD-21	Total/NA	Water	300.0	
885-27383-3	DAD-20	Total/NA	Water	300.0	
MB 885-28947/4	Method Blank	Total/NA	Water	300.0	
MB 885-28947/58	Method Blank	Total/NA	Water	300.0	
LCS 885-28947/5	Lab Control Sample	Total/NA	Water	300.0	
LCS 885-28947/59	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-28947/3	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 28948

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27383-1	DAD-12	Total/NA	Water	300.0	
885-27383-2	DAD-21	Total/NA	Water	300.0	
885-27383-3	DAD-20	Total/NA	Water	300.0	
MB 885-28948/4	Method Blank	Total/NA	Water	300.0	
MB 885-28948/58	Method Blank	Total/NA	Water	300.0	
LCS 885-28948/5	Lab Control Sample	Total/NA	Water	300.0	
LCS 885-28948/59	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-28948/3	Lab Control Sample	Total/NA	Water	300.0	

General Chemistry

Prep Batch: 29099

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27383-1	DAD-12	Total/NA	Water	351.2	
885-27383-2	DAD-21	Total/NA	Water	351.2	
885-27383-3	DAD-20	Total/NA	Water	351.2	
MB 885-29099/3-A	Method Blank	Total/NA	Water	351.2	
LCS 885-29099/5-A	Lab Control Sample	Total/NA	Water	351.2	
MRL 885-29099/4-A	Lab Control Sample	Total/NA	Water	351.2	

Analysis Batch: 29197

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27383-1	DAD-12	Total/NA	Water	351.2	29099
885-27383-2	DAD-21	Total/NA	Water	351.2	29099
885-27383-3	DAD-20	Total/NA	Water	351.2	29099
MB 885-29099/3-A	Method Blank	Total/NA	Water	351.2	29099
LCS 885-29099/5-A	Lab Control Sample	Total/NA	Water	351.2	29099
MRL 885-29099/4-A	Lab Control Sample	Total/NA	Water	351.2	29099

Analysis Batch: 29228

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27383-1	DAD-12	Total/NA	Water	2540C	
885-27383-2	DAD-21	Total/NA	Water	2540C	
885-27383-3	DAD-20	Total/NA	Water	2540C	
MB 885-29228/1	Method Blank	Total/NA	Water	2540C	
LCS 885-29228/2	Lab Control Sample	Total/NA	Water	2540C	

Eurofins Albuquerque

Lab Chronicle

Client: EA Engineering
Project/Site: Dona Ana Dairies (DAD'S)

Job ID: 885-27383-1

Client Sample ID: DAD-12

Lab Sample ID: 885-27383-1

Date Collected: 06/23/25 11:00

Matrix: Water

Date Received: 06/24/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	28948	KB	EET ALB	06/25/25 09:22
Total/NA	Analysis	300.0		100	28947	KB	EET ALB	06/25/25 09:32
Total/NA	Analysis	2540C		1	29228	JT	EET ALB	06/29/25 11:07
Total/NA	Prep	351.2			29099	EH	EET ALB	06/26/25 15:50
Total/NA	Analysis	351.2		1	29197	EH	EET ALB	06/27/25 14:21

Client Sample ID: DAD-21

Lab Sample ID: 885-27383-2

Date Collected: 06/23/25 13:00

Matrix: Water

Date Received: 06/24/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	28947	KB	EET ALB	06/25/25 09:42
Total/NA	Analysis	300.0		10	28948	KB	EET ALB	06/25/25 09:42
Total/NA	Analysis	2540C		1	29228	JT	EET ALB	06/29/25 11:07
Total/NA	Prep	351.2			29099	EH	EET ALB	06/26/25 15:50
Total/NA	Analysis	351.2		1	29197	EH	EET ALB	06/27/25 14:22

Client Sample ID: DAD-20

Lab Sample ID: 885-27383-3

Date Collected: 06/23/25 15:38

Matrix: Water

Date Received: 06/24/25 09:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	28948	KB	EET ALB	06/25/25 10:01
Total/NA	Analysis	300.0		100	28947	KB	EET ALB	06/25/25 10:11
Total/NA	Analysis	2540C		1	29228	JT	EET ALB	06/29/25 11:07
Total/NA	Prep	351.2			29099	EH	EET ALB	06/26/25 15:50
Total/NA	Analysis	351.2		1	29197	EH	EET ALB	06/27/25 14:24

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: EA Engineering
Project/Site: Dona Ana Dairies (DAD'S)

Job ID: 885-27383-1

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-27-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
2540C		Water	Total Dissolved Solids
300.0		Water	Chloride
300.0		Water	Nitrate
300.0		Water	Nitrite
351.2	351.2	Water	Nitrogen, Total Kjeldahl

Oregon	NELAP	NM100001	02-26-26
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The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
351.2	351.2	Water	Nitrogen, Total Kjeldahl

Login Sample Receipt Checklist

Client: EA Engineering

Job Number: 885-27383-1

Login Number: 27383

List Source: Eurofins Albuquerque

List Number: 1

Creator: Alderette, Joseph

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	N/A	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	N/A	

ANALYTICAL REPORT

PREPARED FOR

Attn: Regina Mullen
EA Engineering
320 Gold Ave SW
Suite 1210
Albuquerque, New Mexico 87102

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JOB DESCRIPTION

Dona Ana Dairies

JOB NUMBER

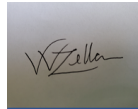
885-27479-1

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



Authorized for release by
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Definitions/Glossary

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-27479-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EA Engineering
Project: Dona Ana Dairies

Job ID: 885-27479-1

Job ID: 885-27479-1

Eurofins Albuquerque

Job Narrative 885-27479-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 6/25/2025 10:20 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.6°C.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

Method 351.2: The following sample contained elevated nitrate levels which inhibited the recovery of Total Kjeldahl Nitrogen (TKN): DAD-09 (885-27479-1).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Albuquerque

Client Sample Results

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-27479-1

Client Sample ID: DAD-09

Lab Sample ID: 885-27479-1

Date Collected: 06/24/25 10:52

Matrix: Water

Date Received: 06/25/25 10:20

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	410		5.0	mg/L			06/25/25 17:34	10
Nitrate	53		1.0	mg/L			06/25/25 17:34	10
Nitrite	ND		1.0	mg/L			06/25/25 17:34	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1800		100	mg/L			07/01/25 11:19	1
Nitrogen, Total Kjeldahl (EPA 351.2)	ND		0.50	mg/L		06/26/25 09:18	06/26/25 15:24	1

Client Sample Results

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-27479-1

Client Sample ID: DAD-27

Lab Sample ID: 885-27479-2

Date Collected: 06/24/25 12:50

Matrix: Water

Date Received: 06/25/25 10:20

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	460		5.0	mg/L			06/25/25 17:54	10
Nitrate	4.7		1.0	mg/L			06/25/25 17:54	10
Nitrite	ND		1.0	mg/L			06/25/25 17:54	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1700		100	mg/L			07/01/25 11:19	1
Nitrogen, Total Kjeldahl (EPA 351.2)	ND		0.50	mg/L		06/26/25 09:18	06/26/25 15:26	1

Client Sample Results

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-27479-1

Client Sample ID: DAD-26

Lab Sample ID: 885-27479-3

Date Collected: 06/24/25 15:35

Matrix: Water

Date Received: 06/25/25 10:20

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	450		5.0	mg/L			06/25/25 18:33	10
Nitrate	2.2		1.0	mg/L			06/25/25 18:33	10
Nitrite	ND		1.0	mg/L			06/25/25 18:33	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1400		100	mg/L			07/01/25 11:19	1
Nitrogen, Total Kjeldahl (EPA 351.2)	ND		0.50	mg/L		06/26/25 09:18	06/26/25 15:27	1

QC Sample Results

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-27479-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-28947/58

Matrix: Water

Analysis Batch: 28947

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	mg/L			06/25/25 16:35	1

Lab Sample ID: LCS 885-28947/59

Matrix: Water

Analysis Batch: 28947

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.00	4.98		mg/L		100	90 - 110

Lab Sample ID: MRL 885-28947/3

Matrix: Water

Analysis Batch: 28947

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.514		mg/L		103	50 - 150

Lab Sample ID: MB 885-28948/58

Matrix: Water

Analysis Batch: 28948

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate	ND		0.10	mg/L			06/25/25 16:35	1
Nitrite	ND		0.10	mg/L			06/25/25 16:35	1

Lab Sample ID: LCS 885-28948/59

Matrix: Water

Analysis Batch: 28948

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	2.50	2.61		mg/L		104	90 - 110
Nitrite	1.00	0.950		mg/L		95	90 - 110

Lab Sample ID: MRL 885-28948/3

Matrix: Water

Analysis Batch: 28948

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	0.100	0.0916	J	mg/L		91	50 - 150
Nitrite	0.100	0.0875	J	mg/L		88	50 - 150

Lab Sample ID: 885-27479-2 MS

Matrix: Water

Analysis Batch: 28948

Client Sample ID: DAD-27

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	4.7		25.0	30.2		mg/L		102	80 - 120
Nitrite	ND		10.0	8.94		mg/L		89	80 - 120

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QC Sample Results

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-27479-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 885-27479-2 MSD

Matrix: Water

Analysis Batch: 28948

Client Sample ID: DAD-27

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate	4.7		25.0	30.4		mg/L		103	80 - 120	1	20
Nitrite	ND		10.0	9.00		mg/L		90	80 - 120	1	20

Method: 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 885-29353/1

Matrix: Water

Analysis Batch: 29353

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		50	mg/L			07/01/25 11:19	1

Lab Sample ID: LCS 885-29353/2

Matrix: Water

Analysis Batch: 29353

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	987		mg/L		99	80 - 120

Lab Sample ID: 885-27479-1 DU

Matrix: Water

Analysis Batch: 29353

Client Sample ID: DAD-09

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	1800		1830		mg/L		0.3	10

Method: 351.2 - Nitrogen, Total Kjeldahl

Lab Sample ID: MB 885-29061/3-A

Matrix: Water

Analysis Batch: 29108

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 29061

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Total Kjeldahl	ND		0.50	mg/L		06/26/25 09:18	06/26/25 14:48	1

Lab Sample ID: LCS 885-29061/5-A

Matrix: Water

Analysis Batch: 29108

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 29061

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	10.0	10.2		mg/L		102	90 - 110

Lab Sample ID: MRL 885-29061/4-A

Matrix: Water

Analysis Batch: 29108

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 29061

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	0.500	ND		mg/L		98	50 - 150

Eurofins Albuquerque

QC Association Summary

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-27479-1

HPLC/IC

Analysis Batch: 28947

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27479-1	DAD-09	Total/NA	Water	300.0	
885-27479-2	DAD-27	Total/NA	Water	300.0	
885-27479-3	DAD-26	Total/NA	Water	300.0	
MB 885-28947/58	Method Blank	Total/NA	Water	300.0	
LCS 885-28947/59	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-28947/3	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 28948

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27479-1	DAD-09	Total/NA	Water	300.0	
885-27479-2	DAD-27	Total/NA	Water	300.0	
885-27479-3	DAD-26	Total/NA	Water	300.0	
MB 885-28948/58	Method Blank	Total/NA	Water	300.0	
LCS 885-28948/59	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-28948/3	Lab Control Sample	Total/NA	Water	300.0	
885-27479-2 MS	DAD-27	Total/NA	Water	300.0	
885-27479-2 MSD	DAD-27	Total/NA	Water	300.0	

General Chemistry

Prep Batch: 29061

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27479-1	DAD-09	Total/NA	Water	351.2	
885-27479-2	DAD-27	Total/NA	Water	351.2	
885-27479-3	DAD-26	Total/NA	Water	351.2	
MB 885-29061/3-A	Method Blank	Total/NA	Water	351.2	
LCS 885-29061/5-A	Lab Control Sample	Total/NA	Water	351.2	
MRL 885-29061/4-A	Lab Control Sample	Total/NA	Water	351.2	

Analysis Batch: 29108

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27479-1	DAD-09	Total/NA	Water	351.2	29061
885-27479-2	DAD-27	Total/NA	Water	351.2	29061
885-27479-3	DAD-26	Total/NA	Water	351.2	29061
MB 885-29061/3-A	Method Blank	Total/NA	Water	351.2	29061
LCS 885-29061/5-A	Lab Control Sample	Total/NA	Water	351.2	29061
MRL 885-29061/4-A	Lab Control Sample	Total/NA	Water	351.2	29061

Analysis Batch: 29353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27479-1	DAD-09	Total/NA	Water	2540C	
885-27479-2	DAD-27	Total/NA	Water	2540C	
885-27479-3	DAD-26	Total/NA	Water	2540C	
MB 885-29353/1	Method Blank	Total/NA	Water	2540C	
LCS 885-29353/2	Lab Control Sample	Total/NA	Water	2540C	
885-27479-1 DU	DAD-09	Total/NA	Water	2540C	

Eurofins Albuquerque

Lab Chronicle

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-27479-1

Client Sample ID: DAD-09

Lab Sample ID: 885-27479-1

Date Collected: 06/24/25 10:52

Matrix: Water

Date Received: 06/25/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	28947	KB	EET ALB	06/25/25 17:34
Total/NA	Analysis	300.0		10	28948	KB	EET ALB	06/25/25 17:34
Total/NA	Analysis	2540C		1	29353	HR	EET ALB	07/01/25 11:19
Total/NA	Prep	351.2			29061	EH	EET ALB	06/26/25 09:18
Total/NA	Analysis	351.2		1	29108	EH	EET ALB	06/26/25 15:24

Client Sample ID: DAD-27

Lab Sample ID: 885-27479-2

Date Collected: 06/24/25 12:50

Matrix: Water

Date Received: 06/25/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	28947	KB	EET ALB	06/25/25 17:54
Total/NA	Analysis	300.0		10	28948	KB	EET ALB	06/25/25 17:54
Total/NA	Analysis	2540C		1	29353	HR	EET ALB	07/01/25 11:19
Total/NA	Prep	351.2			29061	EH	EET ALB	06/26/25 09:18
Total/NA	Analysis	351.2		1	29108	EH	EET ALB	06/26/25 15:26

Client Sample ID: DAD-26

Lab Sample ID: 885-27479-3

Date Collected: 06/24/25 15:35

Matrix: Water

Date Received: 06/25/25 10:20

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	28947	KB	EET ALB	06/25/25 18:33
Total/NA	Analysis	300.0		10	28948	KB	EET ALB	06/25/25 18:33
Total/NA	Analysis	2540C		1	29353	HR	EET ALB	07/01/25 11:19
Total/NA	Prep	351.2			29061	EH	EET ALB	06/26/25 09:18
Total/NA	Analysis	351.2		1	29108	EH	EET ALB	06/26/25 15:27

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-27479-1

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-27-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
2540C		Water	Total Dissolved Solids
300.0		Water	Chloride
300.0		Water	Nitrate
300.0		Water	Nitrite
351.2	351.2	Water	Nitrogen, Total Kjeldahl

Oregon	NELAP	NM100001	02-26-26
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The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
351.2	351.2	Water	Nitrogen, Total Kjeldahl

Login Sample Receipt Checklist

Client: EA Engineering

Job Number: 885-27479-1

Login Number: 27479

List Source: Eurofins Albuquerque

List Number: 1

Creator: McQuiston, Steven

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	N/A	

ANALYTICAL REPORT

PREPARED FOR

Attn: Regina Mullen
EA Engineering
320 Gold Ave SW
Suite 1210
Albuquerque, New Mexico 87102

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JOB DESCRIPTION

Dona Ana Dairies

JOB NUMBER

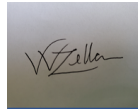
885-27585-1

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



Authorized for release by
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Definitions/Glossary

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-27585-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
E	Result exceeded calibration range.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EA Engineering
Project: Dona Ana Dairies

Job ID: 885-27585-1

Job ID: 885-27585-1

Eurofins Albuquerque

Job Narrative 885-27585-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 6/26/2025 9:45 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.5°C.

HPLC/IC

Method 300_OF_48H_PREC: The following samples were diluted due to the nature of the sample matrix: DAD-10 (885-27585-1), DAD-22 (885-27585-2) and (885-27569-A-2). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

Method 2540C_SingleDry: The analysis volume selected for the following sample produced a base result greater than 200mg before calculation of the final result: DAD-22 (885-27585-2). Reanalysis could not be performed due to, holding time exceedance. Visual inspection by analyst shows no signs of trapped moisture, report as is. The reference method specifies that no more than 200mg of weight be recovered for a chosen sample analysis volume in order to produce the best data precision. As such, these data have been qualified.

Method 351.2: The following samples contained elevated nitrate levels which inhibited the recovery of Total Kjeldahl Nitrogen (TKN): DAD-22 (885-27585-2) and (885-27560-B-1-A).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Albuquerque

Client Sample Results

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-27585-1

Client Sample ID: DAD-10

Lab Sample ID: 885-27585-1

Date Collected: 06/25/25 10:27

Matrix: Water

Date Received: 06/26/25 09:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	440		5.0	mg/L			06/26/25 20:43	10
Nitrate	ND		1.0	mg/L			06/26/25 20:43	10
Nitrite	ND		1.0	mg/L			06/26/25 20:43	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1300		100	mg/L			07/01/25 15:41	1
Nitrogen, Total Kjeldahl (EPA 351.2)	ND		0.50	mg/L		06/26/25 15:50	06/27/25 14:25	1

Client Sample Results

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-27585-1

Client Sample ID: DAD-22

Lab Sample ID: 885-27585-2

Date Collected: 06/25/25 12:00

Matrix: Water

Date Received: 06/26/25 09:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	850		50	mg/L			06/26/25 21:14	100
Nitrate	17		1.0	mg/L			06/26/25 21:03	10
Nitrite	ND		1.0	mg/L			06/26/25 21:03	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2400	E	50	mg/L			07/01/25 15:41	1
Nitrogen, Total Kjeldahl (EPA 351.2)	ND		0.50	mg/L		06/26/25 15:50	06/27/25 14:27	1

QC Sample Results

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-27585-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-29039/115

Matrix: Water

Analysis Batch: 29039

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	mg/L			06/27/25 02:45	1

Lab Sample ID: MB 885-29039/4

Matrix: Water

Analysis Batch: 29039

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	mg/L			06/26/25 07:36	1

Lab Sample ID: LCS 885-29039/59

Matrix: Water

Analysis Batch: 29039

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.00	5.06		mg/L		101	90 - 110

Lab Sample ID: MRL 885-29039/3

Matrix: Water

Analysis Batch: 29039

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.521		mg/L		104	50 - 150

Lab Sample ID: MB 885-29042/115

Matrix: Water

Analysis Batch: 29042

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate	ND		0.10	mg/L			06/27/25 02:45	1
Nitrite	ND		0.10	mg/L			06/27/25 02:45	1

Lab Sample ID: MB 885-29042/4

Matrix: Water

Analysis Batch: 29042

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate	ND		0.10	mg/L			06/26/25 07:36	1
Nitrite	ND		0.10	mg/L			06/26/25 07:36	1

Lab Sample ID: LCS 885-29042/59

Matrix: Water

Analysis Batch: 29042

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	2.50	2.64		mg/L		106	90 - 110
Nitrite	1.00	0.953		mg/L		95	90 - 110

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QC Sample Results

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-27585-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MRL 885-29042/3

Matrix: Water

Analysis Batch: 29042

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	0.100	0.0937	J	mg/L		94	50 - 150
Nitrite	0.100	0.0852	J	mg/L		85	50 - 150

Method: 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 885-29385/1

Matrix: Water

Analysis Batch: 29385

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		50	mg/L			07/01/25 15:41	1

Lab Sample ID: LCS 885-29385/2

Matrix: Water

Analysis Batch: 29385

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	974		mg/L		97	80 - 120

Method: 351.2 - Nitrogen, Total Kjeldahl

Lab Sample ID: MB 885-29099/3-A

Matrix: Water

Analysis Batch: 29197

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 29099

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Total Kjeldahl	ND		0.50	mg/L		06/26/25 15:50	06/27/25 13:45	1

Lab Sample ID: LCS 885-29099/5-A

Matrix: Water

Analysis Batch: 29197

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 29099

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	10.0	9.94		mg/L		99	90 - 110

Lab Sample ID: MRL 885-29099/4-A

Matrix: Water

Analysis Batch: 29197

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 29099

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	0.500	ND		mg/L		89	50 - 150

QC Association Summary

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-27585-1

HPLC/IC

Analysis Batch: 29039

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27585-1	DAD-10	Total/NA	Water	300.0	
885-27585-2	DAD-22	Total/NA	Water	300.0	
MB 885-29039/115	Method Blank	Total/NA	Water	300.0	
MB 885-29039/4	Method Blank	Total/NA	Water	300.0	
LCS 885-29039/59	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-29039/3	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 29042

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27585-1	DAD-10	Total/NA	Water	300.0	
885-27585-2	DAD-22	Total/NA	Water	300.0	
MB 885-29042/115	Method Blank	Total/NA	Water	300.0	
MB 885-29042/4	Method Blank	Total/NA	Water	300.0	
LCS 885-29042/59	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-29042/3	Lab Control Sample	Total/NA	Water	300.0	

General Chemistry

Prep Batch: 29099

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27585-1	DAD-10	Total/NA	Water	351.2	
885-27585-2	DAD-22	Total/NA	Water	351.2	
MB 885-29099/3-A	Method Blank	Total/NA	Water	351.2	
LCS 885-29099/5-A	Lab Control Sample	Total/NA	Water	351.2	
MRL 885-29099/4-A	Lab Control Sample	Total/NA	Water	351.2	

Analysis Batch: 29197

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27585-1	DAD-10	Total/NA	Water	351.2	29099
885-27585-2	DAD-22	Total/NA	Water	351.2	29099
MB 885-29099/3-A	Method Blank	Total/NA	Water	351.2	29099
LCS 885-29099/5-A	Lab Control Sample	Total/NA	Water	351.2	29099
MRL 885-29099/4-A	Lab Control Sample	Total/NA	Water	351.2	29099

Analysis Batch: 29385

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27585-1	DAD-10	Total/NA	Water	2540C	
885-27585-2	DAD-22	Total/NA	Water	2540C	
MB 885-29385/1	Method Blank	Total/NA	Water	2540C	
LCS 885-29385/2	Lab Control Sample	Total/NA	Water	2540C	

Lab Chronicle

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-27585-1

Client Sample ID: DAD-10

Lab Sample ID: 885-27585-1

Date Collected: 06/25/25 10:27

Matrix: Water

Date Received: 06/26/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	29039	JT	EET ALB	06/26/25 20:43
Total/NA	Analysis	300.0		10	29042	JT	EET ALB	06/26/25 20:43
Total/NA	Analysis	2540C		1	29385	HR	EET ALB	07/01/25 15:41
Total/NA	Prep	351.2			29099	EH	EET ALB	06/26/25 15:50
Total/NA	Analysis	351.2		1	29197	EH	EET ALB	06/27/25 14:25

Client Sample ID: DAD-22

Lab Sample ID: 885-27585-2

Date Collected: 06/25/25 12:00

Matrix: Water

Date Received: 06/26/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	29042	JT	EET ALB	06/26/25 21:03
Total/NA	Analysis	300.0		100	29039	JT	EET ALB	06/26/25 21:14
Total/NA	Analysis	2540C		1	29385	HR	EET ALB	07/01/25 15:41
Total/NA	Prep	351.2			29099	EH	EET ALB	06/26/25 15:50
Total/NA	Analysis	351.2		1	29197	EH	EET ALB	06/27/25 14:27

Laboratory References:
EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-27585-1

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-27-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
2540C		Water	Total Dissolved Solids
300.0		Water	Chloride
300.0		Water	Nitrate
300.0		Water	Nitrite
351.2	351.2	Water	Nitrogen, Total Kjeldahl

Oregon	NELAP	NM100001	02-26-26
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The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
351.2	351.2	Water	Nitrogen, Total Kjeldahl

Login Sample Receipt Checklist

Client: EA Engineering

Job Number: 885-27585-1

Login Number: 27585

List Source: Eurofins Albuquerque

List Number: 1

Creator: McQuiston, Steven

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	N/A	

ANALYTICAL REPORT

PREPARED FOR

Attn: Regina Mullen
EA Engineering
320 Gold Ave SW
Suite 1210
Albuquerque, New Mexico 87102

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JOB DESCRIPTION

Dona Ana Dairies

JOB NUMBER

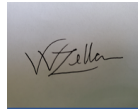
885-27867-1

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



Authorized for release by
Victoria Zellar, Project Manager
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Definitions/Glossary

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-27867-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
E	Result exceeded calibration range.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EA Engineering
Project: Dona Ana Dairies

Job ID: 885-27867-1

Job ID: 885-27867-1

Eurofins Albuquerque

Job Narrative 885-27867-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 7/1/2025 10:27 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.8°C.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

Method 2540C_SingleDry: The analysis volume selected for the following sample produced a base result greater than 200mg before calculation of the final result: DAD-07 (885-27867-3). Reanalysis could not be performed due to holding time exceedance. Visual inspection by analyst shows no signs of trapped moisture, report as is. The reference method specifies that no more than 200mg of weight be recovered for a chosen sample analysis volume in order to produce the best data precision. As such, these data have been qualified.

Method 351.2: The following samples contained elevated nitrate levels which inhibited the recovery of Total Kjeldahl Nitrogen (TKN): DAD-08 (885-27867-1), DAD-25 (885-27867-2) and DAD-07 (885-27867-3).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Albuquerque

Client Sample Results

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-27867-1

Client Sample ID: DAD-08

Lab Sample ID: 885-27867-1

Date Collected: 06/30/25 10:58

Matrix: Water

Date Received: 07/01/25 10:27

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1400		50	mg/L			07/01/25 14:26	100
Nitrate	43		1.0	mg/L			07/01/25 14:16	10
Nitrite	ND		1.0	mg/L			07/01/25 14:16	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	4200		250	mg/L			07/03/25 16:29	1
Nitrogen, Total Kjeldahl (EPA 351.2)	ND		0.50	mg/L		07/02/25 09:08	07/02/25 14:16	1

Client Sample Results

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-27867-1

Client Sample ID: DAD-25

Lab Sample ID: 885-27867-2

Date Collected: 06/30/25 13:30

Matrix: Water

Date Received: 07/01/25 10:27

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1500		50	mg/L			07/01/25 14:45	100
Nitrate	11		1.0	mg/L			07/01/25 14:36	10
Nitrite	ND		1.0	mg/L			07/01/25 14:36	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	4000		250	mg/L			07/03/25 16:29	1
Nitrogen, Total Kjeldahl (EPA 351.2)	0.60		0.50	mg/L		07/02/25 09:08	07/02/25 14:17	1

Client Sample Results

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-27867-1

Client Sample ID: DAD-07

Lab Sample ID: 885-27867-3

Date Collected: 06/30/25 15:00

Matrix: Water

Date Received: 07/01/25 10:27

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	980		50	mg/L			07/01/25 15:25	100
Nitrate	50		1.0	mg/L			07/01/25 15:15	10
Nitrite	ND		1.0	mg/L			07/01/25 15:15	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	4300	E	100	mg/L			07/03/25 16:29	1
Nitrogen, Total Kjeldahl (EPA 351.2)	ND		0.50	mg/L		07/02/25 09:08	07/02/25 14:22	1

QC Sample Results

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-27867-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-29331/4

Matrix: Water

Analysis Batch: 29331

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	mg/L			07/01/25 09:40	1

Lab Sample ID: LCS 885-29331/5

Matrix: Water

Analysis Batch: 29331

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.00	5.00		mg/L		100	90 - 110

Lab Sample ID: MRL 885-29331/3

Matrix: Water

Analysis Batch: 29331

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.517		mg/L		103	50 - 150

Lab Sample ID: MB 885-29332/4

Matrix: Water

Analysis Batch: 29332

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate	ND		0.10	mg/L			07/01/25 09:40	1
Nitrite	ND		0.10	mg/L			07/01/25 09:40	1

Lab Sample ID: MB 885-29332/58

Matrix: Water

Analysis Batch: 29332

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate	ND		0.10	mg/L			07/01/25 18:32	1
Nitrite	ND		0.10	mg/L			07/01/25 18:32	1

Lab Sample ID: LCS 885-29332/5

Matrix: Water

Analysis Batch: 29332

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	2.50	2.62		mg/L		105	90 - 110
Nitrite	1.00	0.948		mg/L		95	90 - 110

Lab Sample ID: LCS 885-29332/59

Matrix: Water

Analysis Batch: 29332

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	2.50	2.65		mg/L		106	90 - 110
Nitrite	1.00	0.956		mg/L		96	90 - 110

Eurofins Albuquerque

QC Sample Results

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-27867-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MRL 885-29332/3

Matrix: Water

Analysis Batch: 29332

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	0.100	0.0988	J	mg/L		99	50 - 150
Nitrite	0.100	0.104		mg/L		104	50 - 150

Method: 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 885-29552/1

Matrix: Water

Analysis Batch: 29552

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		50	mg/L			07/03/25 16:29	1

Lab Sample ID: LCS 885-29552/2

Matrix: Water

Analysis Batch: 29552

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	1020		mg/L		102	80 - 120

Method: 351.2 - Nitrogen, Total Kjeldahl

Lab Sample ID: MB 885-29413/3-A

Matrix: Water

Analysis Batch: 29480

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 29413

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Total Kjeldahl	ND		0.50	mg/L		07/02/25 09:08	07/02/25 13:46	1

Lab Sample ID: LCS 885-29413/5-A

Matrix: Water

Analysis Batch: 29480

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 29413

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	9.92	10.7		mg/L		108	90 - 110

Lab Sample ID: MRL 885-29413/4-A

Matrix: Water

Analysis Batch: 29480

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 29413

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	0.496	0.552		mg/L		111	50 - 150

QC Association Summary

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-27867-1

HPLC/IC

Analysis Batch: 29331

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27867-1	DAD-08	Total/NA	Water	300.0	
885-27867-2	DAD-25	Total/NA	Water	300.0	
885-27867-3	DAD-07	Total/NA	Water	300.0	
MB 885-29331/4	Method Blank	Total/NA	Water	300.0	
LCS 885-29331/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-29331/3	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 29332

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27867-1	DAD-08	Total/NA	Water	300.0	
885-27867-2	DAD-25	Total/NA	Water	300.0	
885-27867-3	DAD-07	Total/NA	Water	300.0	
MB 885-29332/4	Method Blank	Total/NA	Water	300.0	
MB 885-29332/58	Method Blank	Total/NA	Water	300.0	
LCS 885-29332/5	Lab Control Sample	Total/NA	Water	300.0	
LCS 885-29332/59	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-29332/3	Lab Control Sample	Total/NA	Water	300.0	

General Chemistry

Prep Batch: 29413

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27867-1	DAD-08	Total/NA	Water	351.2	
885-27867-2	DAD-25	Total/NA	Water	351.2	
885-27867-3	DAD-07	Total/NA	Water	351.2	
MB 885-29413/3-A	Method Blank	Total/NA	Water	351.2	
LCS 885-29413/5-A	Lab Control Sample	Total/NA	Water	351.2	
MRL 885-29413/4-A	Lab Control Sample	Total/NA	Water	351.2	

Analysis Batch: 29480

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27867-1	DAD-08	Total/NA	Water	351.2	29413
885-27867-2	DAD-25	Total/NA	Water	351.2	29413
885-27867-3	DAD-07	Total/NA	Water	351.2	29413
MB 885-29413/3-A	Method Blank	Total/NA	Water	351.2	29413
LCS 885-29413/5-A	Lab Control Sample	Total/NA	Water	351.2	29413
MRL 885-29413/4-A	Lab Control Sample	Total/NA	Water	351.2	29413

Analysis Batch: 29552

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27867-1	DAD-08	Total/NA	Water	2540C	
885-27867-2	DAD-25	Total/NA	Water	2540C	
885-27867-3	DAD-07	Total/NA	Water	2540C	
MB 885-29552/1	Method Blank	Total/NA	Water	2540C	
LCS 885-29552/2	Lab Control Sample	Total/NA	Water	2540C	

Eurofins Albuquerque

Lab Chronicle

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-27867-1

Client Sample ID: DAD-08

Lab Sample ID: 885-27867-1

Date Collected: 06/30/25 10:58

Matrix: Water

Date Received: 07/01/25 10:27

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	29332	KB	EET ALB	07/01/25 14:16
Total/NA	Analysis	300.0		100	29331	KB	EET ALB	07/01/25 14:26
Total/NA	Analysis	2540C		1	29552	KS	EET ALB	07/03/25 16:29
Total/NA	Prep	351.2			29413	EH	EET ALB	07/02/25 09:08
Total/NA	Analysis	351.2		1	29480	EH	EET ALB	07/02/25 14:16

Client Sample ID: DAD-25

Lab Sample ID: 885-27867-2

Date Collected: 06/30/25 13:30

Matrix: Water

Date Received: 07/01/25 10:27

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	29332	KB	EET ALB	07/01/25 14:36
Total/NA	Analysis	300.0		100	29331	KB	EET ALB	07/01/25 14:45
Total/NA	Analysis	2540C		1	29552	KS	EET ALB	07/03/25 16:29
Total/NA	Prep	351.2			29413	EH	EET ALB	07/02/25 09:08
Total/NA	Analysis	351.2		1	29480	EH	EET ALB	07/02/25 14:17

Client Sample ID: DAD-07

Lab Sample ID: 885-27867-3

Date Collected: 06/30/25 15:00

Matrix: Water

Date Received: 07/01/25 10:27

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	29332	KB	EET ALB	07/01/25 15:15
Total/NA	Analysis	300.0		100	29331	KB	EET ALB	07/01/25 15:25
Total/NA	Analysis	2540C		1	29552	KS	EET ALB	07/03/25 16:29
Total/NA	Prep	351.2			29413	EH	EET ALB	07/02/25 09:08
Total/NA	Analysis	351.2		1	29480	EH	EET ALB	07/02/25 14:22

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-27867-1

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-27-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
2540C		Water	Total Dissolved Solids
300.0		Water	Chloride
300.0		Water	Nitrate
300.0		Water	Nitrite
351.2	351.2	Water	Nitrogen, Total Kjeldahl

Oregon	NELAP	NM100001	02-26-26
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The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
351.2	351.2	Water	Nitrogen, Total Kjeldahl

HALL ENVIRONMENTAL ANALYSIS LAB



www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 871 885-27867 COC

Tel 505-345-3975 Fax 505-345-4107

[illegible]

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Login Sample Receipt Checklist

Client: EA Engineering

Job Number: 885-27867-1

Login Number: 27867

List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	N/A	

ANALYTICAL REPORT

PREPARED FOR

Attn: Regina Mullen
EA Engineering
320 Gold Ave SW
Suite 1210
Albuquerque, New Mexico 87102

Generated 6/19/2025 10:30:04 AM

JOB DESCRIPTION

Del Oro Dairy

JOB NUMBER

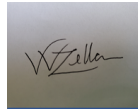
885-26309-1

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

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Definitions/Glossary

Client: EA Engineering
Project/Site: Del Oro Dairy

Job ID: 885-26309-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EA Engineering
Project: Del Oro Dairy

Job ID: 885-26309-1

Job ID: 885-26309-1

Eurofins Albuquerque

Job Narrative 885-26309-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 6/8/2025 11:10 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.4°C.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

Method 351.2: The following sample was diluted due to the nature of the sample matrix: 692-05 (885-26309-3). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Albuquerque

Client Sample Results

Client: EA Engineering
Project/Site: Del Oro Dairy

Job ID: 885-26309-1

Client Sample ID: 692-02

Lab Sample ID: 885-26309-1

Date Collected: 06/06/25 10:35

Matrix: Water

Date Received: 06/08/25 11:10

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	430		50	mg/L			06/10/25 13:48	100
Sulfate	270		5.0	mg/L			06/10/25 13:05	10
Nitrate Nitrite as N	6.1		1.0	mg/L			06/10/25 19:42	5

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1500		50	mg/L			06/13/25 10:06	1
Nitrogen, Total Kjeldahl (EPA 351.2)	ND		0.50	mg/L		06/16/25 16:33	06/18/25 11:26	1

Client Sample Results

Client: EA Engineering
Project/Site: Del Oro Dairy

Job ID: 885-26309-1

Client Sample ID: 692-09

Lab Sample ID: 885-26309-2

Date Collected: 06/06/25 13:30

Matrix: Water

Date Received: 06/08/25 11:10

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	400		50	mg/L			06/10/25 14:16	100
Sulfate	210		5.0	mg/L			06/10/25 14:02	10
Nitrate Nitrite as N	3.4		1.0	mg/L			06/10/25 20:39	5

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1400		50	mg/L			06/13/25 10:06	1
Nitrogen, Total Kjeldahl (EPA 351.2)	ND		0.50	mg/L		06/16/25 16:33	06/18/25 11:28	1

Client Sample Results

Client: EA Engineering
Project/Site: Del Oro Dairy

Job ID: 885-26309-1

Client Sample ID: 692-05

Lab Sample ID: 885-26309-3

Date Collected: 06/06/25 14:41

Matrix: Water

Date Received: 06/08/25 11:10

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	390		50	mg/L			06/10/25 15:13	100
Sulfate	270		5.0	mg/L			06/10/25 14:59	10
Nitrate Nitrite as N	16		1.0	mg/L			06/10/25 20:53	5

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1600		100	mg/L			06/13/25 10:06	1
Nitrogen, Total Kjeldahl (EPA 351.2)	ND		1.3	mg/L		06/16/25 16:33	06/18/25 11:29	1

QC Sample Results

Client: EA Engineering
Project/Site: Del Oro Dairy

Job ID: 885-26309-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-27934/4

Matrix: Water

Analysis Batch: 27934

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	mg/L			06/10/25 09:48	1
Sulfate	ND		0.50	mg/L			06/10/25 09:48	1

Lab Sample ID: LCS 885-27934/5

Matrix: Water

Analysis Batch: 27934

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.00	4.75		mg/L		95	90 - 110
Sulfate	10.0	9.32		mg/L		93	90 - 110

Lab Sample ID: MRL 885-27934/3

Matrix: Water

Analysis Batch: 27934

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.552		mg/L		110	50 - 150
Sulfate	0.500	0.549		mg/L		110	50 - 150

Lab Sample ID: 885-26309-1 MS

Matrix: Water

Analysis Batch: 27934

Client Sample ID: 692-02

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	270		100	360		mg/L		91	80 - 120

Lab Sample ID: 885-26309-1 MSD

Matrix: Water

Analysis Batch: 27934

Client Sample ID: 692-02

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	270		100	357		mg/L		88	80 - 120	1	20

Lab Sample ID: MB 885-27935/4

Matrix: Water

Analysis Batch: 27935

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	ND		0.20	mg/L			06/10/25 09:48	1

Lab Sample ID: LCS 885-27935/5

Matrix: Water

Analysis Batch: 27935

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	2.50	2.52		mg/L		101	90 - 110
Nitrite	1.00	0.928		mg/L		93	90 - 110

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QC Sample Results

Client: EA Engineering
Project/Site: Del Oro Dairy

Job ID: 885-26309-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MRL 885-27935/3

Matrix: Water

Analysis Batch: 27935

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	0.100	0.101		mg/L		101	50 - 150
Nitrite	0.100	0.0941	J	mg/L		94	50 - 150

Lab Sample ID: 885-26309-1 MS

Matrix: Water

Analysis Batch: 27935

Client Sample ID: 692-02

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	6.1		25.0	32.2		mg/L		104	80 - 120
Nitrite	ND		10.0	8.50		mg/L		85	80 - 120

Lab Sample ID: 885-26309-1 MSD

Matrix: Water

Analysis Batch: 27935

Client Sample ID: 692-02

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate	6.1		25.0	31.5		mg/L		102	80 - 120	2	20
Nitrite	ND		10.0	8.34		mg/L		83	80 - 120	2	20

Method: 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 885-28251/1

Matrix: Water

Analysis Batch: 28251

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		50	mg/L			06/13/25 10:06	1

Lab Sample ID: LCS 885-28251/2

Matrix: Water

Analysis Batch: 28251

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	990		mg/L		99	80 - 120

Method: 351.2 - Nitrogen, Total Kjeldahl

Lab Sample ID: MB 885-28411/3-A

Matrix: Water

Analysis Batch: 28556

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 28411

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Total Kjeldahl	ND		0.50	mg/L		06/16/25 16:33	06/18/25 10:46	1

Lab Sample ID: LCS 885-28411/5-A

Matrix: Water

Analysis Batch: 28556

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 28411

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	10.0	10.1		mg/L		101	90 - 110

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QC Sample Results

Client: EA Engineering
Project/Site: Del Oro Dairy

Job ID: 885-26309-1

Method: 351.2 - Nitrogen, Total Kjeldahl (Continued)

Lab Sample ID: MRL 885-28411/4-A				Client Sample ID: Lab Control Sample			
Matrix: Water				Prep Type: Total/NA			
Analysis Batch: 28556				Prep Batch: 28411			
Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	0.500	0.539		mg/L		108	50 - 150

QC Association Summary

Client: EA Engineering
Project/Site: Del Oro Dairy

Job ID: 885-26309-1

HPLC/IC

Analysis Batch: 27934

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26309-1	692-02	Total/NA	Water	300.0	
885-26309-1	692-02	Total/NA	Water	300.0	
885-26309-2	692-09	Total/NA	Water	300.0	
885-26309-2	692-09	Total/NA	Water	300.0	
885-26309-3	692-05	Total/NA	Water	300.0	
885-26309-3	692-05	Total/NA	Water	300.0	
MB 885-27934/4	Method Blank	Total/NA	Water	300.0	
LCS 885-27934/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-27934/3	Lab Control Sample	Total/NA	Water	300.0	
885-26309-1 MS	692-02	Total/NA	Water	300.0	
885-26309-1 MSD	692-02	Total/NA	Water	300.0	

Analysis Batch: 27935

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26309-1	692-02	Total/NA	Water	300.0	
885-26309-2	692-09	Total/NA	Water	300.0	
885-26309-3	692-05	Total/NA	Water	300.0	
MB 885-27935/4	Method Blank	Total/NA	Water	300.0	
LCS 885-27935/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-27935/3	Lab Control Sample	Total/NA	Water	300.0	
885-26309-1 MS	692-02	Total/NA	Water	300.0	
885-26309-1 MSD	692-02	Total/NA	Water	300.0	

General Chemistry

Analysis Batch: 28251

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26309-1	692-02	Total/NA	Water	2540C	
885-26309-2	692-09	Total/NA	Water	2540C	
885-26309-3	692-05	Total/NA	Water	2540C	
MB 885-28251/1	Method Blank	Total/NA	Water	2540C	
LCS 885-28251/2	Lab Control Sample	Total/NA	Water	2540C	

Prep Batch: 28411

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26309-1	692-02	Total/NA	Water	351.2	
885-26309-2	692-09	Total/NA	Water	351.2	
885-26309-3	692-05	Total/NA	Water	351.2	
MB 885-28411/3-A	Method Blank	Total/NA	Water	351.2	
LCS 885-28411/5-A	Lab Control Sample	Total/NA	Water	351.2	
MRL 885-28411/4-A	Lab Control Sample	Total/NA	Water	351.2	

Analysis Batch: 28556

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26309-1	692-02	Total/NA	Water	351.2	28411
885-26309-2	692-09	Total/NA	Water	351.2	28411
885-26309-3	692-05	Total/NA	Water	351.2	28411
MB 885-28411/3-A	Method Blank	Total/NA	Water	351.2	28411
LCS 885-28411/5-A	Lab Control Sample	Total/NA	Water	351.2	28411
MRL 885-28411/4-A	Lab Control Sample	Total/NA	Water	351.2	28411

Eurofins Albuquerque

Lab Chronicle

Client: EA Engineering
Project/Site: Del Oro Dairy

Job ID: 885-26309-1

Client Sample ID: 692-02

Lab Sample ID: 885-26309-1

Date Collected: 06/06/25 10:35

Matrix: Water

Date Received: 06/08/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	27934	RC	EET ALB	06/10/25 13:05
Total/NA	Analysis	300.0		100	27934	RC	EET ALB	06/10/25 13:48
Total/NA	Analysis	300.0		5	27935	RC	EET ALB	06/10/25 19:42
Total/NA	Analysis	2540C		1	28251	HR	EET ALB	06/13/25 10:06
Total/NA	Prep	351.2			28411	EH	EET ALB	06/16/25 16:33
Total/NA	Analysis	351.2		1	28556	EH	EET ALB	06/18/25 11:26

Client Sample ID: 692-09

Lab Sample ID: 885-26309-2

Date Collected: 06/06/25 13:30

Matrix: Water

Date Received: 06/08/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	27934	RC	EET ALB	06/10/25 14:02
Total/NA	Analysis	300.0		100	27934	RC	EET ALB	06/10/25 14:16
Total/NA	Analysis	300.0		5	27935	RC	EET ALB	06/10/25 20:39
Total/NA	Analysis	2540C		1	28251	HR	EET ALB	06/13/25 10:06
Total/NA	Prep	351.2			28411	EH	EET ALB	06/16/25 16:33
Total/NA	Analysis	351.2		1	28556	EH	EET ALB	06/18/25 11:28

Client Sample ID: 692-05

Lab Sample ID: 885-26309-3

Date Collected: 06/06/25 14:41

Matrix: Water

Date Received: 06/08/25 11:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	27934	RC	EET ALB	06/10/25 14:59
Total/NA	Analysis	300.0		100	27934	RC	EET ALB	06/10/25 15:13
Total/NA	Analysis	300.0		5	27935	RC	EET ALB	06/10/25 20:53
Total/NA	Analysis	2540C		1	28251	HR	EET ALB	06/13/25 10:06
Total/NA	Prep	351.2			28411	EH	EET ALB	06/16/25 16:33
Total/NA	Analysis	351.2		1	28556	EH	EET ALB	06/18/25 11:29

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Eurofins Albuquerque

Accreditation/Certification Summary

Client: EA Engineering
Project/Site: Del Oro Dairy

Job ID: 885-26309-1

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-27-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
2540C		Water	Total Dissolved Solids
300.0		Water	Chloride
300.0		Water	Nitrate Nitrite as N
300.0		Water	Sulfate
351.2	351.2	Water	Nitrogen, Total Kjeldahl

Oregon	NELAP	NM100001	02-26-26
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The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
351.2	351.2	Water	Nitrogen, Total Kjeldahl

[illegible]

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Login Sample Receipt Checklist

Client: EA Engineering

Job Number: 885-26309-1

Login Number: 26309

List Source: Eurofins Albuquerque

List Number: 1

Creator: Dominguez, Desiree

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	N/A	

ANALYTICAL REPORT

PREPARED FOR

Attn: Regina Mullen
EA Engineering
320 Gold Ave SW
Suite 1210
Albuquerque, New Mexico 87102

Generated 6/22/2025 9:09:23 AM

JOB DESCRIPTION

Del Oro Dairy

JOB NUMBER

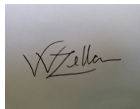
885-26681-1

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



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Authorized for release by
Victoria Zellar, Project Manager
Victoria.Zellar@et.eurofinsus.com
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Definitions/Glossary

Client: EA Engineering
Project/Site: Del Oro Dairy

Job ID: 885-26681-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EA Engineering
Project: Del Oro Dairy

Job ID: 885-26681-1

Job ID: 885-26681-1

Eurofins Albuquerque

Job Narrative 885-26681-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 6/12/2025 9:25 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.5°C.

HPLC/IC

Method 300_OF_48H_PREC: The following sample was diluted due to the nature of the sample matrix: 692-10 (885-26681-3). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Albuquerque

Client Sample Results

Client: EA Engineering
Project/Site: Del Oro Dairy

Job ID: 885-26681-1

Client Sample ID: 692-06

Lab Sample ID: 885-26681-1

Date Collected: 06/11/25 11:30

Matrix: Water

Date Received: 06/12/25 09:25

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	430		50	mg/L			06/12/25 16:49	100
Sulfate	210		5.0	mg/L			06/12/25 16:06	10
Nitrate Nitrite as N	5.7		2.0	mg/L			06/12/25 16:06	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1500		100	mg/L			06/17/25 14:33	1
Nitrogen, Total Kjeldahl (EPA 351.2)	ND		0.50	mg/L		06/17/25 13:10	06/18/25 13:54	1

Client Sample Results

Client: EA Engineering
Project/Site: Del Oro Dairy

Job ID: 885-26681-1

Client Sample ID: 692-07

Lab Sample ID: 885-26681-2

Date Collected: 06/11/25 13:05

Matrix: Water

Date Received: 06/12/25 09:25

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	560		50	mg/L			06/12/25 17:17	100
Sulfate	230		5.0	mg/L			06/12/25 17:03	10
Nitrate Nitrite as N	3.2		2.0	mg/L			06/12/25 17:03	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1500		100	mg/L			06/17/25 14:33	1
Nitrogen, Total Kjeldahl (EPA 351.2)	ND		0.50	mg/L		06/17/25 13:10	06/18/25 13:55	1

Client Sample Results

Client: EA Engineering
Project/Site: Del Oro Dairy

Job ID: 885-26681-1

Client Sample ID: 692-10

Lab Sample ID: 885-26681-3

Date Collected: 06/11/25 14:47

Matrix: Water

Date Received: 06/12/25 09:25

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	650		50	mg/L			06/12/25 17:45	100
Sulfate	200		5.0	mg/L			06/12/25 17:31	10
Nitrate Nitrite as N	ND		2.0	mg/L			06/12/25 17:31	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1800		250	mg/L			06/17/25 14:33	1
Nitrogen, Total Kjeldahl (EPA 351.2)	0.53		0.50	mg/L		06/17/25 13:10	06/18/25 14:03	1

QC Sample Results

Client: EA Engineering
Project/Site: Del Oro Dairy

Job ID: 885-26681-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-28143/4

Matrix: Water

Analysis Batch: 28143

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	mg/L			06/12/25 10:47	1
Sulfate	ND		0.50	mg/L			06/12/25 10:47	1

Lab Sample ID: LCS 885-28143/5

Matrix: Water

Analysis Batch: 28143

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.00	4.86		mg/L		97	90 - 110
Sulfate	10.0	9.58		mg/L		96	90 - 110

Lab Sample ID: MRL 885-28143/3

Matrix: Water

Analysis Batch: 28143

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.538		mg/L		108	50 - 150
Sulfate	0.500	0.530		mg/L		106	50 - 150

Lab Sample ID: 885-26681-1 MS

Matrix: Water

Analysis Batch: 28143

Client Sample ID: 692-06

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	210		100	307		mg/L		92	80 - 120

Lab Sample ID: 885-26681-1 MSD

Matrix: Water

Analysis Batch: 28143

Client Sample ID: 692-06

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	210		100	307		mg/L		92	80 - 120	0	20

Lab Sample ID: MB 885-28144/4

Matrix: Water

Analysis Batch: 28144

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	ND		0.20	mg/L			06/12/25 10:47	1

Lab Sample ID: LCS 885-28144/5

Matrix: Water

Analysis Batch: 28144

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	3.50	3.54		mg/L		101	90 - 110

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QC Sample Results

Client: EA Engineering
Project/Site: Del Oro Dairy

Job ID: 885-26681-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MRL 885-28144/3

Matrix: Water

Analysis Batch: 28144

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	0.200	0.211		mg/L		105	50 - 150

Lab Sample ID: 885-26681-1 MS

Matrix: Water

Analysis Batch: 28144

Client Sample ID: 692-06

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	5.7		35.0	39.8		mg/L		97	80 - 120

Lab Sample ID: 885-26681-1 MSD

Matrix: Water

Analysis Batch: 28144

Client Sample ID: 692-06

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate Nitrite as N	5.7		35.0	40.1		mg/L		98	80 - 120	1	20

Method: 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 885-28492/1

Matrix: Water

Analysis Batch: 28492

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		50	mg/L			06/17/25 14:33	1

Lab Sample ID: LCS 885-28492/2

Matrix: Water

Analysis Batch: 28492

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	990		mg/L		99	80 - 120

Method: 351.2 - Nitrogen, Total Kjeldahl

Lab Sample ID: MRL 885-28475/4-A

Matrix: Water

Analysis Batch: 28643

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 28475

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	0.500	0.535		mg/L		107	50 - 150

Lab Sample ID: MB 885-28477/1-A

Matrix: Water

Analysis Batch: 28643

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 28477

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Total Kjeldahl	ND		0.50	mg/L		06/17/25 13:10	06/18/25 13:28	1

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QC Sample Results

Client: EA Engineering
Project/Site: Del Oro Dairy

Job ID: 885-26681-1

Method: 351.2 - Nitrogen, Total Kjeldahl (Continued)

Lab Sample ID: LCS 885-28477/3-A
Matrix: Water
Analysis Batch: 28643

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 28477

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	10.0	10.3		mg/L		103	90 - 110

Lab Sample ID: MRL 885-28477/2-A
Matrix: Water
Analysis Batch: 28643

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 28477

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	0.500	0.539		mg/L		108	50 - 150

QC Association Summary

Client: EA Engineering
Project/Site: Del Oro Dairy

Job ID: 885-26681-1

HPLC/IC

Analysis Batch: 28143

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26681-1	692-06	Total/NA	Water	300.0	
885-26681-1	692-06	Total/NA	Water	300.0	
885-26681-2	692-07	Total/NA	Water	300.0	
885-26681-2	692-07	Total/NA	Water	300.0	
885-26681-3	692-10	Total/NA	Water	300.0	
885-26681-3	692-10	Total/NA	Water	300.0	
MB 885-28143/4	Method Blank	Total/NA	Water	300.0	
LCS 885-28143/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-28143/3	Lab Control Sample	Total/NA	Water	300.0	
885-26681-1 MS	692-06	Total/NA	Water	300.0	
885-26681-1 MSD	692-06	Total/NA	Water	300.0	

Analysis Batch: 28144

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26681-1	692-06	Total/NA	Water	300.0	
885-26681-2	692-07	Total/NA	Water	300.0	
885-26681-3	692-10	Total/NA	Water	300.0	
MB 885-28144/4	Method Blank	Total/NA	Water	300.0	
LCS 885-28144/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-28144/3	Lab Control Sample	Total/NA	Water	300.0	
885-26681-1 MS	692-06	Total/NA	Water	300.0	
885-26681-1 MSD	692-06	Total/NA	Water	300.0	

General Chemistry

Prep Batch: 28475

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MRL 885-28475/4-A	Lab Control Sample	Total/NA	Water	351.2	

Prep Batch: 28477

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26681-1	692-06	Total/NA	Water	351.2	
885-26681-2	692-07	Total/NA	Water	351.2	
885-26681-3	692-10	Total/NA	Water	351.2	
MB 885-28477/1-A	Method Blank	Total/NA	Water	351.2	
LCS 885-28477/3-A	Lab Control Sample	Total/NA	Water	351.2	
MRL 885-28477/2-A	Lab Control Sample	Total/NA	Water	351.2	

Analysis Batch: 28492

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26681-1	692-06	Total/NA	Water	2540C	
885-26681-2	692-07	Total/NA	Water	2540C	
885-26681-3	692-10	Total/NA	Water	2540C	
MB 885-28492/1	Method Blank	Total/NA	Water	2540C	
LCS 885-28492/2	Lab Control Sample	Total/NA	Water	2540C	

Analysis Batch: 28643

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26681-1	692-06	Total/NA	Water	351.2	28477
885-26681-2	692-07	Total/NA	Water	351.2	28477
885-26681-3	692-10	Total/NA	Water	351.2	28477

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QC Association Summary

Client: EA Engineering
Project/Site: Del Oro Dairy

Job ID: 885-26681-1

General Chemistry (Continued)

Analysis Batch: 28643 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 885-28477/1-A	Method Blank	Total/NA	Water	351.2	28477
LCS 885-28477/3-A	Lab Control Sample	Total/NA	Water	351.2	28477
MRL 885-28475/4-A	Lab Control Sample	Total/NA	Water	351.2	28475
MRL 885-28477/2-A	Lab Control Sample	Total/NA	Water	351.2	28477

Lab Chronicle

Client: EA Engineering
Project/Site: Del Oro Dairy

Job ID: 885-26681-1

Client Sample ID: 692-06

Lab Sample ID: 885-26681-1

Date Collected: 06/11/25 11:30

Matrix: Water

Date Received: 06/12/25 09:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	28143	RC	EET ALB	06/12/25 16:06
Total/NA	Analysis	300.0		10	28144	RC	EET ALB	06/12/25 16:06
Total/NA	Analysis	300.0		100	28143	RC	EET ALB	06/12/25 16:49
Total/NA	Analysis	2540C		1	28492	HR	EET ALB	06/17/25 14:33
Total/NA	Prep	351.2			28477	EH	EET ALB	06/17/25 13:10
Total/NA	Analysis	351.2		1	28643	EH	EET ALB	06/18/25 13:54

Client Sample ID: 692-07

Lab Sample ID: 885-26681-2

Date Collected: 06/11/25 13:05

Matrix: Water

Date Received: 06/12/25 09:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	28143	RC	EET ALB	06/12/25 17:03
Total/NA	Analysis	300.0		10	28144	RC	EET ALB	06/12/25 17:03
Total/NA	Analysis	300.0		100	28143	RC	EET ALB	06/12/25 17:17
Total/NA	Analysis	2540C		1	28492	HR	EET ALB	06/17/25 14:33
Total/NA	Prep	351.2			28477	EH	EET ALB	06/17/25 13:10
Total/NA	Analysis	351.2		1	28643	EH	EET ALB	06/18/25 13:55

Client Sample ID: 692-10

Lab Sample ID: 885-26681-3

Date Collected: 06/11/25 14:47

Matrix: Water

Date Received: 06/12/25 09:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	28143	RC	EET ALB	06/12/25 17:31
Total/NA	Analysis	300.0		10	28144	RC	EET ALB	06/12/25 17:31
Total/NA	Analysis	300.0		100	28143	RC	EET ALB	06/12/25 17:45
Total/NA	Analysis	2540C		1	28492	HR	EET ALB	06/17/25 14:33
Total/NA	Prep	351.2			28477	EH	EET ALB	06/17/25 13:10
Total/NA	Analysis	351.2		1	28643	EH	EET ALB	06/18/25 14:03

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Eurofins Albuquerque

Accreditation/Certification Summary

Client: EA Engineering
Project/Site: Del Oro Dairy

Job ID: 885-26681-1

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-27-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
2540C		Water	Total Dissolved Solids
300.0		Water	Chloride
300.0		Water	Nitrate Nitrite as N
300.0		Water	Sulfate
351.2	351.2	Water	Nitrogen, Total Kjeldahl

Oregon	NELAP	NM100001	02-26-26
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The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
351.2	351.2	Water	Nitrogen, Total Kjeldahl

[illegible]

6/22/2025

Login Sample Receipt Checklist

Client: EA Engineering

Job Number: 885-26681-1

Login Number: 26681

List Source: Eurofins Albuquerque

List Number: 1

Creator: McQuiston, Steven

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	N/A	

ANALYTICAL REPORT

PREPARED FOR

Attn: Regina Mullen
EA Engineering
320 Gold Ave SW
Suite 1210
Albuquerque, New Mexico 87102

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JOB DESCRIPTION

Del Oro Dairy

JOB NUMBER

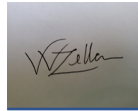
885-26752-1

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



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Authorized for release by
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Definitions/Glossary

Client: EA Engineering
Project/Site: Del Oro Dairy

Job ID: 885-26752-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EA Engineering
Project: Del Oro Dairy

Job ID: 885-26752-1

Job ID: 885-26752-1

Eurofins Albuquerque

Job Narrative 885-26752-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 6/13/2025 9:25 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.1°C.

HPLC/IC

Method 300_OF_48H_PREC: The following samples were diluted due to the nature of the sample matrix: EW-02 (885-26752-2) and EW-01 (885-26752-3). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

Method 2540C_SingleDry: The analysis volume selected for the following samples produced a base result greater than 200mg before calculation of the final result: EW-02 (885-26752-2) and EW-01 (885-26752-3). Reanalysis could not be performed due to, holding time exceedance. Visual inspection by analyst shows no signs of trapped moisture, report as is. The reference method specifies that no more than 200mg of weight be recovered for a chosen sample analysis volume in order to produce the best data precision. As such, these data have been qualified.

Method 351.2: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 885-28606 and analytical batch 885-28733 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 351.2: The following samples were diluted due to the nature of the sample matrix: EW-02 (885-26752-2) and EW-01 (885-26752-3). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Albuquerque

Client Sample Results

Client: EA Engineering
Project/Site: Del Oro Dairy

Job ID: 885-26752-1

Client Sample ID: 692-08

Lab Sample ID: 885-26752-1

Date Collected: 06/12/25 12:25

Matrix: Water

Date Received: 06/13/25 09:25

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	440		5.0	mg/L			06/13/25 14:28	10
Sulfate	190		5.0	mg/L			06/13/25 14:28	10
Nitrate Nitrite as N	4.3		2.0	mg/L			06/13/25 14:28	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1400		50	mg/L			06/19/25 10:16	1
Nitrogen, Total Kjeldahl (EPA 351.2)	ND	F1	0.50	mg/L		06/18/25 15:52	06/20/25 09:45	1

Client Sample Results

Client: EA Engineering
Project/Site: Del Oro Dairy

Job ID: 885-26752-1

Client Sample ID: EW-02

Lab Sample ID: 885-26752-2

Date Collected: 06/12/25 14:05

Matrix: Water

Date Received: 06/13/25 09:25

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	790		5.0	mg/L			06/13/25 15:09	10
Nitrate Nitrite as N	120		2.0	mg/L			06/13/25 15:09	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3300	E	50	mg/L			06/19/25 10:16	1
Nitrogen, Total Kjeldahl (EPA 351.2)	ND		13	mg/L		06/18/25 15:52	06/20/25 09:50	1

Client Sample Results

Client: EA Engineering
Project/Site: Del Oro Dairy

Job ID: 885-26752-1

Client Sample ID: EW-01

Lab Sample ID: 885-26752-3

Date Collected: 06/12/25 15:35

Matrix: Water

Date Received: 06/13/25 09:25

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1100		50	mg/L			06/13/25 15:41	100
Nitrate Nitrite as N	170		20	mg/L			06/13/25 15:41	100

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	4300	E	50	mg/L			06/19/25 10:16	1
Nitrogen, Total Kjeldahl (EPA 351.2)	ND		13	mg/L		06/18/25 15:52	06/20/25 09:51	1

QC Sample Results

Client: EA Engineering
Project/Site: Del Oro Dairy

Job ID: 885-26752-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-28232/35

Matrix: Water

Analysis Batch: 28232

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	mg/L			06/13/25 13:57	1
Sulfate	ND		0.50	mg/L			06/13/25 13:57	1

Lab Sample ID: MB 885-28232/4

Matrix: Water

Analysis Batch: 28232

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	mg/L			06/13/25 08:27	1
Sulfate	ND		0.50	mg/L			06/13/25 08:27	1

Lab Sample ID: LCS 885-28232/34

Matrix: Water

Analysis Batch: 28232

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.00	4.85		mg/L		97	90 - 110
Sulfate	10.0	9.40		mg/L		94	90 - 110

Lab Sample ID: MRL 885-28232/3

Matrix: Water

Analysis Batch: 28232

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.525		mg/L		105	50 - 150
Sulfate	0.500	0.490	J	mg/L		98	50 - 150

Lab Sample ID: 885-26752-1 MS

Matrix: Water

Analysis Batch: 28232

Client Sample ID: 692-08

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	190		100	283		mg/L		94	80 - 120

Lab Sample ID: 885-26752-1 MSD

Matrix: Water

Analysis Batch: 28232

Client Sample ID: 692-08

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	190		100	278		mg/L		89	80 - 120	2	20

Lab Sample ID: MB 885-28233/35

Matrix: Water

Analysis Batch: 28233

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	ND		0.20	mg/L			06/13/25 13:57	1

Eurofins Albuquerque

QC Sample Results

Client: EA Engineering
Project/Site: Del Oro Dairy

Job ID: 885-26752-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 885-28233/4

Matrix: Water

Analysis Batch: 28233

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	ND		0.20	mg/L			06/13/25 08:27	1

Lab Sample ID: LCS 885-28233/34

Matrix: Water

Analysis Batch: 28233

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	3.50	3.48		mg/L		100	90 - 110

Lab Sample ID: MRL 885-28233/3

Matrix: Water

Analysis Batch: 28233

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	0.200	0.204		mg/L		102	50 - 150

Lab Sample ID: 885-26752-1 MS

Matrix: Water

Analysis Batch: 28233

Client Sample ID: 692-08

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate Nitrite as N	4.3		35.0	39.1		mg/L		99	80 - 120

Lab Sample ID: 885-26752-1 MSD

Matrix: Water

Analysis Batch: 28233

Client Sample ID: 692-08

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate Nitrite as N	4.3		35.0	38.7		mg/L		98	80 - 120	1	20

Method: 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 885-28651/1

Matrix: Water

Analysis Batch: 28651

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		50	mg/L			06/19/25 10:16	1

Lab Sample ID: LCS 885-28651/2

Matrix: Water

Analysis Batch: 28651

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	1020		mg/L		102	80 - 120

Eurofins Albuquerque

QC Sample Results

Client: EA Engineering
Project/Site: Del Oro Dairy

Job ID: 885-26752-1

Method: 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: 885-26752-1 DU

Matrix: Water

Analysis Batch: 28651

Client Sample ID: 692-08

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	1400		1410		mg/L		0.1	10

Method: 351.2 - Nitrogen, Total Kjeldahl

Lab Sample ID: MRL 885-28605/4-A

Matrix: Water

Analysis Batch: 28733

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 28605

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	0.500	0.511		mg/L		102	50 - 150

Lab Sample ID: MB 885-28606/1-A

Matrix: Water

Analysis Batch: 28733

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 28606

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Total Kjeldahl	ND		0.50	mg/L		06/18/25 15:52	06/20/25 09:38	1

Lab Sample ID: LCS 885-28606/3-A

Matrix: Water

Analysis Batch: 28733

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 28606

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	10.0	10.4		mg/L		104	90 - 110

Lab Sample ID: MRL 885-28606/2-A

Matrix: Water

Analysis Batch: 28733

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 28606

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	0.500	ND		mg/L		91	50 - 150

Lab Sample ID: 885-26752-1 MS

Matrix: Water

Analysis Batch: 28733

Client Sample ID: 692-08

Prep Type: Total/NA

Prep Batch: 28606

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	ND	F1	10.0	8.44	F1	mg/L		84	90 - 110

Lab Sample ID: 885-26752-1 MSD

Matrix: Water

Analysis Batch: 28733

Client Sample ID: 692-08

Prep Type: Total/NA

Prep Batch: 28606

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrogen, Total Kjeldahl	ND	F1	10.0	9.02		mg/L		90	90 - 110	7	20

Eurofins Albuquerque

QC Association Summary

Client: EA Engineering
Project/Site: Del Oro Dairy

Job ID: 885-26752-1

HPLC/IC

Analysis Batch: 28232

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26752-1	692-08	Total/NA	Water	300.0	
885-26752-2	EW-02	Total/NA	Water	300.0	
885-26752-3	EW-01	Total/NA	Water	300.0	
MB 885-28232/35	Method Blank	Total/NA	Water	300.0	
MB 885-28232/4	Method Blank	Total/NA	Water	300.0	
LCS 885-28232/34	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-28232/3	Lab Control Sample	Total/NA	Water	300.0	
885-26752-1 MS	692-08	Total/NA	Water	300.0	
885-26752-1 MSD	692-08	Total/NA	Water	300.0	

Analysis Batch: 28233

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26752-1	692-08	Total/NA	Water	300.0	
885-26752-2	EW-02	Total/NA	Water	300.0	
885-26752-3	EW-01	Total/NA	Water	300.0	
MB 885-28233/35	Method Blank	Total/NA	Water	300.0	
MB 885-28233/4	Method Blank	Total/NA	Water	300.0	
LCS 885-28233/34	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-28233/3	Lab Control Sample	Total/NA	Water	300.0	
885-26752-1 MS	692-08	Total/NA	Water	300.0	
885-26752-1 MSD	692-08	Total/NA	Water	300.0	

General Chemistry

Prep Batch: 28605

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MRL 885-28605/4-A	Lab Control Sample	Total/NA	Water	351.2	

Prep Batch: 28606

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26752-1	692-08	Total/NA	Water	351.2	
885-26752-2	EW-02	Total/NA	Water	351.2	
885-26752-3	EW-01	Total/NA	Water	351.2	
MB 885-28606/1-A	Method Blank	Total/NA	Water	351.2	
LCS 885-28606/3-A	Lab Control Sample	Total/NA	Water	351.2	
MRL 885-28606/2-A	Lab Control Sample	Total/NA	Water	351.2	
885-26752-1 MS	692-08	Total/NA	Water	351.2	
885-26752-1 MSD	692-08	Total/NA	Water	351.2	

Analysis Batch: 28651

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26752-1	692-08	Total/NA	Water	2540C	
885-26752-2	EW-02	Total/NA	Water	2540C	
885-26752-3	EW-01	Total/NA	Water	2540C	
MB 885-28651/1	Method Blank	Total/NA	Water	2540C	
LCS 885-28651/2	Lab Control Sample	Total/NA	Water	2540C	
885-26752-1 DU	692-08	Total/NA	Water	2540C	

Analysis Batch: 28733

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26752-1	692-08	Total/NA	Water	351.2	28606

Eurofins Albuquerque

QC Association Summary

Client: EA Engineering
Project/Site: Del Oro Dairy

Job ID: 885-26752-1

General Chemistry (Continued)

Analysis Batch: 28733 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26752-2	EW-02	Total/NA	Water	351.2	28606
885-26752-3	EW-01	Total/NA	Water	351.2	28606
MB 885-28606/1-A	Method Blank	Total/NA	Water	351.2	28606
LCS 885-28606/3-A	Lab Control Sample	Total/NA	Water	351.2	28606
MRL 885-28605/4-A	Lab Control Sample	Total/NA	Water	351.2	28605
MRL 885-28606/2-A	Lab Control Sample	Total/NA	Water	351.2	28606
885-26752-1 MS	692-08	Total/NA	Water	351.2	28606
885-26752-1 MSD	692-08	Total/NA	Water	351.2	28606

Lab Chronicle

Client: EA Engineering
Project/Site: Del Oro Dairy

Job ID: 885-26752-1

Client Sample ID: 692-08

Date Collected: 06/12/25 12:25

Date Received: 06/13/25 09:25

Lab Sample ID: 885-26752-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	28232	RC	EET ALB	06/13/25 14:28
Total/NA	Analysis	300.0		10	28233	RC	EET ALB	06/13/25 14:28
Total/NA	Analysis	2540C		1	28651	HR	EET ALB	06/19/25 10:16
Total/NA	Prep	351.2			28606	EH	EET ALB	06/18/25 15:52
Total/NA	Analysis	351.2		1	28733	EH	EET ALB	06/20/25 09:45

Client Sample ID: EW-02

Date Collected: 06/12/25 14:05

Date Received: 06/13/25 09:25

Lab Sample ID: 885-26752-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	28232	RC	EET ALB	06/13/25 15:09
Total/NA	Analysis	300.0		10	28233	RC	EET ALB	06/13/25 15:09
Total/NA	Analysis	2540C		1	28651	HR	EET ALB	06/19/25 10:16
Total/NA	Prep	351.2			28606	EH	EET ALB	06/18/25 15:52
Total/NA	Analysis	351.2		1	28733	EH	EET ALB	06/20/25 09:50

Client Sample ID: EW-01

Date Collected: 06/12/25 15:35

Date Received: 06/13/25 09:25

Lab Sample ID: 885-26752-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		100	28232	RC	EET ALB	06/13/25 15:41
Total/NA	Analysis	300.0		100	28233	RC	EET ALB	06/13/25 15:41
Total/NA	Analysis	2540C		1	28651	HR	EET ALB	06/19/25 10:16
Total/NA	Prep	351.2			28606	EH	EET ALB	06/18/25 15:52
Total/NA	Analysis	351.2		1	28733	EH	EET ALB	06/20/25 09:51

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: EA Engineering
Project/Site: Del Oro Dairy

Job ID: 885-26752-1

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-27-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
2540C		Water	Total Dissolved Solids
300.0		Water	Chloride
300.0		Water	Nitrate Nitrite as N
300.0		Water	Sulfate
351.2	351.2	Water	Nitrogen, Total Kjeldahl

Oregon	NELAP	NM100001	02-26-26
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The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
351.2	351.2	Water	Nitrogen, Total Kjeldahl

**HALL ENVIRONMENTAL
ANALYSIS LABO**



www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87106
885-26752 COC

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

[illegible]

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Login Sample Receipt Checklist

Client: EA Engineering

Job Number: 885-26752-1

Login Number: 26752

List Source: Eurofins Albuquerque

List Number: 1

Creator: Proctor, Nancy

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	N/A	

ANALYTICAL REPORT

PREPARED FOR

Attn: Regina Mullen
EA Engineering
320 Gold Ave SW
Suite 1210
Albuquerque, New Mexico 87102

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JOB DESCRIPTION

Dominguez Dairy 2

JOB NUMBER

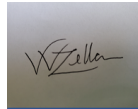
885-25311-1

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



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Authorized for release by
Victoria Zellar, Project Manager
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Definitions/Glossary

Client: EA Engineering
Project/Site: Dominguez Dairy 2

Job ID: 885-25311-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
E	Result exceeded calibration range.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
SQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EA Engineering
Project: Dominguez Dairy 2

Job ID: 885-25311-1

Job ID: 885-25311-1

Eurofins Albuquerque

Job Narrative 885-25311-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 5/21/2025 10:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.5°C.

HPLC/IC

Method 300_OF_48H_PREC: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 885-26624 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 300_OF_48H_PREC: The following samples were diluted due to the nature of the sample matrix: 42-12 (885-25311-1), 42-10 (885-25311-2) and 42-03 (885-25311-3). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

Method 2540C_SingleDry: The analysis volume selected for the following samples produced a base result greater than 200mg before calculation of the final result: 42-03 (885-25311-3), (885-25287-A-1) and (885-25287-A-1 DU). Reanalysis could not be performed due to, holding time exceedance. Visual inspection by analyst shows no signs of trapped moisture, report as is. The reference method specifies that no more than 200mg of weight be recovered for a chosen sample analysis volume in order to produce the best data precision. As such, these data have been qualified.

Method 351.2: The following sample contained elevated nitrate levels which inhibited the recovery of Total Kjeldahl Nitrogen (TKN): 42-03 (885-25311-3).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Albuquerque

Client Sample Results

Client: EA Engineering
Project/Site: Dominguez Dairy 2

Job ID: 885-25311-1

Client Sample ID: 42-12

Lab Sample ID: 885-25311-1

Date Collected: 05/20/25 11:50

Matrix: Water

Date Received: 05/21/25 10:00

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	280		50	mg/L			05/22/25 00:27	100
Nitrate	ND		1.0	mg/L			05/22/25 00:13	10
Nitrite	ND		1.0	mg/L			05/22/25 00:13	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	550		50	mg/L			05/23/25 10:39	1
Nitrogen, Total Kjeldahl (EPA 351.2)	ND		0.50	mg/L		05/22/25 10:56	05/22/25 17:05	1

Client Sample Results

Client: EA Engineering
Project/Site: Dominguez Dairy 2

Job ID: 885-25311-1

Client Sample ID: 42-10

Lab Sample ID: 885-25311-2

Date Collected: 05/20/25 13:47

Matrix: Water

Date Received: 05/21/25 10:00

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	290		50	mg/L			05/22/25 00:55	100
Nitrate	ND		1.0	mg/L			05/22/25 00:41	10
Nitrite	ND		1.0	mg/L			05/22/25 00:41	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	550		50	mg/L			05/23/25 10:39	1
Nitrogen, Total Kjeldahl (EPA 351.2)	ND		0.50	mg/L		05/22/25 10:56	05/23/25 14:44	1

Client Sample Results

Client: EA Engineering
Project/Site: Dominguez Dairy 2

Job ID: 885-25311-1

Client Sample ID: 42-03

Lab Sample ID: 885-25311-3

Date Collected: 05/20/25 15:20

Matrix: Water

Date Received: 05/21/25 10:00

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	950		50	mg/L			05/22/25 01:52	100
Nitrate	40		1.0	mg/L			05/22/25 01:09	10
Nitrite	ND	F1	1.0	mg/L			05/22/25 01:09	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3100	E	50	mg/L			05/23/25 10:39	1
Nitrogen, Total Kjeldahl (EPA 351.2)	ND		0.50	mg/L		05/22/25 10:56	05/23/25 14:45	1

QC Sample Results

Client: EA Engineering
Project/Site: Dominguez Dairy 2

Job ID: 885-25311-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-26623/58

Matrix: Water

Analysis Batch: 26623

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	mg/L			05/21/25 23:16	1

Lab Sample ID: LCS 885-26623/59

Matrix: Water

Analysis Batch: 26623

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.00	4.77		mg/L		95	90 - 110

Lab Sample ID: MRL 885-26623/3

Matrix: Water

Analysis Batch: 26623

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.520		mg/L		104	50 - 150

Lab Sample ID: MB 885-26624/58

Matrix: Water

Analysis Batch: 26624

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate	ND		0.10	mg/L			05/21/25 23:16	1
Nitrite	ND		0.10	mg/L			05/21/25 23:16	1

Lab Sample ID: LCS 885-26624/59

Matrix: Water

Analysis Batch: 26624

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	2.50	2.52		mg/L		101	90 - 110
Nitrite	1.00	0.931		mg/L		93	90 - 110

Lab Sample ID: MRL 885-26624/3

Matrix: Water

Analysis Batch: 26624

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	0.100	0.100		mg/L		100	50 - 150
Nitrite	0.100	0.0998	J	mg/L		100	50 - 150

Lab Sample ID: 885-25311-3 MS

Matrix: Water

Analysis Batch: 26624

Client Sample ID: 42-03

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	40		25.0	68.4		mg/L		113	80 - 120

Eurofins Albuquerque

QC Sample Results

Client: EA Engineering
Project/Site: Dominguez Dairy 2

Job ID: 885-25311-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 885-25311-3 MSD

Matrix: Water

Analysis Batch: 26624

Client Sample ID: 42-03

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate	40		25.0	68.3		mg/L		112	80 - 120	0	20

Method: 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 885-26861/1

Matrix: Water

Analysis Batch: 26861

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		50	mg/L			05/23/25 10:39	1

Lab Sample ID: LCS 885-26861/2

Matrix: Water

Analysis Batch: 26861

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	1000		mg/L		100	80 - 120

Method: 351.2 - Nitrogen, Total Kjeldahl

Lab Sample ID: MRL 885-26757/4-A

Matrix: Water

Analysis Batch: 26872

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 26757

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	0.500	0.511		mg/L		102	50 - 150

Lab Sample ID: MB 885-26758/1-A

Matrix: Water

Analysis Batch: 26872

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 26758

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Total Kjeldahl	ND		0.50	mg/L		05/22/25 10:56	05/22/25 16:51	1

Lab Sample ID: MB 885-26758/1-A

Matrix: Water

Analysis Batch: 26894

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 26758

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Total Kjeldahl	ND		0.50	mg/L		05/22/25 10:56	05/23/25 14:39	1

Lab Sample ID: LCS 885-26758/3-A

Matrix: Water

Analysis Batch: 26872

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 26758

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	10.0	10.2		mg/L		102	90 - 110

Eurofins Albuquerque

QC Sample Results

Client: EA Engineering
Project/Site: Dominguez Dairy 2

Job ID: 885-25311-1

Method: 351.2 - Nitrogen, Total Kjeldahl (Continued)

Lab Sample ID: LCS 885-26758/3-A
Matrix: Water
Analysis Batch: 26894

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 26758

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	10.0	9.94		mg/L		99	90 - 110

Lab Sample ID: MRL 885-26758/2-A
Matrix: Water
Analysis Batch: 26872

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 26758

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	0.500	0.540		mg/L		108	50 - 150

Lab Sample ID: MRL 885-26758/2-A
Matrix: Water
Analysis Batch: 26894

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 26758

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	0.500	ND		mg/L		91	50 - 150

QC Association Summary

Client: EA Engineering
Project/Site: Dominguez Dairy 2

Job ID: 885-25311-1

HPLC/IC

Analysis Batch: 26623

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25311-1	42-12	Total/NA	Water	300.0	
885-25311-2	42-10	Total/NA	Water	300.0	
885-25311-3	42-03	Total/NA	Water	300.0	
MB 885-26623/58	Method Blank	Total/NA	Water	300.0	
LCS 885-26623/59	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-26623/3	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 26624

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25311-1	42-12	Total/NA	Water	300.0	
885-25311-2	42-10	Total/NA	Water	300.0	
885-25311-3	42-03	Total/NA	Water	300.0	
MB 885-26624/58	Method Blank	Total/NA	Water	300.0	
LCS 885-26624/59	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-26624/3	Lab Control Sample	Total/NA	Water	300.0	
885-25311-3 MS	42-03	Total/NA	Water	300.0	
885-25311-3 MSD	42-03	Total/NA	Water	300.0	

General Chemistry

Prep Batch: 26757

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MRL 885-26757/4-A	Lab Control Sample	Total/NA	Water	351.2	

Prep Batch: 26758

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25311-1	42-12	Total/NA	Water	351.2	
885-25311-2	42-10	Total/NA	Water	351.2	
885-25311-3	42-03	Total/NA	Water	351.2	
MB 885-26758/1-A	Method Blank	Total/NA	Water	351.2	
LCS 885-26758/3-A	Lab Control Sample	Total/NA	Water	351.2	
MRL 885-26758/2-A	Lab Control Sample	Total/NA	Water	351.2	

Analysis Batch: 26861

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25311-1	42-12	Total/NA	Water	2540C	
885-25311-2	42-10	Total/NA	Water	2540C	
885-25311-3	42-03	Total/NA	Water	2540C	
MB 885-26861/1	Method Blank	Total/NA	Water	2540C	
LCS 885-26861/2	Lab Control Sample	Total/NA	Water	2540C	

Analysis Batch: 26872

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25311-1	42-12	Total/NA	Water	351.2	26758
MB 885-26758/1-A	Method Blank	Total/NA	Water	351.2	26758
LCS 885-26758/3-A	Lab Control Sample	Total/NA	Water	351.2	26758
MRL 885-26757/4-A	Lab Control Sample	Total/NA	Water	351.2	26757
MRL 885-26758/2-A	Lab Control Sample	Total/NA	Water	351.2	26758

Eurofins Albuquerque

QC Association Summary

Client: EA Engineering
Project/Site: Dominguez Dairy 2

Job ID: 885-25311-1

General Chemistry

Analysis Batch: 26894

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25311-2	42-10	Total/NA	Water	351.2	26758
885-25311-3	42-03	Total/NA	Water	351.2	26758
MB 885-26758/1-A	Method Blank	Total/NA	Water	351.2	26758
LCS 885-26758/3-A	Lab Control Sample	Total/NA	Water	351.2	26758
MRL 885-26758/2-A	Lab Control Sample	Total/NA	Water	351.2	26758

Lab Chronicle

Client: EA Engineering
Project/Site: Dominguez Dairy 2

Job ID: 885-25311-1

Client Sample ID: 42-12

Date Collected: 05/20/25 11:50

Date Received: 05/21/25 10:00

Lab Sample ID: 885-25311-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	26624	ES	EET ALB	05/22/25 00:13
Total/NA	Analysis	300.0		100	26623	ES	EET ALB	05/22/25 00:27
Total/NA	Analysis	2540C		1	26861	HR	EET ALB	05/23/25 10:39
Total/NA	Prep	351.2			26758	EH	EET ALB	05/22/25 10:56
Total/NA	Analysis	351.2		1	26872	EH	EET ALB	05/22/25 17:05

Client Sample ID: 42-10

Date Collected: 05/20/25 13:47

Date Received: 05/21/25 10:00

Lab Sample ID: 885-25311-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	26624	ES	EET ALB	05/22/25 00:41
Total/NA	Analysis	300.0		100	26623	ES	EET ALB	05/22/25 00:55
Total/NA	Analysis	2540C		1	26861	HR	EET ALB	05/23/25 10:39
Total/NA	Prep	351.2			26758	EH	EET ALB	05/22/25 10:56
Total/NA	Analysis	351.2		1	26894	EH	EET ALB	05/23/25 14:44

Client Sample ID: 42-03

Date Collected: 05/20/25 15:20

Date Received: 05/21/25 10:00

Lab Sample ID: 885-25311-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	26624	ES	EET ALB	05/22/25 01:09
Total/NA	Analysis	300.0		100	26623	ES	EET ALB	05/22/25 01:52
Total/NA	Analysis	2540C		1	26861	HR	EET ALB	05/23/25 10:39
Total/NA	Prep	351.2			26758	EH	EET ALB	05/22/25 10:56
Total/NA	Analysis	351.2		1	26894	EH	EET ALB	05/23/25 14:45

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: EA Engineering
Project/Site: Dominguez Dairy 2

Job ID: 885-25311-1

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-27-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
2540C		Water	Total Dissolved Solids
300.0		Water	Chloride
300.0		Water	Nitrate
300.0		Water	Nitrite
351.2	351.2	Water	Nitrogen, Total Kjeldahl

Oregon	NELAP	NM100001	02-26-26
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The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
351.2	351.2	Water	Nitrogen, Total Kjeldahl

Black	White	Black
White	Black	White
Black	White	Black

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com



4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

885-25311 COC

Analysis Request

[illegible]

Any necessary samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly noted on the analytical report.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Login Sample Receipt Checklist

Client: EA Engineering

Job Number: 885-25311-1

Login Number: 25311

List Source: Eurofins Albuquerque

List Number: 1

Creator: Dominguez, Desiree

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	N/A	

ANALYTICAL REPORT

PREPARED FOR

Attn: Regina Mullen
EA Engineering
320 Gold Ave SW
Suite 1210
Albuquerque, New Mexico 87102

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JOB DESCRIPTION

Dominguez Dairy 1

JOB NUMBER

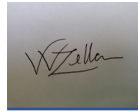
885-25451-1

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



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Authorized for release by
Victoria Zellar, Project Manager
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Definitions/Glossary

Client: EA Engineering
Project/Site: Dominguez Dairy 1

Job ID: 885-25451-1

Qualifiers

General Chemistry

Qualifier	Qualifier Description
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EA Engineering
Project: Dominguez Dairy 1

Job ID: 885-25451-1

Job ID: 885-25451-1

Eurofins Albuquerque

Job Narrative 885-25451-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 5/23/2025 10:10 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.8°C.

HPLC/IC

Method 300_OF_48H_PREC: The following samples were diluted due to the nature of the sample matrix: 624-11 (885-25451-1), 624-01 (885-25451-2), 624-02 (885-25451-3) and (885-25460-A-1). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

Method 2540C_SingleDry: The analysis volume selected for the following samples produced a base result greater than 200mg before calculation of the final result: 624-11 (885-25451-1) and (885-25451-A-1 DU). Reanalysis could not be performed due to, holding time exceedance. Visual inspection by analyst shows no signs of trapped moisture, report as is. The reference method specifies that no more than 200mg of weight be recovered for a chosen sample analysis volume in order to produce the best data precision. As such, these data have been qualified.

Method 351.2: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 885-27048 and analytical batch 885-27194 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 351.2: The following samples were diluted due to the nature of the sample matrix: 624-01 (885-25451-2) and 624-02 (885-25451-3). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Albuquerque

Client Sample Results

Client: EA Engineering
Project/Site: Dominguez Dairy 1

Job ID: 885-25451-1

Client Sample ID: 624-11

Lab Sample ID: 885-25451-1

Date Collected: 05/22/25 10:03

Matrix: Water

Date Received: 05/23/25 10:10

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1600		50	mg/L			05/23/25 14:22	100
Nitrate	6.7		1.0	mg/L			05/23/25 14:12	10
Nitrite	ND		1.0	mg/L			05/23/25 14:12	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	4400	E	100	mg/L			05/29/25 09:47	1
Nitrogen, Total Kjeldahl (EPA 351.2)	ND	F1	0.50	mg/L		05/28/25 10:58	05/29/25 14:36	1

Client Sample Results

Client: EA Engineering
Project/Site: Dominguez Dairy 1

Job ID: 885-25451-1

Client Sample ID: 624-01

Lab Sample ID: 885-25451-2

Date Collected: 05/22/25 12:17

Matrix: Water

Date Received: 05/23/25 10:10

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	900		50	mg/L			05/23/25 14:42	100
Nitrate	16		1.0	mg/L			05/23/25 14:32	10
Nitrite	ND		1.0	mg/L			05/23/25 14:32	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2800		100	mg/L			05/29/25 09:47	1
Nitrogen, Total Kjeldahl (EPA 351.2)	ND		1.3	mg/L		05/28/25 10:58	05/29/25 14:33	1

Client Sample Results

Client: EA Engineering
Project/Site: Dominguez Dairy 1

Job ID: 885-25451-1

Client Sample ID: 624-02

Lab Sample ID: 885-25451-3

Date Collected: 05/22/25 15:00

Matrix: Water

Date Received: 05/23/25 10:10

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	960		50	mg/L			05/23/25 15:02	100
Nitrate	13		1.0	mg/L			05/23/25 14:52	10
Nitrite	ND		1.0	mg/L			05/23/25 14:52	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3100		100	mg/L			05/29/25 09:47	1
Nitrogen, Total Kjeldahl (EPA 351.2)	ND		1.3	mg/L		05/28/25 10:58	05/29/25 14:34	1

QC Sample Results

Client: EA Engineering
Project/Site: Dominguez Dairy 1

Job ID: 885-25451-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-26820/4

Matrix: Water

Analysis Batch: 26820

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	mg/L			05/23/25 07:59	1

Lab Sample ID: MB 885-26820/58

Matrix: Water

Analysis Batch: 26820

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	mg/L			05/23/25 16:50	1

Lab Sample ID: LCS 885-26820/5

Matrix: Water

Analysis Batch: 26820

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.00	4.94		mg/L		99	90 - 110

Lab Sample ID: LCS 885-26820/59

Matrix: Water

Analysis Batch: 26820

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.00	4.92		mg/L		98	90 - 110

Lab Sample ID: MRL 885-26820/3

Matrix: Water

Analysis Batch: 26820

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.521		mg/L		104	50 - 150

Lab Sample ID: MB 885-26821/4

Matrix: Water

Analysis Batch: 26821

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate	ND		0.10	mg/L			05/23/25 07:59	1
Nitrite	ND		0.10	mg/L			05/23/25 07:59	1

Lab Sample ID: MB 885-26821/58

Matrix: Water

Analysis Batch: 26821

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate	ND		0.10	mg/L			05/23/25 16:50	1
Nitrite	ND		0.10	mg/L			05/23/25 16:50	1

Eurofins Albuquerque

QC Sample Results

Client: EA Engineering
Project/Site: Dominguez Dairy 1

Job ID: 885-25451-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-26821/5

Matrix: Water

Analysis Batch: 26821

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	2.50	2.51		mg/L		100	90 - 110
Nitrite	1.00	0.960		mg/L		96	90 - 110

Lab Sample ID: LCS 885-26821/59

Matrix: Water

Analysis Batch: 26821

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	2.50	2.50		mg/L		100	90 - 110
Nitrite	1.00	0.953		mg/L		95	90 - 110

Lab Sample ID: MRL 885-26821/3

Matrix: Water

Analysis Batch: 26821

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	0.100	0.102		mg/L		102	50 - 150
Nitrite	0.100	0.103		mg/L		103	50 - 150

Method: 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 885-27150/1

Matrix: Water

Analysis Batch: 27150

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		50	mg/L			05/29/25 09:47	1

Lab Sample ID: LCS 885-27150/2

Matrix: Water

Analysis Batch: 27150

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	1000		mg/L		100	80 - 120

Lab Sample ID: 885-25451-1 DU

Matrix: Water

Analysis Batch: 27150

Client Sample ID: 624-11

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	4400	E	4410	E	mg/L		0.3	10

Method: 351.2 - Nitrogen, Total Kjeldahl

Lab Sample ID: MB 885-27048/3-A

Matrix: Water

Analysis Batch: 27194

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27048

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Total Kjeldahl	ND		0.50	mg/L		05/28/25 10:58	05/29/25 14:10	1

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QC Sample Results

Client: EA Engineering
Project/Site: Dominguez Dairy 1

Job ID: 885-25451-1

Method: 351.2 - Nitrogen, Total Kjeldahl (Continued)

Lab Sample ID: LCS 885-27048/5-A

Matrix: Water

Analysis Batch: 27194

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27048

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	10.0	10.3		mg/L		103	90 - 110

Lab Sample ID: MRL 885-27048/4-A

Matrix: Water

Analysis Batch: 27194

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27048

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	0.500	0.544		mg/L		109	50 - 150

Lab Sample ID: 885-25451-1 MS

Matrix: Water

Analysis Batch: 27194

Client Sample ID: 624-11

Prep Type: Total/NA

Prep Batch: 27048

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	ND	F1	10.0	11.2	F1	mg/L		112	90 - 110

Lab Sample ID: 885-25451-1 MSD

Matrix: Water

Analysis Batch: 27194

Client Sample ID: 624-11

Prep Type: Total/NA

Prep Batch: 27048

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrogen, Total Kjeldahl	ND	F1	10.0	11.8	F1	mg/L		118	90 - 110	5	20

QC Association Summary

Client: EA Engineering
Project/Site: Dominguez Dairy 1

Job ID: 885-25451-1

HPLC/IC

Analysis Batch: 26820

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25451-1	624-11	Total/NA	Water	300.0	
885-25451-2	624-01	Total/NA	Water	300.0	
885-25451-3	624-02	Total/NA	Water	300.0	
MB 885-26820/4	Method Blank	Total/NA	Water	300.0	
MB 885-26820/58	Method Blank	Total/NA	Water	300.0	
LCS 885-26820/5	Lab Control Sample	Total/NA	Water	300.0	
LCS 885-26820/59	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-26820/3	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 26821

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25451-1	624-11	Total/NA	Water	300.0	
885-25451-2	624-01	Total/NA	Water	300.0	
885-25451-3	624-02	Total/NA	Water	300.0	
MB 885-26821/4	Method Blank	Total/NA	Water	300.0	
MB 885-26821/58	Method Blank	Total/NA	Water	300.0	
LCS 885-26821/5	Lab Control Sample	Total/NA	Water	300.0	
LCS 885-26821/59	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-26821/3	Lab Control Sample	Total/NA	Water	300.0	

General Chemistry

Prep Batch: 27048

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25451-1	624-11	Total/NA	Water	351.2	
885-25451-2	624-01	Total/NA	Water	351.2	
885-25451-3	624-02	Total/NA	Water	351.2	
MB 885-27048/3-A	Method Blank	Total/NA	Water	351.2	
LCS 885-27048/5-A	Lab Control Sample	Total/NA	Water	351.2	
MRL 885-27048/4-A	Lab Control Sample	Total/NA	Water	351.2	
885-25451-1 MS	624-11	Total/NA	Water	351.2	
885-25451-1 MSD	624-11	Total/NA	Water	351.2	

Analysis Batch: 27150

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25451-1	624-11	Total/NA	Water	2540C	
885-25451-2	624-01	Total/NA	Water	2540C	
885-25451-3	624-02	Total/NA	Water	2540C	
MB 885-27150/1	Method Blank	Total/NA	Water	2540C	
LCS 885-27150/2	Lab Control Sample	Total/NA	Water	2540C	
885-25451-1 DU	624-11	Total/NA	Water	2540C	

Analysis Batch: 27194

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25451-1	624-11	Total/NA	Water	351.2	27048
885-25451-2	624-01	Total/NA	Water	351.2	27048
885-25451-3	624-02	Total/NA	Water	351.2	27048
MB 885-27048/3-A	Method Blank	Total/NA	Water	351.2	27048
LCS 885-27048/5-A	Lab Control Sample	Total/NA	Water	351.2	27048
MRL 885-27048/4-A	Lab Control Sample	Total/NA	Water	351.2	27048
885-25451-1 MS	624-11	Total/NA	Water	351.2	27048

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QC Association Summary

Client: EA Engineering
Project/Site: Dominguez Dairy 1

Job ID: 885-25451-1

General Chemistry (Continued)

Analysis Batch: 27194 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25451-1 MSD	624-11	Total/NA	Water	351.2	27048

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Lab Chronicle

Client: EA Engineering
Project/Site: Dominguez Dairy 1

Job ID: 885-25451-1

Client Sample ID: 624-11

Lab Sample ID: 885-25451-1

Date Collected: 05/22/25 10:03

Matrix: Water

Date Received: 05/23/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	26821	RC	EET ALB	05/23/25 14:12
Total/NA	Analysis	300.0		100	26820	RC	EET ALB	05/23/25 14:22
Total/NA	Analysis	2540C		1	27150	HR	EET ALB	05/29/25 09:47
Total/NA	Prep	351.2			27048	EH	EET ALB	05/28/25 10:58
Total/NA	Analysis	351.2		1	27194	EH	EET ALB	05/29/25 14:36

Client Sample ID: 624-01

Lab Sample ID: 885-25451-2

Date Collected: 05/22/25 12:17

Matrix: Water

Date Received: 05/23/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	26821	RC	EET ALB	05/23/25 14:32
Total/NA	Analysis	300.0		100	26820	RC	EET ALB	05/23/25 14:42
Total/NA	Analysis	2540C		1	27150	HR	EET ALB	05/29/25 09:47
Total/NA	Prep	351.2			27048	EH	EET ALB	05/28/25 10:58
Total/NA	Analysis	351.2		1	27194	EH	EET ALB	05/29/25 14:33

Client Sample ID: 624-02

Lab Sample ID: 885-25451-3

Date Collected: 05/22/25 15:00

Matrix: Water

Date Received: 05/23/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	26821	RC	EET ALB	05/23/25 14:52
Total/NA	Analysis	300.0		100	26820	RC	EET ALB	05/23/25 15:02
Total/NA	Analysis	2540C		1	27150	HR	EET ALB	05/29/25 09:47
Total/NA	Prep	351.2			27048	EH	EET ALB	05/28/25 10:58
Total/NA	Analysis	351.2		1	27194	EH	EET ALB	05/29/25 14:34

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: EA Engineering
Project/Site: Dominguez Dairy 1

Job ID: 885-25451-1

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-27-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
2540C		Water	Total Dissolved Solids
300.0		Water	Chloride
300.0		Water	Nitrate
300.0		Water	Nitrite
351.2	351.2	Water	Nitrogen, Total Kjeldahl

Oregon	NELAP	NM100001	02-26-26
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The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
351.2	351.2	Water	Nitrogen, Total Kjeldahl

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109
www.hallenvironmental.com

Tel. 505-345-3975 Fax 505-345-4107

885-25451 COC



If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

- 1
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Login Sample Receipt Checklist

Client: EA Engineering

Job Number: 885-25451-1

Login Number: 25451

List Source: Eurofins Albuquerque

List Number: 1

Creator: Dominguez, Desiree

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	N/A	

ANALYTICAL REPORT

PREPARED FOR

Attn: Regina Mullen
EA Engineering
320 Gold Ave SW
Suite 1210
Albuquerque, New Mexico 87102

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JOB DESCRIPTION

Dominguez Dairy 1

JOB NUMBER

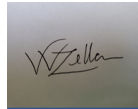
885-25702-1

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



Authorized for release by
Victoria Zellar, Project Manager
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Definitions/Glossary

Client: EA Engineering
Project/Site: Dominguez Dairy 1

Job ID: 885-25702-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EA Engineering
Project: Dominguez Dairy 1

Job ID: 885-25702-1

Job ID: 885-25702-1

Eurofins Albuquerque

Job Narrative 885-25702-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 5/29/2025 10:42 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.7°C.

HPLC/IC

Method 300_OF_48H_PREC: The following sample was diluted due to the nature of the sample matrix: 624-09 (885-25702-1). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Albuquerque

Client Sample Results

Client: EA Engineering
Project/Site: Dominguez Dairy 1

Job ID: 885-25702-1

Client Sample ID: 624-09

Lab Sample ID: 885-25702-1

Date Collected: 05/28/25 10:00

Matrix: Water

Date Received: 05/29/25 10:42

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	270		5.0	mg/L			05/29/25 17:02	10
Nitrate	ND		1.0	mg/L			05/29/25 17:02	10
Nitrite	ND		1.0	mg/L			05/29/25 17:02	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1500		250	mg/L			06/02/25 14:43	1
Nitrogen, Total Kjeldahl (EPA 351.2)	0.63		0.50	mg/L		06/02/25 16:41	06/05/25 16:42	1

Client Sample Results

Client: EA Engineering
Project/Site: Dominguez Dairy 1

Job ID: 885-25702-1

Client Sample ID: 624-10

Lab Sample ID: 885-25702-2

Date Collected: 05/28/25 11:25

Matrix: Water

Date Received: 05/29/25 10:42

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	790		5.0	mg/L			05/29/25 17:28	10
Nitrate	1.5		1.0	mg/L			05/29/25 17:28	10
Nitrite	ND		1.0	mg/L			05/29/25 17:28	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3500		100	mg/L			06/02/25 14:43	1
Nitrogen, Total Kjeldahl (EPA 351.2)	0.91		0.50	mg/L		06/02/25 16:41	06/05/25 16:47	1

QC Sample Results

Client: EA Engineering
Project/Site: Dominguez Dairy 1

Job ID: 885-25702-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-27129/4

Matrix: Water

Analysis Batch: 27129

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	mg/L			05/29/25 09:25	1

Lab Sample ID: LCS 885-27129/5

Matrix: Water

Analysis Batch: 27129

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.00	5.11		mg/L		102	90 - 110

Lab Sample ID: MRL 885-27129/3

Matrix: Water

Analysis Batch: 27129

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.536		mg/L		107	50 - 150

Lab Sample ID: MB 885-27130/4

Matrix: Water

Analysis Batch: 27130

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate	ND		0.10	mg/L			05/29/25 09:25	1
Nitrite	ND		0.10	mg/L			05/29/25 09:25	1

Lab Sample ID: LCS 885-27130/5

Matrix: Water

Analysis Batch: 27130

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	2.50	2.58		mg/L		103	90 - 110
Nitrite	1.00	0.977		mg/L		98	90 - 110

Lab Sample ID: MRL 885-27130/3

Matrix: Water

Analysis Batch: 27130

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	0.100	0.105		mg/L		105	50 - 150
Nitrite	0.100	0.104		mg/L		104	50 - 150

Lab Sample ID: 885-25702-2 MS

Matrix: Water

Analysis Batch: 27130

Client Sample ID: 624-10

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	1.5		25.0	28.0		mg/L		106	80 - 120
Nitrite	ND		10.0	8.57		mg/L		86	80 - 120

Eurofins Albuquerque

QC Sample Results

Client: EA Engineering
Project/Site: Dominguez Dairy 1

Job ID: 885-25702-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 885-25702-2 MSD

Matrix: Water

Analysis Batch: 27130

Client Sample ID: 624-10

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate	1.5		25.0	28.0		mg/L		106	80 - 120	0	20
Nitrite	ND		10.0	8.64		mg/L		86	80 - 120	1	20

Method: 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 885-27386/1

Matrix: Water

Analysis Batch: 27386

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		50	mg/L			06/02/25 14:43	1

Lab Sample ID: LCS 885-27386/2

Matrix: Water

Analysis Batch: 27386

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	1000		mg/L		100	80 - 120

Method: 351.2 - Nitrogen, Total Kjeldahl

Lab Sample ID: MB 885-27406/3-A

Matrix: Water

Analysis Batch: 27727

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 27406

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Total Kjeldahl	ND		0.50	mg/L		06/02/25 16:41	06/05/25 16:15	1

Lab Sample ID: LCS 885-27406/5-A

Matrix: Water

Analysis Batch: 27727

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27406

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	10.0	10.0		mg/L		100	90 - 110

Lab Sample ID: MRL 885-27406/4-A

Matrix: Water

Analysis Batch: 27727

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27406

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	0.500	ND		mg/L		97	50 - 150

Lab Sample ID: 885-25702-1 MS

Matrix: Water

Analysis Batch: 27727

Client Sample ID: 624-09

Prep Type: Total/NA

Prep Batch: 27406

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	0.63		10.0	10.8		mg/L		102	90 - 110

Eurofins Albuquerque

QC Sample Results

Client: EA Engineering
Project/Site: Dominguez Dairy 1

Job ID: 885-25702-1

Method: 351.2 - Nitrogen, Total Kjeldahl (Continued)

Lab Sample ID: 885-25702-1 MSD							Client Sample ID: 624-09					
Matrix: Water							Prep Type: Total/NA					
Analysis Batch: 27727							Prep Batch: 27406					
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit	
Nitrogen, Total Kjeldahl	0.63		10.0	11.2		mg/L		106	90 - 110	4	20	

QC Association Summary

Client: EA Engineering
Project/Site: Dominguez Dairy 1

Job ID: 885-25702-1

HPLC/IC

Analysis Batch: 27129

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25702-1	624-09	Total/NA	Water	300.0	
885-25702-2	624-10	Total/NA	Water	300.0	
MB 885-27129/4	Method Blank	Total/NA	Water	300.0	
LCS 885-27129/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-27129/3	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 27130

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25702-1	624-09	Total/NA	Water	300.0	
885-25702-2	624-10	Total/NA	Water	300.0	
MB 885-27130/4	Method Blank	Total/NA	Water	300.0	
LCS 885-27130/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-27130/3	Lab Control Sample	Total/NA	Water	300.0	
885-25702-2 MS	624-10	Total/NA	Water	300.0	
885-25702-2 MSD	624-10	Total/NA	Water	300.0	

General Chemistry

Analysis Batch: 27386

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25702-1	624-09	Total/NA	Water	2540C	
885-25702-2	624-10	Total/NA	Water	2540C	
MB 885-27386/1	Method Blank	Total/NA	Water	2540C	
LCS 885-27386/2	Lab Control Sample	Total/NA	Water	2540C	

Prep Batch: 27406

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25702-1	624-09	Total/NA	Water	351.2	
885-25702-2	624-10	Total/NA	Water	351.2	
MB 885-27406/3-A	Method Blank	Total/NA	Water	351.2	
LCS 885-27406/5-A	Lab Control Sample	Total/NA	Water	351.2	
MRL 885-27406/4-A	Lab Control Sample	Total/NA	Water	351.2	
885-25702-1 MS	624-09	Total/NA	Water	351.2	
885-25702-1 MSD	624-09	Total/NA	Water	351.2	

Analysis Batch: 27727

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25702-1	624-09	Total/NA	Water	351.2	27406
885-25702-2	624-10	Total/NA	Water	351.2	27406
MB 885-27406/3-A	Method Blank	Total/NA	Water	351.2	27406
LCS 885-27406/5-A	Lab Control Sample	Total/NA	Water	351.2	27406
MRL 885-27406/4-A	Lab Control Sample	Total/NA	Water	351.2	27406
885-25702-1 MS	624-09	Total/NA	Water	351.2	27406
885-25702-1 MSD	624-09	Total/NA	Water	351.2	27406

Lab Chronicle

Client: EA Engineering
Project/Site: Dominguez Dairy 1

Job ID: 885-25702-1

Client Sample ID: 624-09
Date Collected: 05/28/25 10:00
Date Received: 05/29/25 10:42

Lab Sample ID: 885-25702-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	27129	RC	EET ALB	05/29/25 17:02
Total/NA	Analysis	300.0		10	27130	RC	EET ALB	05/29/25 17:02
Total/NA	Analysis	2540C		1	27386	HR	EET ALB	06/02/25 14:43
Total/NA	Prep	351.2			27406	EH	EET ALB	06/02/25 16:41
Total/NA	Analysis	351.2		1	27727	EH	EET ALB	06/05/25 16:42

Client Sample ID: 624-10
Date Collected: 05/28/25 11:25
Date Received: 05/29/25 10:42

Lab Sample ID: 885-25702-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	27129	RC	EET ALB	05/29/25 17:28
Total/NA	Analysis	300.0		10	27130	RC	EET ALB	05/29/25 17:28
Total/NA	Analysis	2540C		1	27386	HR	EET ALB	06/02/25 14:43
Total/NA	Prep	351.2			27406	EH	EET ALB	06/02/25 16:41
Total/NA	Analysis	351.2		1	27727	EH	EET ALB	06/05/25 16:47

Laboratory References:
EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: EA Engineering
Project/Site: Dominguez Dairy 1

Job ID: 885-25702-1

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-27-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
2540C		Water	Total Dissolved Solids
300.0		Water	Chloride
300.0		Water	Nitrate
300.0		Water	Nitrite
351.2	351.2	Water	Nitrogen, Total Kjeldahl

Oregon	NELAP	NM100001	02-26-26
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The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
351.2	351.2	Water	Nitrogen, Total Kjeldahl

HALL ENVIRONMETICS ANALYSIS LABORATORY



www.hallenvironmental.com

885-25702 COC

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

[illegible]

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Login Sample Receipt Checklist

Client: EA Engineering

Job Number: 885-25702-1

Login Number: 25702

List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	N/A	

ANALYTICAL REPORT

PREPARED FOR

Attn: Regina Mullen
EA Engineering
320 Gold Ave SW
Suite 1210
Albuquerque, New Mexico 87102

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JOB DESCRIPTION

Dominguez Dairy 2

JOB NUMBER

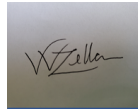
885-25382-1

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



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Authorized for release by
Victoria Zellar, Project Manager
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Definitions/Glossary

Client: EA Engineering
Project/Site: Dominguez Dairy 2

Job ID: 885-25382-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EA Engineering
Project: Dominguez Dairy 2

Job ID: 885-25382-1

Job ID: 885-25382-1

Eurofins Albuquerque

Job Narrative 885-25382-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 5/22/2025 9:10 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.3°C.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

Method 351.2: The following samples were diluted due to the nature of the sample matrix: 42-13 (885-25382-1) and 42-06 (885-25382-2). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Albuquerque

Client Sample Results

Client: EA Engineering
Project/Site: Dominguez Dairy 2

Job ID: 885-25382-1

Client Sample ID: 42-13

Date Collected: 05/21/25 10:25

Date Received: 05/22/25 09:10

Lab Sample ID: 885-25382-1

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	320		50	mg/L			05/22/25 15:31	100
Nitrate	52		1.0	mg/L			05/22/25 15:17	10
Nitrite	ND		1.0	mg/L			05/22/25 15:17	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2200		100	mg/L			05/23/25 13:55	1
Nitrogen, Total Kjeldahl (EPA 351.2)	ND		2.5	mg/L		05/23/25 10:33	05/27/25 13:03	1

Client Sample Results

Client: EA Engineering
Project/Site: Dominguez Dairy 2

Job ID: 885-25382-1

Client Sample ID: 42-06

Date Collected: 05/21/25 11:45

Date Received: 05/22/25 09:10

Lab Sample ID: 885-25382-2

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	310		50	mg/L			05/22/25 16:27	100
Nitrate	47		1.0	mg/L			05/22/25 15:45	10
Nitrite	ND		1.0	mg/L			05/22/25 15:45	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2200		100	mg/L			05/23/25 13:55	1
Nitrogen, Total Kjeldahl (EPA 351.2)	ND		2.5	mg/L		05/23/25 10:33	05/27/25 13:04	1

Client Sample Results

Client: EA Engineering
Project/Site: Dominguez Dairy 2

Job ID: 885-25382-1

Client Sample ID: 42-08

Date Collected: 05/21/25 12:58

Date Received: 05/22/25 09:10

Lab Sample ID: 885-25382-3

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	570		50	mg/L			05/22/25 16:56	100
Nitrate	4.7		1.0	mg/L			05/22/25 16:42	10
Nitrite	ND		1.0	mg/L			05/22/25 16:42	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2900		100	mg/L			05/23/25 13:55	1
Nitrogen, Total Kjeldahl (EPA 351.2)	0.90		0.50	mg/L		05/23/25 10:33	05/27/25 13:09	1

Client Sample Results

Client: EA Engineering
Project/Site: Dominguez Dairy 2

Job ID: 885-25382-1

Client Sample ID: 42-02

Date Collected: 05/21/25 15:20

Date Received: 05/22/25 09:10

Lab Sample ID: 885-25382-4

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	570		50	mg/L			05/22/25 17:24	100
Nitrate	5.2		1.0	mg/L			05/22/25 17:10	10
Nitrite	ND		1.0	mg/L			05/22/25 17:10	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2800		100	mg/L			05/23/25 13:55	1
Nitrogen, Total Kjeldahl (EPA 351.2)	0.88		0.50	mg/L		05/23/25 10:33	05/27/25 13:10	1

QC Sample Results

Client: EA Engineering
Project/Site: Dominguez Dairy 2

Job ID: 885-25382-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-26767/4

Matrix: Water

Analysis Batch: 26767

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	mg/L			05/22/25 12:55	1

Lab Sample ID: LCS 885-26767/5

Matrix: Water

Analysis Batch: 26767

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.00	4.79		mg/L		96	90 - 110

Lab Sample ID: MRL 885-26767/3

Matrix: Water

Analysis Batch: 26767

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.533		mg/L		107	50 - 150

Lab Sample ID: MB 885-26768/4

Matrix: Water

Analysis Batch: 26768

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate	ND		0.10	mg/L			05/22/25 12:55	1
Nitrite	ND		0.10	mg/L			05/22/25 12:55	1

Lab Sample ID: LCS 885-26768/5

Matrix: Water

Analysis Batch: 26768

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	2.50	2.53		mg/L		101	90 - 110
Nitrite	1.00	0.939		mg/L		94	90 - 110

Lab Sample ID: MRL 885-26768/3

Matrix: Water

Analysis Batch: 26768

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	0.100	0.103		mg/L		103	50 - 150
Nitrite	0.100	0.101		mg/L		101	50 - 150

Lab Sample ID: 885-25382-2 MS

Matrix: Water

Analysis Batch: 26768

Client Sample ID: 42-06

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrite	ND		10.0	8.60		mg/L		86	80 - 120

Eurofins Albuquerque

QC Sample Results

Client: EA Engineering
Project/Site: Dominguez Dairy 2

Job ID: 885-25382-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 885-25382-2 MSD

Matrix: Water

Analysis Batch: 26768

Client Sample ID: 42-06

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrite	ND		10.0	8.58		mg/L		86	80 - 120	0	20

Method: 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 885-26861/1

Matrix: Water

Analysis Batch: 26861

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		50	mg/L			05/23/25 10:39	1

Lab Sample ID: LCS 885-26861/2

Matrix: Water

Analysis Batch: 26861

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	1000		mg/L		100	80 - 120

Lab Sample ID: 885-25382-4 DU

Matrix: Water

Analysis Batch: 26861

Client Sample ID: 42-02

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	2800		2790		mg/L		2	10

Method: 351.2 - Nitrogen, Total Kjeldahl

Lab Sample ID: MRL 885-26775/2-A

Matrix: Water

Analysis Batch: 26985

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 26775

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	0.500	0.540		mg/L		108	50 - 150

Lab Sample ID: MB 885-26859/3-A

Matrix: Water

Analysis Batch: 26985

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 26859

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Total Kjeldahl	ND		0.50	mg/L		05/23/25 10:33	05/27/25 12:33	1

Lab Sample ID: LCS 885-26859/5-A

Matrix: Water

Analysis Batch: 26985

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 26859

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	10.0	9.21		mg/L		92	90 - 110

Eurofins Albuquerque

QC Sample Results

Client: EA Engineering
Project/Site: Dominguez Dairy 2

Job ID: 885-25382-1

Method: 351.2 - Nitrogen, Total Kjeldahl (Continued)

Lab Sample ID: MRL 885-26859/4-A				Client Sample ID: Lab Control Sample			
Matrix: Water				Prep Type: Total/NA			
Analysis Batch: 26985				Prep Batch: 26859			
Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	0.500	0.601		mg/L		120	50 - 150

QC Association Summary

Client: EA Engineering
Project/Site: Dominguez Dairy 2

Job ID: 885-25382-1

HPLC/IC

Analysis Batch: 26767

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25382-1	42-13	Total/NA	Water	300.0	
885-25382-2	42-06	Total/NA	Water	300.0	
885-25382-3	42-08	Total/NA	Water	300.0	
885-25382-4	42-02	Total/NA	Water	300.0	
MB 885-26767/4	Method Blank	Total/NA	Water	300.0	
LCS 885-26767/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-26767/3	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 26768

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25382-1	42-13	Total/NA	Water	300.0	
885-25382-2	42-06	Total/NA	Water	300.0	
885-25382-3	42-08	Total/NA	Water	300.0	
885-25382-4	42-02	Total/NA	Water	300.0	
MB 885-26768/4	Method Blank	Total/NA	Water	300.0	
LCS 885-26768/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-26768/3	Lab Control Sample	Total/NA	Water	300.0	
885-25382-2 MS	42-06	Total/NA	Water	300.0	
885-25382-2 MSD	42-06	Total/NA	Water	300.0	

General Chemistry

Prep Batch: 26775

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MRL 885-26775/2-A	Lab Control Sample	Total/NA	Water	351.2	

Prep Batch: 26859

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25382-1	42-13	Total/NA	Water	351.2	
885-25382-2	42-06	Total/NA	Water	351.2	
885-25382-3	42-08	Total/NA	Water	351.2	
885-25382-4	42-02	Total/NA	Water	351.2	
MB 885-26859/3-A	Method Blank	Total/NA	Water	351.2	
LCS 885-26859/5-A	Lab Control Sample	Total/NA	Water	351.2	
MRL 885-26859/4-A	Lab Control Sample	Total/NA	Water	351.2	

Analysis Batch: 26861

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25382-1	42-13	Total/NA	Water	2540C	
885-25382-2	42-06	Total/NA	Water	2540C	
885-25382-3	42-08	Total/NA	Water	2540C	
885-25382-4	42-02	Total/NA	Water	2540C	
MB 885-26861/1	Method Blank	Total/NA	Water	2540C	
LCS 885-26861/2	Lab Control Sample	Total/NA	Water	2540C	
885-25382-4 DU	42-02	Total/NA	Water	2540C	

Analysis Batch: 26985

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25382-1	42-13	Total/NA	Water	351.2	26859
885-25382-2	42-06	Total/NA	Water	351.2	26859
885-25382-3	42-08	Total/NA	Water	351.2	26859

Eurofins Albuquerque

QC Association Summary

Client: EA Engineering
Project/Site: Dominguez Dairy 2

Job ID: 885-25382-1

General Chemistry (Continued)

Analysis Batch: 26985 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25382-4	42-02	Total/NA	Water	351.2	26859
MB 885-26859/3-A	Method Blank	Total/NA	Water	351.2	26859
LCS 885-26859/5-A	Lab Control Sample	Total/NA	Water	351.2	26859
MRL 885-26775/2-A	Lab Control Sample	Total/NA	Water	351.2	26775
MRL 885-26859/4-A	Lab Control Sample	Total/NA	Water	351.2	26859

Lab Chronicle

Client: EA Engineering
Project/Site: Dominguez Dairy 2

Job ID: 885-25382-1

Client Sample ID: 42-13

Date Collected: 05/21/25 10:25

Date Received: 05/22/25 09:10

Lab Sample ID: 885-25382-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	26768	ES	EET ALB	05/22/25 15:17
Total/NA	Analysis	300.0		100	26767	ES	EET ALB	05/22/25 15:31
Total/NA	Analysis	2540C		1	26861	HR	EET ALB	05/23/25 13:55
Total/NA	Prep	351.2			26859	EH	EET ALB	05/23/25 10:33
Total/NA	Analysis	351.2		1	26985	EH	EET ALB	05/27/25 13:03

Client Sample ID: 42-06

Date Collected: 05/21/25 11:45

Date Received: 05/22/25 09:10

Lab Sample ID: 885-25382-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	26768	ES	EET ALB	05/22/25 15:45
Total/NA	Analysis	300.0		100	26767	ES	EET ALB	05/22/25 16:27
Total/NA	Analysis	2540C		1	26861	HR	EET ALB	05/23/25 13:55
Total/NA	Prep	351.2			26859	EH	EET ALB	05/23/25 10:33
Total/NA	Analysis	351.2		1	26985	EH	EET ALB	05/27/25 13:04

Client Sample ID: 42-08

Date Collected: 05/21/25 12:58

Date Received: 05/22/25 09:10

Lab Sample ID: 885-25382-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	26768	ES	EET ALB	05/22/25 16:42
Total/NA	Analysis	300.0		100	26767	ES	EET ALB	05/22/25 16:56
Total/NA	Analysis	2540C		1	26861	HR	EET ALB	05/23/25 13:55
Total/NA	Prep	351.2			26859	EH	EET ALB	05/23/25 10:33
Total/NA	Analysis	351.2		1	26985	EH	EET ALB	05/27/25 13:09

Client Sample ID: 42-02

Date Collected: 05/21/25 15:20

Date Received: 05/22/25 09:10

Lab Sample ID: 885-25382-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	26768	ES	EET ALB	05/22/25 17:10
Total/NA	Analysis	300.0		100	26767	ES	EET ALB	05/22/25 17:24
Total/NA	Analysis	2540C		1	26861	HR	EET ALB	05/23/25 13:55
Total/NA	Prep	351.2			26859	EH	EET ALB	05/23/25 10:33
Total/NA	Analysis	351.2		1	26985	EH	EET ALB	05/27/25 13:10

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Eurofins Albuquerque

Accreditation/Certification Summary

Client: EA Engineering
Project/Site: Dominguez Dairy 2

Job ID: 885-25382-1

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-27-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
2540C		Water	Total Dissolved Solids
300.0		Water	Chloride
300.0		Water	Nitrate
300.0		Water	Nitrite
351.2	351.2	Water	Nitrogen, Total Kjeldahl

Oregon	NELAP	NM100001	02-26-26
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The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
351.2	351.2	Water	Nitrogen, Total Kjeldahl

Login Sample Receipt Checklist

Client: EA Engineering

Job Number: 885-25382-1

Login Number: 25382

List Source: Eurofins Albuquerque

List Number: 1

Creator: Alderette, Joseph

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	N/A	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	N/A	

ANALYTICAL REPORT

PREPARED FOR

Attn: Regina Mullen
EA Engineering
320 Gold Ave SW
Suite 1210
Albuquerque, New Mexico 87102

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JOB DESCRIPTION

Big Sky Dairy

JOB NUMBER

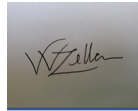
885-27588-1

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



Authorized for release by
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Definitions/Glossary

Client: EA Engineering
Project/Site: Big Sky Dairy

Job ID: 885-27588-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EA Engineering
Project: Big Sky Dairy

Job ID: 885-27588-1

Job ID: 885-27588-1

Eurofins Albuquerque

Job Narrative 885-27588-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The sample was received on 6/26/2025 9:45 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.5°C.

Receipt Exceptions

The following sample was received with insufficient preservation: 833-Lagoon (885-27588-1). Sample pH < 2

HPLC/IC

Method 300_OF_48H_PREC: The following sample was diluted due to the nature of the sample matrix: 833-Lagoon (885-27588-1). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Albuquerque

Client Sample Results

Client: EA Engineering
Project/Site: Big Sky Dairy

Job ID: 885-27588-1

Client Sample ID: 833-Lagoon

Lab Sample ID: 885-27588-1

Date Collected: 06/25/25 13:05

Matrix: Water

Date Received: 06/26/25 09:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	820		10	mg/L			06/27/25 00:41	20
Nitrate	ND		2.0	mg/L			06/27/25 00:41	20
Nitrite	ND		2.0	mg/L			06/27/25 00:41	20

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfur	71		10	mg/L		06/30/25 07:41	07/01/25 13:11	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	6900		5000	mg/L			07/01/25 12:46	1
Nitrogen, Total Kjeldahl (EPA 351.2)	1100		50	mg/L		06/26/25 15:50	06/27/25 14:51	2

QC Sample Results

Client: EA Engineering
Project/Site: Big Sky Dairy

Job ID: 885-27588-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-29039/115

Matrix: Water

Analysis Batch: 29039

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	mg/L			06/27/25 02:45	1

Lab Sample ID: MB 885-29039/4

Matrix: Water

Analysis Batch: 29039

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	mg/L			06/26/25 07:36	1

Lab Sample ID: LCS 885-29039/5

Matrix: Water

Analysis Batch: 29039

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.00	4.93		mg/L		99	90 - 110

Lab Sample ID: LCS 885-29039/59

Matrix: Water

Analysis Batch: 29039

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.00	5.06		mg/L		101	90 - 110

Lab Sample ID: MRL 885-29039/3

Matrix: Water

Analysis Batch: 29039

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.521		mg/L		104	50 - 150

Lab Sample ID: MB 885-29042/115

Matrix: Water

Analysis Batch: 29042

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate	ND		0.10	mg/L			06/27/25 02:45	1
Nitrite	ND		0.10	mg/L			06/27/25 02:45	1

Lab Sample ID: MB 885-29042/4

Matrix: Water

Analysis Batch: 29042

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate	ND		0.10	mg/L			06/26/25 07:36	1
Nitrite	ND		0.10	mg/L			06/26/25 07:36	1

Eurofins Albuquerque

QC Sample Results

Client: EA Engineering
Project/Site: Big Sky Dairy

Job ID: 885-27588-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-29042/5

Matrix: Water

Analysis Batch: 29042

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	2.50	2.58		mg/L		103	90 - 110
Nitrite	1.00	0.943		mg/L		94	90 - 110

Lab Sample ID: LCS 885-29042/59

Matrix: Water

Analysis Batch: 29042

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	2.50	2.64		mg/L		106	90 - 110
Nitrite	1.00	0.953		mg/L		95	90 - 110

Lab Sample ID: MRL 885-29042/3

Matrix: Water

Analysis Batch: 29042

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	0.100	0.0937	J	mg/L		94	50 - 150
Nitrite	0.100	0.0852	J	mg/L		85	50 - 150

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MRL 885-29456/16

Matrix: Water

Analysis Batch: 29456

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Sulfur	1.00	ND		mg/L		94	50 - 150

Lab Sample ID: MB 885-29240/1-A

Matrix: Water

Analysis Batch: 29456

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 29240

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfur	ND		1.0	mg/L		06/30/25 07:41	07/01/25 11:49	1

Lab Sample ID: LCS 885-29240/7-A

Matrix: Water

Analysis Batch: 29456

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 29240

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfur	50.0	46.7		mg/L		93	85 - 115

Lab Sample ID: LCSD 885-29240/8-A

Matrix: Water

Analysis Batch: 29456

Client Sample ID: Lab Control Sample Dup

Prep Type: Total Recoverable

Prep Batch: 29240

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfur	50.0	46.4		mg/L		93	85 - 115	1	20

Eurofins Albuquerque

QC Sample Results

Client: EA Engineering
Project/Site: Big Sky Dairy

Job ID: 885-27588-1

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Lab Sample ID: LLCS 885-29240/6-A

Matrix: Water

Analysis Batch: 29456

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 29240

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfur	1.00	ND		mg/L		95	50 - 150

Method: 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 885-29363/1

Matrix: Water

Analysis Batch: 29363

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		50	mg/L			07/01/25 12:46	1

Lab Sample ID: LCS 885-29363/2

Matrix: Water

Analysis Batch: 29363

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	1020		mg/L		102	80 - 120

Method: 351.2 - Nitrogen, Total Kjeldahl

Lab Sample ID: MRL 885-29099/4-A

Matrix: Water

Analysis Batch: 29197

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 29099

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	0.500	ND		mg/L		89	50 - 150

Lab Sample ID: MB 885-29100/1-A

Matrix: Water

Analysis Batch: 29197

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 29100

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Total Kjeldahl	ND		0.50	mg/L		06/26/25 15:50	06/27/25 14:30	1

Lab Sample ID: LCS 885-29100/3-A

Matrix: Water

Analysis Batch: 29197

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 29100

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	10.0	9.90		mg/L		99	90 - 110

Lab Sample ID: MRL 885-29100/2-A

Matrix: Water

Analysis Batch: 29197

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 29100

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	0.500	ND		mg/L		94	50 - 150

Eurofins Albuquerque

QC Association Summary

Client: EA Engineering
Project/Site: Big Sky Dairy

Job ID: 885-27588-1

HPLC/IC

Analysis Batch: 29039

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27588-1	833-Lagoon	Total/NA	Water	300.0	
MB 885-29039/115	Method Blank	Total/NA	Water	300.0	
MB 885-29039/4	Method Blank	Total/NA	Water	300.0	
LCS 885-29039/5	Lab Control Sample	Total/NA	Water	300.0	
LCS 885-29039/59	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-29039/3	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 29042

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27588-1	833-Lagoon	Total/NA	Water	300.0	
MB 885-29042/115	Method Blank	Total/NA	Water	300.0	
MB 885-29042/4	Method Blank	Total/NA	Water	300.0	
LCS 885-29042/5	Lab Control Sample	Total/NA	Water	300.0	
LCS 885-29042/59	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-29042/3	Lab Control Sample	Total/NA	Water	300.0	

Metals

Prep Batch: 29240

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27588-1	833-Lagoon	Total Recoverable	Water	200.2	
MB 885-29240/1-A	Method Blank	Total Recoverable	Water	200.2	
LCS 885-29240/7-A	Lab Control Sample	Total Recoverable	Water	200.2	
LCSD 885-29240/8-A	Lab Control Sample Dup	Total Recoverable	Water	200.2	
LLCS 885-29240/6-A	Lab Control Sample	Total Recoverable	Water	200.2	

Analysis Batch: 29456

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27588-1	833-Lagoon	Total Recoverable	Water	200.7 Rev 4.4	29240
MB 885-29240/1-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	29240
LCS 885-29240/7-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	29240
LCSD 885-29240/8-A	Lab Control Sample Dup	Total Recoverable	Water	200.7 Rev 4.4	29240
LLCS 885-29240/6-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	29240
MRL 885-29456/16	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	

General Chemistry

Prep Batch: 29099

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MRL 885-29099/4-A	Lab Control Sample	Total/NA	Water	351.2	

Prep Batch: 29100

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27588-1	833-Lagoon	Total/NA	Water	351.2	
MB 885-29100/1-A	Method Blank	Total/NA	Water	351.2	
LCS 885-29100/3-A	Lab Control Sample	Total/NA	Water	351.2	
MRL 885-29100/2-A	Lab Control Sample	Total/NA	Water	351.2	

Analysis Batch: 29197

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27588-1	833-Lagoon	Total/NA	Water	351.2	29100
MB 885-29100/1-A	Method Blank	Total/NA	Water	351.2	29100

Eurofins Albuquerque

QC Association Summary

Client: EA Engineering
Project/Site: Big Sky Dairy

Job ID: 885-27588-1

General Chemistry (Continued)

Analysis Batch: 29197 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 885-29100/3-A	Lab Control Sample	Total/NA	Water	351.2	29100
MRL 885-29099/4-A	Lab Control Sample	Total/NA	Water	351.2	29099
MRL 885-29100/2-A	Lab Control Sample	Total/NA	Water	351.2	29100

Analysis Batch: 29363

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27588-1	833-Lagoon	Total/NA	Water	2540C	
MB 885-29363/1	Method Blank	Total/NA	Water	2540C	
LCS 885-29363/2	Lab Control Sample	Total/NA	Water	2540C	

Lab Chronicle

Client: EA Engineering
Project/Site: Big Sky Dairy

Job ID: 885-27588-1

Client Sample ID: 833-Lagoon

Lab Sample ID: 885-27588-1

Date Collected: 06/25/25 13:05

Matrix: Water

Date Received: 06/26/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		20	29039	JT	EET ALB	06/27/25 00:41
Total/NA	Analysis	300.0		20	29042	JT	EET ALB	06/27/25 00:41
Total Recoverable	Prep	200.2			29240	VP	EET ALB	06/30/25 07:41
Total Recoverable	Analysis	200.7 Rev 4.4		1	29456	JR	EET ALB	07/01/25 13:11
Total/NA	Analysis	2540C		1	29363	KB	EET ALB	07/01/25 12:46
Total/NA	Prep	351.2			29100	EH	EET ALB	06/26/25 15:50
Total/NA	Analysis	351.2		2	29197	EH	EET ALB	06/27/25 14:51

Laboratory References:
EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: EA Engineering
Project/Site: Big Sky Dairy

Job ID: 885-27588-1

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-27-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
200.7 Rev 4.4	200.2	Water	Sulfur
2540C		Water	Total Dissolved Solids
300.0		Water	Chloride
300.0		Water	Nitrate
300.0		Water	Nitrite
351.2	351.2	Water	Nitrogen, Total Kjeldahl

Oregon	NELAP	NM100001	02-26-26
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The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
200.7 Rev 4.4	200.2	Water	Sulfur
351.2	351.2	Water	Nitrogen, Total Kjeldahl

Login Sample Receipt Checklist

Client: EA Engineering

Job Number: 885-27588-1

Login Number: 27588

List Source: Eurofins Albuquerque

List Number: 1

Creator: McQuiston, Steven

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

PREPARED FOR

Attn: Regina Mullen
EA Engineering
320 Gold Ave SW
Suite 1210
Albuquerque, New Mexico 87102

Generated 7/8/2025 6:34:49 AM

JOB DESCRIPTION

Mountain View Dairy

JOB NUMBER

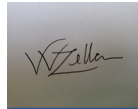
885-27592-1

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



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Authorized for release by
Victoria Zellar, Project Manager
Victoria.Zellar@et.eurofinsus.com
(505)345-3975



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Definitions/Glossary

Client: EA Engineering
Project/Site: Mountain View Dairy

Job ID: 885-27592-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EA Engineering
Project: Mountain View Dairy

Job ID: 885-27592-1

Job ID: 885-27592-1

Eurofins Albuquerque

Job Narrative 885-27592-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The sample was received on 6/26/2025 9:45 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.5°C.

Receipt Exceptions

The following sample was received with insufficient preservation: 70-Lagoon (885-27592-1). Sample pH < 2

HPLC/IC

Method 300_OF_48H_PREC: The following sample was diluted due to the nature of the sample matrix: 70-Lagoon (885-27592-1). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Albuquerque

Client Sample Results

Client: EA Engineering
Project/Site: Mountain View Dairy

Job ID: 885-27592-1

Client Sample ID: 70-Lagoon

Lab Sample ID: 885-27592-1

Date Collected: 06/25/25 15:35

Matrix: Water

Date Received: 06/26/25 09:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1500		10	mg/L			06/26/25 20:22	20
Nitrate	ND		2.0	mg/L			06/26/25 20:22	20
Nitrite	ND		2.0	mg/L			06/26/25 20:22	20

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfur	87		1.0	mg/L		06/30/25 07:44	07/01/25 13:22	1

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	7700		500	mg/L			07/01/25 15:41	1
Nitrogen, Total Kjeldahl (EPA 351.2)	580		25	mg/L		06/30/25 11:37	07/01/25 14:08	2

QC Sample Results

Client: EA Engineering
Project/Site: Mountain View Dairy

Job ID: 885-27592-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-29039/115

Matrix: Water

Analysis Batch: 29039

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	mg/L			06/27/25 02:45	1

Lab Sample ID: MB 885-29039/4

Matrix: Water

Analysis Batch: 29039

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	mg/L			06/26/25 07:36	1

Lab Sample ID: LCS 885-29039/59

Matrix: Water

Analysis Batch: 29039

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.00	5.06		mg/L		101	90 - 110

Lab Sample ID: MRL 885-29039/3

Matrix: Water

Analysis Batch: 29039

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.521		mg/L		104	50 - 150

Lab Sample ID: MB 885-29042/115

Matrix: Water

Analysis Batch: 29042

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate	ND		0.10	mg/L			06/27/25 02:45	1
Nitrite	ND		0.10	mg/L			06/27/25 02:45	1

Lab Sample ID: MB 885-29042/4

Matrix: Water

Analysis Batch: 29042

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate	ND		0.10	mg/L			06/26/25 07:36	1
Nitrite	ND		0.10	mg/L			06/26/25 07:36	1

Lab Sample ID: LCS 885-29042/59

Matrix: Water

Analysis Batch: 29042

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	2.50	2.64		mg/L		106	90 - 110
Nitrite	1.00	0.953		mg/L		95	90 - 110

Eurofins Albuquerque

QC Sample Results

Client: EA Engineering
Project/Site: Mountain View Dairy

Job ID: 885-27592-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MRL 885-29042/3
Matrix: Water
Analysis Batch: 29042

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	0.100	0.0937	J	mg/L		94	50 - 150
Nitrite	0.100	0.0852	J	mg/L		85	50 - 150

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MRL 885-29456/16
Matrix: Water
Analysis Batch: 29456

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Sulfur	1.00	ND		mg/L		94	50 - 150

Lab Sample ID: MB 885-29240/1-A
Matrix: Water
Analysis Batch: 29456

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 29240

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfur	ND		1.0	mg/L		06/30/25 07:41	07/01/25 11:49	1

Lab Sample ID: LCS 885-29240/7-A
Matrix: Water
Analysis Batch: 29456

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 29240

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfur	50.0	46.7		mg/L		93	85 - 115

Lab Sample ID: LCSD 885-29240/8-A
Matrix: Water
Analysis Batch: 29456

Client Sample ID: Lab Control Sample Dup
Prep Type: Total Recoverable
Prep Batch: 29240

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfur	50.0	46.4		mg/L		93	85 - 115	1	20

Lab Sample ID: LLCS 885-29240/6-A
Matrix: Water
Analysis Batch: 29456

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 29240

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfur	1.00	ND		mg/L		95	50 - 150

Method: 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 885-29385/1
Matrix: Water
Analysis Batch: 29385

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		50	mg/L			07/01/25 15:41	1

Eurofins Albuquerque

QC Sample Results

Client: EA Engineering
Project/Site: Mountain View Dairy

Job ID: 885-27592-1

Method: 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: LCS 885-29385/2

Matrix: Water

Analysis Batch: 29385

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	974		mg/L		97	80 - 120

Method: 351.2 - Nitrogen, Total Kjeldahl

Lab Sample ID: MB 885-29270/3-A

Matrix: Water

Analysis Batch: 29370

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 29270

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Total Kjeldahl	ND		0.50	mg/L		06/30/25 11:37	07/01/25 11:17	1

Lab Sample ID: LCS 885-29270/5-A

Matrix: Water

Analysis Batch: 29370

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 29270

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	9.92	10.1		mg/L		102	90 - 110

Lab Sample ID: MRL 885-29270/4-A

Matrix: Water

Analysis Batch: 29370

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 29270

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	0.496	ND		mg/L		94	50 - 150

Lab Sample ID: MRL 885-29280/2-A

Matrix: Water

Analysis Batch: 29370

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 29280

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	0.496	0.508		mg/L		102	50 - 150

QC Association Summary

Client: EA Engineering
Project/Site: Mountain View Dairy

Job ID: 885-27592-1

HPLC/IC

Analysis Batch: 29039

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27592-1	70-Lagoon	Total/NA	Water	300.0	
MB 885-29039/115	Method Blank	Total/NA	Water	300.0	
MB 885-29039/4	Method Blank	Total/NA	Water	300.0	
LCS 885-29039/59	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-29039/3	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 29042

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27592-1	70-Lagoon	Total/NA	Water	300.0	
MB 885-29042/115	Method Blank	Total/NA	Water	300.0	
MB 885-29042/4	Method Blank	Total/NA	Water	300.0	
LCS 885-29042/59	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-29042/3	Lab Control Sample	Total/NA	Water	300.0	

Metals

Prep Batch: 29240

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27592-1	70-Lagoon	Total Recoverable	Water	200.2	
MB 885-29240/1-A	Method Blank	Total Recoverable	Water	200.2	
LCS 885-29240/7-A	Lab Control Sample	Total Recoverable	Water	200.2	
LCSD 885-29240/8-A	Lab Control Sample Dup	Total Recoverable	Water	200.2	
LLCS 885-29240/6-A	Lab Control Sample	Total Recoverable	Water	200.2	

Analysis Batch: 29456

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27592-1	70-Lagoon	Total Recoverable	Water	200.7 Rev 4.4	29240
MB 885-29240/1-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	29240
LCS 885-29240/7-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	29240
LCSD 885-29240/8-A	Lab Control Sample Dup	Total Recoverable	Water	200.7 Rev 4.4	29240
LLCS 885-29240/6-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	29240
MRL 885-29456/16	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	

General Chemistry

Prep Batch: 29270

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27592-1	70-Lagoon	Total/NA	Water	351.2	
MB 885-29270/3-A	Method Blank	Total/NA	Water	351.2	
LCS 885-29270/5-A	Lab Control Sample	Total/NA	Water	351.2	
MRL 885-29270/4-A	Lab Control Sample	Total/NA	Water	351.2	

Prep Batch: 29280

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MRL 885-29280/2-A	Lab Control Sample	Total/NA	Water	351.2	

Analysis Batch: 29370

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27592-1	70-Lagoon	Total/NA	Water	351.2	29270
MB 885-29270/3-A	Method Blank	Total/NA	Water	351.2	29270
LCS 885-29270/5-A	Lab Control Sample	Total/NA	Water	351.2	29270
MRL 885-29270/4-A	Lab Control Sample	Total/NA	Water	351.2	29270

Eurofins Albuquerque

QC Association Summary

Client: EA Engineering
Project/Site: Mountain View Dairy

Job ID: 885-27592-1

General Chemistry (Continued)

Analysis Batch: 29370 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MRL 885-29280/2-A	Lab Control Sample	Total/NA	Water	351.2	29280

Analysis Batch: 29385

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27592-1	70-Lagoon	Total/NA	Water	2540C	
MB 885-29385/1	Method Blank	Total/NA	Water	2540C	
LCS 885-29385/2	Lab Control Sample	Total/NA	Water	2540C	

Lab Chronicle

Client: EA Engineering
Project/Site: Mountain View Dairy

Job ID: 885-27592-1

Client Sample ID: 70-Lagoon

Lab Sample ID: 885-27592-1

Date Collected: 06/25/25 15:35

Matrix: Water

Date Received: 06/26/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		20	29039	JT	EET ALB	06/26/25 20:22
Total/NA	Analysis	300.0		20	29042	JT	EET ALB	06/26/25 20:22
Total Recoverable	Prep	200.2			29240	VP	EET ALB	06/30/25 07:44
Total Recoverable	Analysis	200.7 Rev 4.4		1	29456	JR	EET ALB	07/01/25 13:22
Total/NA	Analysis	2540C		1	29385	HR	EET ALB	07/01/25 15:41
Total/NA	Prep	351.2			29270	EH	EET ALB	06/30/25 11:37
Total/NA	Analysis	351.2		2	29370	EH	EET ALB	07/01/25 14:08

Laboratory References:
EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: EA Engineering
Project/Site: Mountain View Dairy

Job ID: 885-27592-1

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-27-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
200.7 Rev 4.4	200.2	Water	Sulfur
2540C		Water	Total Dissolved Solids
300.0		Water	Chloride
300.0		Water	Nitrate
300.0		Water	Nitrite
351.2	351.2	Water	Nitrogen, Total Kjeldahl

Oregon	NELAP	NM100001	02-26-26
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The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
200.7 Rev 4.4	200.2	Water	Sulfur
351.2	351.2	Water	Nitrogen, Total Kjeldahl

Login Sample Receipt Checklist

Client: EA Engineering

Job Number: 885-27592-1

Login Number: 27592

List Source: Eurofins Albuquerque

List Number: 1

Creator: McQuiston, Steven

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

PREPARED FOR

Attn: Regina Mullen
EA Engineering
320 Gold Ave SW
Suite 1210
Albuquerque, New Mexico 87102

Generated 7/8/2025 6:34:16 AM

JOB DESCRIPTION

Sunset Dairy

JOB NUMBER

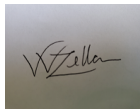
885-27589-1

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



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7/8/2025 6:34:16 AM

Authorized for release by
Victoria Zellar, Project Manager
Victoria.Zellar@et.eurofinsus.com
(505)345-3975



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Definitions/Glossary

Client: EA Engineering
Project/Site: Sunset Dairy

Job ID: 885-27589-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EA Engineering
Project: Sunset Dairy

Job ID: 885-27589-1

Job ID: 885-27589-1

Eurofins Albuquerque

Job Narrative 885-27589-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The sample was received on 6/26/2025 9:45 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.5°C.

HPLC/IC

Method 300_OF_48H_PREC: The following sample was diluted due to the nature of the sample matrix: 257-Lagoon (885-27589-1). Elevated reporting limits (RLs) are provided.

Method 300_OF_48H_PREC: Reanalysis of the following sample was performed outside of the analytical holding time due to matrix interference and carry over peaks in the initial run: 257-Lagoon (885-27589-1).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: EA Engineering
Project/Site: Sunset Dairy

Job ID: 885-27589-1

Client Sample ID: 257-Lagoon

Lab Sample ID: 885-27589-1

Date Collected: 06/25/25 14:15

Matrix: Water

Date Received: 06/26/25 09:45

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1000		10	mg/L			06/26/25 20:01	20
Nitrate	ND	H	2.0	mg/L			07/02/25 20:14	20
Nitrite	ND		2.0	mg/L			06/26/25 20:01	20

Method: EPA 200.7 Rev 4.4 - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfur	130		5.0	mg/L		06/30/25 07:41	07/01/25 13:15	5

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	6400		500	mg/L			07/01/25 15:41	1
Nitrogen, Total Kjeldahl (EPA 351.2)	400		13	mg/L		06/30/25 11:37	07/01/25 11:36	1

QC Sample Results

Client: EA Engineering
Project/Site: Sunset Dairy

Job ID: 885-27589-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-29039/115

Matrix: Water

Analysis Batch: 29039

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	mg/L			06/27/25 02:45	1

Lab Sample ID: MB 885-29039/4

Matrix: Water

Analysis Batch: 29039

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	mg/L			06/26/25 07:36	1

Lab Sample ID: LCS 885-29039/59

Matrix: Water

Analysis Batch: 29039

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.00	5.06		mg/L		101	90 - 110

Lab Sample ID: MRL 885-29039/3

Matrix: Water

Analysis Batch: 29039

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.521		mg/L		104	50 - 150

Lab Sample ID: MB 885-29042/115

Matrix: Water

Analysis Batch: 29042

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate	ND		0.10	mg/L			06/27/25 02:45	1
Nitrite	ND		0.10	mg/L			06/27/25 02:45	1

Lab Sample ID: MB 885-29042/4

Matrix: Water

Analysis Batch: 29042

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate	ND		0.10	mg/L			06/26/25 07:36	1
Nitrite	ND		0.10	mg/L			06/26/25 07:36	1

Lab Sample ID: LCS 885-29042/59

Matrix: Water

Analysis Batch: 29042

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	2.50	2.64		mg/L		106	90 - 110
Nitrite	1.00	0.953		mg/L		95	90 - 110

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QC Sample Results

Client: EA Engineering
Project/Site: Sunset Dairy

Job ID: 885-27589-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MRL 885-29042/3

Matrix: Water

Analysis Batch: 29042

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	0.100	0.0937	J	mg/L		94	50 - 150
Nitrite	0.100	0.0852	J	mg/L		85	50 - 150

Lab Sample ID: MB 885-29409/4

Matrix: Water

Analysis Batch: 29409

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate	ND		0.10	mg/L			07/02/25 09:32	1
Nitrite	ND		0.10	mg/L			07/02/25 09:32	1

Lab Sample ID: MB 885-29409/58

Matrix: Water

Analysis Batch: 29409

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate	ND		0.10	mg/L			07/02/25 18:51	1
Nitrite	ND		0.10	mg/L			07/02/25 18:51	1

Lab Sample ID: LCS 885-29409/5

Matrix: Water

Analysis Batch: 29409

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	2.50	2.59		mg/L		104	90 - 110
Nitrite	1.00	0.937		mg/L		94	90 - 110

Lab Sample ID: LCS 885-29409/59

Matrix: Water

Analysis Batch: 29409

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	2.50	2.56		mg/L		102	90 - 110
Nitrite	1.00	0.916		mg/L		92	90 - 110

Lab Sample ID: MRL 885-29409/3

Matrix: Water

Analysis Batch: 29409

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	0.100	0.101		mg/L		101	50 - 150
Nitrite	0.100	0.0983	J	mg/L		98	50 - 150

QC Sample Results

Client: EA Engineering
Project/Site: Sunset Dairy

Job ID: 885-27589-1

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MRL 885-29456/16

Matrix: Water

Analysis Batch: 29456

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Sulfur	1.00	ND		mg/L		94	50 - 150

Lab Sample ID: MB 885-29240/1-A

Matrix: Water

Analysis Batch: 29456

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 29240

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfur	ND		1.0	mg/L		06/30/25 07:41	07/01/25 11:49	1

Lab Sample ID: LCS 885-29240/7-A

Matrix: Water

Analysis Batch: 29456

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 29240

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfur	50.0	46.7		mg/L		93	85 - 115

Lab Sample ID: LCSD 885-29240/8-A

Matrix: Water

Analysis Batch: 29456

Client Sample ID: Lab Control Sample Dup

Prep Type: Total Recoverable

Prep Batch: 29240

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfur	50.0	46.4		mg/L		93	85 - 115	1	20

Lab Sample ID: LLCS 885-29240/6-A

Matrix: Water

Analysis Batch: 29456

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 29240

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfur	1.00	ND		mg/L		95	50 - 150

Method: 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 885-29385/1

Matrix: Water

Analysis Batch: 29385

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		50	mg/L			07/01/25 15:41	1

Lab Sample ID: LCS 885-29385/2

Matrix: Water

Analysis Batch: 29385

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	974		mg/L		97	80 - 120

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QC Sample Results

Client: EA Engineering
Project/Site: Sunset Dairy

Job ID: 885-27589-1

Method: 351.2 - Nitrogen, Total Kjeldahl

Lab Sample ID: MB 885-29270/3-A

Matrix: Water

Analysis Batch: 29370

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 29270

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Total Kjeldahl	ND		0.50	mg/L		06/30/25 11:37	07/01/25 11:17	1

Lab Sample ID: LCS 885-29270/5-A

Matrix: Water

Analysis Batch: 29370

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 29270

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	9.92	10.1		mg/L		102	90 - 110

Lab Sample ID: MRL 885-29270/4-A

Matrix: Water

Analysis Batch: 29370

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 29270

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	0.496	ND		mg/L		94	50 - 150

QC Association Summary

Client: EA Engineering
Project/Site: Sunset Dairy

Job ID: 885-27589-1

HPLC/IC

Analysis Batch: 29039

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27589-1	257-Lagoon	Total/NA	Water	300.0	
MB 885-29039/115	Method Blank	Total/NA	Water	300.0	
MB 885-29039/4	Method Blank	Total/NA	Water	300.0	
LCS 885-29039/59	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-29039/3	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 29042

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27589-1	257-Lagoon	Total/NA	Water	300.0	
MB 885-29042/115	Method Blank	Total/NA	Water	300.0	
MB 885-29042/4	Method Blank	Total/NA	Water	300.0	
LCS 885-29042/59	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-29042/3	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 29409

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27589-1	257-Lagoon	Total/NA	Water	300.0	
MB 885-29409/4	Method Blank	Total/NA	Water	300.0	
MB 885-29409/58	Method Blank	Total/NA	Water	300.0	
LCS 885-29409/5	Lab Control Sample	Total/NA	Water	300.0	
LCS 885-29409/59	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-29409/3	Lab Control Sample	Total/NA	Water	300.0	

Metals

Prep Batch: 29240

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27589-1	257-Lagoon	Total Recoverable	Water	200.2	
MB 885-29240/1-A	Method Blank	Total Recoverable	Water	200.2	
LCS 885-29240/7-A	Lab Control Sample	Total Recoverable	Water	200.2	
LCSD 885-29240/8-A	Lab Control Sample Dup	Total Recoverable	Water	200.2	
LLCS 885-29240/6-A	Lab Control Sample	Total Recoverable	Water	200.2	

Analysis Batch: 29456

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27589-1	257-Lagoon	Total Recoverable	Water	200.7 Rev 4.4	29240
MB 885-29240/1-A	Method Blank	Total Recoverable	Water	200.7 Rev 4.4	29240
LCS 885-29240/7-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	29240
LCSD 885-29240/8-A	Lab Control Sample Dup	Total Recoverable	Water	200.7 Rev 4.4	29240
LLCS 885-29240/6-A	Lab Control Sample	Total Recoverable	Water	200.7 Rev 4.4	29240
MRL 885-29456/16	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	

General Chemistry

Prep Batch: 29270

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27589-1	257-Lagoon	Total/NA	Water	351.2	
MB 885-29270/3-A	Method Blank	Total/NA	Water	351.2	
LCS 885-29270/5-A	Lab Control Sample	Total/NA	Water	351.2	
MRL 885-29270/4-A	Lab Control Sample	Total/NA	Water	351.2	

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QC Association Summary

Client: EA Engineering
Project/Site: Sunset Dairy

Job ID: 885-27589-1

General Chemistry

Analysis Batch: 29370

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27589-1	257-Lagoon	Total/NA	Water	351.2	29270
MB 885-29270/3-A	Method Blank	Total/NA	Water	351.2	29270
LCS 885-29270/5-A	Lab Control Sample	Total/NA	Water	351.2	29270
MRL 885-29270/4-A	Lab Control Sample	Total/NA	Water	351.2	29270

Analysis Batch: 29385

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-27589-1	257-Lagoon	Total/NA	Water	2540C	
MB 885-29385/1	Method Blank	Total/NA	Water	2540C	
LCS 885-29385/2	Lab Control Sample	Total/NA	Water	2540C	

Lab Chronicle

Client: EA Engineering
Project/Site: Sunset Dairy

Job ID: 885-27589-1

Client Sample ID: 257-Lagoon

Lab Sample ID: 885-27589-1

Date Collected: 06/25/25 14:15

Matrix: Water

Date Received: 06/26/25 09:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		20	29039	JT	EET ALB	06/26/25 20:01
Total/NA	Analysis	300.0		20	29042	JT	EET ALB	06/26/25 20:01
Total/NA	Analysis	300.0		20	29409	RC	EET ALB	07/02/25 20:14
Total Recoverable	Prep	200.2			29240	VP	EET ALB	06/30/25 07:41
Total Recoverable	Analysis	200.7 Rev 4.4		5	29456	JR	EET ALB	07/01/25 13:15
Total/NA	Analysis	2540C		1	29385	HR	EET ALB	07/01/25 15:41
Total/NA	Prep	351.2			29270	EH	EET ALB	06/30/25 11:37
Total/NA	Analysis	351.2		1	29370	EH	EET ALB	07/01/25 11:36

Laboratory References:
EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: EA Engineering
Project/Site: Sunset Dairy

Job ID: 885-27589-1

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-27-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
200.7 Rev 4.4	200.2	Water	Sulfur
2540C		Water	Total Dissolved Solids
300.0		Water	Chloride
300.0		Water	Nitrate
300.0		Water	Nitrite
351.2	351.2	Water	Nitrogen, Total Kjeldahl

Oregon	NELAP	NM100001	02-26-26
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The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
200.7 Rev 4.4	200.2	Water	Sulfur
351.2	351.2	Water	Nitrogen, Total Kjeldahl

Chain-of-Custody Record

Client

EA Engineering, Science, and Technology

Mailing Address:

320 Gold Ave SW Suite

Phone #: 505-715-4279

email or Fax#: rmullen@eaest.com

QA/QC Package

☐ Standard

☐ Level 4 (Full Validation)

Accreditation: ☐ Az Compliance

☐ NELAC ☐ Other

☐ EDD (Type)

On Ice: ☒ Yes ☐ No

of Coolers: 1

Cooler Temp (including CFI): 23 to 25.5°C

Container Type and #

2

Preservative Type

HEAL No.

Sample Name

257- Lagoon

Date

6-25 14:15

Matrix

Lagoon

Time

17:00

Relinquished by

[Signature]

Relinquished by

[Signature]

Date

6-25 17:00

Relinquished by

[Signature]

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Login Sample Receipt Checklist

Client: EA Engineering

Job Number: 885-27589-1

Login Number: 27589

List Source: Eurofins Albuquerque

List Number: 1

Creator: McQuiston, Steven

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	N/A	

ANALYTICAL REPORT

PREPARED FOR

Attn: Regina Mullen
EA Engineering
320 Gold Ave SW
Suite 1210
Albuquerque, New Mexico 87102

Generated 5/29/2025 1:10:07 PM

JOB DESCRIPTION

Mountain View Dairy

JOB NUMBER

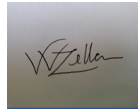
885-25214-1

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



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Authorized for release by
Victoria Zellar, Project Manager
Victoria.Zellar@et.eurofinsus.com
(505)345-3975



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Definitions/Glossary

Client: EA Engineering
Project/Site: Mountain View Dairy

Job ID: 885-25214-1

Qualifiers

General Chemistry

Qualifier	Qualifier Description
E	Result exceeded calibration range.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EA Engineering
Project: Mountain View Dairy

Job ID: 885-25214-1

Job ID: 885-25214-1

Eurofins Albuquerque

Job Narrative 885-25214-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 5/20/2025 10:10 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.3°C.

HPLC/IC

Method 300_OF_48H_PREC: The following sample was diluted due to the nature of the sample matrix: 70-03 (885-25214-1). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

Method 2540C_SingleDry: The analysis volume selected for the following sample produced a base result greater than 200mg before calculation of the final result: 70-03 (885-25214-1). Reanalysis could not be performed due to, holding time exceedance. Visual inspection by analyst shows no signs of trapped moisture, report as is. The reference method specifies that no more than 200mg of weight be recovered for a chosen sample analysis volume in order to produce the best data precision. As such, these data have been qualified.

Method 351.2: The following samples were diluted due to the nature of the sample matrix: 70-03 (885-25214-1), 70-01 (885-25214-2), 70-02 (885-25214-3) and 70-04 (885-25214-4). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Albuquerque

Client Sample Results

Client: EA Engineering
Project/Site: Mountain View Dairy

Job ID: 885-25214-1

Client Sample ID: 70-03

Lab Sample ID: 885-25214-1

Date Collected: 05/19/25 10:35

Matrix: Water

Date Received: 05/20/25 10:10

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1800		50	mg/L			05/20/25 18:40	100
Nitrate	41		1.0	mg/L			05/20/25 18:26	10
Nitrite	ND		10	mg/L			05/20/25 18:40	100
Sulfate	1000		5.0	mg/L			05/20/25 18:26	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	4700	E	100	mg/L			05/22/25 10:06	1
Nitrogen, Total Kjeldahl (EPA 351.2)	ND		2.5	mg/L		05/22/25 10:55	05/22/25 16:23	1

Client Sample Results

Client: EA Engineering
Project/Site: Mountain View Dairy

Job ID: 885-25214-1

Client Sample ID: 70-01

Lab Sample ID: 885-25214-2

Date Collected: 05/19/25 12:45

Matrix: Water

Date Received: 05/20/25 10:10

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	700		5.0	mg/L			05/20/25 18:52	10
Nitrate	13		1.0	mg/L			05/20/25 18:52	10
Nitrite	ND		1.0	mg/L			05/20/25 18:52	10
Sulfate	900		5.0	mg/L			05/20/25 18:52	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3100		100	mg/L			05/22/25 10:06	1
Nitrogen, Total Kjeldahl (EPA 351.2)	ND		1.3	mg/L		05/22/25 10:55	05/22/25 16:24	1

Client Sample Results

Client: EA Engineering
Project/Site: Mountain View Dairy

Job ID: 885-25214-1

Client Sample ID: 70-02

Lab Sample ID: 885-25214-3

Date Collected: 05/19/25 14:10

Matrix: Water

Date Received: 05/20/25 10:10

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	700		5.0	mg/L			05/20/25 19:19	10
Nitrate	13		1.0	mg/L			05/20/25 19:19	10
Nitrite	ND		1.0	mg/L			05/20/25 19:19	10
Sulfate	910		5.0	mg/L			05/20/25 19:19	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3100		100	mg/L			05/22/25 15:00	1
Nitrogen, Total Kjeldahl (EPA 351.2)	ND		0.50	mg/L		05/22/25 10:55	05/22/25 16:26	1

Client Sample Results

Client: EA Engineering
Project/Site: Mountain View Dairy

Job ID: 885-25214-1

Client Sample ID: 70-04

Lab Sample ID: 885-25214-4

Date Collected: 05/19/25 15:50

Matrix: Water

Date Received: 05/20/25 10:10

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	640		5.0	mg/L			05/20/25 19:45	10
Nitrate	14		1.0	mg/L			05/20/25 19:45	10
Nitrite	ND		1.0	mg/L			05/20/25 19:45	10
Sulfate	830		5.0	mg/L			05/20/25 19:45	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3000		100	mg/L			05/22/25 15:00	1
Nitrogen, Total Kjeldahl (EPA 351.2)	ND		1.3	mg/L		05/22/25 10:55	05/22/25 16:32	1

QC Sample Results

Client: EA Engineering
Project/Site: Mountain View Dairy

Job ID: 885-25214-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-26516/4

Matrix: Water

Analysis Batch: 26516

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	mg/L			05/20/25 08:34	1
Sulfate	ND		0.50	mg/L			05/20/25 08:34	1

Lab Sample ID: LCS 885-26516/5

Matrix: Water

Analysis Batch: 26516

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.00	5.10		mg/L		102	90 - 110
Sulfate	10.0	9.89		mg/L		99	90 - 110

Lab Sample ID: MRL 885-26516/3

Matrix: Water

Analysis Batch: 26516

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.522		mg/L		104	50 - 150
Sulfate	0.500	0.511		mg/L		102	50 - 150

Lab Sample ID: MB 885-26517/4

Matrix: Water

Analysis Batch: 26517

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate	ND		0.10	mg/L			05/20/25 08:34	1
Nitrite	ND		0.10	mg/L			05/20/25 08:34	1

Lab Sample ID: LCS 885-26517/5

Matrix: Water

Analysis Batch: 26517

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	2.50	2.59		mg/L		103	90 - 110
Nitrite	1.00	0.988		mg/L		99	90 - 110

Lab Sample ID: MRL 885-26517/3

Matrix: Water

Analysis Batch: 26517

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	0.100	0.104		mg/L		104	50 - 150
Nitrite	0.100	0.108		mg/L		108	50 - 150

QC Sample Results

Client: EA Engineering
Project/Site: Mountain View Dairy

Job ID: 885-25214-1

Method: 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 885-26749/1
Matrix: Water
Analysis Batch: 26749

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		50	mg/L			05/22/25 10:06	1

Lab Sample ID: LCS 885-26749/2
Matrix: Water
Analysis Batch: 26749

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	1000		mg/L		100	80 - 120

Lab Sample ID: MB 885-26793/1
Matrix: Water
Analysis Batch: 26793

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		50	mg/L			05/22/25 15:00	1

Lab Sample ID: LCS 885-26793/2
Matrix: Water
Analysis Batch: 26793

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	957		mg/L		96	80 - 120

Method: 351.2 - Nitrogen, Total Kjeldahl

Lab Sample ID: MB 885-26757/3-A
Matrix: Water
Analysis Batch: 26872

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 26757

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Total Kjeldahl	ND		0.50	mg/L		05/22/25 10:55	05/22/25 16:00	1

Lab Sample ID: LCS 885-26757/5-A
Matrix: Water
Analysis Batch: 26872

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 26757

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	10.0	10.2		mg/L		102	90 - 110

Lab Sample ID: MRL 885-26757/4-A
Matrix: Water
Analysis Batch: 26872

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 26757

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	0.500	0.511		mg/L		102	50 - 150

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QC Association Summary

Client: EA Engineering
Project/Site: Mountain View Dairy

Job ID: 885-25214-1

HPLC/IC

Analysis Batch: 26516

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25214-1	70-03	Total/NA	Water	300.0	
885-25214-1	70-03	Total/NA	Water	300.0	
885-25214-2	70-01	Total/NA	Water	300.0	
885-25214-3	70-02	Total/NA	Water	300.0	
885-25214-4	70-04	Total/NA	Water	300.0	
MB 885-26516/4	Method Blank	Total/NA	Water	300.0	
LCS 885-26516/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-26516/3	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 26517

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25214-1	70-03	Total/NA	Water	300.0	
885-25214-1	70-03	Total/NA	Water	300.0	
885-25214-2	70-01	Total/NA	Water	300.0	
885-25214-3	70-02	Total/NA	Water	300.0	
885-25214-4	70-04	Total/NA	Water	300.0	
MB 885-26517/4	Method Blank	Total/NA	Water	300.0	
LCS 885-26517/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-26517/3	Lab Control Sample	Total/NA	Water	300.0	

General Chemistry

Analysis Batch: 26749

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25214-1	70-03	Total/NA	Water	2540C	
885-25214-2	70-01	Total/NA	Water	2540C	
MB 885-26749/1	Method Blank	Total/NA	Water	2540C	
LCS 885-26749/2	Lab Control Sample	Total/NA	Water	2540C	

Prep Batch: 26757

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25214-1	70-03	Total/NA	Water	351.2	
885-25214-2	70-01	Total/NA	Water	351.2	
885-25214-3	70-02	Total/NA	Water	351.2	
885-25214-4	70-04	Total/NA	Water	351.2	
MB 885-26757/3-A	Method Blank	Total/NA	Water	351.2	
LCS 885-26757/5-A	Lab Control Sample	Total/NA	Water	351.2	
MRL 885-26757/4-A	Lab Control Sample	Total/NA	Water	351.2	

Analysis Batch: 26793

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25214-3	70-02	Total/NA	Water	2540C	
885-25214-4	70-04	Total/NA	Water	2540C	
MB 885-26793/1	Method Blank	Total/NA	Water	2540C	
LCS 885-26793/2	Lab Control Sample	Total/NA	Water	2540C	

Analysis Batch: 26872

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25214-1	70-03	Total/NA	Water	351.2	26757
885-25214-2	70-01	Total/NA	Water	351.2	26757
885-25214-3	70-02	Total/NA	Water	351.2	26757

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QC Association Summary

Client: EA Engineering
Project/Site: Mountain View Dairy

Job ID: 885-25214-1

General Chemistry (Continued)

Analysis Batch: 26872 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-25214-4	70-04	Total/NA	Water	351.2	26757
MB 885-26757/3-A	Method Blank	Total/NA	Water	351.2	26757
LCS 885-26757/5-A	Lab Control Sample	Total/NA	Water	351.2	26757
MRL 885-26757/4-A	Lab Control Sample	Total/NA	Water	351.2	26757

Lab Chronicle

Client: EA Engineering
Project/Site: Mountain View Dairy

Job ID: 885-25214-1

Client Sample ID: 70-03

Lab Sample ID: 885-25214-1

Date Collected: 05/19/25 10:35

Matrix: Water

Date Received: 05/20/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	26516	RC	EET ALB	05/20/25 18:26
Total/NA	Analysis	300.0		10	26517	RC	EET ALB	05/20/25 18:26
Total/NA	Analysis	300.0		100	26516	RC	EET ALB	05/20/25 18:40
Total/NA	Analysis	300.0		100	26517	RC	EET ALB	05/20/25 18:40
Total/NA	Analysis	2540C		1	26749	HR	EET ALB	05/22/25 10:06
Total/NA	Prep	351.2			26757	EH	EET ALB	05/22/25 10:55
Total/NA	Analysis	351.2		1	26872	EH	EET ALB	05/22/25 16:23

Client Sample ID: 70-01

Lab Sample ID: 885-25214-2

Date Collected: 05/19/25 12:45

Matrix: Water

Date Received: 05/20/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	26516	RC	EET ALB	05/20/25 18:52
Total/NA	Analysis	300.0		10	26517	RC	EET ALB	05/20/25 18:52
Total/NA	Analysis	2540C		1	26749	HR	EET ALB	05/22/25 10:06
Total/NA	Prep	351.2			26757	EH	EET ALB	05/22/25 10:55
Total/NA	Analysis	351.2		1	26872	EH	EET ALB	05/22/25 16:24

Client Sample ID: 70-02

Lab Sample ID: 885-25214-3

Date Collected: 05/19/25 14:10

Matrix: Water

Date Received: 05/20/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	26516	RC	EET ALB	05/20/25 19:19
Total/NA	Analysis	300.0		10	26517	RC	EET ALB	05/20/25 19:19
Total/NA	Analysis	2540C		1	26793	HR	EET ALB	05/22/25 15:00
Total/NA	Prep	351.2			26757	EH	EET ALB	05/22/25 10:55
Total/NA	Analysis	351.2		1	26872	EH	EET ALB	05/22/25 16:26

Client Sample ID: 70-04

Lab Sample ID: 885-25214-4

Date Collected: 05/19/25 15:50

Matrix: Water

Date Received: 05/20/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	26516	RC	EET ALB	05/20/25 19:45
Total/NA	Analysis	300.0		10	26517	RC	EET ALB	05/20/25 19:45
Total/NA	Analysis	2540C		1	26793	HR	EET ALB	05/22/25 15:00
Total/NA	Prep	351.2			26757	EH	EET ALB	05/22/25 10:55
Total/NA	Analysis	351.2		1	26872	EH	EET ALB	05/22/25 16:32

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Eurofins Albuquerque

Accreditation/Certification Summary

Client: EA Engineering
Project/Site: Mountain View Dairy

Job ID: 885-25214-1

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-27-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
2540C		Water	Total Dissolved Solids
300.0		Water	Chloride
300.0		Water	Nitrate
300.0		Water	Nitrite
300.0		Water	Sulfate
351.2	351.2	Water	Nitrogen, Total Kjeldahl

Oregon	NELAP	NM100001	02-26-26
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The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
351.2	351.2	Water	Nitrogen, Total Kjeldahl

**HALL ENVIRONMENTAL
ANALYSIS LABORATORY**



www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

885-25214 COC

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

[illegible]

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Login Sample Receipt Checklist

Client: EA Engineering

Job Number: 885-25214-1

Login Number: 25214

List Source: Eurofins Albuquerque

List Number: 1

Creator: Casarrubias, Tracy

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

PREPARED FOR

Attn: Regina Mullen
EA Engineering
320 Gold Ave SW
Suite 1210
Albuquerque, New Mexico 87102

Generated 6/18/2025 11:15:04 AM

JOB DESCRIPTION

Sunset Dairy

JOB NUMBER

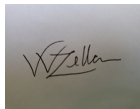
885-26099-1

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



Authorized for release by
Victoria Zellar, Project Manager
Victoria.Zellar@et.eurofinsus.com
(505)345-3975

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6/18/2025 11:15:04 AM



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Definitions/Glossary

Client: EA Engineering
Project/Site: Sunset Dairy

Job ID: 885-26099-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EA Engineering
Project: Sunset Dairy

Job ID: 885-26099-1

Job ID: 885-26099-1

Eurofins Albuquerque

Job Narrative 885-26099-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 6/5/2025 9:20 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.9°C.

HPLC/IC

Method 300_OF_48H_PREC: The following samples were diluted due to the nature of the sample matrix: 257-01 (885-26099-1) and 257-02 (885-26099-2). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

Method 351.2: The following sample was diluted due to the nature of the sample matrix: 257-01 (885-26099-1). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Albuquerque

Client Sample Results

Client: EA Engineering
Project/Site: Sunset Dairy

Job ID: 885-26099-1

Client Sample ID: 257-01

Lab Sample ID: 885-26099-1

Date Collected: 06/04/25 14:43

Matrix: Water

Date Received: 06/05/25 09:20

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	950		50	mg/L			06/05/25 16:47	100
Nitrate	30		1.0	mg/L			06/05/25 16:33	10
Nitrite	ND		1.0	mg/L			06/05/25 16:33	10
Sulfate	680		50	mg/L			06/05/25 16:47	100

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	3500		100	mg/L			06/11/25 14:16	1
Nitrogen, Total Kjeldahl (EPA 351.2)	ND		2.5	mg/L		06/12/25 13:15	06/16/25 13:59	1

Client Sample Results

Client: EA Engineering
Project/Site: Sunset Dairy

Job ID: 885-26099-1

Client Sample ID: 257-02

Lab Sample ID: 885-26099-2

Date Collected: 06/04/25 15:35

Matrix: Water

Date Received: 06/05/25 09:20

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	740		50	mg/L			06/05/25 17:15	100
Nitrate	9.7		1.0	mg/L			06/05/25 17:01	10
Nitrite	ND		1.0	mg/L			06/05/25 17:01	10
Sulfate	470		50	mg/L			06/05/25 17:15	100

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	2600		100	mg/L			06/11/25 14:16	1
Nitrogen, Total Kjeldahl (EPA 351.2)	ND		0.50	mg/L		06/12/25 13:15	06/16/25 14:01	1

QC Sample Results

Client: EA Engineering
Project/Site: Sunset Dairy

Job ID: 885-26099-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-27635/4

Matrix: Water

Analysis Batch: 27635

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	mg/L			06/05/25 08:31	1
Sulfate	ND		0.50	mg/L			06/05/25 08:31	1

Lab Sample ID: LCS 885-27635/5

Matrix: Water

Analysis Batch: 27635

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.00	4.81		mg/L		96	90 - 110
Sulfate	10.0	9.45		mg/L		95	90 - 110

Lab Sample ID: MRL 885-27635/3

Matrix: Water

Analysis Batch: 27635

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.546		mg/L		109	50 - 150
Sulfate	0.500	0.555		mg/L		111	50 - 150

Lab Sample ID: MB 885-27636/4

Matrix: Water

Analysis Batch: 27636

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate	ND		0.10	mg/L			06/05/25 08:31	1
Nitrite	ND		0.10	mg/L			06/05/25 08:31	1

Lab Sample ID: LCS 885-27636/5

Matrix: Water

Analysis Batch: 27636

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	2.50	2.55		mg/L		102	90 - 110
Nitrite	1.00	0.945		mg/L		95	90 - 110

Lab Sample ID: MRL 885-27636/3

Matrix: Water

Analysis Batch: 27636

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	0.100	0.104		mg/L		104	50 - 150
Nitrite	0.100	0.102		mg/L		102	50 - 150

Eurofins Albuquerque

QC Sample Results

Client: EA Engineering
Project/Site: Sunset Dairy

Job ID: 885-26099-1

Method: 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 885-28083/1

Matrix: Water

Analysis Batch: 28083

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		50	mg/L			06/11/25 14:16	1

Lab Sample ID: LCS 885-28083/2

Matrix: Water

Analysis Batch: 28083

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	1010		mg/L		101	80 - 120

Method: 351.2 - Nitrogen, Total Kjeldahl

Lab Sample ID: MRL 885-28175/4-A

Matrix: Water

Analysis Batch: 28433

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 28175

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	0.500	ND		mg/L		99	50 - 150

Lab Sample ID: MB 885-28176/1-A

Matrix: Water

Analysis Batch: 28433

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 28176

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Total Kjeldahl	ND		0.50	mg/L		06/12/25 13:15	06/16/25 13:40	1

Lab Sample ID: LCS 885-28176/3-A

Matrix: Water

Analysis Batch: 28433

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 28176

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	10.0	9.97		mg/L		100	90 - 110

Lab Sample ID: MRL 885-28176/2-A

Matrix: Water

Analysis Batch: 28433

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 28176

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	0.500	0.521		mg/L		104	50 - 150

QC Association Summary

Client: EA Engineering
Project/Site: Sunset Dairy

Job ID: 885-26099-1

HPLC/IC

Analysis Batch: 27635

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26099-1	257-01	Total/NA	Water	300.0	
885-26099-2	257-02	Total/NA	Water	300.0	
MB 885-27635/4	Method Blank	Total/NA	Water	300.0	
LCS 885-27635/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-27635/3	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 27636

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26099-1	257-01	Total/NA	Water	300.0	
885-26099-2	257-02	Total/NA	Water	300.0	
MB 885-27636/4	Method Blank	Total/NA	Water	300.0	
LCS 885-27636/5	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-27636/3	Lab Control Sample	Total/NA	Water	300.0	

General Chemistry

Analysis Batch: 28083

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26099-1	257-01	Total/NA	Water	2540C	
885-26099-2	257-02	Total/NA	Water	2540C	
MB 885-28083/1	Method Blank	Total/NA	Water	2540C	
LCS 885-28083/2	Lab Control Sample	Total/NA	Water	2540C	

Prep Batch: 28175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MRL 885-28175/4-A	Lab Control Sample	Total/NA	Water	351.2	

Prep Batch: 28176

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26099-1	257-01	Total/NA	Water	351.2	
885-26099-2	257-02	Total/NA	Water	351.2	
MB 885-28176/1-A	Method Blank	Total/NA	Water	351.2	
LCS 885-28176/3-A	Lab Control Sample	Total/NA	Water	351.2	
MRL 885-28176/2-A	Lab Control Sample	Total/NA	Water	351.2	

Analysis Batch: 28433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26099-1	257-01	Total/NA	Water	351.2	28176
885-26099-2	257-02	Total/NA	Water	351.2	28176
MB 885-28176/1-A	Method Blank	Total/NA	Water	351.2	28176
LCS 885-28176/3-A	Lab Control Sample	Total/NA	Water	351.2	28176
MRL 885-28175/4-A	Lab Control Sample	Total/NA	Water	351.2	28175
MRL 885-28176/2-A	Lab Control Sample	Total/NA	Water	351.2	28176

Lab Chronicle

Client: EA Engineering
Project/Site: Sunset Dairy

Job ID: 885-26099-1

Client Sample ID: 257-01

Date Collected: 06/04/25 14:43

Date Received: 06/05/25 09:20

Lab Sample ID: 885-26099-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	27636	JT	EET ALB	06/05/25 16:33
Total/NA	Analysis	300.0		100	27635	JT	EET ALB	06/05/25 16:47
Total/NA	Analysis	2540C		1	28083	HR	EET ALB	06/11/25 14:16
Total/NA	Prep	351.2			28176	EH	EET ALB	06/12/25 13:15
Total/NA	Analysis	351.2		1	28433	EH	EET ALB	06/16/25 13:59

Client Sample ID: 257-02

Date Collected: 06/04/25 15:35

Date Received: 06/05/25 09:20

Lab Sample ID: 885-26099-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	27636	JT	EET ALB	06/05/25 17:01
Total/NA	Analysis	300.0		100	27635	JT	EET ALB	06/05/25 17:15
Total/NA	Analysis	2540C		1	28083	HR	EET ALB	06/11/25 14:16
Total/NA	Prep	351.2			28176	EH	EET ALB	06/12/25 13:15
Total/NA	Analysis	351.2		1	28433	EH	EET ALB	06/16/25 14:01

Laboratory References:
EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: EA Engineering
Project/Site: Sunset Dairy

Job ID: 885-26099-1

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-27-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
2540C		Water	Total Dissolved Solids
300.0		Water	Chloride
300.0		Water	Nitrate
300.0		Water	Nitrite
300.0		Water	Sulfate
351.2	351.2	Water	Nitrogen, Total Kjeldahl

Oregon	NELAP	NM100001	02-26-26
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The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
351.2	351.2	Water	Nitrogen, Total Kjeldahl

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87

Tel. 505-345-3975 Fax 505-345-410



885-26099 C0C

Analysis Request

[illegible]

Remarks:

Chain-of-Custody Record				Turn-Around Time.			
Client.				<input checked="" type="checkbox"/> Standard	<input type="checkbox"/> Rush		
EA Engineering, Science, and Technology				Project Name			
Mailing Address				Sunset Dairy			
320 Gold Ave SW Suite				Project #			
Phone #: 505-715-4279				Billing Email			
email or Fax#: rmullen@east.com				Lindaarmstrong@zianet.com			
QA/QC Package:				Project Manager			
<input type="checkbox"/> Standard <input type="checkbox"/> Level 4 (Full Validation)				Gina Mullen			
Accreditation <input type="checkbox"/> Az Compliance				Sampler: Angel N. Rivera			
<input type="checkbox"/> NELAC <input type="checkbox"/> Other				On Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
<input type="checkbox"/> EDD (Type)				# of Coolers: 1			
				Cooler Temp (including CF): 0.145.12 = 0.940			
Date		Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
6-4	14:43	GW	257-01		2		
6-4	15:35	GW	257-02		2		
Date	Time	Relinquished by		Received by	Via	Date	Time
6-4	17:10	[Signature]		[Signature]	Fedex	6-5-15	920
Date	Time	Relinquished by		Received by	Via	Date	Time

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Login Sample Receipt Checklist

Client: EA Engineering

Job Number: 885-26099-1

Login Number: 26099

List Source: Eurofins Albuquerque

List Number: 1

Creator: Dominguez, Desiree

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	N/A	

ANALYTICAL REPORT

PREPARED FOR

Attn: Regina Mullen
EA Engineering
320 Gold Ave SW
Suite 1210
Albuquerque, New Mexico 87102

Generated 6/18/2025 1:59:52 PM

JOB DESCRIPTION

Sunset Dairy

JOB NUMBER

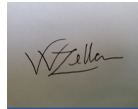
885-26233-1

Eurofins Albuquerque

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing South Central, LLC Project Manager.

Authorization



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Authorized for release by
Victoria Zellar, Project Manager
Victoria.Zellar@et.eurofinsus.com
(505)345-3975



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Definitions/Glossary

Client: EA Engineering
Project/Site: Sunset Dairy

Job ID: 885-26233-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: EA Engineering
Project: Sunset Dairy

Job ID: 885-26233-1

Job ID: 885-26233-1

Eurofins Albuquerque

Job Narrative 885-26233-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 6/6/2025 9:35 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.0°C.

HPLC/IC

Method 300_OF_48H_PREC: The following samples were diluted due to the nature of the sample matrix: 257-03 (885-26233-1) and MW-4 (885-26233-2). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

Method 2540C_SingleDry: The analysis volume selected for the following sample produced a base result greater than 200mg before calculation of the final result: MW-4 (885-26233-2). Reanalysis could not be performed due to holding time exceedance. Visual inspection by analyst shows no signs of trapped moisture, report as is. The reference method specifies that no more than 200mg of weight be recovered for a chosen sample analysis volume in order to produce the best data precision. As such, these data have been qualified.

Method 351.2: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 885-28386 and analytical batch 885-28511 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Albuquerque

Client Sample Results

Client: EA Engineering
Project/Site: Sunset Dairy

Job ID: 885-26233-1

Client Sample ID: 257-03

Lab Sample ID: 885-26233-1

Date Collected: 06/05/25 10:52

Matrix: Water

Date Received: 06/06/25 09:35

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	320		5.0	mg/L			06/06/25 18:34	10
Nitrate	ND		1.0	mg/L			06/06/25 18:34	10
Nitrite	ND		1.0	mg/L			06/06/25 18:34	10
Sulfate	270		5.0	mg/L			06/06/25 18:34	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	1300		50	mg/L			06/12/25 17:39	1
Nitrogen, Total Kjeldahl (EPA 351.2)	1.8		0.50	mg/L		06/16/25 12:53	06/17/25 15:56	1

Client Sample Results

Client: EA Engineering
Project/Site: Sunset Dairy

Job ID: 885-26233-1

Client Sample ID: MW-4

Lab Sample ID: 885-26233-2

Date Collected: 06/05/25 12:28

Matrix: Water

Date Received: 06/06/25 09:35

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1500		50	mg/L			06/07/25 00:57	100
Nitrate	ND		1.0	mg/L			06/07/25 00:47	10
Nitrite	ND		1.0	mg/L			06/07/25 00:47	10
Sulfate	1200		5.0	mg/L			06/07/25 00:47	10

General Chemistry

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	4500	E	100	mg/L			06/12/25 17:39	1
Nitrogen, Total Kjeldahl (EPA 351.2)	ND	F1	0.50	mg/L		06/16/25 12:53	06/17/25 16:05	1

QC Sample Results

Client: EA Engineering
Project/Site: Sunset Dairy

Job ID: 885-26233-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-27704/58

Matrix: Water

Analysis Batch: 27704

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		0.50	mg/L			06/06/25 17:53	1
Sulfate	ND		0.50	mg/L			06/06/25 17:53	1

Lab Sample ID: LCS 885-27704/59

Matrix: Water

Analysis Batch: 27704

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	5.00	4.91		mg/L		98	90 - 110
Sulfate	10.0	9.52		mg/L		95	90 - 110

Lab Sample ID: MRL 885-27704/3

Matrix: Water

Analysis Batch: 27704

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.556		mg/L		111	50 - 150
Sulfate	0.500	0.546		mg/L		109	50 - 150

Lab Sample ID: 885-26233-1 MS

Matrix: Water

Analysis Batch: 27704

Client Sample ID: 257-03

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	270		100	362		mg/L		90	80 - 120

Lab Sample ID: 885-26233-1 MSD

Matrix: Water

Analysis Batch: 27704

Client Sample ID: 257-03

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	270		100	360		mg/L		88	80 - 120	0	20

Lab Sample ID: MB 885-27705/58

Matrix: Water

Analysis Batch: 27705

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate	ND		0.10	mg/L			06/06/25 17:53	1
Nitrite	ND		0.10	mg/L			06/06/25 17:53	1

Lab Sample ID: LCS 885-27705/59

Matrix: Water

Analysis Batch: 27705

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	2.50	2.60		mg/L		104	90 - 110
Nitrite	1.00	0.958		mg/L		96	90 - 110

Eurofins Albuquerque

QC Sample Results

Client: EA Engineering
Project/Site: Sunset Dairy

Job ID: 885-26233-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MRL 885-27705/3

Matrix: Water

Analysis Batch: 27705

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	0.100	0.0998	J	mg/L		100	50 - 150
Nitrite	0.100	0.103		mg/L		103	50 - 150

Lab Sample ID: 885-26233-1 MS

Matrix: Water

Analysis Batch: 27705

Client Sample ID: 257-03

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate	ND		25.0	26.5		mg/L		106	80 - 120
Nitrite	ND		10.0	9.39		mg/L		94	80 - 120

Lab Sample ID: 885-26233-1 MSD

Matrix: Water

Analysis Batch: 27705

Client Sample ID: 257-03

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate	ND		25.0	26.7		mg/L		107	80 - 120	1	20
Nitrite	ND		10.0	9.45		mg/L		95	80 - 120	1	20

Method: 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 885-28220/1

Matrix: Water

Analysis Batch: 28220

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		50	mg/L			06/12/25 17:39	1

Lab Sample ID: LCS 885-28220/2

Matrix: Water

Analysis Batch: 28220

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	1020		mg/L		101	80 - 120

Method: 351.2 - Nitrogen, Total Kjeldahl

Lab Sample ID: MB 885-28385/3-A

Matrix: Water

Analysis Batch: 28511

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 28385

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Total Kjeldahl	ND		0.50	mg/L		06/16/25 12:53	06/17/25 15:11	1

Lab Sample ID: LCS 885-28385/5-A

Matrix: Water

Analysis Batch: 28511

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 28385

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	10.0	11.0		mg/L		110	90 - 110

Eurofins Albuquerque

QC Sample Results

Client: EA Engineering
Project/Site: Sunset Dairy

Job ID: 885-26233-1

Method: 351.2 - Nitrogen, Total Kjeldahl (Continued)

Lab Sample ID: MRL 885-28385/4-A

Matrix: Water

Analysis Batch: 28511

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 28385

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	0.500	0.509		mg/L		102	50 - 150

Lab Sample ID: MB 885-28386/1-A

Matrix: Water

Analysis Batch: 28511

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 28386

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Total Kjeldahl	ND		0.50	mg/L		06/16/25 12:53	06/17/25 15:57	1

Lab Sample ID: LCS 885-28386/3-A

Matrix: Water

Analysis Batch: 28511

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 28386

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	10.0	10.6		mg/L		106	90 - 110

Lab Sample ID: MRL 885-28386/2-A

Matrix: Water

Analysis Batch: 28511

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 28386

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	0.500	0.524		mg/L		105	50 - 150

Lab Sample ID: 885-26233-2 MS

Matrix: Water

Analysis Batch: 28511

Client Sample ID: MW-4

Prep Type: Total/NA

Prep Batch: 28386

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Total Kjeldahl	ND	F1	10.0	11.5	F1	mg/L		115	90 - 110

Lab Sample ID: 885-26233-2 MSD

Matrix: Water

Analysis Batch: 28511

Client Sample ID: MW-4

Prep Type: Total/NA

Prep Batch: 28386

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrogen, Total Kjeldahl	ND	F1	10.0	11.7	F1	mg/L		117	90 - 110	2	20

QC Association Summary

Client: EA Engineering
Project/Site: Sunset Dairy

Job ID: 885-26233-1

HPLC/IC

Analysis Batch: 27704

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26233-1	257-03	Total/NA	Water	300.0	
885-26233-2	MW-4	Total/NA	Water	300.0	
885-26233-2	MW-4	Total/NA	Water	300.0	
MB 885-27704/58	Method Blank	Total/NA	Water	300.0	
LCS 885-27704/59	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-27704/3	Lab Control Sample	Total/NA	Water	300.0	
885-26233-1 MS	257-03	Total/NA	Water	300.0	
885-26233-1 MSD	257-03	Total/NA	Water	300.0	

Analysis Batch: 27705

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26233-1	257-03	Total/NA	Water	300.0	
885-26233-2	MW-4	Total/NA	Water	300.0	
MB 885-27705/58	Method Blank	Total/NA	Water	300.0	
LCS 885-27705/59	Lab Control Sample	Total/NA	Water	300.0	
MRL 885-27705/3	Lab Control Sample	Total/NA	Water	300.0	
885-26233-1 MS	257-03	Total/NA	Water	300.0	
885-26233-1 MSD	257-03	Total/NA	Water	300.0	

General Chemistry

Analysis Batch: 28220

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26233-1	257-03	Total/NA	Water	2540C	
885-26233-2	MW-4	Total/NA	Water	2540C	
MB 885-28220/1	Method Blank	Total/NA	Water	2540C	
LCS 885-28220/2	Lab Control Sample	Total/NA	Water	2540C	

Prep Batch: 28385

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26233-1	257-03	Total/NA	Water	351.2	
MB 885-28385/3-A	Method Blank	Total/NA	Water	351.2	
LCS 885-28385/5-A	Lab Control Sample	Total/NA	Water	351.2	
MRL 885-28385/4-A	Lab Control Sample	Total/NA	Water	351.2	

Prep Batch: 28386

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26233-2	MW-4	Total/NA	Water	351.2	
MB 885-28386/1-A	Method Blank	Total/NA	Water	351.2	
LCS 885-28386/3-A	Lab Control Sample	Total/NA	Water	351.2	
MRL 885-28386/2-A	Lab Control Sample	Total/NA	Water	351.2	
885-26233-2 MS	MW-4	Total/NA	Water	351.2	
885-26233-2 MSD	MW-4	Total/NA	Water	351.2	

Analysis Batch: 28511

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
885-26233-1	257-03	Total/NA	Water	351.2	28385
885-26233-2	MW-4	Total/NA	Water	351.2	28386
MB 885-28385/3-A	Method Blank	Total/NA	Water	351.2	28385
MB 885-28386/1-A	Method Blank	Total/NA	Water	351.2	28386
LCS 885-28385/5-A	Lab Control Sample	Total/NA	Water	351.2	28385

Eurofins Albuquerque

QC Association Summary

Client: EA Engineering
Project/Site: Sunset Dairy

Job ID: 885-26233-1

General Chemistry (Continued)

Analysis Batch: 28511 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 885-28386/3-A	Lab Control Sample	Total/NA	Water	351.2	28386
MRL 885-28385/4-A	Lab Control Sample	Total/NA	Water	351.2	28385
MRL 885-28386/2-A	Lab Control Sample	Total/NA	Water	351.2	28386
885-26233-2 MS	MW-4	Total/NA	Water	351.2	28386
885-26233-2 MSD	MW-4	Total/NA	Water	351.2	28386

Lab Chronicle

Client: EA Engineering
Project/Site: Sunset Dairy

Job ID: 885-26233-1

Client Sample ID: 257-03

Date Collected: 06/05/25 10:52

Date Received: 06/06/25 09:35

Lab Sample ID: 885-26233-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	27704	RC	EET ALB	06/06/25 18:34
Total/NA	Analysis	300.0		10	27705	RC	EET ALB	06/06/25 18:34
Total/NA	Analysis	2540C		1	28220	KS	EET ALB	06/12/25 17:39
Total/NA	Prep	351.2			28385	EH	EET ALB	06/16/25 12:53
Total/NA	Analysis	351.2		1	28511	EH	EET ALB	06/17/25 15:56

Client Sample ID: MW-4

Date Collected: 06/05/25 12:28

Date Received: 06/06/25 09:35

Lab Sample ID: 885-26233-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	27704	RC	EET ALB	06/07/25 00:47
Total/NA	Analysis	300.0		10	27705	RC	EET ALB	06/07/25 00:47
Total/NA	Analysis	300.0		100	27704	RC	EET ALB	06/07/25 00:57
Total/NA	Analysis	2540C		1	28220	KS	EET ALB	06/12/25 17:39
Total/NA	Prep	351.2			28386	EH	EET ALB	06/16/25 12:53
Total/NA	Analysis	351.2		1	28511	EH	EET ALB	06/17/25 16:05

Laboratory References:

EET ALB = Eurofins Albuquerque, 4901 Hawkins NE, Albuquerque, NM 87109, TEL (505)345-3975

Accreditation/Certification Summary

Client: EA Engineering
Project/Site: Sunset Dairy

Job ID: 885-26233-1

Laboratory: Eurofins Albuquerque

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New Mexico	State	NM9425, NM0901	02-27-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
2540C		Water	Total Dissolved Solids
300.0		Water	Chloride
300.0		Water	Nitrate
300.0		Water	Nitrite
300.0		Water	Sulfate
351.2	351.2	Water	Nitrogen, Total Kjeldahl

Oregon	NELAP	NM100001	02-26-26
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The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
351.2	351.2	Water	Nitrogen, Total Kjeldahl

A 3x3 grid with a cross pattern of shaded cells. The shaded cells are at positions (1,1), (1,3), (2,2), (3,1), and (3,3), where (row, column) starts from the top-left. The unshaded cells are at (1,2), (2,1), (2,3), and (3,2).

HALL ENVIRONMENTAL ANALYSIS LAB

www.hallenvironmental.com



4901 Hawkins NE - Albuquerque, NM 871

Tel. 505-345-3975 Fax 505-345-4107 885-26233 COC

Analysis Request

[illegible][illegible]

if necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

Login Sample Receipt Checklist

Client: EA Engineering

Job Number: 885-26233-1

Login Number: 26233

List Source: Eurofins Albuquerque

List Number: 1

Creator: McQuiston, Steven

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
TCEQ Mtd 1005 soil sample was frozen/delivered for prep within 48H of sampling.	N/A	