APPENDIX C

ANALYTICAL LABORATORY REPORTS

(Provided Electronically via CD)

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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 4901 Hawkins NE Albuquerque NM 87109



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

Vella

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

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9

10

Client: EA Engineering Project/Site: Big Sky Dairy Laboratory Job ID: 885-25811-1

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
QC Sample Results	7
QC Association Summary	10
Lab Chronicle	11
Certification Summary	12
Chain of Custody	13
Receipt Checklists	14

4

0

9

Definitions/Glossary

Client: EA Engineering Job ID: 885-25811-1

Project/Site: Big Sky Dairy

Qualifiers

HPLC/IC

Qualifier **Qualifier Description**

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**

MS and/or MSD recovery exceeds control limits.

Glossary

A le le	Th			4 1	
Abbreviation	i nese commoni	y used abbreviations may	or may	y 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 Contains No Free Liquid CNF

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)

Estimated Detection Limit (Dioxin) EDL LOD Limit of Detection (DoD/DOE) LOQ Limit of Quantitation (DoD/DOE)

EPA recommended "Maximum Contaminant Level" MCL MDA Minimum Detectable Activity (Radiochemistry) MDC Minimum Detectable Concentration (Radiochemistry)

MDL Method Detection Limit MLMinimum Level (Dioxin) MPN Most Probable Number MQL Method Quantitation Limit

NC Not Calculated

Not Detected at the reporting limit (or MDL or EDL if shown) ND

NEG Negative / Absent POS Positive / Present Practical Quantitation Limit POI

PRES Presumptive **Quality Control** QC

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

Toxicity Equivalent Factor (Dioxin) TEF **TEQ** Toxicity Equivalent Quotient (Dioxin)

TNTC Too Numerous To Count

Eurofins Albuquerque

Case Narrative

Client: EA Engineering Job ID: 885-25811-1 Project: Big Sky Dairy

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 Kieldahl 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.

Page 5 of 14

Client: EA Engineering Job ID: 885-25811-1

Project/Site: Big Sky Dairy

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 Cl	nromatograp	ohy						
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

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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

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

MD MD

MB MB

Lab Sample ID: LCS 885-27555/5

Matrix: Water

Analysis Batch: 27555

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

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Type: Total/NA

	Spike	MRL	MRL				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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

Prep Type: Total/NA

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

Lab Sample ID: LCS 885-27926/5

Matrix: Water

Analysis Batch: 27926							
	Spike	LCS	LCS				%Rec
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits
Nitrate	2.50	2.57		mg/L		103	90 - 110
Nitrite	1.00	0.971		mg/L		97	90 - 110

3.54

3.50

Lab Sample ID: MRL 885-27926/3

Matrix: Water

Nitrate Nitrite as N

Analyte Nitrate Nitrite

Nitrate Nitrite as N

Analysis Batch: 27926

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

90 - 110

101

Client Sample ID: Lab Control Sample

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

mg/L

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Client: EA Engineering Project/Site: Big Sky Dairy Job ID: 885-25811-1

Prep Type: Total/NA

Prep Type: Total/NA

Prep Type: Total/NA Prep Batch: 27776

Prep Type: Total/NA

Prep Batch: 27777

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

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

Lab Sample ID: MB 885-27697/1

Matrix: Water

Analysis Batch: 27697

мв мв

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

Lab Sample ID: LCS 885-27697/2

Matrix: Water

Analysis Batch: 27697

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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

	Spike	MRL	MRL			%Rec	
Analyte	Added	Result	Qualifier U	nit D	%Rec	Limits	
Nitrogen, Total Kjeldahl	0.500	ND	m	g/L	92	50 - 150	

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

Matrix: Water

Analysis Batch: 27894

мв мв

Analyte	Result 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

		Spike	LCS	LCS				%Rec	
Analyte		Added	Result	Qualifier	Unit	D	%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						Prep	Batch: 2////
	Spike	MRL I	MRL			%Rec	
Analyte	Added	Result (Qualifier	Unit D	%Rec	Limits	
Nitrogen, Total Kieldahl	0.500	0.523		ma/l	105	50 - 150	

Lab Sample ID: 885-25811-1 MS

Matrix: Water

Analysis Batch: 27894

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

Eurofins Albuquerque

Prep Type: Total/NA Prep Batch: 27777

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

Prep Batch: 27777

QC Sample Results

Client: EA Engineering Job ID: 885-25811-1 Project/Site: Big Sky Dairy

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 Prep Batch: 27777 Analysis Batch: 27894

Sample Sample Spike MSD MSD Result Qualifier Result Qualifier Added Limits RPD Limit Analyte Unit %Rec Nitrogen, Total Kjeldahl ND F1 10.0 3.58 F1 mg/L 36 90 - 110 17 20

QC Association Summary

Client: EA Engineering Job ID: 885-25811-1 Project/Site: Big Sky Dairy

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

Eurofins Albuquerque

6/11/2025

Lab Chronicle

Client: EA Engineering Job ID: 885-25811-1

Project/Site: Big Sky Dairy

Date Received: 06/02/25 09:35

Client Sample ID: 833-06 Date Collected: 05/30/25 15:05 Lab Sample ID: 885-25811-1

Matrix: Water

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	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

Job ID: 885-25811-1

Project/Site: Big Sky Dairy

Laboratory: Eurofins Albuquerque

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

Authority	Progr	am	Identification Number	Expiration Date
New Mexico	State		NM9425, NM0901	02-27-26
The following analytes	are included in this report, bu	it the laboratory is not certif	fied by the governing authority. This lis	st may include analyte
for which the agency d	oes 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	NELA	P	NM100001	02-26-26
The following analytes	are included in this report, bu	it the laboratory is not certif	fied by the governing authority. This lis	st may include analyte
for which the agency d	oes not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte	
351.2	351.2	Water	Nitrogen, Total Kjeldahl	

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□ Other_

□ NELAC

Accreditation

□ Standard

☐ EDD (Type)

320 Gold Ave SW Suite

QA/QC Package⁻

email or Fax#

Phone #

Mailing Address.

Matrix

Time

Date

15:05 GW

2-30

Page 13 of 14

Time

5-30 Date

Date

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 = background as measured by a survey</td <td>N/A</td> <td>Comment</td>	N/A	Comment
meter.	_	
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	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

PREPARED FOR

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

ANALYTICAL REPORT

Generated 6/13/2025 9:48:31 AM

JOB DESCRIPTION

Big Sky Dairy

JOB NUMBER

885-25889-1

Eurofins Albuquerque 4901 Hawkins NE Albuquerque NM 87109



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

Vella

Generated 6/13/2025 9:48:31 AM

Authorized for release by Victoria Zellar, Project Manager Victoria.Zellar@et.eurofinsus.com (505)345-3975 3

4

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8

9

Client: EA Engineering Project/Site: Big Sky Dairy Laboratory Job ID: 885-25889-1

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	
Client Sample Results	6
QC Sample Results	9
QC Association Summary	11
Lab Chronicle	12
Certification Summary	13
Chain of Custody	
Receipt Checklists	16

q

4

5

7

9

10

Definitions/Glossary

Client: EA Engineering Job ID: 885-25889-1 Project/Site: Big Sky Dairy

Qualifiers

General Chemistry

Qualifier **Qualifier Description**

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

Percent Recovery %R CFL Contains Free Liquid CFU Colony Forming Unit **CNF** Contains No Free Liquid

DER Duplicate Error Ratio (normalized absolute difference)

Dil Fac **Dilution Factor**

Detection Limit (DoD/DOE) DL

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)

Estimated Detection Limit (Dioxin) EDL LOD Limit of Detection (DoD/DOE) Limit of Quantitation (DoD/DOE) LOQ

EPA recommended "Maximum Contaminant Level" MCL 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 **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 Job ID: 885-25889-1 Project: Big Sky Dairy

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: EA Engineering Job ID: 885-25889-1

Project/Site: Big Sky Dairy

Client Sample ID: 833-04 Lab Sample ID: 885-25889-1 Date Collected: 06/02/25 10:17

Matrix: Water

06/05/25 15:42

06/12/25 12:21

06/10/25 11:41

Date Received: 06/03/25 09:45

Total Dissolved Solids (SM 2540C)

Nitrogen, Total Kjeldahl (EPA 351.2)

Method: EPA 300.0 - Anions, I	on 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

100

1.3

mg/L

mg/L

2400

ND

Client: EA Engineering Job ID: 885-25889-1

Project/Site: Big Sky Dairy

Client Sample ID: 833-02

ND

Lab Sample ID: 885-25889-2 Date Collected: 06/02/25 12:50 Matrix: Water

Date Received: 06/03/25 09:45

Nitrogen, Total Kjeldahl (EPA 351.2)

Method: EPA 300.0 - Anions, Ion C	hromatograph	hy						
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		50	mg/L			06/05/25 15:42	1

13

mg/L

06/10/25 11:41

06/12/25 12:23

Client: EA Engineering Job ID: 885-25889-1

Project/Site: Big Sky Dairy

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 Cl	hromatograp	ohy						
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

Client: EA Engineering

Job ID: 885-25889-1 Project/Site: Big Sky Dairy

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

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

Lab Sample ID: LCS 885-27418/12

Matrix: Water Prep Type: Total/NA **Analysis Batch: 27418** LCS LCS Spike %Rec

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

Lab Sample ID: MRL 885-27418/3

Matrix: Water

Analysis Batch: 27418

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

Lab Sample ID: MB 885-27419/4

Matrix: Water

Analysis Batch: 27419

MB MB

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

Lab Sample ID: LCS 885-27419/12

Client Sample ID: Lab Control Sample Matrix: Water Prep Type: Total/NA **Analysis Batch: 27419** LCS LCS

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

Lab Sample ID: MRL 885-27419/3

Matrix: Water

Analysis Batch: 27419

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

0 104

mg/L

Lab Sample ID: 885-25889-1 MS

Matrix: Water

Nitrite

Analysis Batch: 27419

/ inalyolo Datom 2. 1.0										
	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Nitrate	21		25.0	46.0		mg/L		101	80 - 120	
Nitrite	ND		10.0	8.56		mg/L		86	80 - 120	

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6/13/2025

Page 9 of 16

6

Prep Type: Total/NA

Prep Type: Total/NA

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample

Client Sample ID: Method Blank

%Rec

Client Sample ID: Lab Control Sample

50 - 150

Client: EA Engineering Project/Site: Big Sky Dairy Job ID: 885-25889-1

Prep Type: Total/NA

Prep Type: Total/NA

Prep Batch: 27962

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 885-25889-1 MSD Client Sample ID: 833-04 Prep Type: Total/NA

Matrix: Water

Analysis Batch: 27419

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

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

Lab Sample ID: MB 885-27697/1 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 27697

мв мв

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

Lab Sample ID: LCS 885-27697/2 **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA

Analysis Batch: 27697

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

Method: 351.2 - Nitrogen, Total Kjeldahl

Lab Sample ID: MB 885-27962/3-A Client Sample ID: Method Blank

Matrix: Water

Analysis Batch: 28183

MR MR

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

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

Matrix: Water

Prep Type: Total/NA **Analysis Batch: 28183** Prep Batch: 27962 Spike LCS LCS %Rec

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

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

Matrix: Water

Analysis Batch: 28183 Prep Batch: 27962 MRL MRL Spike %Rec Added Analyte Result Qualifier Unit D %Rec Limits Nitrogen, Total Kjeldahl 0.500 0.548 110 50 - 150 mg/L

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6/13/2025

QC Association Summary

Client: EA Engineering Job ID: 885-25889-1

Project/Site: Big Sky Dairy

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 Batcl
885-25889-1	833-04	Total/NA		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 885-25889-1	Client Sample ID 833-04	Prep Type Total/NA	Matrix Water	Method 351.2	Prep Batch
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

6/13/2025

Page 11 of 16

9

5

7

9

10

Lab Chronicle

Client: EA Engineering Job ID: 885-25889-1

Project/Site: Big Sky Dairy

Date Received: 06/03/25 09:45

Client Sample ID: 833-04 Lab Sample ID: 885-25889-1 Date Collected: 06/02/25 10:17

Matrix: Water

Batch Batch Dilution Batch Prepared Prep Type Туре Method Run Factor **Number Analyst** Lab or Analyzed Total/NA 300.0 06/03/25 14:21 Analysis 10 27418 RC **EET ALB** 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 **EET ALB** 06/10/25 11:41 27962 EH Total/NA Analysis 351.2 1 28183 EH **EET ALB** 06/12/25 12:21

Client Sample ID: 833-02 Lab Sample ID: 885-25889-2

Matrix: Water

Date Collected: 06/02/25 12:50 Date Received: 06/03/25 09:45

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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 Lab Sample ID: 885-25889-3 Date Collected: 06/02/25 15:20 **Matrix: Water**

Date Received: 06/03/25 09:45

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	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

Eurofins Albuquerque

Accreditation/Certification Summary

Client: EA Engineering

Job ID: 885-25889-1

Project/Site: Big Sky Dairy

Laboratory: Eurofins Albuquerque

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

uuthority Progra lew Mexico State		am	Identification Number	Expiration Date 02-27-26
			NM9425, NM0901	
• ,	are included in this report, bu	it the laboratory is not certif	ied by the governing authority. This li	st may include analyte
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	
regon	NELA	P	NM100001	02-26-26
• •	are included in this report, bu	it the laboratory is not certif	ied by the governing authority. This li	st may include analyte
Analysis Method	Prep Method	Matrix	Analyte	
351.2	351.2	Water	Nitrogen, Total Kjeldahl	

Turn-Around Time.

6/13/2025

Page 15 of 16

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

Cleator. Casarrubias, rracy		
Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>N/A</td> <td></td>	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 <6mm (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 6/13/2025 12:15:40 PM

JOB DESCRIPTION

Big Sky Dairy

JOB NUMBER

885-26013-1

Eurofins Albuquerque 4901 Hawkins NE Albuquerque NM 87109



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

Vella

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

6/13/2025

3

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7

8

9

10

Client: EA Engineering Project/Site: Big Sky Dairy Laboratory Job ID: 885-26013-1

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
QC Sample Results	9
QC Association Summary	11
Lab Chronicle	12
Certification Summary	13
Chain of Custody	14
Receipt Checklists	15

Δ

5

0

8

9

Definitions/Glossary

Client: EA Engineering Job ID: 885-26013-1 Project/Site: Big Sky Dairy

Qualifiers

General Chemistry

Qualifier **Qualifier Description**

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

Percent Recovery %R CFL Contains Free Liquid CFU Colony Forming Unit **CNF** Contains No Free Liquid

DER Duplicate Error Ratio (normalized absolute difference)

Dil Fac **Dilution Factor**

Detection Limit (DoD/DOE) DL

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)

Estimated Detection Limit (Dioxin) EDL LOD Limit of Detection (DoD/DOE) Limit of Quantitation (DoD/DOE) LOQ

EPA recommended "Maximum Contaminant Level" MCL 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 **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 Job ID: 885-26013-1 Project: Big Sky Dairy

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.

Page 5 of 15

Client: EA Engineering Job ID: 885-26013-1

Project/Site: Big Sky Dairy

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

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: EA Engineering Job ID: 885-26013-1

Project/Site: Big Sky Dairy

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

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: EA Engineering Job ID: 885-26013-1

Project/Site: Big Sky Dairy

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	800		50	mg/L		<u> </u>	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

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

Analyte

Chloride

Sulfate

Analysis Batch: 27545

Client Sample ID: Method Blank

Prep Type: Total/NA

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

Lab Sample ID: LCS 885-27545/54 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 27545

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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 Client Sample ID: Lab Control Sample Prep Type: Total/NA

Matrix: Water

Analysis Batch: 27545

	Spike	MRL	MRL				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 27546

MB MB

Analyte	Result	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 **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA

Analysis Batch: 27546

-	Spike	LCS	LCS				%Rec		
Analyte	Added	Result	Qualifier	Unit	D	%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 Client Sample ID: Lab Control Sample Prep Type: Total/NA

Matrix: Water

Analysis Batch: 27546

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

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6/13/2025

Job ID: 885-26013-1

Client: EA Engineering Project/Site: Big Sky Dairy

Prep Batch: 27888

Prep Type: Total/NA

105

50 - 150

Prep Batch: 27888

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

Lab Sample ID: MB 885-27836/1 Client Sample ID: Method Blank

Matrix: Water Prep Type: Total/NA

Analysis Batch: 27836

		•					
Analyte	Result Qu	ualifier RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND	50	ma/l			06/08/25 09:05	

Lab Sample ID: LCS 885-27836/2 Client Sample ID: Lab Control Sample **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 27836

Spike LCS LCS

MD MD

%Rec Analyte Added Result Qualifier Unit D %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 Client Sample ID: Method Blank

Matrix: Water Prep Type: Total/NA **Analysis Batch: 28084** Prep Batch: 27888

MB MB Analyte Result 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

Lab Sample ID: LCS 885-27888/5-A Client Sample ID: Lab Control Sample Prep Type: Total/NA

Matrix: Water Analysis Batch: 28084

Spike LCS LCS %Rec

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

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

Matrix: Water

Nitrogen, Total Kjeldahl

Analysis Batch: 28084

Spike MRL MRL %Rec Analyte Added Result Qualifier Unit %Rec Limits

0.524

mg/L

0.500

Eurofins Albuquerque

QC Association Summary

Client: EA Engineering

Job ID: 885-26013-1

Project/Site: Big Sky Dairy

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 Batc
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

6/13/2025

Page 11 of 15

0

8

9

10

Lab Chronicle

Client: EA Engineering Job ID: 885-26013-1

Project/Site: Big Sky Dairy

Date Received: 06/04/25 09:10

Client Sample ID: 833-08 Lab Sample ID: 885-26013-1 Date Collected: 06/03/25 11:00

Matrix: Water

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

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

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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

Job ID: 885-26013-1

Project/Site: Big Sky Dairy

Laboratory: Eurofins Albuquerque

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

uthority	Progra	am	Identification Number	Expiration Date			
lew Mexico	State		NM9425, NM0901	02-27-26			
• ,	are included in this report, bu	it the laboratory is not certif	ied by the governing authority. This li	st may include analyte			
Analysis Method	Prep Method	Matrix	Analyte				
2540C		Water	Total Dissolved Solids				
300.0		Water	Chloride				
300.0		Water	Nitrate				
300.0		Water	Nitrite Sulfate				
300.0		Water					
351.2	351.2	Water	Nitrogen, Total Kjeldahl				
regon	NELA	P	NM100001	02-26-26			
• •	are included in this report, bu	it the laboratory is not certif	ied by the governing authority. This li	st may include analyte			
Analysis Method	Prep Method	Matrix	Analyte				
351.2	351.2	Water	Nitrogen, Total Kjeldahl				

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6/13/2025

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

oreator. Gusurrusius, rrucy	
Question	Answer Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>N/A</td>	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
s 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
Multiphasic samples are not present.	True
Samples do not require splitting or compositing.	True
Residual Chlorine Checked.	N/A

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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 4901 Hawkins NE Albuquerque NM 87109



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

Vella

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

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

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Client: EA Engineering Project/Site: Big Sky Dairy Laboratory Job ID: 885-26097-1

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
QC Sample Results	7
QC Association Summary	9
Lab Chronicle	10
Certification Summary	11
Chain of Custody	12
Receipt Checklists	13

4

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9

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Definitions/Glossary

Client: EA Engineering Job ID: 885-26097-1

Project/Site: Big Sky Dairy

Glossary

MDA

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)							
Oil 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)

Limit of Detection (DoD/DOE)

LOD Limit of Detection (DoD/DOE)

LOQ Limit of Quantitation (DoD/DOE)

MCL EPA recommended "Maximum Contaminant Level"

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)

Minimum Detectable Activity (Radiochemistry)

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

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Case Narrative

Client: EA Engineering
Project: Big Sky Dairy

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

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Job ID: 885-26097-1

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Client: EA Engineering Job ID: 885-26097-1

Project/Site: Big Sky Dairy

Client Sample ID: 833-10

Lab Sample ID: 885-26097-1

Matrix: Water

Date Collected: 06/04/25 13:45 Date Received: 06/05/25 09:20

351.2)

Method: EPA 300.0 - Anions, Ion Cl	hromatograp	hy						
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	0.94		0.50	mg/L		06/12/25 13:15	06/16/25 13:25	1

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

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

Lab Sample ID: LCS 885-27635/5

Matrix: Water

Analysis Batch: 27635

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

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

		Spike	MRL	MRL				%Rec	
Analyte		Added	Result	Qualifier	Unit	D	%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

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

Lab Sample ID: LCS 885-27636/5

Matrix: Water

Analysis Batch: 27636

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

		Spike	LCS	LCS				%Rec	
Analyte		Added	Result	Qualifier	Unit	D	%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

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

Eurofins Albuquerque

6/18/2025

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

Client Sample ID: Method Blank

Prep Type: Total/NA

Analysis Batch: 27989

Matrix: Water

мв мв

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

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

Lab Sample ID: LCS 885-27989/2

Matrix: Water Analysis Batch: 27989

Spike LCS LCS %Rec Analyte Added Result Qualifier Unit D %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 Client Sample ID: Method Blank

Matrix: Water Prep Type: Total/NA **Analysis Batch: 28433** Prep Batch: 28175

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

Lab Sample ID: LCS 885-28175/5-A Client Sample ID: Lab Control Sample Prep Type: Total/NA

Matrix: Water

Analysis Batch: 28433 Prep Batch: 28175 Spike LCS LCS %Rec

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

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

Matrix: Water

Analysis Batch: 28433

Prep Batch: 28175 Spike MRL MRL %Rec

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

Prep Type: Total/NA

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 885-26097-1	Client Sample ID 833-10	Prep Type Total/NA	Matrix Water	Method 300.0	Prep Batch
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

Eurofins Albuquerque

6/18/2025

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Lab Chronicle

Client: EA Engineering Job ID: 885-26097-1

Project/Site: Big Sky Dairy

Client Sample ID: 833-10

Lab Sample ID: 885-26097-1

Matrix: Water

Date Collected: 06/04/25 13:45 Date Received: 06/05/25 09:20

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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 Job ID: 885-26097-1

Project/Site: Big Sky Dairy

Laboratory: Eurofins Albuquerque

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

uthority	Progra	am	Identification Number	Expiration Date
ew Mexico			NM9425, NM0901	02-27-26
• ,	are included in this report, bu	it the laboratory is not certif	ied by the governing authority. This li	st may include analyte
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	
regon	NELA	P	NM100001	02-26-26
• •	are included in this report, bu	it the laboratory is not certif	ied by the governing authority. This li	st may include analyte
Analysis Method	Prep Method	Matrix	Analyte	
351.2	351.2	Water	Nitrogen, Total Kjeldahl	

885-26097 COC

ANALYSIS LABORATORY HALL ENVIRONMENTAL

4901 Hawkins NE - Albuquerque, NM 87109

www.hallenvironmental com

Fax 505-345-4107

Tel. 505-345-3975

lindaarmstrong@zianet com

Project Manager

rmullen@eaest.com

QA/QC Package.

email or Fax#

Phone #

505-715-4279

320 Gold Ave SW Suite

"Billing Email"

□ Rush

Standard Standard

Project Name:

EA Engineering, Science, and Technology

Mailing Address:

Big Sky Daıry

Project #

Turn-Around Time.

Chain-of-Custody Record

Analysis Request

Total Sulfur

Sulfate EPA 300

Ohloride EPA 300

Cooler Tempinateris P. 7 4/5 7 = 0 Pac

LKN 321 5

- HEAL No.

Preservative

Type

Type and #

Sample Name

Matrix

Time 5451

Date

Sp

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Page 12 of 13

Container

Phosphorus A93 6010B

LDS 2W 5240 C WOD

Vitrate/Vitrites EPA Method 300.

0 □

M Yes

of Coolers;

Angel N. Rivera

Sampler On Ice;

☐ Level 4 (Full Validation)

☐ Az Compliance

Accreditation

□ Standard

□ Other_

□ NELAC

☐ EDD (Type)

Gina Mullen

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.

Remarks:

Time

Relinguished by.

Time

Date

Relinquished by

17.10

1-9

6/18/2025

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

Creator. Dominguez, Desiree		
Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>N/A</td> <td></td>	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 <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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ANALYTICAL REPORT

PREPARED FOR

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

JOB DESCRIPTION

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Bright Star Dairy

JOB NUMBER

885-25705-1

Eurofins Albuquerque 4901 Hawkins NE Albuquerque NM 87109



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

Vella

Generated 6/9/2025 5:53:27 PM

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

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Client: EA Engineering Project/Site: Bright Star Dairy Laboratory Job ID: 885-25705-1

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
QC Sample Results	9
QC Association Summary	12
Lab Chronicle	14
Certification Summary	15
Chain of Custody	16
Receipt Checklists	17

3

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Definitions/Glossary

Client: EA Engineering Job ID: 885-25705-1

Project/Site: Bright Star Dairy

Qualifiers

General Chemistry

Qualifier **Qualifier Description**

Result exceeded calibration range.

Glossary

DLC

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			

Estimated Detection Limit (Dioxin) EDL LOD Limit of Detection (DoD/DOE) LOQ Limit of Quantitation (DoD/DOE)

MCL EPA recommended "Maximum Contaminant Level" Minimum Detectable Activity (Radiochemistry) MDA MDC Minimum Detectable Concentration (Radiochemistry)

Decision Level Concentration (Radiochemistry)

MDL Method Detection Limit ML Minimum Level (Dioxin) MPN Most Probable Number MQL Method Quantitation Limit

NC Not Calculated

Not Detected at the reporting limit (or MDL or EDL if shown) ND

NEG Negative / Absent POS Positive / Present

PQL Practical Quantitation Limit

PRES Presumptive **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

Page 4 of 17

Case Narrative

Client: EA Engineering Job ID: 885-25705-1
Project: Bright Star Dairy

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

Page 5 of 17

9

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Client: EA Engineering Job ID: 885-25705-1

Project/Site: Bright Star Dairy

 Client Sample ID: 340-01
 Lab Sample ID: 885-25705-1

 Date Collected: 05/28/25 12:37
 Matrix: Water

Date Collected: 05/28/25 12:37

Date Received: 05/29/25 10:42

Matrix: Water

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

6/9/2025

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Client: EA Engineering Job ID: 885-25705-1

Project/Site: Bright Star Dairy

Client Sample ID: 70/86/340-01

Date Collected: 05/28/25 14:16 Date Received: 05/29/25 10:42

Nitrogen, Total Kjeldahl (EPA 351.2)

Lab Sample ID: 885-25705-2

06/05/25 17:02

Matrix: Water

Method: EPA 300.0 - Anions, Ion C	hromatograph	ny						
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

1.3

mg/L

06/02/25 16:41

ND

Q

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Client: EA Engineering Job ID: 885-25705-1

Project/Site: Bright Star Dairy

Client Sample ID: 86/340-01

Lab Sample ID: 885-25705-3

Matrix: Water

Date Collected: 05/28/25 15:45 Date Received: 05/29/25 10:42

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

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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

Analyte

Chloride

Sulfate

Analysis Batch: 27129

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

MB MB Unit Dil Fac Result Qualifier RL Prepared Analyzed ND 0.50 mg/L 05/29/25 09:25 ND 0.50 mg/L 05/29/25 09:25

Lab Sample ID: LCS 885-27129/5 **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA

Analysis Batch: 27129

		Spike	LCS	LCS				%Rec	
4	Analyte	Added	Result	Qualifier	Unit)	%Rec	Limits	
1	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 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 27129

	Spike	MRL	MRL				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 27130

MB MB

Analyte	Result	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 **Client Sample ID: Lab Control Sample Matrix: Water**

Analysis Batch: 27130

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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 **Client Sample ID: Lab Control Sample Matrix: Water**

Analysis Batch: 27130

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

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Prep Type: Total/NA

Prep Type: Total/NA

Client: EA Engineering

Project/Site: Bright Star Dairy

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

Lab Sample ID: MB 885-27386/1 Client Sample ID: Method Blank

Matrix: Water

Analysis Batch: 27386

	MR MR						
Analyte	Result 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 **Client Sample ID: Lab Control Sample Matrix: Water**

Prep Type: Total/NA

Prep Batch: 27406

Prep Type: Total/NA Prep Batch: 27406

Job ID: 885-25705-1

Prep Type: Total/NA

Analysis Batch: 27386

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 27727

	IVID	IAID						
Analyte	Result	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 Client Sample ID: Lab Control Sample Prep Type: Total/NA

Matrix: Water

Analysis Batch: 27727

Prep Batch: 27406 Spike LCS LCS %Rec Analyte Added Result Qualifier Unit %Rec Limits Nitrogen, Total Kjeldahl 10.0 10.0 90 - 110 mg/L

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

Matrix: Water

Analysis Batch: 27727

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

Lab Sample ID: MB 885-27676/3-A Client Sample ID: Method Blank

Matrix: Water

Analysis Batch: 27795

Prep Type: Total/NA Prep Batch: 27676 MB MB

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

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

Matrix: Water

Matrix: Water							Prep '	Type: Total/N	NΑ
Analysis Batch: 27795							Prep	Batch: 276	76
	Spike	LCS	LCS				%Rec		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Nitrogen Total Kieldahl		10.2		ma/l		102	90 110		

Eurofins Albuquerque

QC Sample Results

Client: EA Engineering Job ID: 885-25705-1

Project/Site: Bright Star Dairy

Method: 351.2 - Nitrogen, Total Kjeldahl (Continued)

Lab Sample ID: MRL 885-27676/4-A

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 27795

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 27676

	Spike	WIKL	WIKL				%Rec
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits
Nitrogen, Total Kjeldahl	0.500	ND		mg/L		95	50 - 150

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QC Association Summary

Client: EA Engineering Job ID: 885-25705-1 Project/Site: Bright Star Dairy

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

Eurofins Albuquerque

QC Association Summary

Client: EA Engineering Job ID: 885-25705-1

Project/Site: Bright Star Dairy

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

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Lab Chronicle

Client: EA Engineering Job ID: 885-25705-1 Project/Site: Bright Star Dairy

Client Sample ID: 340-01 Date Collected: 05/28/25 12:37

Date Received: 05/29/25 10:42

Lab Sample ID: 885-25705-1

Matrix: Water

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

Client Sample ID: 70/86/340-01

Date Collected: 05/28/25 14:16 Date Received: 05/29/25 10:42

Lab Sample ID: 885-25705-2

Matrix: Water

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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

Date Collected: 05/28/25 15:45 Date Received: 05/29/25 10:42

Lab Sample ID: 885-25705-3

Matrix: Water

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	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

6/9/2025

Page 14 of 17

Accreditation/Certification Summary

Client: EA Engineering Job ID: 885-25705-1

Project/Site: Bright Star Dairy

Laboratory: Eurofins Albuquerque

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

Authority	Progra	am	Identification Number	Expiration Date
New Mexico	State		NM9425, NM0901	02-27-26
• •	are included in this report, bu	it the laboratory is not certif	ied by the governing authority. This lis	st may include analyte
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	NELA	P	NM100001	02-26-26
• ,	are included in this report, bu	it the laboratory is not certif	ied by the governing authority. This lis	st may include analyte
Analysis Method	Prep Method	Matrix	Analyte	
351.2	351.2	Water	Nitrogen, Total Kjeldahl	

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Page 16 of 17

Turn-Around Time

Login Sample Receipt Checklist

Client: EA Engineering Job Number: 885-25705-1

Login Number: 25705 List Source: Eurofins Albuquerque

List Number: 1

<6mm (1/4").

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	True	

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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 4901 Hawkins NE Albuquerque NM 87109



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

Waller

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

Authorized for release by Victoria Zellar, Project Manager Victoria.Zellar@et.eurofinsus.com (505)345-3975 3

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Client: EA Engineering

Laboratory Job ID: 885-25774-1

Project/Site: Buena Vista Dairy 2

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
QC Sample Results	9
QC Association Summary	12
Lab Chronicle	13
Certification Summary	14
Chain of Custody	15
Receipt Checklists	16

5

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Definitions/Glossary

Client: EA Engineering Job ID: 885-25774-1

Project/Site: Buena Vista Dairy 2

Qualifiers

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

LOD

LOQ

MCL

MDA MDC

- · · · · · · · · ·	
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)

Limit of Detection (DoD/DOE) Limit of Quantitation (DoD/DOE) EPA recommended "Maximum Contaminant Level" Minimum Detectable Activity (Radiochemistry)

Minimum Detectable Concentration (Radiochemistry) MDL Method Detection Limit ML Minimum Level (Dioxin) MPN Most Probable Number Method Quantitation Limit MQL

NC Not Calculated

Not Detected at the reporting limit (or MDL or EDL if shown) ND

NEG Negative / Absent POS Positive / Present

PQL Practical Quantitation Limit

PRES Presumptive **Quality Control** QC

RER Relative Error Ratio (Radiochemistry)

Reporting Limit or Requested Limit (Radiochemistry) RL

RPD Relative Percent Difference, a measure of the relative difference between two points

Toxicity Equivalent Factor (Dioxin) TEF 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 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

Page 5 of 16

9

Job ID: 885-25774-1

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Client: EA Engineering Job ID: 885-25774-1

Project/Site: Buena Vista Dairy 2

Client Sample ID: 74-03

Date Received: 05/30/25 10:42

Total Dissolved Solids (SM 2540C)

Nitrogen, Total Kjeldahl (EPA 351.2)

Lab Sample ID: 885-25774-1 Date Collected: 05/29/25 10:20

Matrix: Water

06/04/25 14:57

06/09/25 13:57

06/06/25 11:54

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

100

0.50

mg/L

mg/L

1400

ND

Client: EA Engineering Job ID: 885-25774-1

Project/Site: Buena Vista Dairy 2

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

351.2)

Method: EPA 300.0 - Anions, Ion C	hromatograp	ohy						
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 Kieldahl (EPA	42		0.50	ma/L		06/06/25 11:54	06/09/25 14:01	1

Client: EA Engineering Job ID: 885-25774-1

Project/Site: Buena Vista Dairy 2

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 C	hromatograp	ohy						
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

Client: EA Engineering

Project/Site: Buena Vista Dairy 2

Job ID: 885-25774-1

Prep Type: Total/NA

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-27230/58 Client Sample ID: Method Blank

Matrix: Water

Analysis Batch: 27230

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

Lab Sample ID: LCS 885-27230/59 Client Sample ID: Lab Control Sample **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 27230

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

Lab Sample ID: MRL 885-27230/3 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 27230

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

Lab Sample ID: 885-25774-1 MS Client Sample ID: 74-03 **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 27230

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

Lab Sample ID: 885-25774-1 MSD

Matrix: Water

Analysis Batch: 27230

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

Lab Sample ID: MB 885-27231/58 Client Sample ID: Method Blank **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 27231

MB MB

Analyte	Result 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 Client Sample ID: Lab Control Sample

Matrix: Water

Analysis Batch: 27231

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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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Client Sample ID: 74-03

Prep Type: Total/NA

Prep Type: Total/NA

Job ID: 885-25774-1

Client: EA Engineering

Project/Site: Buena Vista Dairy 2

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

Client Sample ID: 74-03

Client Sample ID: 74-03

Prep Type: Total/NA

Prep Type: Total/NA

Spike MRL MRL %Rec Added Analyte Result Qualifier Unit %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 50 - 150 mg/L 99

Lab Sample ID: 885-25774-1 MS

Matrix: Water

Analysis Batch: 27231

Sample Sample Spike MS MS %Rec Qualifier Added Analyte Result Result Qualifier %Rec I imits Unit 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

7 mary or Datom 27 20 1											
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	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

	MB	MB						
Analyte	Result	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 Ratch: 27507

Alialysis Dalcii. 21331							
	Spike	LCS	LCS			%Rec	
Analyte	Added	Result	Qualifier Unit	. D	%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

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

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

Client Sample ID: Lab Control Sample

QC Sample Results

Client: EA Engineering Job ID: 885-25774-1

Project/Site: Buena Vista Dairy 2

Method: 351.2 - Nitrogen, Total Kjeldahl (Continued)

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

Lab Sample ID: 885-25774-1 MS

Lab Sample ID: 885-25774-1 MSD

Lab Sample ID: LCS 885-27776/5-A Matrix: Water					Client	Sample		ontrol Sample Type: Total/NA
Analysis Batch: 27894							Prep	Batch: 27776
	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Nitrogen, Total Kjeldahl	10.0	9.97		mg/L		100	90 - 110	

Matrix: Water							Prep 1	Type: Tota	al/NA
Analysis Batch: 27894							Prep	Batch: 2	27776
	Spike	MRL	MRL				%Rec		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Nitrogen, Total Kjeldahl	0.500	ND		mg/L		92	50 - 150		

Matrix: Water Analysis Batch: 27894									•	Type: Total/NA b Batch: 27776
	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Nitrogen Total Kieldahl	ND		10.0	10.6		ma/l		106	90 110	

watrix: water									Prep	Type: 10	tai/NA
Analysis Batch: 27894									Pre	p Batch:	27776
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Nitrogen, Total Kjeldahl	ND		10.0	10.9		mg/L		109	90 - 110	3	20

Client Sample ID: Lab Control Sample

Client Sample ID: 74-03

Client Sample ID: 74-03

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	<u> </u>
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	
CS 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

Page 12 of 16

5

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6/10/2025

Lab Chronicle

Client: EA Engineering Job ID: 885-25774-1

Project/Site: Buena Vista Dairy 2

Client Sample ID: 74-03

Date Collected: 05/29/25 10:20 Date Received: 05/30/25 10:42 Lab Sample ID: 885-25774-1

Matrix: Water

_	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	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

Date Collected: 05/29/25 11:43 Date Received: 05/30/25 10:42 Lab Sample ID: 885-25774-2

Matrix: Water

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	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

Date Collected: 05/29/25 13:40 Date Received: 05/30/25 10:42 Lab Sample ID: 885-25774-3

Matrix: Water

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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

Page 13 of 16

6/10/2025

Accreditation/Certification Summary

Client: EA Engineering Job ID: 885-25774-1

Project/Site: Buena Vista Dairy 2

Laboratory: Eurofins Albuquerque

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

Authority	Progr	am	Identification Number	Expiration Date	
New Mexico	State		NM9425, NM0901	02-27-26	
The following analytes	are included in this report, bu	it the laboratory is not certif	fied by the governing authority. This lis	st may include analyte	
for which the agency d	oes 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	NELA	P	NM100001	02-26-26	
The following analytes	are included in this report, but	it the laboratory is not certif	fied by the governing authority. This lis	st may include analyte:	
for which the agency d	oes not offer certification.	,	, , ,	•	
Analysis Method	Prep Method	Matrix	Analyte		
351.2	351.2	Water	Nitrogen, Total Kjeldahl		

3

4

9

10

Page 15 of 16

6/10/2025

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	Somment
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	

6/10/2025

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 4901 Hawkins NE Albuquerque NM 87109



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

Vella

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

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

Page 2 of 14 6/10/2025

2

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Client: EA Engineering

Laboratory Job ID: 885-25812-1 Project/Site: Buena Vista Dairy 2

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	
Client Sample Results	6
QC Sample Results	8
QC Association Summary	10
Lab Chronicle	11
Certification Summary	12
Chain of Custody	13
Receipt Checklists	14

Definitions/Glossary

Client: EA Engineering Job ID: 885-25812-1

Project/Site: Buena Vista Dairy 2

Glossary

ML

MPN

MQL

NC

ND

NEG

POS

PQL

QC RER

RL

RPD TEF

TEQ

TNTC

PRES

Minimum Level (Dioxin)

Most Probable Number

Not Calculated

Negative / Absent

Positive / Present

Presumptive Quality Control

Method Quantitation Limit

Practical Quantitation Limit

Relative Error Ratio (Radiochemistry)

Toxicity Equivalent Factor (Dioxin)

Too Numerous To Count

Toxicity Equivalent Quotient (Dioxin)

Reporting Limit or Requested Limit (Radiochemistry)

Relative Percent Difference, a measure of the relative difference between two points

Not Detected at the reporting limit (or MDL or EDL if shown)

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

Eurofins Albuquerque

Case Narrative

Client: EA Engineering Project: Buena Vista Dairy 2

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.

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Job ID: 885-25812-1

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Client: EA Engineering Job ID: 885-25812-1

Project/Site: Buena Vista Dairy 2

Date Collected: 05/30/25 10:55

Date Received: 06/02/25 09:35

Nitrogen, Total Kjeldahl (EPA 351.2)

Client Sample ID: 74-04

Lab Sample ID: 885-25812-1

06/06/25 11:54

Matrix: Water

Prepared	Analyzed	Dil Fac
	06/05/25 12:45	10

06/09/25 14:51

Method: EPA 300.0 - Anions, ion Ci	nromatograp	ny						
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
	Analyte Chloride Nitrate Nitrite as N General Chemistry Analyte	Analyte Result Chloride 590 Nitrate Nitrite as N 10 General Chemistry Analyte Result	Chloride 590 Nitrate Nitrite as N 10 General Chemistry Analyte Result Qualifier	Analyte Result Qualifier RL Chloride 590 5.0 Nitrate Nitrite as N 10 1.0 General Chemistry Analyte Result Qualifier RL	Analyte Result Chloride Qualifier RL Property Unit May 1.0 Nitrate Nitrite as N 10 1.0 mg/L General Chemistry Analyte Result Qualifier RL Unit	Analyte Result Chloride Qualifier RL D Unit D D Chloride 590 5.0 mg/L mg/L Nitrate Nitrite as N 10 1.0 mg/L General Chemistry Analyte Result Qualifier RL Unit D	Analyte Result Qualifier RL Unit D Prepared Chloride 590 5.0 mg/L Nitrate Nitrite as N 10 1.0 mg/L General Chemistry Analyte Result Qualifier RL Unit D Prepared	Analyte Result Chloride Qualifier RL Prepared Unit Description Prepared Prepared Analyzed O6/05/25 12:45 Nitrate Nitrite as N 10 1.0 mg/L 06/05/25 16:41 General Chemistry Analyte Result Qualifier RL Unit D Prepared Analyzed

0.50

mg/L

ND

Client: EA Engineering Job ID: 885-25812-1

Project/Site: Buena Vista Dairy 2

Client Sample ID: 74-05

Lab Sample ID: 885-25812-2

Matrix: Water

Date Collected: 05/30/25 13:15 Date Received: 06/02/25 09:35

Method: EPA 300.0 - Anions, Ion C	hromatograp	ohy						
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

Job ID: 885-25812-1

Prep Type: Total/NA

Prep Type: Total/NA

Prep Type: Total/NA

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample

Client Sample ID: Method Blank

Client: EA Engineering

Project/Site: Buena Vista Dairy 2

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-27555/4

Matrix: Water

Analyte

Chloride

Analysis Batch: 27555

Prep Type: Total/NA

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

Lab Sample ID: LCS 885-27555/5

Matrix: Water

Analysis Batch: 27555

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

Lab Sample ID: MRL 885-27555/3

Matrix: Water

Analysis Batch: 27555

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

Lab Sample ID: MB 885-27556/4

Matrix: Water

Analysis Batch: 27556

мв мв

Analyte	Result 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

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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

Analysis Baton. 27 000								
	Spike	MRL	MRL				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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

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

Eurofins Albuquerque

6/10/2025

Page 8 of 14

ac

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

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

QC Sample Results

Client: EA Engineering Job ID: 885-25812-1

Project/Site: Buena Vista Dairy 2

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

Lab Sample ID: LCS 885-27697/2 **Client Sample ID: Lab Control Sample**

Matrix: Water

Analysis Batch: 27697									
	Spike	LCS	LCS				%Rec		
Analyte	Added	Result	Qualifier	Unit	D	%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 Client Sample ID: Lab Control Sample **Matrix: Water** Prep Type: Total/NA Analysis Batch: 27894 Prep Batch: 27776 Spike MRL MRL

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

Lab Sample ID: MB 885-27777/1-A Client Sample ID: Method Blank

Matrix: Water Prep Type: Total/NA Prep Batch: 27777 **Analysis Batch: 27894** MB MB

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

Lab Sample ID: LCS 885-27777/3-A Client Sample ID: Lab Control Sample **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 27894

Spike LCS LCS %Rec

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

Lab Sample ID: MRL 885-27777/2-A Client Sample ID: Lab Control Sample **Matrix: Water**

Analysis Batch: 27894

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

Prep Batch: 27777

Prep Type: Total/NA

Prep Type: Total/NA Prep Batch: 27777

QC Association Summary

Client: EA Engineering

Job ID: 885-25812-1 Project/Site: Buena Vista Dairy 2

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 Batc
885-25812-1	74-04	Total/NA	Water	300.0	<u> </u>
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

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Lab Chronicle

Client: EA Engineering Job ID: 885-25812-1

Project/Site: Buena Vista Dairy 2

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

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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

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Accreditation/Certification Summary

Client: EA Engineering Job ID: 885-25812-1

Project/Site: Buena Vista Dairy 2

Laboratory: Eurofins Albuquerque

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

Authority	Progra	am	Identification Number	Expiration Date	
New Mexico	State		NM9425, NM0901	02-27-26	
The following analytes	are included in this report, bu	it the laboratory is not certif	fied by the governing authority. This lis	t may include analyte	
for which the agency d	oes 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	NELA	P	NM100001	02-26-26	
The following analytes	are included in this report, bu	it the laboratory is not certif	fied by the governing authority. This lis	t may include analyte	
for which the agency de	oes not offer certification.				
Analysis Method	Prep Method	Matrix	Analyte		
351.2	351.2	Water	Nitrogen, Total Kjeldahl		

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4

6

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9

10

Page 13 of 14

6/10/2025

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

Generated 6/23/2025 11:23:19 AM

JOB DESCRIPTION

Dona Ana Dairies

JOB NUMBER

885-26820-1

Eurofins Albuquerque 4901 Hawkins NE Albuquerque NM 87109



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

Vella

Generated 6/23/2025 11:23:19 AM

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

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6/23/2025

Laboratory Job ID: 885-26820-1

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
QC Sample Results	9
QC Association Summary	12
Lab Chronicle	14
Certification Summary	15
Chain of Custody	16
Receipt Checklists	18

A

5

6

8

9

10

Definitions/Glossary

Client: EA Engineering Job ID: 885-26820-1

Project/Site: Dona Ana Dairies

Qualifiers

HPLC/IC

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

General Chemistry

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

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Case Narrative

Client: EA Engineering
Project: Dona Ana Dairies

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.

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Job ID: 885-26820-1

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Client: EA Engineering Job ID: 885-26820-1

Project/Site: Dona Ana Dairies

Client Sample ID: DAD-01 Lab Sample ID: 885-26820-1

Date Collected: 06/13/25 10:25

Date Received: 06/14/25 11:45

Matrix: Water

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

6/23/2025

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Client: EA Engineering Job ID: 885-26820-1

Project/Site: Dona Ana Dairies

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

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

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Client: EA Engineering Job ID: 885-26820-1

Project/Site: Dona Ana Dairies

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

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
	1.5		0.20	mg/L		06/18/25 19:03	06/20/25 14:28	

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Job ID: 885-26820-1

Client Sample ID: Method Blank

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-28425/4

Matrix: Water

Analysis Batch: 28425

Prep Type: Total/NA

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

Lab Sample ID: LCS 885-28425/5 Client Sample ID: Lab Control Sample

Matrix: Water Prep Type: Total/NA

Analysis Batch: 28425

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

Lab Sample ID: MRL 885-28425/3 Client Sample ID: Lab Control Sample

Matrix: Water Prep Type: Total/NA

Analysis Batch: 28425 %Rec Spike MRL MRL

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

Lab Sample ID: MB 885-28426/4 Client Sample ID: Method Blank **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 28426

мв мв

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

Lab Sample ID: LCS 885-28426/5 Client Sample ID: Lab Control Sample

Matrix: Water

Analysis Batch: 28426

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

Lab Sample ID: MRL 885-28426/3 Client Sample ID: Lab Control Sample **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 28426

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

Lab Sample ID: MB 885-28713/4 Client Sample ID: Method Blank

Matrix: Water

Analysis Batch: 28713

MB MB

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

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6/23/2025

Prep Type: Total/NA

Prep Type: Total/NA

Job ID: 885-26820-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-28713/5

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

Matrix: Water

Analysis Batch: 28713

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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 Client Sample ID: Lab Control Sample Prep Type: Total/NA

Matrix: Water

Analysis Batch: 28713

Spike MRL MRL %Rec Added Analyte Result Qualifier %Rec Limits Unit 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 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 28596

	MB	MB						
Analyte	Result	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 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 28596

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

Lab Sample ID: MB 885-28620/1 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 28620

	D							
Analyte		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 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 28620

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

Job ID: 885-26820-1

Method: 351.2 - Nitrogen, Total Kjeldahl

Lab Sample ID: MB 860-243439/31-A	Client Sample ID: Method Blank
Matrix: Water	Prep Type: Total/NA

Matrix: Water

Analysis Batch: 244029

						Prep Batch:	243439
MB	MB						
Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
ND		0.20			06/18/25 10:04	06/10/25 23:48	

Lab Sample ID: MB 860-243439/4-A

Matrix: Water

Nitrogen, Kjeldahl

Analyte Nitrogen, Kjeldahl

Analysis Batch: 244029

	MB	MB

Analyte

MB	MB
Pocult	Oualific

Result	Qualifier	
ND		

0.20

RL Unit mg/L

D

Prepared 06/18/25 19:03

Analyzed 06/20/25 14:50

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 243439

Dil Fac

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

%Rec

Lab Sample ID: LCS 860-243439/32-A **Matrix: Water**

Analysis Batch: 244029

Allulysis	Dateii.	277023	

Allalyto	
Nitrogen, Kjeldahl	

Spike Added 2.00

Spike

Added

2.00

Spike

Added

0.200

LCS LCS Result Qualifier 2.15

LCSD LCSD

LLCS LLCS

0.275

Result Qualifier

2.08

Result Qualifier

Unit mg/L

Unit

mg/L

Unit

mg/L

Limits 108 90 - 110

Client Sample ID: Lab Control Sample Dup

Prep Batch: 243439

Lab Sample ID: LCSD 860-243439/33-A **Matrix: Water**

Nitrogen, Kjeldahl

Analysis Batch: 244029

Analyte

Lab Sample ID: LLCS 860-243439/5-A

Matrix: Water Analysis Batch: 244029

Analyte Nitrogen, Kjeldahl

Prep Type: Total/NA

Prep Batch: 243439 %Rec **RPD** Limit

Client Sample ID: Lab Control Sample

Limits

90 - 110

Prep Type: Total/NA **Prep Batch: 243439**

%Rec

50 - 150

%Rec Limits

%Rec

104

QC Association Summary

Client: EA Engineering

Job ID: 885-26820-1

Project/Site: Dona Ana Dairies

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 Batc
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 Batcl
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

Eurofins Albuquerque

6/23/2025

Page 12 of 19

6

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QC Association Summary

Client: EA Engineering Job ID: 885-26820-1

Project/Site: Dona Ana Dairies

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

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Lab Chronicle

Client: EA Engineering Job ID: 885-26820-1 Project/Site: Dona Ana Dairies

Client Sample ID: DAD-01

Lab Sample ID: 885-26820-1

Matrix: Water

Date Collected: 06/13/25 10:25 Date Received: 06/14/25 11:45

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	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

Lab Sample ID: 885-26820-2

Matrix: Water

Date Collected: 06/13/25 11:36 Date Received: 06/14/25 11:45

Client Sample ID: DAD-13

Batch Dilution Batch Prepared Prep Type Type Method Run Factor Number Analyst Lab or Analyzed

riep type	Type	Wethou	ixuii	i actor	Number	Allalyst	Lab	Of Allalyzeu
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

Matrix: Water

Date Collected: 06/13/25 14:55 Date Received: 06/14/25 11:45

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

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

Page 14 of 19

6/23/2025

Accreditation/Certification Summary

Client: EA Engineering

Job ID: 885-26820-1

Project/Site: Dona Ana Dairies

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
for which the agency do	es not offer certification.	,	fied by the governing authority. This	list may include analytes
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

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6/23/2025

Chain of Custody Record

Eurofins Albuquerque 4901 Hawkins NE Albuquerque NM 87109	0	Chain of Custody Record	of Cust	lody F	ecord							🔆 eurofins	ofins		
Phone: 505-345-3975 Fax: 505-345-4107								ß						Cityricia	mayor orange results
Client Information (Sub Contract Lab)	N/A		i 	Lab PM: Zeliar	Lab PM: Zellar Victoria	l		N/A	Carrier Tracking No(s): N/A	g No(s):		COC No: 885-5363.1	<u>ت</u>		
	Phone: N/A			E-Mail: Victor	E-Mail: Victoria Zellar@et.eurofinsus.com	et eurofins	us.com	N. St	State of Origin: New Mexico			Page: Page 1 of 1	of 1		
Company: Eurofins Environment Testing South Centr			ì		Accreditations Required (See note): NELAP Oregon; State New Mr	s Required (S) regon; Sta	te New N	sico		į		Job # 885-26	20-1		
Address: 4145 Greenbriar Dr	Due Date Requested: 6/23/2025	A					Analysis	is Requested	sted			Preserv	Preservation Codes:	les:	
City: Stafford	TAT Requested (days):	ys): N/A				\exists		<u></u>	1	一					
State, Zip: TX, 77477					TKN)										
Phone: 281-240-4200(Tel)	N/A #										aproxima	<u> </u>			
Email: N/A	WO#				No)					***···································	re .	<u>Violentoise</u>			
Project Name: Dona Ana Dairies	Project #: 88501155				es or			·			viaine				
Site:	SSOW#				ISD (1						ofco	Other-			
			Sample Type	Matrix {w=water	iltered m MS/A 61.2_Pre		·				lumber				
Sample identification Client ID (Lab ID)	Sample Date	Sample Time	(C=comp,	Sesolid, Oewaste/oli, Tellissie, Acair)	Perfor						Total f		pecial In:	Special Instructions/Note:	Note:
			Preservation Code:	on Code:	XX										
DAD-01 (885-26820-1)	6/13/25	10:25 Mountain	G	Water	×						-4				
DAD-13 (885-26820-2)	6/13/25	11:36 Mountain	ഒ	Water	×						-				
DAD-11 (885-26820-3)	6/13/25	14.55 Mountain	G	Water	×										
												20,000			
												53 S			
Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not purpose the change of the ch	ment Testing South Cent	ral, LLC places	the ownership	of method, a	alyte & accreu	ditation complete to the Furgi	iance upon o	ur subcontra	ct laborator	les. This sa	mple shipn	ent is forwa	rded under	chain-of-cust	tody. If the
accreditation status should be brought to Eurotins Environment I esting South	Central, LLC attention in	nmediately. If a	all requested ac	creditations	re current to d	rrent to date, return the signed Chair	e signed Cha	in of Custod	of Custody attesting to said compilance to Eurofins Environment Testing Sou	said comp	lance to E	irofins Envi	ronment Te	sting South C	ientral, LLC.
Unconfirmed						Return To Client	lient		Disposal By Lab	ab	☐ Arc/	Archive For		Months	
Deliverable Requested: I, II, III, IV Other (specify)	Primary Deliverable Rank: 2	ble Rank: 2			Special	Special Instructions/QC Requ	s/QC Requ	51					/		
Empty Kit Relinquished by		Date:			Time:		_		Method o	Method of Shipment	8				
Reinquished by:	Date/Time:	2	25000000000000000000000000000000000000	Company	Rec	Received by:				Date/Jime:	B 8	i,		Company	
Relinquished by	Date/Time:		0	Company	Rec	Received by:		\$	1	Date/Time:				Company	
Custody Seals Intact: Custody Seal No.					Cool	Cooler Temperature(s) °C and	re(s) °C and		瑟	(N)			\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		
	!	!		!				·	d			-		Ver 10/10/2024)/2024

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	

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Login Sample Receipt Checklist

Client: EA Engineering Job Number: 885-26820-1

Login Number: 26820
List Source: Eurofins Houston
List Number: 2
List Creation: 06/17/25 10:47 AM

Creator: Torrez, Lisandra

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	True	

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<6mm (1/4").

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 4901 Hawkins NE Albuquerque NM 87109



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

6/26/2025

Laboratory Job ID: 885-26911-1

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	
Client Sample Results	6
QC Sample Results	
QC Association Summary	12
Lab Chronicle	14
Certification Summary	15
Chain of Custody	16
Receipt Checklists	18

5

6

8

9

Definitions/Glossary

Client: EA Engineering Job ID: 885-26911-1

Project/Site: Dona Ana Dairies

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)

Minimum Detectable Concentration (Radiochemistry) MDL Method Detection Limit MLMinimum 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 **Quality Control** QC

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

3

6/26/2025

Case Narrative

Client: EA Engineering Project: Dona Ana Dairies

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.

Job ID: 885-26911-1

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Client: EA Engineering Job ID: 885-26911-1

Project/Site: Dona Ana Dairies

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

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: EA Engineering Job ID: 885-26911-1

Project/Site: Dona Ana Dairies

Client Sample ID: DAD-06R Lab Sample ID: 885-26911-2

Matrix: Water

Date Collected: 06/16/25 13:25 Date Received: 06/17/25 08:57

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

6/26/2025

Client: EA Engineering Job ID: 885-26911-1

Project/Site: Dona Ana Dairies

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

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, Kieldahl (EPA 351.2)	1.2		0.20	mg/L		06/19/25 12:26	06/20/25 16:42	1

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Job ID: 885-26911-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-28425/4

Lab Sample ID: LCS 885-28425/5

Matrix: Water

Matrix: Water

Analysis Batch: 28425

Client Sample ID: Method Blank

Prep Type: Total/NA

MB MB

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

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analysis Batch: 28425

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

Lab Sample ID: MRL 885-28425/3 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 28425

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

Lab Sample ID: MB 885-28426/4 Client Sample ID: Method Blank **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 28426

мв мв

Analyte	Result Qu	ualifier 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 Client Sample ID: Lab Control Sample Prep Type: Total/NA

Matrix: Water

Analysis Batch: 28426

•	Spike	LCS	LCS				%Rec		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Nitrate	 2.50	2.57		mg/L		103	90 - 110		_
Nitrite	1.00	0 947		ma/l		95	90 110		

Lab Sample ID: MRL 885-28426/3 Client Sample ID: Lab Control Sample Prep Type: Total/NA

Matrix: Water

Analysis Batch: 28426

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

Lab Sample ID: 885-26911-1 MS Client Sample ID: DAD-23 Prep Type: Total/NA

Matrix: Water

Analysis Batch: 28426

Analysis Batch. 20420	Sample	Sample	Spike	MS	MS				%Rec
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits
Nitrate	19		25.0	43.6		mg/L		98	80 - 120
Nitrite	ND		10.0	8.95		mg/L		90	80 - 120

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6/26/2025

Client: EA Engineering

Job ID: 885-26911-1 Project/Site: Dona Ana Dairies

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 885-26911-1 MSD **Client Sample ID: DAD-23** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 28426

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	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 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 28725

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

Client Sample ID: Lab Control Sample Lab Sample ID: LCS 885-28725/2 **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 28725

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 244080

	MB	MB						
Analyte	Result	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 Client Sample ID: Method Blank

Matrix: Water

Analysis Batch: 244080

	MR MR						
Analyte	Result 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 **Client Sample ID: Lab Control Sample** Matrix: Water

Matrix. Water							Fieb lyb	e. Iotai/NA
Analysis Batch: 244080							Prep Bat	ch: 243634
	Spike	LCS L	LCS				%Rec	
Analyte	Added	Result C	Qualifier	Unit	D	%Rec	Limits	

79.0

mg/L

Lab Sample ID: LCS 860-243634/6-A **Client Sample ID: Lab Control Sample**

76.9

Nitrogen, Kjeldahl

Matrix: Water							Prep ⁻	Type: Total/NA
Analysis Batch: 244080							Prep	Batch: 243634
	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Nitrogen, Kjeldahl	2.00	2.11	-	mg/L		105	90 - 110	

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Prep Type: Total/NA **Prep Batch: 243634**

Pron Type: Total/NA

Prep Batch: 243634

90 - 110

6/26/2025

QC Sample Results

Client: EA Engineering

Job ID: 885-26911-1

Project/Site: Dona Ana Dairies

Method: 351.2 - Nitrogen,	Total Kjeldahl	(Continued)
---------------------------	----------------	-------------

Lab Sample ID: LCSD 860-243634/29-A	Client Sample ID: Lab Control Sample Dup						e Dup		
Matrix: Water							Prep 1	ype: To	tal/NA
Analysis Batch: 244080							Prep I	Batch: 2	43634
	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Nitrogen, Kjeldahl	78.4	81.3		mg/L		104	90 - 110	3	20

Lab Sample ID: LCSD 860-243634/35-A	Client Sample ID: Lab Control Sample Du						e Dup		
Matrix: Water							Prep ⁻	Type: To	tal/NA
Analysis Batch: 244080							Prep	Batch: 2	43634
	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Nitrogen, Kjeldahl	2.00	2.07		mg/L		104	90 - 110	2	20

Lab Sample ID: LLCS 860-243634/5-A					Client	Sample	ID: Lab C	ontrol Sample
Matrix: Water							Prep 7	Type: Total/NA
Analysis Batch: 244080							Prep	Batch: 243634
	Spike	LLCS	LLCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Nitrogen, Kjeldahl	0.200	0.203		mg/L		102	50 - 150	

6/26/2025

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QC Association Summary

Client: EA Engineering Job ID: 885-26911-1 Project/Site: Dona Ana Dairies

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

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Page 12 of 19

QC Association Summary

Client: EA Engineering Job ID: 885-26911-1

Project/Site: Dona Ana Dairies

General Chemistry (Continued) Analysis Batch: 244080 (Continued)

Lab Sample ID Client Sample ID Matrix Method Prep Batch Prep Type 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

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Lab Chronicle

Client: EA Engineering Job ID: 885-26911-1

Project/Site: Dona Ana Dairies

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

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	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

_	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	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	СТ	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

Eurofins Albuquerque

Accreditation/Certification Summary

Client: EA Engineering Job ID: 885-26911-1 Project/Site: Dona Ana Dairies

Laboratory: Eurofins Albuquerque

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

Authority	Prog	ram	Identification Number	Expiration Date
New Mexico	State		NM9425, NM0901	02-27-26
• •	•	ut the laboratory is not certif	fied by the governing authority. This	s list may include analyte
,	oes not offer certification.	Matrice	A I 4 -	
Analysis Method	Prep Method	Matrix	Analyte	
2540C		Water	Total Dissolved Solids	
300.0		Water	Chloride	
300.0		Water	Nitrate	
300.0		Water	Nitrite	
	NELA		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

6/26/2025

Chain of Custody Record

Eurofins Albuquerque

Euromis Albuquerque 4901 Hawkins NE Albuquerme MM 87406	Chain of Custody Record	,		🔅 eurofins
Aboundary 1 Mari 27 103 Phone: 505-345-3975 Fax: 505-345-4107				Surgar resulting
	Sampler	Lab PM:	Carrier Tracking No(s):	COC No:
Client Information (Sub Contract Lab)	N/A	Zellar Victoria	N/A	885-5370.1
	Phone:	E-Mail:	State of Origin;	Page:

Company Comp	
N/A Sample Date Sample Date	
The Sequested (days): Second Central Second Centra	sate of Organ, ia. Zellar@et.eurofinsus.com New Mexico
Tat Requested (days) Tat Requested (days) NA	Accreditations Required (See note): NET AB Organize Sets Marie Marian
Tar Requested (days)	W INCALLO
TAT Requested (days): N/A N/A	Preservation Codes: Analysis Requested
NO #	
NA	(IXI)
Name:	
a Ana Dairies 88501155 a Ana Dairies 88501155 a Ana Dairies 88501155 a Ana Dairies 88501155 SSOW#: Type Sample (C=Comp., o-waste) Br. Time G=grab) Br. Time G=g-grab)	NO)
Sample Sample Sample Matrix Sample Sample Sample Matrix Sample Sample Sample Matrix Sample S	Kleiq:
Sample (C=Comp, Composition of the Composition of the C=Comp, Composition of the C=Composition of the C=C	leŝoTq
Sample Date Time G=grab) Br-nass Analy B	bereill∓b Al&M rmot
6/16/25 11:00 G Water 6/16/25 Mountain G Water 15:30 G Water 16:30 G Water	014
6/16/25 Mountain G Water 6/16/25 Mountain G Water 15:30 G Water 16:30 G Water	
6/16/25 13.25 G Water Mountain G Water 6/16/25 Mountain G Water	
6/16/25 15:30 G Water Mountain G Water	

Word: Surge absorbed to subject to crange, Europhan Testing South Central ILLC places the ownership of nethod, analyte & accreditation conditione upon our subcontractal blocations. This sample shipment is forwarded under chain-of-Caustody. If the News Surged and the State of Origin listed above for analysis Resist/native being analyzed, the samples must be shipped back to the Eurofine South Central, LLC absorbed above for analysis Resist/native being analyzed, the samples must be shipped back to the Eurofine South Central, LLC absorbed above for analysis Resistance accreditation status should be brought to Eurofine Eurofine Eurofine Eurofine South Central, LLC altertion immediately if all requested accreditations are current to date, return the signed Chain of Custody attesting South Central, LLC attention immediately accreditation is accurated to date, return the signed Chain of Custody attesting South Central, LLC attention immediately. Months Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return To Client Disposal By Lab Archive For Mont Possible Hazard Identification Unconfirmed

		made a manage a manag	in comment of the com	
Deliverable Requested: I, II, IV Other (specify)	Primary Deliverable Rank: 2	Special Instructions/QC Requirements:		
Empty Kit Relinquished by:	Date:	Time:	Method of Shipment	
Relinquished by MM MUM	Date/Time 17/7/20 Company	y Received by: D∑	Date/Time: 6 /18	Company
Relinquished by: //	Date/Time: Company	ry Received by:	Date/Time:	Сотрапу
Relinquished by:	Date/Time: Company	ry Received by:	Date/Time:	Company
Custody Seals Intact: Custody Seal No.	e de la company de la comp	Cooler Temperature(s) °C and Other Remarks: MOV3 69 3, 4	4.6 89 CM	
				Ver 10/10/2024

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	

Job Number: 885-26911-1

List Source: Eurofins Houston

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

Client: EA Engineering

Login Number: 26911 List Number: 2 Creator: Silva, Daniel

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	

Eurofins Albuquerque

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 4901 Hawkins NE Albuquerque NM 87109



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

Vella

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

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

Page 2 of 18 7/1/2025

2

3

4

5

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8

9

Client: EA Engineering
Project/Site: Dona Ana Dairies

Laboratory Job ID: 885-27214-1

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
QC Sample Results	9
QC Association Summary	12
Lab Chronicle	13
Certification Summary	14
Chain of Custody	15
Receipt Checklists	17

4

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8

J 6

Definitions/Glossary

Client: EA Engineering Job ID: 885-27214-1

Project/Site: Dona Ana Dairies

Qualifiers

HPLC/IC

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.
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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

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Case Narrative

Client: EA Engineering Project: Dona Ana Dairies

Eurofins Albuquerque Job ID: 885-27214-1

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.

Job ID: 885-27214-1

Client: EA Engineering Job ID: 885-27214-1

Project/Site: Dona Ana Dairies

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

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

7/1/2025

Client: EA Engineering Job ID: 885-27214-1

Project/Site: Dona Ana Dairies

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

Analyte	Pocult	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Allalyte	Nesuit	- Qualifier				- r repareu	Allalyzeu	Dirrac
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

7/1/2025

Eurofins Albuquerque

Client: EA Engineering Job ID: 885-27214-1

Project/Site: Dona Ana Dairies

Client Sample ID: DAD-18

Lab Sample ID: 885-27214-3

Matrix: Water

Date Collected: 06/19/25 14:50 Date Received: 06/20/25 09:15

Method: EPA 300.0 - Anions, Ion Cl Analyte	٠.	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

7/1/2025

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 Client Sample ID: Method Blank Dron Types Total/NA

Matrix: Water

Analysis Batch: 28715

Prep Type. Total/NA

Analyte	Result 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 **Client Sample ID: Lab Control Sample Matrix: Water**

Prep Type: Total/NA

Analysis Batch: 28715

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

Lab Sample ID: MRL 885-28715/3 **Client Sample ID: Lab Control Sample**

Prep Type: Total/NA

Matrix: Water

Analysis Batch: 28715

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

Lab Sample ID: MB 885-28716/4 Client Sample ID: Method Blank **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 28716

мв мв

MB MB

Analyte	Result Qu	alifier 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 Client Sample ID: Lab Control Sample Prep Type: Total/NA

Matrix: Water

Analysis Batch: 28716

-	Spike	LCS	LCS				%Rec		
Analyte	Added	Result	Qualifier	Unit	D	%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 Client Sample ID: Lab Control Sample

Matrix: Water

Analysis Batch: 28716

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

Lab Sample ID: 885-27214-1 MS

Matrix: Water

Analysis Batch: 28716

Alialysis Datcil. 20110										
	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Nitrite	ND		10.0	8.68		mg/L		87	80 - 120	

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Prep Type: Total/NA

Client: EA Engineering Project/Site: Dona Ana Dairies Job ID: 885-27214-1

Prep Type: Total/NA

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 885-27214-1 MSD Client Sample ID: DAD-14

Matrix: Water

Analysis Batch: 28716

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

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

Lab Sample ID: MB 885-29076/1 Client Sample ID: Method Blank

Matrix: Water Prep Type: Total/NA

Analysis Batch: 29076

MB MB

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

Lab Sample ID: LCS 885-29076/2 Client Sample ID: Lab Control Sample

Matrix: Water Prep Type: Total/NA

Analysis Batch: 29076 Spike LCS LCS %Rec

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

Lab Sample ID: 885-27214-2 DU Client Sample ID: DAD-15 Prep Type: Total/NA

Matrix: Water

Analysis Batch: 29076

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

Method: 351.2 - Nitrogen, Total Kjeldahl

Lab Sample ID: MB 860-244974/31-A Client Sample ID: Method Blank

Matrix: Water

Matrix: Water

Prep Type: Total/NA Analysis Batch: 245546 Prep Batch: 244974 мв мв

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

Lab Sample ID: MB 860-244974/4-A Client Sample ID: Method Blank

Analysis Batch: 245546 Prep Batch: 244974 MR MR

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

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

Matrix: Water Prep Type: Total/NA Prep Batch: 244974

Analysis Batch: 245546 LCS LCS Spike %Rec

Added Result Qualifier Unit Limits Analyte %Rec Nitrogen, Kjeldahl 2.00 101 2 01 ma/L 90 - 110

7/1/2025

Prep Type: Total/NA

QC Sample Results

Client: EA Engineering Job ID: 885-27214-1

Project/Site: Dona Ana Dairies

Method: 351.2 - Nitrogen, Total Kjeldahl (Continued)

Lab Sample ID: LCSD 860-244974/33-A	Client Sample ID: Lab Control Sample Dup
Matrix: Water	Prep Type: Total/NA

Analysis Batch: 245546							Prep	Batch: 2	44974
	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Nitrogen, Kjeldahl	2.00	2.01		mg/L		100	90 - 110		20

Lab Sample ID: LLCS 860-244974/5-A **Client Sample ID: Lab Control Sample Matrix: Water Prep Type: Total/NA**

Analysis Batch: 245546							Prep Ba	atch: 244974
	Spike	LLCS	LLCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Nitrogen, Kjeldahl	0.200	0.189	J	mg/L		95	50 - 150	

7/1/2025

QC Association Summary

Client: EA Engineering Job ID: 885-27214-1 Project/Site: Dona Ana Dairies

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 Bato
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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7/1/2025

Page 12 of 18

Lab Chronicle

Client: EA Engineering

Job ID: 885-27214-1

Project/Site: Dona Ana Dairies

Client Sample ID: DAD-14

Lab Sample ID: 885-27214-1

Matrix: Water

Date Collected: 06/19/25 09:55 Date Received: 06/20/25 09:15

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	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

Date Received: 06/20/25 09:15

Matrix: Water

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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

Date Received: 06/20/25 09:15

Matrix: Water

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Analysis	300.0			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

Eurofins Albuquerque

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7/1/2025

Accreditation/Certification Summary

Client: EA Engineering Job ID: 885-27214-1 Project/Site: Dona Ana Dairies

Laboratory: Eurofins Albuquerque

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

Authority	Progra	m	Identification Number	Expiration Date
New Mexico	State		NM9425, NM0901	02-27-26
• •	•	the laboratory is not certif	fied by the governing authority. Thi	s list may include analytes
Analysis Method	es not offer certification. 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

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7/1/2025

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Cooler Temperature(s) © and Other Remarks: HNU3 64

Date/Time: Date/Time:

Received by: Received by:

Company

Date/Time: Date/Time:

telinquished by: elinquished by:

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SISIO CISIO	
Chain of Custody Record	
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Albuquerque, NM 87109 Phone: 505-345-3975 Fax: 505-345-4107

Eurofins Albuquerque

4901 Hawkins NE

Client Information (Sub Contract Lab)	Sampler: N/A			Lab PM: Zellar	Lab PM: Zellar Victoria				0 2	Camer Tracking No(s): N/A	cking No	(s)		COC No: 885-5432 1		_
	Phone:			E-Mai					8	State of Origin:	igin			Page:		
Shipping/Receiving	N/A			Victori	a.Zellar(get eur	Victoria.Zellar@et.eurofinsus.com	Æ	_	New Mexico	<u>8</u>			Page 1 of 1		
Company Eurofins Environment Testing South Centr				<u> </u>	Accreditation NELAP	ns Requi	Accreditations Required (See note): NELAP Oregon; State New Mexico	ote): New Me	xíco					Job #: 885-27214-1		
Address: 4145 Greenbriar Dr	Due Date Requested: 6/27/2025	ją:					Ā	Analysis Requested	Requ	ested				Preservation Codes:	sep:	_
City: Stafford	TAT Requested (days):	ıys): N/A											محمد			
State, Zp: TX, 77477							_	···········			_		<u> Between teetle</u>	TRO 1700 500 100		************
Phone: 281-240-4200(Tel)	Po#: N/A												<u> Dittilanskand</u>			
Enai N/A	wo#: N/A				(on								61			
Project Name: Dona Ana Dairies	Project#: 88501155			2 <i>N1/R3</i>	10 89								ទមានវត			
Sito: N/A	SSOW#: N/A			1000	N) dsi								00 10	Other N/A		
			Sample	Matrix	wsh								1edri			
		Sample	Type (C=comp,	(W=water, S=solid, O=wasteioll,)								1UN (B)			
Sample Identification Client ID (Lab ID)	Sample Date		G=grab) Preserva	G=grab) ar-Tissue, ArAir) u	oa 🗙								94 X	Special II	Special Instructions/Note:	
DAD-14 (885-27214-1)	6/19/25	09:55 Mountain	g	Water	×								-			·
DAD-15 (885-27214-2)	6/19/25	12:50 Mountain	9	Water	×								*			-
DAD-18 (885-27214-3)	6/19/25	14:50 Mountain	ŋ	Water	×								*			
														50 (5°+16°+2		_
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Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratory or other instructions will be provided. Any changes to laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/lests/matrix being analyzed, the samples must be shipped back to the Eurofine Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofine Environment Testing South Central, LLC attention immediately if all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofine Environment Testing South Central, LLC.	nt Testing South Cent bove for analysis/test antral, LLC attention in	ral, LLC place s/matrix being nmediately II	is the ownershi analyzed, the all requested	p of method, anal samples must be a accreditations are	yte & accr shipped by current to	editation ack to the date, ret	compliance Eurofins E um the sign	upon our nvironme sed Chain	subcontr nt Testing of Custox	act labora South C	atories. T entral, LL ig to said	his samp C laboral compliar	ile shipm tory or off nce to Eu	ent is forwarded unde her instructions will be rofins Environment Te	r chain-of-custody. If the provided. Any changes to ssting South Central, LLC.	
Possible Hazard Identification					Samp	le Disp	osal (A	fee may	be ass	pesse	if samp	les are	retain	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	month)	_
Unconfirmed						Return	Return To Client			Disposal By Lab	v Lab		Arch	Archive For	Months	
Deliverable Requested: I, II, III, IV Other (specify)	Primary Deliverable Rank: 2	ble Rank:	2		Specia	al Instru	Special Instructions/QC Requirements	S Requir	ements							_
Empty Kit Relinquished by		Date:			Time:					Meth	Method of Shipment:	pment:				_
Relinquished by:	Date/Time:) 		Company	Re	Received by:	ζQ,				<u> </u>	Date/Time:	ھ	121	Company	
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Custody Seals Intact: Custody Seal No.

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	
s 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	

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Login Sample Receipt Checklist

Client: EA Engineering Job Number: 885-27214-1

List Source: Eurofins Houston
List Number: 2
List Creation: 06/21/25 11:17 AM

Creator: Silva, Daniel

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	

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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 4901 Hawkins NE Albuquerque NM 87109



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

Vella

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

Page 2 of 16 7/2/2025

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10

Client: EA Engineering

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

Laboratory Job ID: 885-27383-1

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
QC Sample Results	9
QC Association Summary	12
Lab Chronicle	13
Certification Summary	14
Chain of Custody	15
Receipt Checklists	16

Definitions/Glossary

Client: EA Engineering Job ID: 885-27383-1

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

Qualifiers

HPLC/IC

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

General Chemistry

E Result exceeded calibration range.

Glossary

Abbreviation	These commonly	y used abbreviations may	or may not be	present in this report
ADDIEVIALIOII	THESE COMMISSIONS	y useu abbi evialions maj	y Oi illay liot 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

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Eurofins Albuquerque

Case Narrative

Client: EA Engineering

Job ID: 885-27383-1 Project: Dona Ana Dairies (DAD'S)

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: EA Engineering Job ID: 885-27383-1

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

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 Cl	hromatograp	hy						
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: EA Engineering Job ID: 885-27383-1

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

Client Sample ID: DAD-21

Lab Sample ID: 885-27383-2

Date Collected: 06/23/25 13:00 Date Received: 06/24/25 09:15 Matrix: Water

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: EA Engineering Job ID: 885-27383-1

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

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

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

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

Matrix: Water

Analyte

Chloride

Analysis Batch: 28947

мв мв Result Qualifier RLUnit D Prepared Analyzed Dil Fac ND 0.50 mg/L 06/25/25 07:44

Lab Sample ID: MB 885-28947/58 Client Sample ID: Method Blank **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 28947

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

Lab Sample ID: LCS 885-28947/5 Client Sample ID: Lab Control Sample Prep Type: Total/NA

Matrix: Water

Analysis Batch: 28947

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

Lab Sample ID: LCS 885-28947/59 Client Sample ID: Lab Control Sample **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 28947

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

Lab Sample ID: MRL 885-28947/3 Client Sample ID: Lab Control Sample Prep Type: Total/NA

Matrix: Water

Analysis Batch: 28947

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

Lab Sample ID: MB 885-28948/4 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 28948

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

Lab Sample ID: MB 885-28948/58 Client Sample ID: Method Blank

0.10

mg/L

Matrix: Water

Nitrite

Analysis Batch: 28948

MR MR

ND

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

Eurofins Albuquerque

06/25/25 07:44

Prep Type: Total/NA

Job ID: 885-27383-1

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

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 885-28948/5

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

Analysis Batch: 28948

Matrix: Water

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 28948

		Spike	LCS	LCS				%Rec	
Analyte		Added	Result	Qualifier	Unit	D	%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 Client Sample ID: Lab Control Sample Prep Type: Total/NA

Matrix: Water

Analysis Batch: 28948

		Spike	MRL	MRL				%Rec	
Analyte		Added	Result	Qualifier	Unit	D	%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 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 29228

	MB	MB						
Analyte	Result	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 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 29228

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 29197

Prep Batch: 29099 MB MB

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

Lab Sample ID: LCS 885-29099/5-A Client Sample ID: Lab Control Sample **Matrix: Water** Prep Type: Total/NA

Prep Batch: 29099 **Analysis Batch: 29197** Spike LCS LCS %Rec

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

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QC Sample Results

Client: EA Engineering Job ID: 885-27383-1

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

Method: 351.2 - Nitrogen, Total Kjeldahl (Continued)

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

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 29197

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 29099

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

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7/2/2025

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 Camaria ID	Olicut Occupie ID	D T	B.B. and and an	8.8 - 41I	D D.4-
Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Bato
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	

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7/2/2025

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Lab Chronicle

Client: EA Engineering Job ID: 885-27383-1

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

Client Sample ID: DAD-12

Date Collected: 06/23/25 11:00 Date Received: 06/24/25 09:15 Lab Sample ID: 885-27383-1

Matrix: Water

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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

Date Collected: 06/23/25 13:00

Date Received: 06/24/25 09:15

Lab	Sample	ID:	885-27383-2
			Matrix: Water

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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

Date Collected: 06/23/25 15:38

Date Received: 06/24/25 09:15

Lab Sample	e ID: 88	5-27383-3
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Matrix: Water

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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

7/2/2025

Accreditation/Certification Summary

Client: EA Engineering Job ID: 885-27383-1

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

Laboratory: Eurofins Albuquerque

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

Authority	Progr	am	Identification Number	Expiration Date
New Mexico	State		NM9425, NM0901	02-27-26
The following analytes	are included in this report, bu	ut the laboratory is not certi	fied by the governing authority. This lis	st may include analytes
for which the agency de	oes 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	NELA	Р	NM100001	02-26-26
The following analytes	are included in this report, bu	ut the laboratory is not certi	fied by the governing authority. This lis	st may include analytes
for which the agency d	oes not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte	
351.2	351.2	Water	Nitrogen, Total Kjeldahl	

Eurofins Albuquerque

J	hain	-of-CL	Chain-of-Custody Record	Turn-Around Time:	.me:				•				3	3
Client:				Standard	□ Rush					ANALYSIS		ABORA PAR	E'n.	₩ Pl
EA Enç	EA Engineering,		Science, and Technology	Project Name.					www	allenvii		al.com		j j
Mailing	Mailing Address	in		Dona Ana Dair	a Dairies (DAD'S)		490	1 Hawk	ins NE	- Albu	ıquerqu	e 1901 Hawkins NE - Albuquerque, NM 871Ն⊳	865-27383 COC ఏల	33 COC 83
320 Gc	320 Gold Ave SW Suite	W Suite			"Billing Email"	_	Tel.	505-3	505-345-3975	5 F	Fax 505-	505-345-4107		
Phone #	.#	505-715-4279	-4279	lindaarmstrong@zianet com	@zianet con	u				Analy	Analysis Request	nest		
email o	email or Fax#		rmullen@eaest com	Project Manager:	er:		008							
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				Cooler Temp(including cF).	oluding CF).	3 +0.2=0.5								
Date	Time	Matrix	Sample Name	Container F	Preservative Type	HEAL No.	Nitrate/N	ТКИ 35 СРЮПОС	TDS SN	Sulfate	nqaon9 12 IstoT			
623	<i>90://</i>	Éw	DAD-12	7			X	メメ	X					
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<u>6</u> 23	15:38	GW	DAD 20	7)			人人	メン	×					
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Date: 6-23	Time. /6: S\$	Relinquished by	ed by	Received by	Via	Date Time 4 C4/25 9:15	Remarks							
Date:	Time	Relinquished by	ed by	Received by	Via.	Date Time								
7/2/2025	If necessary	samples sub	I lecessary 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	ontracted to other acc	redited laboratorie	s This serves as notice of th	ls possibility A	ny sub-co	ntracted d	ata will be	clearly note	ted on the analy	ytical repo	넡

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	
ls 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	

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PREPARED FOR

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

ANALYTICAL REPORT

Generated 7/9/2025 11:45:05 AM

JOB DESCRIPTION

Dona Ana Dairies

JOB NUMBER

885-27479-1

Eurofins Albuquerque 4901 Hawkins NE Albuquerque NM 87109



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

Vella

Generated 7/9/2025 11:45:05 AM

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

Page 2 of 15 7/9/2025

5

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8

Client: EA Engineering Project/Site: Dona Ana Dairies Laboratory Job ID: 885-27479-1

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	
Case Narrative	5
Client Sample Results	6
QC Sample Results	
QC Association Summary	11
Lab Chronicle	12
Certification Summary	13
Chain of Custody	14
Racaint Chacklists	15

3

4

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10

Definitions/Glossary

Client: EA Engineering Job ID: 885-27479-1

Project/Site: Dona Ana Dairies

Qualifiers

HPLC/IC

Qualifier **Qualifier Description**

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" Minimum Detectable Activity (Radiochemistry) MDA 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 **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) Toxicity Equivalent Quotient (Dioxin) **TEQ**

TNTC Too Numerous To Count

Eurofins Albuquerque

Page 4 of 15

Case Narrative

Client: EA Engineering Project: Dona Ana Dairies

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.

Job ID: 885-27479-1

Client: EA Engineering Job ID: 885-27479-1

Project/Site: Dona Ana Dairies

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 Cl	hromatograp	hy						
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: EA Engineering Job ID: 885-27479-1

Project/Site: Dona Ana Dairies

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

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: EA Engineering Job ID: 885-27479-1

Project/Site: Dona Ana Dairies

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

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

4/9-1

Client: EA Engineering
Project/Site: Dona Ana Dairies

Job ID: 885-27479-1

Prep Type: Total/NA

Client Sample ID: DAD-27

Prep Type: Total/NA

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample

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

мв мв

Lab Sample ID: LCS 885-28947/59

Matrix: Water

Analysis Batch: 28947

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

Lab Sample ID: MRL 885-28947/3

Matrix: Water

Analysis Batch: 28947

 Spike
 MRL
 MRL
 %Rec

 Analyte
 Added
 Result
 Qualifier
 Unit
 D
 %Rec
 Limits

 Chloride
 0.500
 0.514
 mg/L
 103
 50 - 150

Lab Sample ID: MB 885-28948/58

Matrix: Water

Analysis Batch: 28948

MB MB

Analyte	Result	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

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

Lab Sample ID: MRL 885-28948/3

Matrix: Water

Analysis Batch: 28948

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

Lab Sample ID: 885-27479-2 MS

Matrix: Water

Analysis Batch: 28948

Alialysis Dalcii. 20340										
	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%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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Prep Type: Total/NA

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 Client Sample ID: DAD-27

Matrix: Water

Analysis Batch: 28948

,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	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)

Client Sample ID: Method Blank Lab Sample ID: MB 885-29353/1 Prep Type: Total/NA

Matrix: Water

Analysis Batch: 29353

мв мв

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

Lab Sample ID: LCS 885-29353/2 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 29353

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

Lab Sample ID: 885-27479-1 DU Client Sample ID: DAD-09 Prep Type: Total/NA

Matrix: Water

Analysis Batch: 29353

	Sample	Sample	DU	DU					RPD
Analyte	Result	Qualifier	Result	Qualifier	Unit	D		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 Client Sample ID: Method Blank

Matrix: Water

Analysis Batch: 29108

-	MB N	MB				-	
Analyte	Result C	Qualifier R	_ Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Total Kjeldahl	ND	0.5	mg/L		06/26/25 09:18	06/26/25 14:48	1

Lab Sample ID: LCS 885-29061/5-A Client Sample ID: Lab Control Sample Prep Type: Total/NA

Matrix: Water

Analysis Batch: 29108							Pre	p Batch:	29061
	Spike	LCS	LCS				%Rec		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Nitrogen, Total Kjeldahl	10.0	10.2		mg/L		102	90 - 110		

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

Matrix: Water

Analysis Batch: 29108							Prep	Batch: 2906	1
	Spike	MRL	MRL				%Rec		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Nitrogen, Total Kjeldahl	0.500	ND		mg/L		98	50 - 150		_

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7/9/2025

Prep Type: Total/NA

Prep Type: Total/NA

Prep Batch: 29061

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 Bato
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	

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7/9/2025

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Lab Chronicle

Client: EA Engineering Job ID: 885-27479-1 Project/Site: Dona Ana Dairies

Client Sample ID: DAD-09

Date Received: 06/25/25 10:20

Lab Sample ID: 885-27479-1 Date Collected: 06/24/25 10:52

Matrix: Water

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

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	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

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	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

Eurofins Albuquerque

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	Progr	am	Identification Number	Expiration Date
New Mexico	State		NM9425, NM0901	02-27-26
The following analytes	are included in this report, bu	ut the laboratory is not certi	fied by the governing authority. This lis	st may include analytes
for which the agency d	oes 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	NELA	Р	NM100001	02-26-26
The following analytes	are included in this report, bu	ut the laboratory is not certi	fied by the governing authority. This lis	st may include analytes
for which the agency d	oes not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte	
351.2	351.2	Water	Nitrogen, Total Kjeldahl	

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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	

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 7/8/2025 6:33:44 AM

JOB DESCRIPTION

Dona Ana Dairies

JOB NUMBER

885-27585-1

Eurofins Albuquerque 4901 Hawkins NE Albuquerque NM 87109



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

Vella

Generated 7/8/2025 6:33:44 AM

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

Page 2 of 14 7/8/2025

2

4

5

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8

9

10

Client: EA Engineering
Project/Site: Dona Ana Dairies

Laboratory Job ID: 885-27585-1

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
QC Sample Results	8
QC Association Summary	10
Lab Chronicle	11
Certification Summary	12
Chain of Custody	13
Receipt Checklists	14

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5

7

9

Definitions/Glossary

Client: EA Engineering Job ID: 885-27585-1

Project/Site: Dona Ana Dairies

Qualifiers

HPLC/IC

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

General Chemistry

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

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Case Narrative

Client: EA Engineering

Job ID: 885-27585-1

Project: Dona Ana Dairies

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.

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7/8/2025

Client: EA Engineering Job ID: 885-27585-1

Project/Site: Dona Ana Dairies

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 Ch	nromatograp	ohy						
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: EA Engineering Job ID: 885-27585-1

Project/Site: Dona Ana Dairies

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 CI	nromatograp	ohy						
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

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	Client Sample ID: Method Blank
Matrix: Water	Prep Type: Total/NA
Analysis Batch: 29039	

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

MD MD

Lab Sample ID: MB 885-29039/4 Client Sample ID: Method Blank **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 29039

	IVID IVID						
Analyte	Result 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 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 29039

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

Lab Sample ID: MRL 885-29039/3 Client Sample ID: Lab Control Sample **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 29039

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

Lab Sample ID: MB 885-29042/115 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 29042

	IND IND						
Analyte	Result Qualifier	r 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 Client Sample ID: Method Blank

Matrix: Water

Analysis Batch: 29042

	MB	MB						
Analyte	Result	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 **Client Sample ID: Lab Control Sample Matrix: Water**

Analysis Batch: 29042

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

Eurofins Albuquerque

Prep Type: Total/NA

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 Client Sample ID: Lab Control Sample

Matrix: Water

Analysis Batch: 29042

Prep Type: Total/NA
0/ 5

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

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Prep Type: Total/NA

Prep Type: Total/NA

	Sp	ike iviki	_ WKL				%Rec	
Analyte	Add	ed Resul	t Qualifier	Unit	D	%Rec	Limits	
Nitrate	0.	0.0937	7 J	mg/L		94	50 - 150	
Nitrite	0.	00 0.0852	2 J	mg/L		85	50 - 150	

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

Lab Sample ID: MB 885-29385/1

Matrix: Water

Analysis Batch: 29385

мв мв

MR MR

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

Lab Sample ID: LCS 885-29385/2

Matrix: Water

Analysis Batch: 29385

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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

Prep Type: Total/NA
Prep Batch: 29099

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

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

Matrix: Water							Prep Type: Total/NA
Analysis Batch: 29197							Prep Batch: 29099
	Spike	LCS L	_cs				%Rec
Analyte	Added	Result C	Qualifier	Unit	D	%Rec	Limits

Nitrogen, Total Kjeldahl 9.94 90 - 110 mg/L Lab Sample ID: MRL 885-29099/4-A Client Sample ID: Lab Control Sample

10.0

Matrix: Water Analysis Batch: 29197

Analysis Batch: 29197							Prep	Batch: 29099
	Spike	MRL	MRL				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Nitrogen, Total Kjeldahl	0.500	ND		mg/L		89	50 - 150	

Eurofins Albuquerque

Prep Type: Total/NA

7/8/2025

QC Association Summary

Client: EA Engineering Job ID: 885-27585-1 Project/Site: Dona Ana Dairies

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	<u> </u>
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	

Eurofins Albuquerque

7/8/2025

Lab Chronicle

Client: EA Engineering

Job ID: 885-27585-1

Project/Site: Dona Ana Dairies

Client Sample ID: DAD-10

Lab Sample ID: 885-27585-1

Matrix: Water

Date Collected: 06/25/25 10:27 Date Received: 06/26/25 09:45

Prepared or Analyzed

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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

Matrix: Water

Date Collected: 06/25/25 12:00 Date Received: 06/26/25 09:45

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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

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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	Progr	am	Identification Number	Expiration Date
New Mexico	State		NM9425, NM0901	02-27-26
The following analytes	are included in this report, bu	ut the laboratory is not certi	fied by the governing authority. This lis	st may include analytes
for which the agency d	oes 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	NELA	Р	NM100001	02-26-26
The following analytes	are included in this report, bu	ut the laboratory is not certi	fied by the governing authority. This lis	st may include analytes
for which the agency d	oes not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte	
351.2	351.2	Water	Nitrogen, Total Kjeldahl	

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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.

Remarks

6/20/25 09.45

Received by

Relinquished by

Time

Date

Relinguished by

17:00

6-26 Date

JAD-22 DAD-TO

US:00 | Con

885-27585 COC

Fax 505-345-4107

Tel. 505-345-3975

lindaarmstrong@zianet.com

Project Manager

rmullen@eaest com

QA/QC Package.

email or Fax#

Phone #.

505-715-4279

320 Gold Ave SW Suite

"Billing Email"

Project #.

Dona Ana Dairies (DAD'S)

Analysis Request

Total Sulfur

Sulfate EPA 300

Chloride EPA 300

Cooler Temp(induding cr); 2.3 +0,2=2,5%

LKN 321 5

HEAL No.

Preservative

Type

Type and #

Sample Name

Time | Matrix |

Date | 6-25 22-9

10:27 GW

Y

Container

X

X

Phosphorus EPA 6010B

LDS 2W 5240 C WOD

Nitrate/Nitrites EPA Method 300

M Yes

of Coolers:

Angel N. Rivera

Sampler

□ Level 4 (Full Validation)

□ Az Compliance

Accreditation:

□ Standard

□ Other

□ NELAC

□ EDD (Type)

On Ice;

Gina Mullen

4901 Hawkins NE - Albuquerque, NM 871

HALL ENVIRONMENT

ANALYSIS LABOR

□ Rush

Project Name. 区Standard

EA Engineering, Science, and Technology

Mailing Address:

Turn-Around Time:

Chain-of-Custody Record

www.hallenvironmental.com

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	

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PREPARED FOR

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

ANALYTICAL REPORT

Generated 7/10/2025 6:38:22 AM

JOB DESCRIPTION

Dona Ana Dairies

JOB NUMBER

885-27867-1

Eurofins Albuquerque 4901 Hawkins NE Albuquerque NM 87109



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

Vella

Generated 7/10/2025 6:38:22 AM

Authorized for release by Victoria Zellar, Project Manager Victoria.Zellar@et.eurofinsus.com (505)345-3975 2

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7/10/2025

Client: EA Engineering

Laboratory Job ID: 885-27867-1

Project/Site: Dona Ana Dairies

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	
Client Sample Results	6
QC Sample Results	9
QC Association Summary	11
Lab Chronicle	12
Certification Summary	13
Chain of Custody	14
Receint Checklists	15

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Definitions/Glossary

Client: EA Engineering Job ID: 885-27867-1

Project/Site: Dona Ana Dairies

Qualifiers

HPLC/IC

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

General Chemistry

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

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Case Narrative

Client: EA Engineering Job ID: 885-27867-1 Project: Dona Ana Dairies

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 Kieldahl 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.

Page 5 of 15

Client: EA Engineering Job ID: 885-27867-1

Project/Site: Dona Ana Dairies

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 Cl	٠.	•			_			
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

7/10/2025

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Client: EA Engineering Job ID: 885-27867-1

Project/Site: Dona Ana Dairies

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

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	0.60		0.50	mg/L		07/02/25 09:08	07/02/25 14:17	1
351.2)								

7/10/2025

Client: EA Engineering Job ID: 885-27867-1

Project/Site: Dona Ana Dairies

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	Chromatograp	ohy						
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

Client: EA Engineering Project/Site: Dona Ana Dairies Job ID: 885-27867-1

Method: 300.0 - Anions, Ion Ch	romatography
--------------------------------	--------------

Lab Sample ID: MB 885-29331/4

Matrix: Water

Analysis Batch: 29331

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

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

Lab Sample ID: LCS 885-29331/5 Client Sample ID: Lab Control Sample **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 29331

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

Lab Sample ID: MRL 885-29331/3 Client Sample ID: Lab Control Sample Prep Type: Total/NA

Matrix: Water

Analysis Batch: 29331

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

Lab Sample ID: MB 885-29332/4 Client Sample ID: Method Blank **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 29332

мв мв

Result Qualifier RL Unit D Dil Fac Analyte Prepared Analyzed 0.10 07/01/25 09:40 Nitrate ND mg/L ND 07/01/25 09:40 Nitrite 0.10 mg/L

Lab Sample ID: MB 885-29332/58 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 29332

мв мв Result Qualifier Analyte RL Unit Prepared Analyzed Dil Fac Nitrate ND 0.10 mg/L 07/01/25 18:32 Nitrite ND 0.10 07/01/25 18:32 mg/L

Lab Sample ID: LCS 885-29332/5 **Client Sample ID: Lab Control Sample**

Matrix: Water

Analysis Batch: 29332

		Spike	LCS	LCS				%Rec
	Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits
	Nitrate	2.50	2.62		mg/L		105	90 - 110
	Nitrite	1 00	0.948		ma/L		95	90 - 110

Lab Sample ID: LCS 885-29332/59 Client Sample ID: Lab Control Sample Prep Type: Total/NA

Matrix: Water

Analysis Batch: 29332

	Spike	LCS	LCS				%Rec		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Nitrate	2.50	2.65		mg/L		106	90 - 110		_
Nitrite	1.00	0.956		mg/L		96	90 - 110		

Eurofins Albuquerque

7/10/2025

Prep Type: Total/NA

Job ID: 885-27867-1

Client: EA Engineering Project/Site: Dona Ana Dairies

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MRL 885-29332/3

Analysis Batch: 29332

Matrix: Water

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

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Type: Total/NA

Prep Type: Total/NA

Prep Type: Total/NA

Prep Batch: 29413

Spike MRL MRL %Rec Added Analyte Result Qualifier %Rec Limits Unit Nitrate 0.100 0.0988 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

мв мв

Dil Fac Analyte Result Qualifier RL Unit D Prepared Analyzed 50 07/03/25 16:29 Total Dissolved Solids ND mg/L

Lab Sample ID: LCS 885-29552/2

Matrix: Water

Analysis Batch: 29552

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

Method: 351.2 - Nitrogen, Total Kjeldahl

Lab Sample ID: MB 885-29413/3-A

Matrix: Water

Analysis Batch: 29480

MR MR

Analyte Result Qualifier RL Unit Prepared Analyzed Dil Fac ND 0.50 07/02/25 09:08 07/02/25 13:46 Nitrogen, Total Kjeldahl mg/L

Lab Sample ID: LCS 885-29413/5-A

Matrix: Water

Analysis Batch: 29480

Prep Batch: 29413 Spike LCS LCS %Rec Added Result Qualifier Unit %Rec Limits Nitrogen, Total Kjeldahl 9.92 10.7 108 90 - 110 mg/L

Lab Sample ID: MRL 885-29413/4-A

Client Sample ID: Lab Control Sample **Matrix: Water** Prep Type: Total/NA Analysis Batch: 29480 Prep Batch: 29413 MRL MRL Spike %Rec

Added Analyte Result Qualifier Unit D %Rec Limits Nitrogen, Total Kjeldahl 0.496 0.552 111 50 - 150 mg/L

Eurofins Albuquerque

7/10/2025

QC Association Summary

Client: EA Engineering Job ID: 885-27867-1 Project/Site: Dona Ana Dairies

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 Bato
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	

Lab Chronicle

Client: EA Engineering Job ID: 885-27867-1

Project/Site: Dona Ana Dairies

Client Sample ID: DAD-08 Date Collected: 06/30/25 10:58

Lab Sample ID: 885-27867-1

Matrix: Water

Date Received: 07/01/25 10:27

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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

Date Collected: 06/30/25 13:30 Date Received: 07/01/25 10:27

Lab Sample ID: 885-27867-2

Matrix: Water

Batch Dilution Batch Prepared Prep Type Туре Method Run Factor Number Analyst Lab or Analyzed 07/01/25 14:36 Total/NA 300.0 29332 KB EET ALB Analysis 10 Total/NA Analysis 300.0 100 29331 KB **EET ALB** 07/01/25 14:45 Total/NA Analysis 2540C 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 29480 EH **EET ALB** 07/02/25 14:17

Client Sample ID: DAD-07

Date Collected: 06/30/25 15:00 Date Received: 07/01/25 10:27

Lab Sample ID: 885-27867-3

Matrix: Water

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	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

7/10/2025

Accreditation/Certification Summary

Client: EA Engineering Job ID: 885-27867-1

Project/Site: Dona Ana Dairies

Laboratory: Eurofins Albuquerque

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

Authority	Progra	am	Identification Number	Expiration Date
New Mexico	State		NM9425, NM0901	02-27-26
• •	are included in this report, bu	ut the laboratory is not certif	fied by the governing authority. This lis	st may include analytes
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	NELA	P	NM100001	02-26-26
The following analytes	are included in this report, bu	it the laboratory is not certif	fied by the governing authority. This lis	st may include analytes
for which the agency de	oes 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: 885-27867-1

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	

7/10/2025

44

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 4901 Hawkins NE Albuquerque NM 87109



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

Vella

Generated 6/19/2025 10:30:04 AM

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

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Page 2 of 16 6/19/2025

Client: EA Engineering Project/Site: Del Oro Dairy Laboratory Job ID: 885-26309-1

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
QC Sample Results	9
QC Association Summary	12
Lab Chronicle	13
Certification Summary	14
Chain of Custody	15
Receipt Checklists	16

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Definitions/Glossary

Client: EA Engineering Job ID: 885-26309-1

Project/Site: Del Oro Dairy

Qualifiers

HPLC/IC

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

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Case Narrative

Client: EA Engineering Project: Del Oro Dairy

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.

Job ID: 885-26309-1

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Client: EA Engineering Job ID: 885-26309-1

Project/Site: Del Oro Dairy

Lab Sample ID: 885-26309-1 Client Sample ID: 692-02 Date Collected: 06/06/25 10:35

Matrix: Water

Date Received: 06/08/25 11:10

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: EA Engineering Job ID: 885-26309-1

Project/Site: Del Oro Dairy

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 Cl	nromatograp	hy						
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

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Client: EA Engineering Job ID: 885-26309-1

Project/Site: Del Oro Dairy

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

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

Job ID: 885-26309-1

Client: EA Engineering Project/Site: Del Oro Dairy

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-27934/4 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 27934

	МВ	МВ						
Analyte	Result	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 Client Sample ID: Lab Control Sample **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 27934

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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 Client Sample ID: Lab Control Sample Prep Type: Total/NA

Matrix: Water

Analysis Batch: 27934

	Spike	MRL	MRL				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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 Client Sample ID: 692-02 Prep Type: Total/NA

Matrix: Water

Analysis Batch: 27934

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Sulfate	270		100	360		mg/L		91	80 - 120	

Lab Sample ID: 885-26309-1 MSD Client Sample ID: 692-02 Prep Type: Total/NA

Matrix: Water

Analysis Batch: 27934

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Sulfate	270		100	357		mg/L		88	80 - 120	1	20	

Lab Sample ID: MB 885-27935/4 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 27935

	IVID IVID						
Analyte	Result Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	ND ND	0.20	mg/L			06/10/25 09:48	1

Lab Sample ID: LCS 885-27935/5 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 27935

_	Spike	LCS	LCS			%Rec	
Analyte	Added	Result	Qualifier Uni	t D	%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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Page 9 of 16

6/19/2025

Client: EA Engineering Project/Site: Del Oro Dairy Job ID: 885-26309-1

Client Sample ID: 692-02

Client Sample ID: 692-02

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Type: Total/NA

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MRL 885-27935/3

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

Matrix: Water

Analysis Batch: 27935

	Spike	MRL	MRL				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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: 2/935										
	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%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

-	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	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

	MB	MB						
Analyte	Result	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

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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 Batch: 28411

MB MB

Dil Fac Result Qualifier Unit Analyte RL Prepared Analyzed 0.50 06/16/25 16:33 06/18/25 10:46 Nitrogen, Total Kjeldahl ND mg/L

Lab Sample ID: LCS 885-28411/5-A

Matrix: Water

Analysis Batch: 28556							Prep	Batch: 28	3411
	Spike	LCS	LCS				%Rec		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Nitrogen, Total Kjeldahl	10.0	10.1		mg/L		101	90 - 110		

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Page 10 of 16

Prep Type: Total/NA

Prep Type: Total/NA

Prep Type: Total/NA

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

QC Sample Results

Client: EA Engineering Job ID: 885-26309-1

Project/Site: Del Oro Dairy

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

	Spike	MRL	MRL			%Rec
Analyte	Added	Result	Qualifier Unit	D	%Rec	Limits
Nitrogen, Total Kjeldahl	0.500	0.539	mg/L		108	50 - 150

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QC Association Summary

Client: EA Engineering
Project/Site: Del Oro Dairy
Job ID: 885-26309-1

HPLC/IC

Analysis Batch: 27934

Prep Bat	Method	Matrix	Prep Type	Client Sample ID	Lab Sample ID
	300.0	Water	Total/NA	692-02	885-26309-1
	300.0	Water	Total/NA	692-02	885-26309-1
	300.0	Water	Total/NA	692-09	885-26309-2
	300.0	Water	Total/NA	692-09	885-26309-2
	300.0	Water	Total/NA	692-05	885-26309-3
	300.0	Water	Total/NA	692-05	885-26309-3
	300.0	Water	Total/NA	Method Blank	MB 885-27934/4
	300.0	Water	Total/NA	Lab Control Sample	LCS 885-27934/5
	300.0	Water	Total/NA	Lab Control Sample	MRL 885-27934/3
	300.0	Water	Total/NA	692-02	885-26309-1 MS
	300.0	Water	Total/NA	692-02	885-26309-1 MSD

Analysis Batch: 27935

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batcl
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 885-26309-1	Client Sample ID 692-02	Prep Type Total/NA	Matrix Water	Method 351.2	Prep Batch
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

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Page 12 of 16

6

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Lab Chronicle

Client: EA Engineering Job ID: 885-26309-1

Project/Site: Del Oro Dairy

Client Sample ID: 692-02

Lab Sample ID: 885-26309-1

Matrix: Water

Date Collected: 06/06/25 10:35 Date Received: 06/08/25 11:10

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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

Lab Sample ID: 885-26309-2

Matrix: Water

Client Sample ID: 692-09 Date Collected: 06/06/25 13:30 Date Received: 06/08/25 11:10

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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 Date Collected: 06/06/25 14:41 Date Received: 06/08/25 11:10

Lab Sample ID: 885-26309-3

Matrix: Water

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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

6/19/2025

Accreditation/Certification Summary

Client: EA Engineering Job ID: 885-26309-1

Project/Site: Del Oro Dairy

Laboratory: Eurofins Albuquerque

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

Authority	Progr	am	Identification Number	Expiration Date			
New Mexico	State		NM9425, NM0901	02-27-26			
The following analytes	are included in this report, bu	it the laboratory is not certif	fied by the governing authority. This lis	st may include analyte			
for which the agency d	oes 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	NELA	P	NM100001	02-26-26			
The following analytes	are included in this report, bu	it the laboratory is not certif	fied by the governing authority. This lis	st may include analyte			
for which the agency d	oes not offer certification.						
Analysis Method	Prep Method	Matrix	Analyte				
351.2	351.2	Water	Nitrogen, Total Kjeldahl				

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J	hain	of-C	Chain-of-Custody Record	Turn-Around Time:	Time:			aeričasi.			2	ENVIRONMENTAL	Ž	Ш	E	100
Client.				Standard	□ Rush			-	Z			ANALYSIS LABORATORY	O M	5	O	
EA Eng	EA Engineering,		Science, and Technology	Project Name				l	WW	hallen	vironr	www hallenvironmental.com	mo		ï	
Mailing	Mailing Address			Del Oro Dairy			4901 Hawkins NE	ławk	INs N	- A	endne	- Albuquerque, NM 8710	M 871	0		٧٤٧
320 Gc	320 Gold Ave SW Suite	W Suite		Project #	"Billing Email"	=	Tel. 505-345-3975	05-34	15-39	75	Fах	505-345-4107	-4107			벌
Phone #:	.#	505-715-4279	-4279	Indaarmstror	lındaarmstrong@zianet.com	n				Anal	ysis	Analysis Request	ı	88	885-26309 COC	000
email	email or Fax#;		rmullen@eaest com	Project Manager	ger:		300									
QA/QC Pack«	QA/QC Package.	_	☐ Level 4 (Full Validation)	•	Gina Mullen		etpoq;		C		80					
Accreditation:	litation: .AC	☐ Az Col	mpliance	Sampler On Ice:	Angel N. Rivera 这 Yes	era El No	M A93	300	C WO	00	∙09 Aq			***		
	EDD (Type)			# of Coolers.		,			012)£ A	s E			**		
				Cooler Temp	Temp(including:CF): /, /	76763770			M S	'd∃ ;	potu	ոյլոց		.		
Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL NO.	Nitrate	Сһюпс	S SQT	Sulfate	Phosp	2 IstoT				
9-0	10:35	án	692-02	7			X 又	X	X	\ \ \						
9-9	13:30	án	692-09	7			メメ	メ	X	×						
9-9	/h:H/	GW	692.05	7			メメ	X	メ	X						
										_		_		_		
														_		
										-						
												_		_		_
																_
Date 6-16	Time 16:20	Relinquished by	ned by	Received by	Via	Date Time 6/8/25 11:10	Remarks:									
Date	Time.	Relinquished by	bed by	Received by	Via·	Date Time										
	If necessary	, samples su			ocredited laboratorie	other accredited laboratories This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.	s possibility Any	sub-co	ntracted	data will	be clear	y notated o	n the ana	alytical	report.	

Page 15 of 16

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	

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PREPARED FOR

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

ANALYTICAL REPORT

Generated 6/22/2025 9:09:23 AM

JOB DESCRIPTION

Del Oro Dairy

JOB NUMBER

885-26681-1

Eurofins Albuquerque 4901 Hawkins NE Albuquerque NM 87109



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

Vella

Generated 6/22/2025 9:09:23 AM

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

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Client: EA Engineering Project/Site: Del Oro Dairy Laboratory Job ID: 885-26681-1

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
QC Sample Results	9
QC Association Summary	12
Lab Chronicle	
Certification Summary	15
Chain of Custody	16
Receipt Checklists	17

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Definitions/Glossary

Client: EA Engineering Job ID: 885-26681-1 Project/Site: Del Oro Dairy

Glossary

MDL

MPN

MQL

NC

ND

NEG

POS

PQL

PRES

QC RER

RL

RPD

TEF

TEQ

TNTC

ML

Abbreviation	These commonly used abbreviations may or may not be present in this report.
\tilde{\	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)

Not Detected at the reporting limit (or MDL or EDL if shown)

Method Detection Limit

Minimum Level (Dioxin)

Most Probable Number

Not Calculated

Negative / Absent

Positive / Present

Presumptive **Quality Control**

Method Quantitation Limit

Practical Quantitation Limit

Relative Error Ratio (Radiochemistry)

Toxicity Equivalent Factor (Dioxin)

Too Numerous To Count

Toxicity Equivalent Quotient (Dioxin)

Reporting Limit or Requested Limit (Radiochemistry)

Relative Percent Difference, a measure of the relative difference between two points

Case Narrative

Client: EA Engineering Project: Del Oro Dairy

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.

Job ID: 885-26681-1

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Client: EA Engineering Job ID: 885-26681-1

Project/Site: Del Oro Dairy

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

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: EA Engineering Job ID: 885-26681-1

Project/Site: Del Oro Dairy

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

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 Kieldahl (EPA 351.2)	ND		0.50	mg/L		06/17/25 13:10	06/18/25 13:55	1

Client: EA Engineering Job ID: 885-26681-1

Project/Site: Del Oro Dairy

Client Sample ID: 692-10 Lab Sample ID: 885-26681-3

Date Collected: 06/11/25 14:47

Date Received: 06/12/25 09:25

Matrix: Water

Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
650		50	mg/L			06/12/25 17:45	100
200		5.0	mg/L			06/12/25 17:31	10
ND		2.0	mg/L			06/12/25 17:31	10
Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1800		250	mg/L			06/17/25 14:33	1
0.53		0.50	mg/L		06/17/25 13:10	06/18/25 14:03	1
	650 200 ND Result	Result Qualifier	650 50 200 5.0 ND 2.0 Result 1800 Qualifier RL 250	650 50 mg/L 200 5.0 mg/L ND 2.0 mg/L Result Qualifier RL Unit 1800 250 mg/L	650 50 mg/L 200 5.0 mg/L ND 2.0 mg/L Result Qualifier RL Unit D 1800 250 mg/L	650 50 mg/L 200 5.0 mg/L ND 2.0 mg/L Result Qualifier RL Unit D Prepared 1800 250 mg/L	650 50 mg/L 06/12/25 17:45 200 5.0 mg/L 06/12/25 17:31 ND 2.0 mg/L 06/12/25 17:31 Result Qualifier RL Unit D Prepared Analyzed 1800 250 mg/L 06/17/25 14:33

6/22/2025

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Client: EA Engineering Project/Site: Del Oro Dairy

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-28143/4	Client Sample ID: Method Blank
Matrix: Water	Prep Type: Total/NA

Matrix: Water

Analysis Batch: 28143

	MB	MB						
Analyte	Result	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 **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA

Analysis Batch: 28143

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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 Client Sample ID: Lab Control Sample **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 28143

	Spike	MRL	MRL				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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 Client Sample ID: 692-06 **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 28143

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Sulfate	210		100	307		mg/L		92	80 - 120	

Lab Sample ID: 885-26681-1 MSD Client Sample ID: 692-06 Prep Type: Total/NA

Matrix: Water

Analysis Batch: 28143

•	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit	
Sulfate	210		100	307	-	mg/L		92	80 - 120	0	20	

Lab Sample ID: MB 885-28144/4 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 28144

	MR MR						
Analyte	Result 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 **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA

Analysis Batch: 28144

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

Job ID: 885-26681-1

Prep Type: Total/NA

Client Sample ID: 692-06

Client Sample ID: 692-06

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Type: Total/NA

Prep Type: Total/NA

Prep Type: Total/NA

Client Sample ID: Lab Control Sample

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MRL 885-28144/3 **Matrix: Water**

Analysis Batch: 28144

Client: EA Engineering

Project/Site: Del Oro Dairy

Spike MRL MRL %Rec Result Qualifier Analyte babbA %Rec Limits Unit 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

Sample Sample Spike MS MS %Rec Result Qualifier Result Qualifier Analyte Added Unit D %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

Spike RPD MSD MSD %Rec Sample Sample Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit 35.0 Nitrate Nitrite as N 5.7 40.1 mg/L 80 - 120 20

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

Lab Sample ID: MB 885-28492/1

Matrix: Water

Analysis Batch: 28492

мв мв

Analyte Qualifier Unit Dil Fac Result Prepared Analyzed Total Dissolved Solids 50 06/17/25 14:33 ND mq/L

Lab Sample ID: LCS 885-28492/2

Matrix: Water

Analysis Batch: 28492

Spike LCS LCS %Rec Analyte Added Result Qualifier Unit %Rec Limits Total Dissolved Solids 1000 990 80 - 120 mg/L

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 MRI MRI %Rec

Spike Added Result Qualifier Unit %Rec Limits Nitrogen, Total Kjeldahl 0.500 0.535 50 - 150 mg/L

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

MB MB Result Qualifier RL Unit Prepared Analyzed ND 0.50 06/17/25 13:10 06/18/25 13:28 Nitrogen, Total Kjeldahl mg/L

Eurofins Albuquerque

QC Sample Results

Client: EA Engineering Job ID: 885-26681-1

Project/Site: Del Oro Dairy

Nitrogen, Total Kjeldahl

Method: 351.2 - Nitrogen, Total Kjeldahl (Continued)

Lab Sample ID: LCS 885-28477/3-A			Client Sample ID: Lab Control Sample
Matrix: Water			Prep Type: Total/NA
Analysis Batch: 28643			Prep Batch: 28477
	Spike	LCS LCS	%Rec

Analyte Nitrogen, Total Kjeldahl	Added 10.0	10.3	 Unit mg/L	<u>D</u>	Rec 103	90 - 110	
Lab Sample ID: MRL 885-28477/2-A				Client	Sample		ontrol Sample

mg/L

0.500

Lab Sample ID. WILL 003-2047 172-A					Ollelli	Jampie	ib. Lab Control San	iibie
Matrix: Water							Prep Type: Tota	I/NA
Analysis Batch: 28643							Prep Batch: 28	3477
	Spike	MRL	MRL				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	

0.539

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6/22/2025

50 - 150

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 Batcl
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	<u> </u>
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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Page 12 of 17

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6/22/2025

QC Association Summary

Client: EA Engineering Job ID: 885-26681-1

Project/Site: Del Oro Dairy

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	

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Lab Chronicle

Client: EA Engineering Job ID: 885-26681-1

Project/Site: Del Oro Dairy

Client Sample ID: 692-06

Date Received: 06/12/25 09:25

Lab Sample ID: 885-26681-1 Date Collected: 06/11/25 11:30

Matrix: Water

Batch Batch Dilution Batch Prepared Prep Type Туре Method Run Factor **Number Analyst** Lab or Analyzed 300.0 06/12/25 16:06 Total/NA Analysis 10 28143 RC **EET ALB** Total/NA Analysis 300.0 10 28144 RC **EET ALB** 06/12/25 16:06 Total/NA 300.0 100 28143 RC 06/12/25 16:49 Analysis **EET ALB** Total/NA Analysis 2540C 28492 HR **EET ALB** 06/17/25 14:33 Total/NA **EET ALB** Prep 351.2 28477 EH 06/17/25 13:10 Total/NA Analysis 351.2 28643 EH **EET ALB** 06/18/25 13:54 1

Client Sample ID: 692-07 Lab Sample ID: 885-26681-2

Matrix: Water

Date Collected: 06/11/25 13:05 Date Received: 06/12/25 09:25

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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

Batch Batch Dilution Batch Prepared Method Prep Type Туре Run Factor **Number Analyst** Lab or Analyzed 06/12/25 17:31 Total/NA Analysis 300.0 10 28143 RC **EET ALB** Total/NA 300.0 28144 RC **EET ALB** 06/12/25 17:31 Analysis 10 Total/NA 300.0 28143 RC **EET ALB** 06/12/25 17:45 Analysis 100 Total/NA 2540C 28492 HR **EET ALB** 06/17/25 14:33 Analysis 1 Total/NA Prep 351.2 28477 EH **EET ALB** 06/17/25 13:10 Analysis Total/NA 351.2 28643 EH **EET ALB** 06/18/25 14:03 1

Laboratory References:

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

Accreditation/Certification Summary

Client: EA Engineering

Job ID: 885-26681-1

Project/Site: Del Oro Dairy

Laboratory: Eurofins Albuquerque

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

Authority	Progr	am	Identification Number	Expiration Date		
New Mexico			NM9425, NM0901	02-27-26		
• •	are included in this report, bu	ut the laboratory is not certif	fied by the governing authority. This lis	st may include analytes		
Analysis Method	Prep Method	Matrix	Analyte			
2540C		Water	Total Dissolved Solids			
300.0		Water	Chloride			
300.0		Water	Nitrate Nitrite as N	itrate Nitrite as N		
300.0		Water	Sulfate			
351.2	351.2	Water	Nitrogen, Total Kjeldahl			
Oregon	NELA	P	NM100001	02-26-26		
The following analytes	are included in this report, bu	it the laboratory is not certif	fied by the governing authority. This lis	st may include analytes		
for which the agency de	oes not offer certification.					
Analysis Method	Prep Method	Matrix	Analyte			
351.2	351.2	Water	Nitrogen, Total Kjeldahl			

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Page 16 of 17

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
		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	
ls 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	

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PREPARED FOR

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

ANALYTICAL REPORT

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JOB DESCRIPTION

Del Oro Dairy

JOB NUMBER

885-26752-1

Eurofins Albuquerque 4901 Hawkins NE Albuquerque NM 87109



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

Vella

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

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Client: EA Engineering Project/Site: Del Oro Dairy Laboratory Job ID: 885-26752-1

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
QC Sample Results	9
QC Association Summary	12
Lab Chronicle	14
Certification Summary	15
Chain of Custody	16
Receipt Checklists	17

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Definitions/Glossary

Client: EA Engineering Job ID: 885-26752-1

Project/Site: Del Oro Dairy

Qualifiers

HPLC/IC

Qualifier **Qualifier Description**

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

DL

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, RA, RE, IN	Indicates a Dilution, Re-analysis	, Re-extraction, or additional In
, , ,		,

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)	
EDI	Tationated Datastian Limit (Dissis)	

Detection Limit (DoD/DOE)

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 Lim

NC Not Calculated

Not Detected at the reporting limit (or MDL or EDL if shown) $\,$ ND

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

Job ID: 885-26752-1

Project: Del Oro Dairy

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

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6/26/2025

Client: EA Engineering Job ID: 885-26752-1

Project/Site: Del Oro Dairy

Client Sample ID: 692-08 Lab Sample ID: 885-26752-1 Date Collected: 06/12/25 12:25

1400

ND F1

Matrix: Water

06/19/25 10:16

06/20/25 09:45

06/18/25 15:52

Date Received: 06/13/25 09:25

Total Dissolved Solids (SM 2540C)

Nitrogen, Total Kjeldahl (EPA 351.2)

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

50

0.50

mg/L

mg/L

Client: EA Engineering Job ID: 885-26752-1

Project/Site: Del Oro Dairy

Client Sample ID: EW-02 Lab Sample ID: 885-26752-2

Matrix: Water

06/20/25 09:50

06/18/25 15:52

Date Collected: 06/12/25 14:05 Date Received: 06/13/25 09:25

Nitrogen, Total Kjeldahl (EPA 351.2)

Method: EPA 300.0 - Anions, Ion 0	Chromatograp	ohy						
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

13

mg/L

ND

8

4.0

Client: EA Engineering Job ID: 885-26752-1

Project/Site: Del Oro Dairy

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

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

Client: EA Engineering Project/Site: Del Oro Dairy

Prep Type: Total/NA

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-28232/35 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 28232

	MB	MB						
Analyte	Result	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 Client Sample ID: Method Blank

Matrix: Water

Analysis Batch: 28232

	IVID	IVID						
Analyte	Result	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 Client Sample ID: Lab Control Sample **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 28232

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 28232

	Spike	MKL	MKL				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Chloride	0.500	0.525		mg/L		105	50 - 150	
Sulfate	0.500	0.490	J	ma/L		98	50 - 150	

Lab Sample ID: 885-26752-1 MS Client Sample ID: 692-08 Prep Type: Total/NA

Matrix: Water

Analysis Batch: 28232

-	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Sulfate	190		100	283		mg/L		94	80 - 120	

Lab Sample ID: 885-26752-1 MSD Client Sample ID: 692-08 Prep Type: Total/NA

Matrix: Water

Analysis Batch: 28232

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Sulfate	190		100	278		mg/L		89	80 - 120	2	20

Lab Sample ID: MB 885-28233/35 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 28233

•	МВ	MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate Nitrite as N	ND		0.20	mg/L			06/13/25 13:57	1

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 Client Sample ID: Method Blank

MB MB

Matrix: Water

Analysis Batch: 28233

Prep Type: Total/NA

Analyte Result Qualifier RLUnit D Prepared Analyzed Dil Fac Nitrate Nitrite as N ND 0.20 mg/L 06/13/25 08:27

Lab Sample ID: LCS 885-28233/34 Client Sample ID: Lab Control Sample **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 28233

Spike LCS LCS %Rec Analyte Added Result Qualifier Unit D %Rec Limits Nitrate Nitrite as N 3.50 3.48 mg/L 100 90 - 110

Lab Sample ID: MRL 885-28233/3 Client Sample ID: Lab Control Sample Prep Type: Total/NA

Matrix: Water

Analysis Batch: 28233

Spike MRL MRL %Rec Added Result Qualifier Unit %Rec Limits Nitrate Nitrite as N 0.200 0.204 102 50 - 150 ma/L

Lab Sample ID: 885-26752-1 MS Client Sample ID: 692-08 **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 28233

MS MS Sample Sample Spike %Rec Added %Rec Analyte Result Qualifier Result Qualifier Unit Limits Nitrate Nitrite as N 4.3 35.0 39.1 mg/L 80 - 120

Lab Sample ID: 885-26752-1 MSD

Matrix: Water

Analysis Batch: 28233

-	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	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 Client Sample ID: Method Blank **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 28651

MB MB Result Qualifier RL Unit Dil Fac Analyte D Prepared Analyzed 50 **Total Dissolved Solids** ND mg/L 06/19/25 10:16

Lab Sample ID: LCS 885-28651/2 Client Sample ID: Lab Control Sample Prep Type: Total/NA

Matrix: Water

Analysis Batch: 28651

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

Eurofins Albuquerque

Client Sample ID: 692-08

Prep Type: Total/NA

Job ID: 885-26752-1

Prep Type: Total/NA

Prep Type: Total/NA

Prep Type: Total/NA Prep Batch: 28606

Prep Type: Total/NA

Prep Type: Total/NA

Client Sample ID: 692-08

Prep Type: Total/NA

Prep Batch: 28606

Prep Batch: 28606

Prep Batch: 28606

Dil Fac

Prep Batch: 28605

Client Sample ID: Lab Control Sample

Limits

50 - 150

Client Sample ID: Method Blank

Analyzed

06/20/25 09:38

Client Sample ID: Lab Control Sample

%Rec

Limits

90 - 110

Client Sample ID: Lab Control Sample

%Rec

Limits

%Rec

Limits

90 - 110

50 - 150

%Rec

Prepared

06/18/25 15:52

%Rec

%Rec

%Rec

104

102

D

D

Client: EA Engineering Project/Site: Del Oro Dairy

Method: 2540C - Solids, Total Dissolved (TDS) (Continued) Lab Sample ID: 885-26752-1 DU Client Sample ID: 692-08

Spike

Added

0.500

Spike

Added

10.0

Spike

Added

0.500

Spike

Added

10.0

Matrix: Water

Analysis Batch: 28651

Analysis Daton, 20031									
	Sample	Sample	DU	DU					RPD
Analyte	Result	Qualifier	Result	Qualifier	Unit	D		RPD	Limit
Total Dissolved Solids	1400		1410		mg/L			0.1	10

MRL MRL

LCS LCS

MRL MRL

MS MS

8.44 F1

Result Qualifier

Result

ND

Result

10.4

Qualifier

Qualifier

0.511

RL

0.50

Result Qualifier

Unit

mg/L

Unit

mg/L

Unit

mg/L

Unit

mg/L

Unit

mg/L

Method: 351.2 - Nitrogen, Total Kjeldahl

Lab Sample ID: MRL 885-28605/4-A **Matrix: Water**

Lab Sample ID: MB 885-28606/1-A

Analysis Batch: 28733

Analyte
Nitrogen, Total Kjeldahl

Matrix: Water

Analysis Batch: 28733		
	MB	MB

Analyte	Result	Qualifier
Nitrogen, Total Kjeldahl	ND	

Nitrogen, Total Kjeldahl

Lab Sample ID: LCS 885-28606/3-A

Matrix: Water Analysis Batch: 28733

Analyte Nitrogen, Total Kjeldahl

Lab Sample ID: MRL 885-28606/2-A

Matrix: Water Analysis Batch: 28733

Analyte Nitrogen, Total Kjeldahl

Lab Sample ID: 885-26752-1 MS **Matrix: Water**

Analysis Batch: 28733

Analyte

Nitrogen, Total Kjeldahl Lab Sample ID: 885-26752-1 MSD

Matrix: Water Analysis Batch: 28733

Sample Sample Analyte

Result Qualifier ND F1 Nitrogen, Total Kjeldahl

Spike Added 10.0

Sample Sample

ND F1

Result Qualifier

MSD MSD Result Qualifier 9.02

Unit mg/L

D

D

%Rec

%Rec Limits 90 - 110

RPD Limit

Client Sample ID: 692-08

Prep Type: Total/NA

Prep Batch: 28606

RPD

Eurofins Albuquerque

QC Association Summary

Client: EA Engineering Job ID: 885-26752-1 Project/Site: Del Oro Dairy

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 Batc
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

Page 12 of 17

6/26/2025

QC Association Summary

Client: EA Engineering Job ID: 885-26752-1

Project/Site: Del Oro Dairy

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 Job ID: 885-26752-1

Project/Site: Del Oro Dairy

Date Received: 06/13/25 09:25

Client Sample ID: 692-08 Lab Sample ID: 885-26752-1 Date Collected: 06/12/25 12:25

Matrix: Water

Batch Batch Batch Dilution Prepared Prep Type Туре Method Run Factor **Number Analyst** Lab or Analyzed 300.0 06/13/25 14:28 Total/NA Analysis 10 28232 RC **EET ALB** Total/NA Analysis 300.0 10 28233 RC **EET ALB** 06/13/25 14:28 Total/NA 2540C 28651 HR **EET ALB** 06/19/25 10:16 Analysis 1 **EET ALB** 06/18/25 15:52 Total/NA Prep 351.2 28606 EH Total/NA Analysis 351.2 28733 EH **EET ALB** 06/20/25 09:45 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

_	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	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 Lab Sample ID: 885-26752-3

Date Collected: 06/12/25 15:35 **Matrix: Water** Date Received: 06/13/25 09:25

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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

Job ID: 885-26752-1

Project/Site: Del Oro Dairy

Laboratory: Eurofins Albuquerque

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

Authority	Progr	am	Identification Number	Expiration Date				
New Mexico	State		NM9425, NM0901	02-27-26				
• •	are included in this report, bu	ut the laboratory is not certif	fied by the governing authority. This lis	st may include analytes				
Analysis Method	Prep Method	Matrix	Analyte					
2540C		Water	Total Dissolved Solids					
300.0		Water	Chloride					
300.0		Water	Nitrate Nitrite as N Sulfate					
300.0		Water						
351.2	351.2	Water	Nitrogen, Total Kjeldahl					
Oregon	NELA	P	NM100001	02-26-26				
The following analytes	are included in this report, bu	it the laboratory is not certif	fied by the governing authority. This lis	st may include analytes				
for which the agency de	oes not offer certification.							
Analysis Method	Prep Method	Matrix	Analyte					
351.2	351.2	Water	Nitrogen, Total Kjeldahl					

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Turn-Around Time

6/26/2025

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	Johnnett
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	

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 5/29/2025 2:23:09 PM

JOB DESCRIPTION

Dominguez Dairy 2

JOB NUMBER

885-25311-1

Eurofins Albuquerque 4901 Hawkins NE Albuquerque NM 87109



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

5/29/2025

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Client: EA Engineering Project/Site: Dominguez Dairy 2 Laboratory Job ID: 885-25311-1

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
QC Sample Results	9
QC Association Summary	12
Lab Chronicle	14
Certification Summary	15
Chain of Custody	16
Receipt Checklists	17

Definitions/Glossary

Job ID: 885-25311-1 Client: EA Engineering

Project/Site: Dominguez Dairy 2

Qualifiers

HPLC/IC

Qualifier **Qualifier Description**

F1 MS and/or MSD recovery exceeds control limits.

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**

Ε 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

Decision Level Concentration (Radiochemistry) DLC

EDL Estimated Detection Limit (Dioxin) LOD Limit of Detection (DoD/DOE) Limit of Quantitation (DoD/DOE) LOQ

MCL EPA recommended "Maximum Contaminant Level" Minimum Detectable Activity (Radiochemistry) MDA MDC Minimum Detectable Concentration (Radiochemistry)

MDL Method Detection Limit ML Minimum Level (Dioxin) MPN Most Probable Number MQL Method Quantitation Limit

Not Calculated NC

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)

RLReporting Limit or Requested Limit (Radiochemistry)

Relative Percent Difference, a measure of the relative difference between two points **RPD**

Toxicity Equivalent Factor (Dioxin) TEF Toxicity Equivalent Quotient (Dioxin) **TEQ**

Too Numerous To Count **TNTC**

Case Narrative

Client: EA Engineering
Project: Dominguez Dairy 2

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.

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Page 5 of 17

2

Job ID: 885-25311-1

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Client: EA Engineering Job ID: 885-25311-1

Project/Site: Dominguez Dairy 2

Client Sample ID: 42-12

Lab Sample ID: 885-25311-1

Matrix: Water

Date Collected: 05/20/25 11:50 Date Received: 05/21/25 10:00

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: EA Engineering Job ID: 885-25311-1

Project/Site: Dominguez Dairy 2

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

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: EA Engineering Job ID: 885-25311-1

Project/Site: Dominguez Dairy 2

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

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

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Client: EA Engineering

Project/Site: Dominguez Dairy 2

Job ID: 885-25311-1

Client Sample ID: Method Blank

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-26623/58

Matrix: Water

Analysis Batch: 26623

Prep Type: Total/NA

Analyte Result Qualifier RL Unit D Prepared Analyzed Dil Fac Chloride ND 0.50 mg/L 05/21/25 23:16

Lab Sample ID: LCS 885-26623/59 Client Sample ID: Lab Control Sample **Matrix: Water**

Prep Type: Total/NA

Analysis Batch: 26623

Spike LCS LCS %Rec Analyte Added Result Qualifier Unit D %Rec Limits

Chloride 5.00 4.77 mg/L 95 90 - 110

Lab Sample ID: MRL 885-26623/3 **Client Sample ID: Lab Control Sample**

Matrix: Water Prep Type: Total/NA

Analysis Batch: 26623

MB MB

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

Lab Sample ID: MB 885-26624/58 Client Sample ID: Method Blank **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 26624

мв мв

Result Qualifier RL Unit Dil Fac Analyte D Prepared Analyzed 0.10 Nitrate ND 05/21/25 23:16 mg/L 05/21/25 23:16 Nitrite ND 0.10 mg/L

Lab Sample ID: LCS 885-26624/59 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 26624

_	Spike	LCS	LCS				%Rec		
Analyte	Added	Result	Qualifier	Unit	D	%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 Client Sample ID: Lab Control Sample Prep Type: Total/NA

Matrix: Water

Analysis Batch: 26624

	Spike	MRL	MRL				%Rec
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits
Nitrate	0.100	0.100		mg/L		100	50 - 150
Nitrite	0.100	0.0998	J	ma/l		100	50 - 150

Lab Sample ID: 885-25311-3 MS Client Sample ID: 42-03 Prep Type: Total/NA

Matrix: Water

Analysis Batch: 26624

Analysis Daton. 20024										
	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Nitrate	40		25.0	68.4		mg/L		113	80 - 120	

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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 Client Sample ID: 42-03 Prep Type: Total/NA

Matrix: Water

Analysis Batch: 26624

Sample Sample Spike MSD MSD %Rec RPD Result Qualifier Analyte babbA Result Qualifier %Rec Limits RPD Limit Unit 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 Client Sample ID: Method Blank

Matrix: Water Prep Type: Total/NA

Analysis Batch: 26861

MD MD

Analyte	Result 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 **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA

Analysis Batch: 26861

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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 Client Sample ID: Lab Control Sample **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 26872

Analysis Batch: 26872							Prep I	Batch: 26757
	Spike	MRL	MRL				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Nitrogen, Total Kjeldahl	0.500	0.511		mg/L		102	50 - 150	

Lab Sample ID: MB 885-26758/1-A Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 26872

мв мв Analyte Result Qualifier RL Unit Prepared Analyzed Dil Fac Nitrogen, Total Kjeldahl ND 0.50 mg/L 05/22/25 10:56 05/22/25 16:51

Lab Sample ID: MB 885-26758/1-A Client Sample ID: Method Blank

Matrix: Water Prep Type: Total/NA Analysis Batch: 26894 Prep Batch: 26758 MR MR

Qualifier Result RL Unit Prepared Analyzed Dil Fac Nitrogen, Total Kjeldahl ND 0.50 mg/L 05/22/25 10:56 05/23/25 14:39

Lab Sample ID: LCS 885-26758/3-A

Matrix: Water Analysis Batch, 20072

Analysis Batch: 26872							Prep	Batch: 26758
	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Nitrogen, Total Kjeldahl	10.0	10.2		mg/L		102	90 - 110	

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5/29/2025

Prep Type: Total/NA

Client Sample ID: Lab Control Sample

Prep Batch: 26758

QC Sample Results

Client: EA Engineering Job ID: 885-25311-1

Project/Site: Dominguez Dairy 2

Method: 351.2 - Nitrogen,	Total	Kjeldahl	(Continued)
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Lab Sample ID: LCS 885-26758/3-A

Nitrogen, Total Kjeldahl

Matrix: Water							Prep '	Type: Total/NA
Analysis Batch: 26894							Prep	Batch: 26758
	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Nitrogen, Total Kjeldahl	10.0	9.94		mg/L		99	90 - 110	

Lab Sample ID: MRL 885-26758/2-A					Client	Sample	ID: Lab Control Sam	ple
Matrix: Water							Prep Type: Total/	NA
Analysis Batch: 26872							Prep Batch: 267	758
	Spike	MRL	MRL				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	

0.540

mg/L

0.500

Lab Sample ID: MRL 885-26758/2-A					Client	Sample	ID: Lab C	ontrol Sample
Matrix: Water							Prep 1	Type: Total/NA
Analysis Batch: 26894							Prep	Batch: 26758
	Spike	MRL	MRL				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Nitrogen, Total Kjeldahl	0.500	ND		mg/L		91	50 - 150	

5/29/2025

Client Sample ID: Lab Control Sample

50 - 150

QC Association Summary

Client: EA Engineering Job ID: 885-25311-1

Project/Site: Dominguez Dairy 2

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 Batcl
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

5/29/2025

QC Association Summary

Client: EA Engineering Job ID: 885-25311-1

Project/Site: Dominguez Dairy 2

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 Job ID: 885-25311-1

Project/Site: Dominguez Dairy 2

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

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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 Lab Sample ID: 885-25311-2

Date Collected: 05/20/25 13:47 Matrix: Water

Date Received: 05/21/25 10:00

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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 Lab Sample ID: 885-25311-3

Date Collected: 05/20/25 15:20 Matrix: Water Date Received: 05/21/25 10:00

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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

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Eurofins Albuquerque

Accreditation/Certification Summary

Client: EA Engineering Job ID: 885-25311-1

Project/Site: Dominguez Dairy 2

Laboratory: Eurofins Albuquerque

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

Authority	Progr	am	Identification Number	Expiration Date
New Mexico	State		NM9425, NM0901	02-27-26
• •	are included in this report, bu	ut the laboratory is not certi	fied by the governing authority. This lis	st may include analyte
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	NELA	Р	NM100001	02-26-26
• •	are included in this report, bu	ut the laboratory is not certi	fied by the governing authority. This lis	st may include analyte
Analysis Method	Prep Method	Matrix	Analyte	
351.2	351.2	Water	Nitrogen, Total Kjeldahl	

J	hain-	01-C	Chain-ot-Custody Record	ו מננו-אנסמנומ דונום				_	HALL		VIR	FNVTRONMENTAL	NTAL
Client:				Standard	□ Rush				N	LYS	ISL	ABOR	ANALYSIS LABORATORY
EA Eng	lineering,	Science	, and Technology	Project Name:	ini				www.h	allenvir	www.hallenvironmental.com	al.com	3
Mailing	Address		Mailing Address:	Dominguez Dairy 2	Jairy 2		4901	Hawk	4901 Hawkins NE	- Albu	querque	Albuquerque, NM 87109	
320 Gc	320 Gold Ave SW Suite	W Suite		Project #:			Tel.	505-3	Tel. 505-345-3975	F.	Fax 505-	505-345-4107	
Phone #:	#	505-715-4279	-4279							Analys	Analysis Request	iest	885-25311 CO
email c	email or Fax#:		rmullen@eaest.com	Project Manager:	ger:		300						
QAVQC	QA/QC Package:				Gina Mullen		роч						
□ Standard	ndard		□ Level 4 (Full Validation)				Netl		O		101		
Accred	Accreditation:	□ Az C¢	☐ Az Compliance	Sampler:	igel N. Rive		N ∀d	00			09 \		
O NELAC	-AC	□ Other		On Ice:	⊠ Yes [ON.	13 5	30			/d=		
O EDI	EDD (Type)			# of Coolers:		R. Mo		_					
				Cooler Temp(Including CF)	Minaluding CF): 2.4	\$ 40.2 = 2.50							
Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	Nitrate TKN 3	Chlorid	S SOT Sulfate		Phospl S lstoT		
5-20	11:50	3	4242	r			×	×	×				
2-20	5-20 1347 AW	R 3	04-24	2			X X	X	×				
5-50	15:20	GE	£02h	2			XX	人	×				
								_					
				-									
				2				_					
								-					
į	Ë	100	4	Deceived by:	Visi	Oate Time	Domorke	-					
5-20	ST. ST.	Reinfulshed by.	y w		FedEX	12					į		
Date:	Time: S	Relinquished by:	ned by:	Received by:	Via:	Date Time							
	If necessary	samples su	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.	ocontracted to other	accredited laboratorie	s. This serves as notice of the	is possibility. An	y sub-co	ntracted d	ata will be	clearly not	ated on the analyt	ical report.

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

oreator. Dominguoz, 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	

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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 4901 Hawkins NE Albuquerque NM 87109



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

Vella

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

6/3/2025

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Client: EA Engineering Project/Site: Dominguez Dairy 1 Laboratory Job ID: 885-25451-1

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
QC Sample Results	9
QC Association Summary	12
Lab Chronicle	14
Certification Summary	15
Chain of Custody	16
Receipt Checklists	17

6

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Definitions/Glossary

Client: EA Engineering Job ID: 885-25451-1

Project/Site: Dominguez Dairy 1

Qualifiers

General Chemistry

Qualifier	Qualifier Description
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.

Glossary

Ciossary	
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 Cont

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

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Page 4 of 17

B

E

6

9

Case Narrative

Client: EA Engineering

Job ID: 885-25451-1

Project: Dominguez Dairy 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.

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6/3/2025

Client: EA Engineering Job ID: 885-25451-1

Project/Site: Dominguez Dairy 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

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 Kieldahl (EPA 351.2)	ND	F1	0.50	mg/L		05/28/25 10:58	05/29/25 14:36	1

6/3/2025

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Client: EA Engineering Job ID: 885-25451-1

Project/Site: Dominguez Dairy 1

Client Sample ID: 624-01

Lab Sample ID: 885-25451-2

Date Collected: 05/22/25 12:17
Date Received: 05/23/25 10:10

Matrix: Water

Method: EPA 300.0 - Anions, Ion C	hromatograp	hy						
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

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Client: EA Engineering Job ID: 885-25451-1

Project/Site: Dominguez Dairy 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

		=						
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

6/3/2025

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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 Client Sample ID: Method Blank

Matrix: Water

Analysis Batch: 26820

Prep Type: Total/NA

MB MB Analyte Result Qualifier RLUnit D Prepared Analyzed Dil Fac Chloride ND 0.50 mg/L 05/23/25 07:59

Lab Sample ID: MB 885-26820/58 Client Sample ID: Method Blank **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 26820

MB MB Dil Fac Analyte Result Qualifier RL Unit D Prepared Analyzed Chloride ND 0.50 mg/L 05/23/25 16:50

Lab Sample ID: LCS 885-26820/5 Client Sample ID: Lab Control Sample Prep Type: Total/NA

Matrix: Water

Analysis Batch: 26820

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

Lab Sample ID: LCS 885-26820/59 Client Sample ID: Lab Control Sample Prep Type: Total/NA

Matrix: Water

Analysis Batch: 26820

LCS LCS Spike %Rec Added Analyte Result Qualifier Unit %Rec Limits Chloride 5.00 4.92 90 - 110 mg/L

Lab Sample ID: MRL 885-26820/3 Client Sample ID: Lab Control Sample

Matrix: Water

Analysis Batch: 26820

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

Lab Sample ID: MB 885-26821/4 Client Sample ID: Method Blank

Matrix: Water

Analysis Batch: 26821

MB MB Result Analyte Qualifier RL Unit D Prepared Analyzed Nitrate ND 0.10 mg/L 05/23/25 07:59

Lab Sample ID: MB 885-26821/58 Client Sample ID: Method Blank

0.10

mg/L

Matrix: Water

Nitrite

Analysis Batch: 26821

MR MR

ND

Analyte Result Qualifier RL Unit D Prepared Analyzed Dil Fac ND 0.10 mg/L Nitrate 05/23/25 16:50 Nitrite ND 0.10 mg/L 05/23/25 16:50

Eurofins Albuquerque

Prep Type: Total/NA

Prep Type: Total/NA

Dil Fac

05/23/25 07:59

Job ID: 885-25451-1

Prep Type: Total/NA

Prep Type: Total/NA

Prep Type: Total/NA

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample

Client: EA Engineering

Project/Site: Dominguez Dairy 1

Lab Sample ID: LCS 885-26821/5

Method: 300.0 - Anions, Ion Chromatography (Continued)

Matrix: Water

Analysis Batch: 26821

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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

7 maryoto Batom 20021							
	Spike	LCS	LCS			%Rec	
Analyte	Added	Result	Qualifier L	Jnit D	%Rec	Limits	
Nitrate	2.50	2.50	n	ng/L	100	90 - 110	
Nitrite	1.00	0.953	n	ng/L	95	90 - 110	

Lab Sample ID: MRL 885-26821/3

Matrix: Water

Analysis Batch: 26821

		Spike	MRL	MRL				%Rec	
Analyte		Added	Result	Qualifier	Unit	D	%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

	MB	MB
Analyte	Result	Qualif

Analyte	Result 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

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

Lab Sample ID: 885-25451-1 DU

Matrix: Water

Analysis Batch: 27150

7 man y 0.0 2 man 2. 100	Sample	Sample	DU	DU				RPD
Analyte	Result	Qualifier	Result	Qualifier	Unit	D	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

	MB	MB
nalyte	Rosult	Oua

Analyte	Result Qua	lifier RL	Unit	D	Prepared	Analyzed	Dil F
Nitrogen, Total Kjeldahl	ND	0.50	mg/L		05/28/25 10:58	05/29/25 14:10	

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Prep Type: Total/NA Prep Batch: 27048

Page 10 of 17

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

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Client Sample ID: 624-11

Prep Type: Total/NA

Client Sample ID: Method Blank

QC Sample Results

Client: EA Engineering Job ID: 885-25451-1

Project/Site: Dominguez Dairy 1

Nitrogen, Total Kjeldahl

Method: 351.2 - Nitrogen, Total Kjeldahl (Continued)

Lab Sample ID: LCS 885-27048/5-A			Client Sample ID: Lab Control Sample
Matrix: Water			Prep Type: Total/NA
Analysis Batch: 27194			Prep Batch: 27048
	Snike	LCS LCS	%Rec

,	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Nitrogen, Total Kjeldahl	10.0	10.3		mg/L		103	90 - 110	

Lab Sample ID: MRL 885-27048/4-A Client Sample ID: Lab Control Sample **Matrix: Water** Prep Type: Total/NA Analysis Batch: 27194 Prep Batch: 27048 Spike MRL MRL %Rec Analyte Added Result Qualifier Limits Unit D %Rec

Lab Sample ID: 885-25451-1 MS	Client Sample ID: 624-11
Matrix: Water	Prep Type: Total/NA
Analysis Batch: 27194	Prep Batch: 27048

0.544

mg/L

0.500

Analysis Daton. 27 134									1 164	Dateii.	27040
	Sample	Sample	Spike	MS	MS				%Rec		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Nitrogen, Total Kjeldahl	ND	F1	10.0	11.2	F1	mg/L		112	90 - 110		

Lab Sample ID: 885-25451-1 MS Matrix: Water Analysis Batch: 27194	D								•	ple ID: 6 ype: To Batch:	tal/NA
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Nitrogen, Total Kjeldahl	ND	F1	10.0	11.8	F1	mg/L		118	90 - 110	5	20

50 - 150

QC Association Summary

Client: EA Engineering Job ID: 885-25451-1

Project/Site: Dominguez Dairy 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	<u> </u>
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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6/3/2025

Page 12 of 17

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QC Association Summary

Client: EA Engineering Job ID: 885-25451-1

Project/Site: Dominguez Dairy 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 Job ID: 885-25451-1

Project/Site: Dominguez Dairy 1

Client Sample ID: 624-11

Lab Sample ID: 885-25451-1

Matrix: Water

Date Collected: 05/22/25 10:03 Date Received: 05/23/25 10:10

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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

Lab Sample ID: 885-25451-2

Matrix: Water

Date Collected: 05/22/25 12:17 Date Received: 05/23/25 10:10

Client Sample ID: 624-01

Batch Dilution Batch Prepared Prep Type Туре Method Run Factor Number Analyst Lab or Analyzed 05/23/25 14:32 Total/NA 300.0 26821 RC EET ALB Analysis 10 Total/NA Analysis 300.0 100 26820 RC **EET ALB** 05/23/25 14:42 Total/NA Analysis 2540C 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 27194 EH **EET ALB** 05/29/25 14:33

Client Sample ID: 624-02 Lab Sample ID: 885-25451-3

Matrix: Water

Date Collected: 05/22/25 15:00 Date Received: 05/23/25 10:10

_	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	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

6/3/2025

Accreditation/Certification Summary

Client: EA Engineering Job ID: 885-25451-1

Project/Site: Dominguez Dairy 1

Laboratory: Eurofins Albuquerque

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

Authority	Progr	am	Identification Number	Expiration Date				
New Mexico	State		NM9425, NM0901	02-27-26				
The following analytes	are included in this report, bu	ut the laboratory is not certi	fied by the governing authority. This lis	st may include analytes				
for which the agency d	oes 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	NELA	Р	NM100001	02-26-26				
,	are included in this report, bu	ut the laboratory is not certi	fied by the governing authority. This lis	st may include analytes				
Analysis Method	Prep Method	Matrix	Analyte					
351.2	351.2	Water		Nitrogen, Total Kjeldahl				

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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	

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ANALYTICAL REPORT

PREPARED FOR

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

Generated 6/9/2025 5:44:59 PM

JOB DESCRIPTION

Dominguez Dairy 1

JOB NUMBER

885-25702-1

Eurofins Albuquerque 4901 Hawkins NE Albuquerque NM 87109



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

Vella

Generated 6/9/2025 5:44:59 PM

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

Page 2 of 15 6/9/2025

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Client: EA Engineering
Project/Site: Dominguez Dairy 1

Laboratory Job ID: 885-25702-1

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
QC Sample Results	8
QC Association Summary	11
Lab Chronicle	12
Certification Summary	13
Chain of Custody	
Receipt Checklists	15

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Definitions/Glossary

Client: EA Engineering Job ID: 885-25702-1

Project/Site: Dominguez Dairy 1

Glossary

ML

MPN

MQL

NC

ND

NEG

POS

PQL

PRES

QC RER

RL

RPD TEF

TEQ

TNTC

Minimum Level (Dioxin)

Most Probable Number

Not Calculated

Negative / Absent

Positive / Present

Presumptive Quality Control

Method Quantitation Limit

Practical Quantitation Limit

Relative Error Ratio (Radiochemistry)

Toxicity Equivalent Factor (Dioxin)

Too Numerous To Count

Toxicity Equivalent Quotient (Dioxin)

Reporting Limit or Requested Limit (Radiochemistry)

Relative Percent Difference, a measure of the relative difference between two points

Not Detected at the reporting limit (or MDL or EDL if shown)

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

Case Narrative

Client: EA Engineering Project: Dominguez Dairy 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

Page 5 of 15

Job ID: 885-25702-1

Client: EA Engineering Job ID: 885-25702-1

Project/Site: Dominguez Dairy 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

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	0.63		0.50	mg/L		06/02/25 16:41	06/05/25 16:42	1
351.2)								

6/9/2025

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Client: EA Engineering Job ID: 885-25702-1

Project/Site: Dominguez Dairy 1

Client Sample ID: 624-10 Lab Sample ID: 885-25702-2

Date Collected: 05/28/25 11:25
Date Received: 05/29/25 10:42
Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography Analyte Unit Result Qualifier RLD Prepared Analyzed Dil Fac Chloride 5.0 mg/L 05/29/25 17:28 790 10 05/29/25 17:28 **Nitrate** 1.5 1.0 mg/L 10 Nitrite ND 1.0 mg/L 05/29/25 17:28 10

General Chemistry Result Qualifier Dil Fac Analyte RL Unit D Prepared Analyzed Total Dissolved Solids (SM 2540C) 3500 100 mg/L 06/02/25 14:43 Nitrogen, Total Kjeldahl (EPA 0.91 0.50 mg/L 06/02/25 16:41 06/05/25 16:47

351.2)

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Job ID: 885-25702-1

Prep Type: Total/NA

Prep Type: Total/NA

Prep Type: Total/NA

Prep Type: Total/NA

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

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

MB MB

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

Lab Sample ID: LCS 885-27129/5

Matrix: Water

Analysis Batch: 27129

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

Lab Sample ID: MRL 885-27129/3

Matrix: Water

Analysis Batch: 27129

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

Lab Sample ID: MB 885-27130/4

Matrix: Water

Analysis Batch: 27130

мв мв

Analyte	Result	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

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

Lab Sample ID: MRL 885-27130/3

Matrix: Water

Analysis Batch: 27130

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

Lab Sample ID: 885-25702-2 MS

Matrix: Water

Analysis Ratch: 27130

Alialysis Dalcii. 21 130										
	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%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

6/9/2025

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

Job ID: 885-25702-1

Client: EA Engineering

Project/Site: Dominguez Dairy 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

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Type: Total/NA

	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	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

мв мв

MR MR

Qualifier

Result

ND

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

Lab Sample ID: LCS 885-27386/2

Matrix: Water

Analysis Batch: 27386

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

RL

0.50

Method: 351.2 - Nitrogen, Total Kjeldahl

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

Matrix: Water

Analyte

Analysis Batch: 27727

Prep Type: Total/NA

Prep Batch: 27406

Analyzed Dil Fac

Client Sample ID: Method Blank

06/05/25 16:15

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

Matrix: Water

Nitrogen, Total Kjeldahl

Analysis Batch: 27727

Client Sample ID: Lab Control Sample

Unit

mg/L

Prep Type: Total/NA Prep Batch: 27406

Prepared

06/02/25 16:41

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

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

MRL MRL Spike %Rec Added %Rec Analyte Result Qualifier Unit 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

7 manyono Batom 21 1 21										
	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Nitrogen, Total Kjeldahl	0.63		10.0	10.8		mg/L		102	90 - 110	

Eurofins Albuquerque

Page 9 of 15

6/9/2025

QC Sample Results

Client: EA Engineering Job ID: 885-25702-1

Project/Site: Dominguez Dairy 1

Method: 351.2 - Nitrogen, Total Kjeldahl (Continued)

0.63

Nitrogen, Total Kjeldahl

Lab Sample ID: 885-25702-1 MSD	Client Sample ID: 624-09
Matrix: Water	Prep Type: Total/NA

10.0

Analysis Batch: 27727							Pre	p Batch:	27406	
	Sample Sample	Spike	MSD MSD				%Rec		RPD	
Analyte	Result Qualifier	Added	Result Qualifier	Unit	D	%Rec	Limits	RPD	Limit	

11.2

mg/L

106

90 - 110

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QC Association Summary

Client: EA Engineering

Job ID: 885-25702-1 Project/Site: Dominguez Dairy 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 Job ID: 885-25702-1

Project/Site: Dominguez Dairy 1

Client Sample ID: 624-09

Lab Sample ID: 885-25702-1

Matrix: Water

Date Collected: 05/28/25 10:00 Date Received: 05/29/25 10:42

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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

Lab Sample ID: 885-25702-2

Matrix: Water

Client Sample ID: 624-10 Date Collected: 05/28/25 11:25 Date Received: 05/29/25 10:42

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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 Job ID: 885-25702-1

Project/Site: Dominguez Dairy 1

Laboratory: Eurofins Albuquerque

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

Authority	Progr	am	Identification Number	Expiration Date
New Mexico	State		NM9425, NM0901	02-27-26
The following analytes	are included in this report, bu	it the laboratory is not certi	fied by the governing authority. This lis	st may include analytes
for which the agency d	oes 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	NELA	P	NM100001	02-26-26
,	are included in this report, bu	ut the laboratory is not certi	fied by the governing authority. This lis	st may include analytes
Analysis Method	Prep Method	Matrix	Analyte	
351.2	351.2	Water	Nitrogen, Total Kjeldahl	

6/9/2025

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	

6/9/2025

ANALYTICAL REPORT

PREPARED FOR

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

Generated 6/2/2025 2:11:46 PM

JOB DESCRIPTION

Dominguez Dairy 2

JOB NUMBER

885-25382-1

Eurofins Albuquerque 4901 Hawkins NE Albuquerque NM 87109



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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Client: EA Engineering Project/Site: Dominguez Dairy 2 Laboratory Job ID: 885-25382-1

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	
Case Narrative	5
Client Sample Results	6
QC Sample Results	10
QC Association Summary	13
Lab Chronicle	15
Certification Summary	16
Chain of Custody	17
Racaint Chacklists	18

4

5

9

Definitions/Glossary

Client: EA Engineering Job ID: 885-25382-1

Project/Site: Dominguez Dairy 2

Glossary

DLC

Ciossaiy	
Abbreviation	These commonly used abbreviations may or may not be present in this report.
\(\phi \)	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

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)

Decision Level 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

Eurofins Albuquerque

Page 4 of 18 6/2/2025

Case Narrative

Client: EA Engineering
Project: Dominguez Dairy 2

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.

Job ID: 885-25382-1

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Client: EA Engineering Job ID: 885-25382-1

Project/Site: Dominguez Dairy 2

Client Sample ID: 42-13 Lab Sample ID: 885-25382-1

Date Collected: 05/21/25 10:25 Matrix: Water

Date Received: 05/22/25 09:10

Method: EPA 300.0 - Anions, Ion		tograpny Qualifier	RL	Unit	D	Dronorod	Analyzed	Dil Fac
Analyte	Kesuit	Qualifier	KL	UIIIL		Prepared	Allalyzeu	DII 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 Kieldahl (EPA 351.2)	ND		2.5	ma/L		05/23/25 10:33	05/27/25 13:03	1

6/2/2025

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Client: EA Engineering Job ID: 885-25382-1

Project/Site: Dominguez Dairy 2

Client Sample ID: 42-06 Lab Sample ID: 885-25382-2

Date Collected: 05/21/25 11:45
Date Received: 05/22/25 09:10

Matrix: Water

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

6/2/2025

Client: EA Engineering Job ID: 885-25382-1

Project/Site: Dominguez Dairy 2

Client Sample ID: 42-08 Lab Sample ID: 885-25382-3

Matrix: Water

Date Collected: 05/21/25 12:58 Date Received: 05/22/25 09:10

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	0.90		0.50	mg/L		05/23/25 10:33	05/27/25 13:09	1

Client: EA Engineering Job ID: 885-25382-1

Project/Site: Dominguez Dairy 2

Client Sample ID: 42-02 Lab Sample ID: 885-25382-4 Date Collected: 05/21/25 15:20

Matrix: Water

Date Received: 05/22/25 09:10

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	0.88		0.50	mg/L		05/23/25 10:33	05/27/25 13:10	1

Job ID: 885-25382-1

Client: EA Engineering

Project/Site: Dominguez Dairy 2

Prep Type: Total/NA

Prep Type: Total/NA

Prep Type: Total/NA

Prep Type: Total/NA

Prep Type: Total/NA

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample

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

mg/L

MB MB Analyte Result Qualifier RL Unit Analyzed Dil Fac **Prepared** Chloride 0.50 05/22/25 12:55 ND mg/L

Lab Sample ID: LCS 885-26767/5

Matrix: Water

Analysis Batch: 26767

Spike LCS LCS %Rec Analyte Added Result Qualifier D %Rec Limits Unit Chloride 5.00 90 - 110 4.79 mg/L 96

Lab Sample ID: MRL 885-26767/3

Matrix: Water

Analysis Batch: 26767

Spike MRL MRL %Rec Added Result Qualifier Limits Analyte Unit %Rec Chloride 0.500 0.533 107 50 - 150

Lab Sample ID: MB 885-26768/4

Matrix: Water

Analysis Batch: 26768

мв мв

Analyte Result Qualifier RL Unit Prepared Analyzed Dil Fac Nitrate $\overline{\mathsf{ND}}$ 0.10 05/22/25 12:55 mg/L Nitrite ND 0.10 05/22/25 12:55 mg/L

Lab Sample ID: LCS 885-26768/5

Matrix: Water

Analysis Batch: 26768

	Spike	LCS	LCS				%Rec		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Nitrate	 2.50	2.53		mg/L		101	90 - 110		_
Nitrite	1.00	0.939		ma/L		94	90 - 110		

Lab Sample ID: MRL 885-26768/3

Matrix: Water

Analysis Batch: 26768

-	Spike	MRL	MRL			%Rec	
Analyte	Added	Result	Qualifier	Unit D	%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										
	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Nitrite	ND		10.0	8 60		ma/l		86	80 120	

Client Sample ID: 42-06

Prep Type: Total/NA

Eurofins Albuquerque

Job ID: 885-25382-1

Project/Site: Dominguez Dairy 2

Client: EA Engineering

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 885-25382-2 MSD Client Sample ID: 42-06 Prep Type: Total/NA

Matrix: Water

Analysis Batch: 26768

RPD Sample Sample Spike MSD MSD %Rec Result Qualifier Result Qualifier Added %Rec Limits RPD Limit Analyte Unit D Nitrite ND 10.0 8.58 mg/L 86 80 - 1200 20

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

Lab Sample ID: MB 885-26861/1 **Client Sample ID: Method Blank** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 26861

MB MB

Result Qualifier RL Unit Analyzed Dil Fac Prepared Total Dissolved Solids 50 $\overline{\mathsf{ND}}$ mg/L 05/23/25 10:39

Lab Sample ID: LCS 885-26861/2 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 26861

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

Lab Sample ID: 885-25382-4 DU Client Sample ID: 42-02 Prep Type: Total/NA

Matrix: Water

Analysis Batch: 26861

Sample Sample DU DU **RPD RPD** Analyte Result Qualifier Result Qualifier Unit Limit Total Dissolved Solids 2800 2790 10 mg/L

Method: 351.2 - Nitrogen, Total Kjeldahl

Lab Sample ID: MRL 885-26775/2-A **Client Sample ID: Lab Control Sample** Prep Type: Total/NA **Matrix: Water** Prep Batch: 26775

Analysis Batch: 26985

Spike MRL MRL %Rec Analyte Added Result Qualifier Unit %Rec Limits Nitrogen, Total Kjeldahl 0.500 0.540 mg/L 108 50 - 150

Lab Sample ID: MB 885-26859/3-A Client Sample ID: Method Blank

Matrix: Water

Analysis Batch: 26985

Prep Type: Total/NA Prep Batch: 26859 MB MB

Qualifier RL Unit Result Analyzed Nitrogen, Total Kjeldahl $\overline{\mathsf{ND}}$ 0.50 mg/L 05/23/25 10:33 05/27/25 12:33

Lab Sample ID: LCS 885-26859/5-A **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA

Analysis Batch: 26985

Prep Batch: 26859 LCS LCS Spike %Rec

Added Limits Result Qualifier Unit %Rec Nitrogen, Total Kjeldahl 10.0 9 21 mg/L 92 90 - 110

Eurofins Albuquerque

6/2/2025

QC Sample Results

Client: EA Engineering Job ID: 885-25382-1

Project/Site: Dominguez Dairy 2

Method: 351.2 - Nitrogen, Total Kjeldahl (Continued)

Lab Sample ID: MRL 885-26859/4-A

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 26985

Prep Batch: 26859

 Analyte
 Added Nitrogen, Total Kjeldahl
 MRL MRL
 WRec MRL
 WRec MRL
 Wilter Mitrogen
 Qualifier Mrg/L
 Unit Mrg/L
 D Mrec Limits
 Limits

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QC Association Summary

Client: EA Engineering Job ID: 885-25382-1

Project/Site: Dominguez Dairy 2

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

Page 13 of 18 6/2/2025

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QC Association Summary

Client: EA Engineering Job ID: 885-25382-1

Project/Site: Dominguez Dairy 2

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

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Project/Site: Dominguez Dairy 2

Client: EA Engineering

Client Sample ID: 42-13

Lab Sample ID: 885-25382-1

Matrix: Water

Date Collected: 05/21/25 10:25 Date Received: 05/22/25 09:10

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	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

Lab Sample ID: 885-25382-2

Prepared

Matrix: Water

Date Collected: 05/21/25 11:45 Date Received: 05/22/25 09:10

Client Sample ID: 42-06

Batch **Batch** Dilution Method **Prep Type** Туре Run Factor Total/NA Analysis 300.0 10

Number Analyst Lab or Analyzed 05/22/25 15:45 26768 ES **EET ALB** 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 **EET ALB** 05/23/25 10:33 Prep 351.2 26859 EH Total/NA Analysis 351.2 1 26985 EH **EET ALB** 05/27/25 13:04

Client Sample ID: 42-08 Lab Sample ID: 885-25382-3

Date Collected: 05/21/25 12:58 **Matrix: Water** Date Received: 05/22/25 09:10

Batch

_	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Analysis	300.0		10	26768	ES	EETALB	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 Lab Sample ID: 885-25382-4

Date Collected: 05/21/25 15:20 **Matrix: Water** Date Received: 05/22/25 09:10

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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

Accreditation/Certification Summary

Client: EA Engineering Job ID: 885-25382-1

Project/Site: Dominguez Dairy 2

Laboratory: Eurofins Albuquerque

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

Authority	Progr	am	Identification Number	Expiration Date
New Mexico	State		NM9425, NM0901	02-27-26
9 ,	s are included in this repo does not offer certification	•	not certified by the governing author	rity. This list may include analyte:
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	NELA	Р	NM100001	02-26-26
,	s are included in this repo		not certified by the governing author	rity. This list may include analyte
Analysis Method	Prep Method	Matrix	Analyte	
351.2	351.2	Water	Nitrogen, Total Kjeldahl	

	Any
	ossibility
Ì	S.
4	y, samples submitted to Hall Environmental may be subcontracted to other accredited laboratorie
	cessan
	If ne

Turn-Around Time. If Standard I Bush Project Name: Dominguez Dairy 2 Project Manager: Gina Mullen Sampler: Angel N. Rivera Container Preservative HEAL No. Type and # Type Container Preservative HEAL No.	/ sub-contracted data will
ound Time. Name: Uez Dairy 2 #* Manager: Gina Mullen Gina Mullen Gira Mullen TYES TYPES Type Type Type	Remarks:
	Time Relinquished by Received by Via Date Time Remarks: Time Relinquished by Received by Via Date Time Time Relinquished by Na 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.
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 □ Standard □ Az Compliance □ Standard □ Az Compliance □ NELAC □ Other □ EDD (Type) C21 11:45 Gw 42-73 S-21 12:58 Gw 42-02 S-21 12:58 Gw 42-02	Date Time Relinquished by S-2(16-45

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	

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10

ANALYTICAL REPORT

PREPARED FOR

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

Generated 7/9/2025 6:14:37 PM

JOB DESCRIPTION

Big Sky Dairy

JOB NUMBER

885-27588-1

Eurofins Albuquerque 4901 Hawkins NE Albuquerque NM 87109



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

Vella

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

Page 2 of 15 7/9/2025

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7

8

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Client: EA Engineering Project/Site: Big Sky Dairy Laboratory Job ID: 885-27588-1

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
QC Sample Results	7
QC Association Summary	10
Lab Chronicle	12
Certification Summary	13
Chain of Custody	14
Receipt Checklists	15

4

5

7

8

9

Definitions/Glossary

Client: EA Engineering Job ID: 885-27588-1

Project/Site: Big Sky Dairy

Qualifiers

HPLC/IC

Qualifier **Qualifier Description**

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

Glossary

Appreviation	These commonly used appreviations 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

Decision Level Concentration (Radiochemistry) DLC

Estimated Detection Limit (Dioxin) EDL 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 **Quality Control**

RER Relative Error Ratio (Radiochemistry)

Reporting Limit or Requested Limit (Radiochemistry) RL

RPD Relative Percent Difference, a measure of the relative difference between two points

TEF Toxicity Equivalent Factor (Dioxin) Toxicity Equivalent Quotient (Dioxin) **TEQ**

TNTC Too Numerous To Count

Page 4 of 15

Case Narrative

Client: EA Engineering Project: Big Sky Dairy

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

Page 5 of 15

9

Job ID: 885-27588-1

9

4

5

6

Client: EA Engineering Job ID: 885-27588-1

Project/Site: Big Sky Dairy

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
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 - Metal	s (ICP) - Tota	l Recoverable	•					
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
Sulfur	71		10	mg/L		06/30/25 07:41	07/01/25 13:11	
_								
General Chemistry								
•	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fa
General Chemistry Analyte Total Dissolved Solids (SM 2540C)	Result 6900	Qualifier	RL 5000	Unit mg/L	<u>D</u>	Prepared	Analyzed 07/01/25 12:46	Dil Fa

7/9/2025

Client: EA Engineering

Job ID: 885-27588-1

Project/Site: Big Sky Dairy

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-29039/115 Client Sample ID: Method Blank

Matrix: Water

Analysis Batch: 29039

Prep Type: Total/NA

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

MB MB

Lab Sample ID: MB 885-29039/4 Client Sample ID: Method Blank **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 29039

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

Lab Sample ID: LCS 885-29039/5 Client Sample ID: Lab Control Sample Prep Type: Total/NA

Matrix: Water

Analysis Batch: 29039

LCS LCS %Rec Spike Analyte Added Result Qualifier Unit Limits Chloride 5.00 4.93 mg/L 90 - 110

Lab Sample ID: LCS 885-29039/59 **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA

Analysis Batch: 29039

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

Lab Sample ID: MRL 885-29039/3 Client Sample ID: Lab Control Sample Prep Type: Total/NA

Matrix: Water

Analysis Batch: 29039

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

Lab Sample ID: MB 885-29042/115 Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA Analysis Batch: 29042 MB MB

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

Lab Sample ID: MB 885-29042/4 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 29042

-	MB	MB						
Analyte	Result	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

7/9/2025

Client: EA Engineering

Job ID: 885-27588-1

Project/Site: Big Sky Dairy

Method: 300.0 - Anions, Ion Chro	omatography (Continued)
----------------------------------	-------------------------

Lab Sample ID: LCS 885-29042/5 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 29042

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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 **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA

Analysis Batch: 29042

		Spike	LCS	LCS				%Rec	
Analyte		Added	Result	Qualifier	Unit	D	%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 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 29042

	Spike	MRL	MRL				%Rec	
Analyte	Added F	esult	Qualifier	Unit	D	%Rec	Limits	
Nitrate	0.100	.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 **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA

Analysis Batch: 29456

	Spike	MRL	MRL			%Rec	
Analyte	Added	Result	Qualifier L	Jnit D	%Rec	Limits	
Sulfur	1.00	ND	n	ng/L	94	50 - 150	

Matrix: Water

Sulfur

Analysis Batch: 29456

Lab Sample ID: MB 885-29240/1-A Client Sample ID: Method Blank **Prep Type: Total Recoverable**

		IVID						
Analyte	Result	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 **Client Sample ID: Lab Control Sample Matrix: Water Prep Type: Total Recoverable**

Analysis Batch: 29456

	Spike	LCS	LCS			%Rec	
Analyte	Added	Result	Qualifier U	nit D	%Rec	Limits	
Sulfur	50.0	46.7	m	ng/L	93	85 - 115	

Lab Sample ID: LCSD 885-29240/8-A				CI	ient Sam	ple ID: I	Lab Contro	l Sampl	e Dup
Matrix: Water						Prep	Type: Tota	I Recov	erable
Analysis Batch: 29456							Prep	Batch:	29240
	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit

46.4

mg/L

Eurofins Albuquerque

7/9/2025

Page 8 of 15

Prep Batch: 29240

Spike

Added

1.00

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

%Rec Limits 95 50 - 150

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

Lab Sample ID: MB 885-29363/1

Matrix: Water

Analyte

Sulfur

Analysis Batch: 29363

Client Sample ID: Method Blank

Prep Type: Total/NA

MB MB

мв мв

Result Qualifier RL Unit Dil Fac D Prepared Analyzed 50 07/01/25 12:46 ND **Total Dissolved Solids** mg/L

LLCS LLCS

ND

Result Qualifier

Unit

mg/L

Lab Sample ID: LCS 885-29363/2 Client Sample ID: Lab Control Sample Prep Type: Total/NA

Matrix: Water

Analysis Batch: 29363

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

Spike MRL MRL %Rec Added Result Qualifier %Rec Limits Analyte Unit D 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 Result Qualifier RL Unit Prepared Analyzed Dil Fac Nitrogen, Total Kjeldahl ND 0.50 mg/L 06/26/25 15:50 06/27/25 14:30

LCS LCS

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

Spike %Rec Added Result Qualifier Unit %Rec Limits Nitrogen, Total Kjeldahl 10.0 9.90 90 - 110 mg/L

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

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

Eurofins Albuquerque

QC Association Summary

Client: EA Engineering Job ID: 885-27588-1 Project/Site: Big Sky Dairy

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 885-27588-1	Client Sample ID 833-Lagoon	Prep Type Total/NA	Matrix Water	Method Pro 351.2	ep Batch
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

7/9/2025

QC Association Summary

Client: EA Engineering Job ID: 885-27588-1

Project/Site: Big Sky Dairy

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	<u> </u>
MB 885-29363/1	Method Blank	Total/NA	Water	2540C	
LCS 885-29363/2	Lab Control Sample	Total/NA	Water	2540C	

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Lab Chronicle

Client: EA Engineering Job ID: 885-27588-1

Project/Site: Big Sky Dairy

Client Sample ID: 833-Lagoon

Date Collected: 06/25/25 13:05 Date Received: 06/26/25 09:45 Lab Sample ID: 885-27588-1

Matrix: Water

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	or Analyzed
Total/NA	Analysis	300.0			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

13

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5

9

Accreditation/Certification Summary

Client: EA Engineering

Job ID: 885-27588-1

Project/Site: Big Sky Dairy

Laboratory: Eurofins Albuquerque

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

Authority	Pr	ogram	Identification Number	Expiration Date
New Mexico	St	ate	NM9425, NM0901	02-27-26
0 ,	are included in this repor	•	fied by the governing authority. This lis	et may include analytes
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	NE	ELAP	NM100001	02-26-26
The following analytes	are included in this repor	t, but the laboratory is not certi	fied by the governing authority. This lis	st may include analytes

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analyte 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

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	Chain	-of-Cu	Chain-of-Custody Record	Turn-Around Time:	HALL ENVIRONMENTAL	
Client				☐ Standard □ Rush	ANALYSIS LABOR	
EA EI	EA Engineering,		Science, and Technology	Project Name	www.hallenvironmental.com	
Maılir	Mailing Address	s.		Big Sky Dairy	4901 Hawkins NE - Albuquerque, NM 8710	H
320 G	320 Gold Ave SW Suite	SW Suite		Project # "Billing Email"	Tel. 505-345-3975 Fax 505-345-4107 885-27588 COC	38 COC
Phone #	# 0	505-715-4279	-4279	lindaarmstrong@zianet com	Analysis Request	
email	email or Fax#:		rmullen@eaest com	Project Manager.	3000	
QA/Q	QA/QC Package	•		Gina Mullen		
St	□ Standard		☐ Level 4 (Full Validation)		Q(
Accre	Accreditation:		☐ Az Compliance	Sampler: Angel N Rivera	00 C WC	
	□ EDD (Type)	1 1		olers; ,	A 30	
				Cooler Temp(Induding Cr); スス +6. ユニス.Se	EP/	
Date	Time		Matrix Sample Name	Container Preservative HEAL No.	Nitrate/ TFN 35 Sulfate Sulfate	
1025	13:05	lagan	833-lagon	2	X	
14						
of 14						
	_					
		_				
	_					
	_					
Date	Time	Relinquished by	bed by	Via Date Time	Remarks	
6-25	$\overline{}$		lhu	2 fedtx 6/26/25		
Date	H H H H	Relinquished by	bed by	Received by Via. Date Time		
7/9/	If necessar	y, samples sut	bmitted to Hall Environmental may be subc	contracted to other accredited laboratories This serves as notice of this	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: 885-27588-1

Login Number: 27588 List Source: Eurofins Albuquerque

List Number: 1

Creator: McQuiston, Steven

Creator: McQuiston, Steven		
Question	Answer	Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>True</td> <td></td>	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 <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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PREPARED FOR

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

ANALYTICAL REPORT

Generated 7/8/2025 6:34:49 AM

JOB DESCRIPTION

Mountain View Dairy

JOB NUMBER

885-27592-1

Eurofins Albuquerque 4901 Hawkins NE Albuquerque NM 87109



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

Vella

Generated 7/8/2025 6:34:49 AM

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

Page 2 of 15 7/8/2025

5

7

8

Client: EA Engineering Laboratory Job ID: 885-27592-1 Project/Site: Mountain View Dairy

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
QC Sample Results	7
QC Association Summary	10
Lab Chronicle	12
Certification Summary	13
Chain of Custody	14
Receipt Checklists	15

Definitions/Glossary

Client: EA Engineering Job ID: 885-27592-1

Project/Site: Mountain View Dairy

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)

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

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

Eurofins Albuquerque

7/8/2025

Page 4 of 15

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1

5

10

10

Case Narrative

Client: EA Engineering Project: Mountain View Dairy

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

Page 5 of 15

2

Job ID: 885-27592-1

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Client: EA Engineering Job ID: 885-27592-1

Project/Site: Mountain View Dairy

Client Sample ID: 70-Lagoon

Date Received: 06/26/25 09:45

Lab Sample ID: 885-27592-1 Date Collected: 06/25/25 15:35

Matrix: Water

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 - Metal	s (ICP) - Tota	l 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								
•	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
General Chemistry Analyte Total Dissolved Solids (SM 2540C)	Result 7700	Qualifier	RL 500	Unit mg/L	<u>D</u>	Prepared	Analyzed 07/01/25 15:41	Dil Fac

7/8/2025

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

Analyte

Chloride

Analysis Batch: 29039

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

мв мв Result Qualifier RLUnit D Prepared Analyzed Dil Fac ND 0.50 mg/L 06/27/25 02:45

Lab Sample ID: MB 885-29039/4 Client Sample ID: Method Blank **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 29039

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

Lab Sample ID: LCS 885-29039/59 Client Sample ID: Lab Control Sample **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 29039

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

Lab Sample ID: MRL 885-29039/3 Client Sample ID: Lab Control Sample Prep Type: Total/NA

Matrix: Water

Analysis Batch: 29039

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

Lab Sample ID: MB 885-29042/115 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 29042

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

Lab Sample ID: MB 885-29042/4 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 29042

мв мв

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

Lab Sample ID: LCS 885-29042/59 Client Sample ID: Lab Control Sample **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 29042

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

Eurofins Albuquerque

Job ID: 885-27592-1

Client: EA Engineering

Project/Site: Mountain View Dairy

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MRL 885-29042/3 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 29042

Spike MRL MRL %Rec Added Analyte Result Qualifier %Rec Limits Unit 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 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 29456

	Spike	MRL	MRL				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Sulfur	1.00	ND		mg/L		94	50 - 150	

Lab Sample ID: MB 885-29240/1-A Client Sample ID: Method Blank **Matrix: Water Prep Type: Total Recoverable Analysis Batch: 29456** Prep Batch: 29240

MR MR

Analyte Result Qualifier Unit Prepared Analyzed Dil Fac Sulfur ND 1.0 mg/L 06/30/25 07:41 07/01/25 11:49

Lab Sample ID: LCS 885-29240/7-A

Prep Type: Total Recoverable Matrix: Water Analysis Batch: 29456 Prep Batch: 29240 Snike

	Зріке	LUS	LUS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Sulfur	50.0	46.7		mg/L		93	85 - 115	

Lab Sample ID: LCSD 885-29240/8-A Client Sample ID: Lab Control Sample Dup **Matrix: Water Prep Type: Total Recoverable**

Analysis Ratch: 29456

Analysis Batch. 25400							1 10	Dateii.	23240
	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Sulfur	50.0	46.4		mg/L		93	85 - 115	1	20

Lab Sample ID: LLCS 885-29240/6-A **Client Sample ID: Lab Control Sample**

Matrix: Water			Prep Type: Total Recoverable
Analysis Batch: 29456			Prep Batch: 29240
	Spike	LLCS LLCS	%Rec
Analyta	Addad	Beault Qualifier Unit	D 0/ Dog Limita

Analyte Sulfur 1.00 ND mg/L 50 - 150

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

Lab Sample ID: MB 885-29385/1 Client Sample ID: Method Blank

Matrix: Water

Analysis Batch: 29385

MB MB

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

Eurofins Albuquerque

Page 8 of 15

Client Sample ID: Lab Control Sample

Pron Batch: 29240

QC Sample Results

Client: EA Engineering Job ID: 885-27592-1

Project/Site: Mountain View Dairy

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

Lab Sample ID: LCS 885-29385/2 **Client Sample ID: Lab Control Sample**

Matrix: Water

Analysis Batch: 29385

Alialysis balcii. 29305									
	Spike	LCS	LCS				%Rec		
Analyte	Added	Result	Qualifier	Unit	D	%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 Client Sample ID: Method Blank **Prep Type: Total/NA**

Matrix: Water

Analysis Batch: 29370

	мв мв						
Analyte	Result 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 **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA

Analysis Batch: 29370

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Nitrogen, Total Kjeldahl	9.92	10.1		mg/L		102	90 - 110	

Lab Sample ID: MRL 885-29270/4-A Client Sample ID: Lab Control Sample Prep Type: Total/NA

Matrix: Water

Analysis Batch: 29370

Spike MRL MRL %Rec Analyte Added Result Qualifier Unit %Rec Limits Nitrogen, Total Kjeldahl 0.496 ND 50 - 150 mg/L

Lab Sample ID: MRL 885-29280/2-A **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 29370							Prep	Batch: 29280
	Spike	MRL	MRL				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Nitrogen, Total Kjeldahl	0.496	0.508		mg/L		102	50 - 150	

Eurofins Albuquerque

7/8/2025

Prep Type: Total/NA

Prep Batch: 29270

Prep Batch: 29270

Prep Batch: 29270

QC Association Summary

Client: EA Engineering

Project/Site: Mountain View Dairy

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 Bate
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 Batc
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

Job ID: 885-27592-1

QC Association Summary

Client: EA Engineering Job ID: 885-27592-1

Project/Site: Mountain View Dairy

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	

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Lab Chronicle

Client: EA Engineering Job ID: 885-27592-1

Project/Site: Mountain View Dairy

Client Sample ID: 70-Lagoon

Date Received: 06/26/25 09:45

Lab Sample ID: 885-27592-1 Date Collected: 06/25/25 15:35

Matrix: Water

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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 Job ID: 885-27592-1

Project/Site: Mountain View Dairy

Laboratory: Eurofins Albuquerque

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

Authority	Pr	ogram	Identification Number	Expiration Date
New Mexico	St	ate	NM9425, NM0901	02-27-26
0 ,	es are included in this repor does not offer certification.	•	ied by the governing authority. This lis	st may include analytes
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	NE	ELAP	NM100001	02-26-26
The following analyte	es are included in this repor	t, but the laboratory is not certif	ied by the governing authority. This lis	st may include analytes

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analyte 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

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Client.				Standard	□ Rush				. «			, is	ANALYSIS LABO				, >	
EA Engi	ineering	g, Science,	EA Engineering, Science, and Technology	Project Name:						WW	hallen	vironi	www hallenvironmental com	mo:		~4;		
Mailing Address:	Addres	;s:		Mountain Vie	ew Daıry		4	4901 Hawkins NE	lawki	IS N	₹ -	nbnq	- Albuquerque, NM 8	 B Z Z		ď		
320 Gol	d Ave	320 Gold Ave SW Suite		Project #:	"Billing Email"			Tel. 505-345-3975	5-34	5-397	5	Fax	885-27592 COC Fax 505-345-416	5-416 ⁸	35-2759;	000		
Phone #:	÷r.	505-715-4279	4279	lindaarmstrong@zianet com	ıg@zianet co	E					Ana	lysis	Analysis Request	₩				
email or Fax#	Fax#		rmullen@eaest com	Project Manager:	ger:		008											
QA/QC Package	ackage	.			Gina Mullen		, po					i						
□ Standard	dard		☐ Level 4 (Full Validation)				——			D		10B						
Accreditation: ☐ NELAC	tation: 4C	☐ Az Compliance	mpliance	Sampler: On Ige:	Angel N Rivera	era DiNo	FPA N		300		00	09 A9						
□ EDD (Type)	(Type)			# of Coolers:	_	osam i	261		Υc		ε <i>γ</i>	∃ 8	-					
				Cooler Temp	D(including CF): Z	340.2=2.58	i-til/		e El		/d∃	IOTU	ınılu					
Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	Nitrate\	1KN 39	Chlorid	IDS SI	Sulfate	Phosph	Z lstoT					
6-25	15:35	lagoon	70-lagan	8			X	X	X	X	_		X				<u> </u>	Т
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1	Time	Relinquishe	yd by	Received by.	Via	Date Time	Remarks	ks.										
53-0	١	30	In		reacx	- 1												
	e E	Kelinquished by	ýa bi	Received by.	Via Via	Date Ime												
	necessan	y. samples subn	If necessary, samples submitted to Hall Environmental may be subcontracted to other		scredited laboratori	accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report	his possibility	/ Any s	np-con	racted	lata will	be clear	v notated c	on the an	alvtical re	l pour		1

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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

Creator. McQuiston, Steven	
Question	Answer Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>True</td>	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 <6mm (1/4").	True
Multiphasic samples are not present.	True
Samples do not require splitting or compositing.	True
Residual Chlorine Checked.	N/A

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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 4901 Hawkins NE Albuquerque NM 87109



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

Vella

Generated 7/8/2025 6:34:16 AM

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

Page 2 of 16 7/8/2025

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4

5

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8

9

10

Client: EA Engineering Project/Site: Sunset Dairy

Laboratory Job ID: 885-27589-1

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
QC Sample Results	7
QC Association Summary	11
Lab Chronicle	13
Certification Summary	14
Chain of Custody	15
Receipt Checklists	16

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Definitions/Glossary

Client: EA Engineering Job ID: 885-27589-1

Project/Site: Sunset Dairy

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
Н	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

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)
EDI	Estimated Detection Limit (Dioxin)

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

Eurofins Albuquerque

Page 4 of 16 7/8/2025

Case Narrative

Client: EA Engineering Project: Sunset Dairy

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.

Job ID: 885-27589-1

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Client: EA Engineering Job ID: 885-27589-1

Project/Site: Sunset Dairy

Client Sample ID: 257-Lagoon

Date Collected: 06/25/25 14:15 Date Received: 06/26/25 09:45 Lab Sample ID: 885-27589-1

latrix:	Water
	··aco.

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1000		10	mg/L			06/26/25 20:01	20
Nitrate	ND	Н	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 - Metal	ls (ICP) - Tota	l Recoverable)					
Analyte	Docult	Qualifier	DI.		_	Danie and		
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
<u> </u>	130	Qualifier	5.0	mg/L	— —	06/30/25 07:41	07/01/25 13:15	Dil Fac
Sulfur		Quainier						
Sulfur General Chemistry	130	Qualifier			<u>D</u>			
<u> </u>	130		5.0	mg/L		06/30/25 07:41	07/01/25 13:15	5
Sulfur General Chemistry Analyte	130 Result		5.0	mg/L Unit		06/30/25 07:41	07/01/25 13:15 Analyzed	5

7/8/2025

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

Analyte

Chloride

Analysis Batch: 29039

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

мв мв Result Qualifier RLUnit D Prepared Analyzed Dil Fac ND 0.50 mg/L 06/27/25 02:45

Lab Sample ID: MB 885-29039/4 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 29039

MB MB

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

Lab Sample ID: LCS 885-29039/59 Client Sample ID: Lab Control Sample Prep Type: Total/NA

Matrix: Water

Analysis Batch: 29039

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

Lab Sample ID: MRL 885-29039/3 Client Sample ID: Lab Control Sample Prep Type: Total/NA

Matrix: Water

Analysis Batch: 29039

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

Lab Sample ID: MB 885-29042/115 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 29042

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

Lab Sample ID: MB 885-29042/4 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 29042

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

Lab Sample ID: LCS 885-29042/59 Client Sample ID: Lab Control Sample **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 29042

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

Eurofins Albuquerque

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 II	D: Lab Control Sample
	Prep Type: Total/NA

Client Sample ID: Method Blank

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample

90 - 110

92

Prep Type: Total/NA

Prep Type: Total/NA

Prep Type: Total/NA

Prep Type: Total/NA

	Spike	MRL	MRL				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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

Analyte	Result	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

MB	MB
----	----

Analyte	Result 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

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Nitrate	2.50	2.59		mg/L		104	90 - 110	
Nitrite	1.00	0.937		ma/L		94	90 - 110	

Lab Sample ID: LCS 885-29409/59

Matrix: Water

Analysis Batch: 29409								
	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Nitrate	2.50	2.56		mg/L		102	90 - 110	

1.00

Nitrite

Lab Sample ID: MRL 885-29409/3			Client Sample ID: Lab Control Sample
Matrix: Water			Prep Type: Total/NA
Analysis Batch: 29409			
	Spike	MRL MRL	%Rec

0.916

mg/L

ı		Зріке	WIKL	WIKL				%Rec	
	Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
	Nitrate	0.100	0.101		mg/L		101	50 - 150	
Į	Nitrite	0.100	0.0983	J	mg/L		98	50 - 150	

7/8/2025

Client: EA Engineering Project/Site: Sunset Dairy Job ID: 885-27589-1

Prep Batch: 29240

Prep Batch: 29240

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MRL 885-29456/16

Client Sample ID: Lab Control Sample

Matrix: Water Prep Type: Total/NA Analysis Batch: 29456

Spike MRL MRL %Rec Analyte Added Result Qualifier Unit %Rec Limits D Sulfur 1.00 ND mg/L 94 50 - 150

Lab Sample ID: MB 885-29240/1-A Client Sample ID: Method Blank

Matrix: Water Prep Type: Total Recoverable Analysis Batch: 29456 Prep Batch: 29240

MB MB

Analyte Result Qualifier RL Unit D Prepared Analyzed Dil Fac Sulfur ND 1.0 mg/L 06/30/25 07:41 07/01/25 11:49

Lab Sample ID: LCS 885-29240/7-A Client Sample ID: Lab Control Sample **Prep Type: Total Recoverable**

Matrix: Water

Analysis Batch: 29456

Prep Batch: 29240 LCS LCS Spike %Rec Added Result Qualifier Unit Limits Sulfur 50.0 46.7 mg/L 85 - 115

Lab Sample ID: LCSD 885-29240/8-A Client Sample ID: Lab Control Sample Dup **Prep Type: Total Recoverable**

Matrix: Water

Analysis Batch: 29456

LCSD LCSD Spike %Rec RPD Added Limit Analyte Result Qualifier Unit %Rec Limits

Sulfur 50.0 46.4 93 85 - 115 mg/L

Lab Sample ID: LLCS 885-29240/6-A **Matrix: Water**

Analysis Batch: 29456

LLCS LLCS Spike %Rec Analyte Added Result Qualifier Unit %Rec Limits 1.00 Sulfur ND mg/L 95 50 - 150

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

Lab Sample ID: MB 885-29385/1 Client Sample ID: Method Blank **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 29385

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

Lab Sample ID: LCS 885-29385/2 Client Sample ID: Lab Control Sample

Matrix: Water

Analysis Batch: 29385

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

Prep Type: Total/NA

QC Sample Results

Client: EA Engineering Job ID: 885-27589-1

Project/Site: Sunset Dairy

Method: 351.2 - Nitrogen, Total Kjeldahl

Lab Sample ID: MB 885-29270/3-A Client Sample ID: Method Blank

Matrix: Water

Analysis Batch: 29370

	МВ	MB						
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Total Kieldahl	ND		0.50	ma/L		06/30/25 11:37	07/01/25 11:17	1

Client Sample ID: Lab Control Sample Lab Sample ID: LCS 885-29270/5-A

Matrix: Water

Analysis Batch: 29370

7 7 2 2 2								
	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Nitrogen, Total Kjeldahl	9.92	10.1		mg/L	<u> </u>	102	90 - 110	

Lab Sample ID: MRL 885-29270/4-A **Client Sample ID: Lab Control Sample**

Matrix: Water

Analysis Batch: 29370

MRL MRL %Rec Spike Added Result Qualifier Unit Limits Nitrogen, Total Kjeldahl 0.496 ND 50 - 150 mg/L

Prep Type: Total/NA

Prep Batch: 29270

Prep Type: Total/NA

Prep Batch: 29270

Prep Type: Total/NA Prep Batch: 29270

QC Association Summary

Client: EA Engineering Job ID: 885-27589-1 Project/Site: Sunset Dairy

HPLC/IC

Analysis Batch: 29039

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method Prep Ba	atch
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 Ba
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 885-27589-1	Client Sample ID 257-Lagoon	Prep Type Total Recoverable	Matrix Water	Method 200.7 Rev 4.4	Prep Batch 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 885-27589-1	Client Sample ID 257-Lagoon	Prep Type Total/NA	Matrix Water	Method 351.2	Prep Batch
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	

Eurofins Albuquerque

7/8/2025

QC Association Summary

Client: EA Engineering Job ID: 885-27589-1

Project/Site: Sunset Dairy

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	

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Lab Chronicle

Client: EA Engineering Job ID: 885-27589-1

Project/Site: Sunset Dairy

Client Sample ID: 257-Lagoon

Date Collected: 06/25/25 14:15 Date Received: 06/26/25 09:45 Lab Sample ID: 885-27589-1

Matrix: Water

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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

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Accreditation/Certification Summary

Client: EA Engineering

Job ID: 885-27589-1

Project/Site: Sunset Dairy

Laboratory: Eurofins Albuquerque

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

Authority	Pro	ogram	Identification Number	Expiration Date
New Mexico		ate	NM9425, NM0901	02-27-26
• ,	are included in this report does not offer certification.	•	fied by the governing authority. This lis	st may include analytes
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	NE	LAP	NM100001	02-26-26
The following analytes	are included in this report	, but the laboratory is not certif	fied by the governing authority. This lis	st may include analytes

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analyte 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

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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.

Received by

Received by

Relinquished by

Time

Date

12-9

Relinquished by

Remarks

HALL ENVIRONMENTAL

ANALYSIS LABOR

□ Rush

Standard
 Standard

Project Name:

EA Engineering, Science, and Technology

Mailing Address:

Sunset Dairy

Project #"

Turn-Around Time

Chain-of-Custody Record

www.hallenvironmental com

885-27589 COC

Fax 505-345-4107

Tel. 505-345-3975

lindaarmstrong@zianet com

Project Manager

rmullen@eaest com

QA/QC Package

email or Fax#:

505-715-4279

Phone #

320 Gold Ave SW Suite

"Billing Email"

Analysis Request

Total Sulfur

Sulfate EPA 300

Chloride EPA 300

Cooler Templinetual of 5 13 to 252.5%

Angel N. Rivera

Sampler: On Ice:

Level 4 (Full Validation)

☐ Az Compliance

Accreditation:

□ Standard

□ Other

□ NELAC

☐ EDD (Type)

区 Yes

of Coolers:

Gina Mullen

LKN 321.2

HEAL No.

Preservative

Type

Type and # Container

Time | Matrix | Sample Name

Date 6-25

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257- lasson

14:15 Caspon

Phosphorus EPA 6010B

LDS 2W 5240 C WOD

Nitrate/Nitrites EPA Method 300

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4901 Hawkins NE - Albuquerque, NM 871

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 4901 Hawkins NE Albuquerque NM 87109



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

Vella

Generated 5/29/2025 1:10:07 PM

Authorized for release by Victoria Zellar, Project Manager Victoria.Zellar@et.eurofinsus.com (505)345-3975 3

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Client: EA Engineering
Laboratory Job ID: 885-25214-1
Project/Site: Mountain View Dairy

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Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
QC Sample Results	10
QC Association Summary	12
Lab Chronicle	14
Certification Summary	15
Chain of Custody	16
Receipt Checklists	17

Definitions/Glossary

Client: EA Engineering Job ID: 885-25214-1

Project/Site: Mountain View Dairy

Qualifiers

General Chemistry

Qualifier Qualifier Description

E Result exceeded calibration range.

Glossary

DL, RA, RE, IN

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)

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

Eurofins Albuquerque

5/29/2025

Page 4 of 17

4

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Case Narrative

Client: EA Engineering Project: Mountain View Dairy

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

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Job ID: 885-25214-1

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Client: EA Engineering Job ID: 885-25214-1

Project/Site: Mountain View Dairy

Client Sample ID: 70-03

Lab Sample ID: 885-25214-1

Matrix: Water

Date Collected: 05/19/25 10:35 Date Received: 05/20/25 10:10

Nitrogen, Total Kjeldahl (EPA 351.2)

Method: EPA 300.0 - Anions, Ion CI	nromatograp	hy						
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

2.5

mg/L

ND

J

a

40

Client: EA Engineering Job ID: 885-25214-1

Project/Site: Mountain View Dairy

Client Sample ID: 70-01

Lab Sample ID: 885-25214-2

Matrix: Water

Date Collected: 05/19/25 12:45 Date Received: 05/20/25 10:10

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 Kieldahl (EPA 351.2)	ND		1.3	ma/L		05/22/25 10:55	05/22/25 16:24	1

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Client: EA Engineering Job ID: 885-25214-1

Project/Site: Mountain View Dairy

Client Sample ID: 70-02

Lab Sample ID: 885-25214-3

05/22/25 16:26

Matrix: Water

Date Collected: 05/19/25 14:10 Date Received: 05/20/25 10:10

Nitrogen, Total Kjeldahl (EPA 351.2)

Method: EPA 300.0 - Anions, Ion C	hromatograp	hy						
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

0.50

mg/L

05/22/25 10:55

ND

Client: EA Engineering Job ID: 885-25214-1

Project/Site: Mountain View Dairy

Client Sample ID: 70-04

Lab Sample ID: 885-25214-4

Matrix: Water

Date Collected: 05/19/25 15:50 Date Received: 05/20/25 10:10

Nitrogen, Total Kjeldahl (EPA 351.2)

Method: EPA 300.0 - Anions, Ion Cl	nromatography						
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

1.3

mg/L

ND

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Client: EA Engineering

Project/Site: Mountain View Dairy

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-26516/4

Matrix: Water

Analysis Batch: 26516

Client Sam	ple IE): Meth	nod I	Blank

Prep Type: Total/NA

Job ID: 885-25214-1

		-					
Analyte	Result Qu	ualifier 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 **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA

Analysis Batch: 26516

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 26516

	Spike	MRL	MRL				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 26517

мв мв

MD MD

Analyte	Result	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 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 26517

-	Spike	LCS	LCS				%Rec		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Nitrate	2.50	2.59		mg/L		103	90 - 110		
Nitrite	1.00	0.988		mg/L		99	90 - 110		

Client Sample ID: Lab Control Sample Lab Sample ID: MRL 885-26517/3 Prep Type: Total/NA

Matrix: Water

Analysis Batch: 26517

	Spike	MRL	MRL				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Nitrate	0.100	0.104		mg/L		104	50 - 150	
Nitrite	0.100	0.108		ma/L		108	50 - 150	

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Client: EA Engineering

Project/Site: Mountain View Dairy

Job ID: 885-25214-1

Prep Type: Total/NA

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

Lab Sample ID: MB 885-26749/1 Client Sample ID: Method Blank

Matrix: Water

Analysis Batch: 26749

Prep Type: Total/NA мв мв

Analyte Result Qualifier RL Unit D Prepared Analyzed Dil Fac **Total Dissolved Solids** ND 50 mg/L 05/22/25 10:06

Lab Sample ID: LCS 885-26749/2 Client Sample ID: Lab Control Sample **Matrix: Water**

Prep Type: Total/NA

Analysis Batch: 26749

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

Lab Sample ID: MB 885-26793/1 Client Sample ID: Method Blank

Matrix: Water

Analysis Batch: 26793

мв мв

Result Qualifier RL Unit Prepared Analyzed Dil Fac Total Dissolved Solids 50 05/22/25 15:00 ND mg/L

Lab Sample ID: LCS 885-26793/2 Client Sample ID: Lab Control Sample **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 26793

LCS LCS Spike %Rec Added Analyte Result Qualifier Unit %Rec Limits Total Dissolved Solids 1000 957 80 - 120 mg/L

Method: 351.2 - Nitrogen, Total Kjeldahl

Lab Sample ID: MB 885-26757/3-A Client Sample ID: Method Blank **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 26872

MB MB

Unit Dil Fac Analyte Result Qualifier RL Prepared Analyzed Nitrogen, Total Kjeldahl ND 0.50 05/22/25 10:55 05/22/25 16:00 mg/L

Lab Sample ID: LCS 885-26757/5-A Client Sample ID: Lab Control Sample

Matrix: Water Prep Type: Total/NA **Analysis Batch: 26872** Prep Batch: 26757

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

Lab Sample ID: MRL 885-26757/4-A

Nitrogen, Total Kjeldahl

Client Sample ID: Lab Control Sample **Matrix: Water** Prep Type: Total/NA **Analysis Batch: 26872** Prep Batch: 26757 Spike MRL MRL %Rec Analyte babbA Result Qualifier Unit D %Rec Limits

0.511

mg/L

102

50 - 150

0.500

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5/29/2025

Prep Batch: 26757

Job ID: 885-25214-1

Client: EA Engineering

Project/Site: Mountain View Dairy

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 Batc
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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Page 12 of 17

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QC Association Summary

Client: EA Engineering Job ID: 885-25214-1

Project/Site: Mountain View Dairy

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

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Client: EA Engineering Project/Site: Mountain View Dairy

Client Sample ID: 70-03

Date Collected: 05/19/25 10:35 Date Received: 05/20/25 10:10 Lab Sample ID: 885-25214-1

Matrix: Water

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	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

Lab Sample ID: 885-25214-2

Matrix: Water

Date Collected: 05/19/25 12:45

Client Sample ID: 70-01

Date Received: 05/20/25 10:10

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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

Date Collected: 05/19/25 14:10 Date Received: 05/20/25 10:10 Lab Sample ID: 885-25214-3

Matrix: Water

Matrix: Water

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	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 Date Received: 05/20/25 10:10

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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 Job ID: 885-25214-1

Project/Site: Mountain View Dairy

Laboratory: Eurofins Albuquerque

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

Authority	Progr	am	Identification Number	Expiration Date
New Mexico	State		NM9425, NM0901	02-27-26
,	are included in this report, bu	it the laboratory is not certif	fied by the governing authority. This lis	st may include analyte
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	
regon	NELA	P	NM100001	02-26-26
,	are included in this report, bu	it the laboratory is not certif	fied by the governing authority. This lis	st may include analy
Analysis Method	Prep Method	Matrix	Analyte	
351.2	351.2	Water	Nitrogen, Total Kjeldahl	-

Turn-Around Time:

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5/29/2025

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

oreator. Gasarrubias, macy	
Question	Answer Comment
Radioactivity wasn't checked or is = background as measured by a survey meter.</td <td>N/A</td>	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 <6mm (1/4").	True
Multiphasic samples are not present.	True
Samples do not require splitting or compositing.	True
Residual Chlorine Checked.	N/A

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PREPARED FOR

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

ANALYTICAL REPORT

Generated 6/18/2025 11:15:04 AM

JOB DESCRIPTION

Sunset Dairy

JOB NUMBER

885-26099-1

Eurofins Albuquerque 4901 Hawkins NE Albuquerque NM 87109



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

Page 2 of 14

Vella

Generated 6/18/2025 11:15:04 AM

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

6/18/2025

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Client: EA Engineering Project/Site: Sunset Dairy

Laboratory Job ID: 885-26099-1

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
QC Sample Results	8
QC Association Summary	10
Lab Chronicle	11
Certification Summary	12
Chain of Custody	13
Receipt Checklists	14

Definitions/Glossary

Client: EA Engineering Job ID: 885-26099-1

Project/Site: Sunset Dairy

Glossary

MDC

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)

MDL Method Detection Limit MLMinimum 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)

Minimum Detectable Concentration (Radiochemistry)

NEG Negative / Absent POS Positive / Present PQL Practical Quantitation Limit

PRES Presumptive **Quality Control** QC

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 **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.

Page 5 of 14

Job ID: 885-26099-1

Client Sample Results

Client: EA Engineering Job ID: 885-26099-1

Project/Site: Sunset Dairy

Client Sample ID: 257-01

Date Received: 06/05/25 09:20

Lab Sample ID: 885-26099-1 Date Collected: 06/04/25 14:43

Matrix: Water

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 Job ID: 885-26099-1

Project/Site: Sunset Dairy

Client Sample ID: 257-02

Date Received: 06/05/25 09:20

Lab Sample ID: 885-26099-2 Date Collected: 06/04/25 15:35

Matrix: Water

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

Client: EA Engineering

Job ID: 885-26099-1

Project/Site: Sunset Dairy

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

	MB	MB						
Analyte	Result	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 Client Sample ID: Lab Control Sample **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 27635

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

Lab Sample ID: MRL 885-27635/3 Client Sample ID: Lab Control Sample **Matrix: Water** Prep Type: Total/NA

Analysis Batch: 27635

	Spike	MRL	MRL				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 27636

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

Lab Sample ID: LCS 885-27636/5 **Client Sample ID: Lab Control Sample** Prep Type: Total/NA

Matrix: Water

Analysis Batch: 27636

	Spike	LCS	LCS				%Rec		
Analyte	Added	Result	Qualifier	Unit	D	%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 Client Sample ID: Lab Control Sample

Matrix: Water

Analysis Batch: 27636

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

Eurofins Albuquerque

Prep Type: Total/NA

Client: EA Engineering

Job ID: 885-26099-1

Project/Site: Sunset Dairy

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

Lab Sample ID: MB 885-28083/1 Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 28083

	MB	MB						
Analyte	Result	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 **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA

Analysis Batch: 28083

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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 **Client Sample ID: Lab Control Sample Matrix: Water** Prep Type: Total/NA Pren Batch: 28175

Analysis Batch: 28433

Analysis Batch: 20433							Prep) Batch: 2017	J
	Spik	e MRL	MRL				%Rec		
Analyte	Adde	d Result	Qualifier	Unit	D	%Rec	Limits		
Nitrogen, Total Kjeldahl	0.50) ND		mg/L		99	50 - 150		_

Lab Sample ID: MB 885-28176/1-A Client Sample ID: Method Blank Prep Type: Total/NA

Matrix: Water

Analysis Batch: 28433

мв мв

Analyte	Result	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 Client Sample ID: Lab Control Sample

Matrix: Water

Analysis Batch: 28433

	Spike	LCS	LCS			%	Rec	
Analyte	Added	Result	Qualifier	Unit	D %	Rec Lir	mits	
Nitro Total Michigan		0.07		//		400 00	440	

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

	Spike	MRL	MRL			%Rec	
Analyte	Added	Result	Qualifier Unit	t D	%Rec	Limits	
Nitrogen, Total Kjeldahl	0.500	0.521	mg/		104	50 - 150	

Eurofins Albuquerque

Prep Batch: 28176

Prep Type: Total/NA Prep Batch: 28176

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

Prep Batch: 28176

QC Association Summary

Client: EA Engineering Job ID: 885-26099-1 Project/Site: Sunset Dairy

HPLC/IC

Analysis Batch: 27635

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method Prep Batc
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 Bat
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

Г					
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 Job ID: 885-26099-1

Project/Site: Sunset Dairy

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

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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

Lab Sample ID: 885-26099-2

Client Sample ID: 257-02 **Matrix: Water**

Date Collected: 06/04/25 15:35 Date Received: 06/05/25 09:20

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	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

Eurofins Albuquerque

Accreditation/Certification Summary

Client: EA Engineering

Job ID: 885-26099-1

Project/Site: Sunset Dairy

Laboratory: Eurofins Albuquerque

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

uthority	Progra	am	Identification Number	Expiration Date
lew Mexico	State		NM9425, NM0901	02-27-26
• ,	are included in this report, bu	it the laboratory is not certif	ied by the governing authority. This lis	st may include analyte
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	
regon	NELA	P	NM100001	02-26-26
• ,	are included in this report, bu	it the laboratory is not certif	ied by the governing authority. This lis	st may include analyte
Analysis Method	Prep Method	Matrix	Analyte	
351.2	351.2	Water	Nitrogen, Total Kjeldahl	

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Remarks:

Client.				□∕Standard	□ Rush
EA Eng	Jineering,	Science,	EA Engineering, Science, and Technology	Project Name	
Mailing	Mailing Address			Sunset Dairy	
320 Go	320 Gold Ave SW Surte	W Suite		Project #	Billing Email
Phone #.	#.	505-715-4279	-4279	Lindaarmstro	<u>Lindaarmstrong@zianet.com</u>
email or Fax#:	ır Fax#:		rmullen@eaest com	Project Manager	ger
QA/QC	QA/QC Package:				Gina Mullen
□ Standard	dard		☐ Level 4 (Full Validation)		
Accreditation □ NFI AC	itation	□ Az Co	mpliance	Sampler.	Angel N. Rivera
□ EDD (Type)	(Type)			<u>ja</u>	J. W. M. J.
				Cooler Temp	Cooler Templinoluding CFI: D. TATO 1 = D. Hol.
Date	Time	Matrix	Date Time Matrix Sample Name	Container Type and #	Preservative HEAL No.
10-01	14:43	Gw	257-01	7	
4-9	(5:35	GW	20-156	7	
Date 6-4	Time (7:7)	Relinquished by	ed by	Received by	Via Fedex 10-6-75 920
Date	Time	Relinquished by	ed by	Raceived by	Wia Date Time

analysis laboratory HALL ENVIRONMENTAL

Turn-Around Time.

Chain-of-Custody Record

4901 Hawkins NE - Albuquerque, NM 87

www hallenvironmental com

Fax 505-345-410

Tel. 505-345-3975

Analysis Request

Total Sulfur

Sulfate EPA 300

Chloride EPA 300

LKN 321 5

Phosphorus EPA 6010B

LD2 2W 5240 C WOD

Vitrate/Vitrites EPA Method 300

885-26099 COC

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	

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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

Sunset Dairy

JOB NUMBER

885-26233-1

Eurofins Albuquerque 4901 Hawkins NE Albuquerque NM 87109



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

Page 2 of 16 6/18/2025

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Client: EA Engineering Project/Site: Sunset Dairy

Laboratory Job ID: 885-26233-1

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
QC Sample Results	8
QC Association Summary	11
Lab Chronicle	13
Certification Summary	14
Chain of Custody	15
Receipt Checklists	16

6

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9

10

Definitions/Glossary

Client: EA Engineering Job ID: 885-26233-1

Project/Site: Sunset Dairy

Qualifiers

HPLC/IC

Qualifier **Qualifier Description**

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

DL

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, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)

Detection Limit (DoD/DOE)

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

Not Detected at the reporting limit (or MDL or EDL if shown) $\,$ ND

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 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.

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Page 5 of 16

9

Job ID: 885-26233-1

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Client Sample Results

Client: EA Engineering Job ID: 885-26233-1

Project/Site: Sunset Dairy

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

351.2)

Method: EPA 300.0 - Anions, Ion Cl	nromatograp	ohy						
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	1.8		0.50	mg/L		06/16/25 12:53	06/17/25 15:56	1

Client Sample Results

Client: EA Engineering Job ID: 885-26233-1

Project/Site: Sunset Dairy

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

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

6/18/2025

Job ID: 885-26233-1

Prep Type: Total/NA

Prep Type: Total/NA

Prep Type: Total/NA

Client Sample ID: 257-03

Client Sample ID: 257-03

Prep Type: Total/NA

Prep Type: Total/NA

Client Sample ID: Method Blank

Client Sample ID: Lab Control Sample

Client Sample ID: Lab Control Sample

Client: EA Engineering Project/Site: Sunset Dairy

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 885-27704/58

Matrix: Water

Analysis Batch: 27704

	MB	мв						
Analyte	Result	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

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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

	Spike	MRL	MRL				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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

_	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Sulfate	270		100	362		ma/l		90	80 - 120	

Lab Sample ID: 885-26233-1 MSD

Matrix: Water

Analysis Batch: 27704

•	Sample	Sample	Spike	MSD	MSD				%Rec		RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	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

мв мв

Analyte	Result	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

, , , , , , , , , , , , , , , , , , , ,	Spike	LCS	LCS				%Rec		
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Nitrate	2.50	2.60		mg/L		104	90 - 110		
Nitrite	1.00	0.958		mg/L		96	90 - 110		

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Page 8 of 16

Prep Type: Total/NA

Client Sample ID: Lab Control Sample

6/18/2025

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

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

Matrix: Water

Analysis Batch: 27705

	Spike	MRL	MRL				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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

Client Sample ID: 257-03 Prep Type: Total/NA

Matrix: Water

Analysis Batch: 27705

, ,	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%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

Client Sample ID: 257-03

Prep Type: Total/NA

Matrix: Water

Analysis Batch: 27705

•	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	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

Client Sample ID: Method Blank

Prep Type: Total/NA

Matrix: Water

Analysis Batch: 28220

MB MB

ND

Analyte	Result	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

Client Sample ID: Lab Control Sample

Matrix: Water

Analysis Batch: 28220

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%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 Client Sample ID: Method Blank

Matrix: Water

Analyte

Analysis Batch: 28511 MB MB Prep Type: Total/NA

Result Qualifier Unit RL Prepared Analyzed

mg/L

Lab Sample ID: LCS 885-28385/5-A

Client Sample ID: Lab Control Sample

06/16/25 12:53

Matrix: Water

Nitrogen, Total Kjeldahl

Prep Type: Total/NA **Analysis Batch: 28511** Prep Batch: 28385

0.50

Spike LCS LCS %Rec Analyte Added Result Qualifier Unit %Rec Limits 10.0 Nitrogen, Total Kjeldahl 11.0 mg/L 110 90 - 110

Eurofins Albuquerque

6/18/2025

Page 9 of 16

Prep Type: Total/NA

Client: EA Engineering Project/Site: Sunset Dairy Job ID: 885-26233-1

Prep Type: Total/NA

Method: 351.2 - Nitrogen, Total Kjeldahl (Continued)

Lab Sample ID: MRL 885-28385/4-A Client Sample ID: Lab Control Sample

MB MB

Matrix: Water Analysis Batch: 28511

Prep Batch: 28385 Spike MRL MRL Added Result Qualifier Unit %Rec Limits Nitrogen, Total Kjeldahl 0.500 0.509 mg/L 102 50 - 150

Lab Sample ID: MB 885-28386/1-A Client Sample ID: Method Blank

Matrix: Water

Analyte

Analysis Batch: 28511

Prep Type: Total/NA

Prep Batch: 28386

Analyte Result 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

Lab Sample ID: LCS 885-28386/3-A Client Sample ID: Lab Control Sample Prep Type: Total/NA

Matrix: Water

Analysis Batch: 28511 Prep Batch: 28386

LCS LCS Spike %Rec Added Result Qualifier Unit %Rec Limits Nitrogen, Total Kjeldahl 10.0 10.6 mg/L 106 90 - 110

Lab Sample ID: MRL 885-28386/2-A **Client Sample ID: Lab Control Sample**

Matrix: Water

Analysis Batch: 28511

Prep Type: Total/NA Prep Batch: 28386

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

Lab Sample ID: 885-26233-2 MS

Matrix: Water

Analysis Batch: 28511

Prep Type: Total/NA Prep Batch: 28386

Sample Sample Spike MS MS %Rec Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits ND F1 10.0 11.5 F1 Nitrogen, Total Kjeldahl mg/L 115 90 - 110

Lab Sample ID: 885-26233-2 MSD

Matrix: Water

Analysis Batch: 28511

Client Sample ID: MW-4

Client Sample ID: MW-4

Prep Type: Total/NA Prep Batch: 28386

Sample Sample Spike MSD MSD %Rec **RPD** Added Result Qualifier Result Qualifier RPD Limit Analyte Unit D %Rec Limits Nitrogen, Total Kjeldahl ND F1 10.0 11.7 F1 mg/L 117 90 - 110 20

6/18/2025

QC Association Summary

Client: EA Engineering

Job ID: 885-26233-1

Project/Site: Sunset Dairy

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 Batcl
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

Page 11 of 16

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QC Association Summary

Client: EA Engineering Job ID: 885-26233-1

Project/Site: Sunset Dairy

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

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Lab Chronicle

Client: EA Engineering Job ID: 885-26233-1

Project/Site: Sunset Dairy

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

	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Type	Method	Run	Factor	Number	Analyst	Lab	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

Lab Sample ID: 885-26233-2

Matrix: Water

Date Collected: 06/05/25 12:28 Date Received: 06/06/25 09:35

Client Sample ID: MW-4

_	Batch	Batch		Dilution	Batch			Prepared
Prep Type	Туре	Method	Run	Factor	Number	Analyst	Lab	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

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Accreditation/Certification Summary

Client: EA Engineering

Job ID: 885-26233-1

Project/Site: Sunset Dairy

Laboratory: Eurofins Albuquerque

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

uthority	Progra	am	Identification Number	Expiration Date
lew Mexico	State		NM9425, NM0901	02-27-26
• ,	are included in this report, bu	it the laboratory is not certif	ied by the governing authority. This lis	st may include analyte
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	
regon	NELA	P	NM100001	02-26-26
• ,	are included in this report, bu	it the laboratory is not certif	ied by the governing authority. This lis	st may include analyte
Analysis Method	Prep Method	Matrix	Analyte	
351.2	351.2	Water	Nitrogen, Total Kjeldahl	

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Client	Standard 🗆 Rush	HALL ENVIRONMENTAL ANALYSIS LABOF	
EA Engineering, Science, and Technology	ject Name	environme	
	Sunset Dairy	4901 Hawkins NE - Albuquerque, NM 871	
320 Gold Ave SW Suite	Project #. Billing Email	Tel. 505-345-3975 Fax 505-345-4107 885-26233 COC	
Phone #: 505-715-4279	lindaarmstrong@zianet com	Analysis Request	
email or Fax#: rmullen@eaest com	Project Manager.	300	
QA/QC Package:	Gina Mullen		-
		ac	
☐ Az Compliance	Rivera	OW :	
□ NELAC □ Other	On ice: X Yes I No	300 10 C √ 30	
		sn ∀c ⁄d∃	
	COCIET LETTIP (Including CF): () - () - () - () - () - () - () - ()	HOL W S W S P E P E P E P E P E P E P E P E P E P E	
	Container Preservative HEAL No.	nate, Norioli S S S S S Ist Iste	
Date Time Matrix Sample Name	Type	TK CP	
6-5 10:52 GW 257-03	2		
6-5 12:28 GW MW. 4	2	XXXXX	
			l
			L
			L
			L
Date Time Relinquished by 6-5 17:35 The Mark	Via Fedor Date Time 435	Remarks:	
Date Time Relinquished by	Rekeivedtby Mia Date Time		
Li II	,	The second section of the second second second second section section sections second	
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: 885-26233-1

Login Number: 26233 List Source: Eurofins Albuquerque

List Number: 1

Creator: McQuiston, Steven

•		0
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	
ls 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	

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