

APPENDIX A

FIELD FORMS

(Provided in Electronic Format via CD Located on Front Cover of Report)

**MONITORING WELL GAUGING DATA
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Northing*	Eastings*	Date	Time	Depth to Water	Notes or Total Depth (ft)
NORTHERN AREA						
Northern Land Application Area (DP-340)						
70-03	424580.78	1510233.88	2-2-23	9:53	59.25	61.65
70/86/340-01	427320.92	1508461.05	2-2-23	9:40	53.05	67.90
86/340-01	432021.33	1503216.90	2-2-23	8:58	59.55	70.79
Mountain View Dairy (DP-70)						
70-01	423303.43	1510585.63	2-2-23	10:24	39.15	45.72
70-02	423412.73	1511192.51	2-2-23	10:40	48.62	49.83
70-04	422798.94	1510922.20	2-2-23	10:52	37.10	47.84
Buena Vista Dairy I (DP-86)						
86-01	421534.62	1511667.76	2-2-23	11:58	52.22	54.45
86-02	421792.08	1510881.53	2-2-23	11:45	34.80	48.45
Bright Star Dairy (DP-340)						
340-01	421410.13	1511423.42	2-2-23	13:38	45.50	48.25
340-02	420641.08	1512051.57	2-2-23	13:55	56.71	56.95
Dominguez2 (DP-42)						
42-02	419982.45	1511126.19	2-3-23	9:09	30.01	65.29
42-03	419710.55	1514064.35	2-2-23	14:45	86.55	97.20
42-06	420021.61	1511465.15	2-3-23	9:38	36.70	41.50 / Pump Removed
42-07	420584.8	1513076.66				WELL REMOVED
42-08	419994.93	1511197.91	2-3-23	9:18	31.68	35.15
42-09	419729.17	1512255.76				WELL REMOVED
42-10	421426.39	1514460.4	2-3-23	10:48	117.50	123.65
42-11	420693.98	1515270.32	2-3-23	10:20	128.02	133.50
42-12	420972.09	1515423.88	2-3-23	10:56	134.54	139.50
42-13	419734.06	1512534.42	2-2-23	14:52	59.06	67.60
Dominguez Dairy (DP-624)						
624-01	418826.21	1512131.46	2-3-23	13:05	29.80	46.80
624-02	417335.25	1512201.42	2-3-23	13:40	21.96	37.40
624-09			2-3-23	11:22	23.87	32.80
624-10			2-3-23	11:53	24.83	37.30
624-11			2-3-23	13:20	55.27	68.85

**MONITORING WELL GAUGING DATA
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO**

Monitoring Well	Northing	Easting	Date	Time	Depth to Water	Notes or Total Depth (ft)
CENTRAL AREA						
Buena Vista Dairy II (DP-74)						
74-01	405434.93	1519310.15	2-6-23	11:44	38.26	45.24
74-02	404574.08	1519035.52	2-6-23	11:35	18.38	20.32
74-03	407163.61	1516711.72	2-6-23	10:35	18.41	20.28
74-04	405488.65	1519864.48	2-6-23	12:18	50.20	57.90
74-05	404747.71	1519885.3	2-6-23	11:53	42.80	57.15
Big Sky Dairy (DP-833)						
833-02	401200.32	1520639.92	2-6-23	14:05	35.79	57.95
833-04	402898.52	1520659.33	2-6-23	13:54	44.15	53.30
833-05	399712.39	1522374.73	2-7-23	9:15	66.77	73.50
833-06	402219.48	1522652.04	2-6-23	13:42	76.90	85.26
833-07	399298.8	1522082.75	2-7-23	8:55	62.29	73.55
833-08	400535.64	1521938.23	2-6-23	14:28	62.10	73.20
833-09	398280.67	1520918.52	2-7-23	9:40	28.26	39.65
833-10	396715.89	1520283.6	2-7-23	9:53	22.91	37.70
Sunset/Desert Land Dairy (DP-257)						
257-01	395856.31	1520572.16	2-7-23	10:50	21.59	25.86
257-02	394728.34	1521030.29	2-7-23	11:00	16.80	20.85
257-03	397935.69	1518746.14	2-7-23	10:15	14.08	16.15
MW-4			2-7-23	12:45	32.85	39.95
SOUTHERN AREA						
Del Oro Dairy (DP-692)						
692-02	372984.72	1531192.1	2-7-23	15:08	59.94	66.15
692-04	372982.53	1531555.21	2-7-23	14:56	Dry	60.59
692-05	374807.26	1532403	2-7-23	15:42	81.46	87.50
692-06	375054.77	1532411.83	2-7-23	15:55	83.38	90.20
692-07	374944.88	1532019.81	2-7-23	16:07	76.10	77.68
692-08	375535.69	1531378.09	2-7-23	16:25	69.09	77.15
692-09	373575.83	1532395.09	2-7-23	15:20	84.52	91.05
692-10			2-7-23	16:19	74.66	77.90
EW-01			2-7-23			
EW-02			2-7-23			
EW-03			2-7-23	15:21	57.70	73.59
EW-04			2-7-23			
EW-05			2-7-23			
Anthony Waste Water Treatment Plant						
MW-1	372097.86	1532364.36	2-7-23	14:12	65.42	79.95
MW-2	NM	NM	2-7-23	14:20	67.00	79.96
MW-3	NM	NM	2-7-23	14:35	59.50	78.42

MONITORING WELL GAUGING DATA
DONA ANA DAIRIES, DONA ANA COUNTY, NEW MEXICO

Monitoring Well	Northing ^a	Easting ^a	Date	Time	Depth to Water	Notes or Total Depth (ft)
ABATEMENT PLAN MONITOR WELLS						
DAD-01	422970.59	1512825.76	2-2-23	11:25	74.10	76.34
DAD-02	413002.98	1517319.93	2-3-23	15:05	67.90	68.22
DAD-03	407721.31	1516497.85	2-3-23	15:26	15.21	18.89
DAD-04	404576.66	1517413.28	2-6-23	10:50	Dry	18.64
DAD-05	396712.87	1519102.06	2-7-23	10:20	16.74	23.05
DAD-06R	404273.19	1522081.00	2-6-23	13:20	85.55	102.10
DAD-07	399270.18	1524320.88	2-7-23	10:58	93.08	100.65
DAD-08	395287.38	1522575.07	2-7-23	11:15	52.80	55.68
DAD-09	373259.30	1530905.70	2-7-23	13:23	57.03	61.25
DAD-10	372980.55	1532375.33	2-7-23	16:45	83.45	93.80
DAD-11	416211.35	1513814.71	2-3-23	14:25	24.05	47.50
DAD-12	419731.54	1512274.77	2-2-23	15:00	52.30	82.22
DAD-13	417879.08	1515673.13	2-2-23	14:15	87.60	92.75
DAD-14	414923.33	1514695.26	2-3-23	14:08	31.52	42.55
DAD-15	402001.22	1523552.04	2-8-23	10:00	96.80	109.90
DAD-16	400628.77	1519350.74	2-6-23	11:08	19.85	32.75
DAD-17	393991.97	1520267.94	2-7-23	10:28	20.79	38.85
DAD-18	395714.14	1520588.96	2-7-23	10:52	23.91	57.15
DAD-19	400164.47	1522027.92	2-7-23	9:28	65.40	99.35
DAD-20	371751.45	1531188.19	2-7-23	14:41	57.06	68.86
DAD-21	374013.39	1530983.98	2-7-23	13:20	58.02	66.50
DAD-22	373029.62	1530352.69	2-7-23	13:29	47.05	50.05
DAD-23	413958.29	1515697.17	2-3-23	14:53	45.88	57.73
DAD-24	400183.23	1522052.57	2-7-23	9:25	66.80	130.55
DAD-25	394560.83	1524599.12	2-7-23	11:36	67.32	77.20
DAD-26	372513.58	1530789.76	2-7-23	13:55	49.73	62.59
DAD-27						
Notes:						
^a Horizontal control to NM State Plane Coordinates Central NAD83 Grid Coordinates (in feet)						
^b Measured in feet below the top of casing at survey point on north side of well						

Organ Dairy Mesquite, NM

Field Parameters and Sample Results for Monitoring wells 1st Quarter 2023

Well ID	Sampling Date	Depth to water (ft)	TDS	Cl (mg/L)	TKN (mg/L)	NO3 (mg/L)	SO4 (mg/L)	EC (μS/cm)	pH	Temp (°C)	DO (mg/L)	ORP (mv)
MW 126-04	1/11/23	37.62	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW 126-05	1/11/23	29.70	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW 126-07	1/11/23	38.20	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW 126-09	1/11/23	80.70	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
MW 126-12	1/11/23	25.35	2210	420	<1.0	4.3	510	3290	7.68	20.1	1.6	240
MW 126-13	1/11/23	44.75	1600	700	<2.0	14	800	4770	7.46	NS	1.1	173

NS = Not Sampled

LRG-458S no longer running, barn being torn down.

Tap Water Sampling Data Sheet
 (for single-port sampling or pre-filter only)

Well ID: LR6-00952 (Dairy Parlor) Sample ID: _____ Sample Time: 12:30

Well owner/location/residence: Mountain View Dairy

Street address: _____

Filtration system? (circle one) NA Y N Sampling personnel: Angel A. Rivera

Start purge time: N/A Weather: Sunny

End purge time: NA Purge Rate (gal/min): _____


Sample collected at (circle as appropriate): Wellhead tap In-line House tap

Field Parameters:

	Time: <u>12:25</u>			Within	Circle One:
Specific Conductance:	<u>3761</u>			10%	$\mu\text{s/cm}$ ms/cm
pH:	<u>7.30</u>			+/- 0.5	
Temperature:	<u>21.0</u>			+/- 1 C	$^{\circ}\text{F}$ $^{\circ}\text{C}$
ORP:	<u>122</u>				mV

Notes/Comments:

Well Configuration

Recorded By: 

Tap Water Sampling Data Sheet
 (for single-port sampling or pre-filter only)

Well ID: LRG-457-S (Flow) Sample ID: _____ Sample Time: 11:15

Well owner/location/residence: Mountain View Dairy

Street address: _____

Filtration system? (circle one) Y N Sampling personnel: Angel N. Rivas

Start purge time: N/A Weather: _____

End purge time: N/A Purge Rate (gal/min): _____

Sample collected at (circle as appropriate): Wellhead tap In-line House tap

Field Parameters:

	Time: <u>10:50</u>			Within	Circle One:
Specific Conductance:	<u>4805</u>			10%	$\mu\text{s/cm}$ ms/cm
pH:	<u>7.15</u>			+/- 0.5	
Temperature:	<u>19.8</u>			+/- 1 C	$^{\circ}\text{F}$ $^{\circ}\text{C}$
ORP:	<u>25</u>				mV

Notes/Comments:

Well Configuration

Recorded By: *Angel N. Rivas*

Tap Water Sampling Data Sheet
 (for single-port sampling or pre-filter only)

Well ID: LRG-457-(Pivot) Sample ID: _____ Sample Time: 10:26

Well owner/location/residence: Mountain View Dairy

Street address: _____

Filtration system? (circle one) N/A Y N Sampling personnel: Angel A. Rivera

Start purge time: N/A Weather: Sunny

End purge time: NA Purge Rate (gal/min): _____

Sample collected at (circle as appropriate): Wellhead tap In-line House tap

Field Parameters:

	Time: <u>10:15</u>			Within	Circle One:
Specific Conductance:	<u>4842</u>			10%	$\mu\text{s/cm}$ ms/cm
pH:	<u>7.18</u>			+/- 0.5	
Temperature:	<u>24.4</u>			+/- 1 C	$^{\circ}\text{F}$ $^{\circ}\text{C}$
ORP:	<u>99</u>				mV

Notes/Comments:

Well Configuration

Recorded By: *Angel A. Rivera*

Tap Water Sampling Data Sheet
 (for single-port sampling or pre-filter only)

Well ID: LRG-4001-POD4 Sample ID: _____ Sample Time: 9:30

Well owner/location/residence: Big Sky Dairy

Street address: _____

Filtration system? (circle one) N/A N Sampling personnel: Angel M. Rivera

Start purge time: N/A Weather: Sunny

End purge time: N/A Purge Rate (gal/min): _____

Sample collected at (circle as appropriate): Wellhead tap In-line House tap

Field Parameters:

	Time: <u>9:15</u>			Within	Circle One:
Specific Conductance:	<u>2747</u>			10%	$\mu\text{s/cm}$ ms/cm
pH:	<u>7.16</u>			+/- 0.5	
Temperature:	<u>24.7</u>			+/- 1 C	$^{\circ}\text{F}$ $^{\circ}\text{C}$
ORP:	<u>105</u>				mV

Notes/Comments: Value spec up by Linda.

Well Configuration

Recorded By: 

Tap Water Sampling Data Sheet
 (for single-port sampling or pre-filter only)

Well ID: LRG-940-P002 Sample ID: _____ Sample Time: 9:40

Well owner/location/residence: Sunset Dalm

Street address: _____

Filtration system? (circle one) N/A N Sampling personnel: Angel N. Rivera

Start purge time: N/A Weather: Sunny

End purge time: N/A Purge Rate (gal/min): _____

Sample collected at (circle as appropriate): Wellhead tap In-line House tap

Field Parameters:

	Time: <u>9:35</u>			Within	Circle One:
Specific Conductance:	<u>3259</u>			10%	$\mu\text{s/cm}$ ms/cm
pH:	<u>7.02</u>			+/- 0.5	
Temperature:	<u>19.0</u>			+/- 1 C	$^{\circ}\text{F}$ $^{\circ}\text{C}$
ORP:	<u>110</u>				mV

Notes/Comments: _____

Well Configuration

Recorded By: *Angel N. Rivera*

Tap Water Sampling Data Sheet
 (for single-port sampling or pre-filter only)

Well ID: LRG.3348.5-2 Sample ID: _____ Sample Time: 9:48

Twin N

Well owner/location/residence: Sunset Dairy

Street address: _____

Filtration system? (circle one) MA N Sampling personnel: Angel N. Rivera

Start purge time: NA Weather: _____

End purge time: NA Purge Rate (gal/min): _____


Sample collected at (circle as appropriate): Wellhead tap In-line House tap

Field Parameters:

	Time: <u>9:43</u>			Within	Circle One:
Specific Conductance:	<u>3008</u>			10%	$\mu\text{s/cm}$ ms/cm
pH:	<u>7.15</u>			+/- 0.5	
Temperature:	<u>20.5</u>			+/- 1 C	$^{\circ}\text{F}$ $^{\circ}\text{C}$
ORP:	<u>125</u>				mV

Notes/Comments:

Well Configuration

Recorded By: 

Tap Water Sampling Data Sheet
 (for single-port sampling or pre-filter only)

Well ID: LR 6-3359-AA Sample ID: _____ Sample Time: 9:55
Twin S

Well owner/location/residence: SUNSET Dairy

Street address: _____

Filtration system? (circle one) N/A N Sampling personnel: Angel N. Rivera

Start purge time: N/A Weather: Sunny

End purge time: N/A Purge Rate (gal/min): _____

Sample collected at (circle as appropriate): Wellhead tap In-line House tap

Field Parameters:

	Time:			Within	Circle One:
Specific Conductance:	<u>9:50</u>			10%	$\mu\text{s/cm}$ ms/cm
pH:	<u>3138</u>			+/- 0.5	
Temperature:	<u>7.22</u>			+/- 1 C	$^{\circ}\text{F}$ $^{\circ}\text{C}$
ORP:	<u>20.2</u>				mV
	<u>31</u>				

Notes/Comments:

Well Configuration

Recorded By: 

Tap Water Sampling Data Sheet
 (for single-port sampling or pre-filter only)

Well ID: LRG.00591-S Sample ID: _____ Sample Time: 15:25

Well owner/location/residence: Dominquez Dairy 1

Street address: _____

Filtration system? (circle one) NA Y N Sampling personnel: Angel M. Rivera

Start purge time: N/A Weather: Sunny

End purge time: N/A Purge Rate (gal/min): _____

Sample collected at (circle as appropriate): Wellhead tap In-line House tap

Field Parameters:

	Time: <u>15:08</u>			Within	Circle One:
Specific Conductance:	<u>506.5</u>			10%	$\mu\text{s/cm}$ ms/cm
pH:	<u>7.35</u>			+/- 0.5	
Temperature:	<u>18.4</u>			+/- 1 C	$^{\circ}\text{F}$ $^{\circ}\text{C}$
ORP:	<u>136</u>				mV

Notes/Comments: Collected sample from valve from tank

Well Configuration

Recorded By: *Chal m*

Tap Water Sampling Data Sheet
 (for single-point sampling or pre-filter only)

Well ID: LR6-00591-S-2 Sample ID: _____ Sample Time: 15:50

Well owner/location/residence: Dominquez Dairy 1

Street address: _____

Filtration system? (circle one) N/A Y N Sampling personnel: Angel A. Rivera

Start purge time: NA Weather: Sunny

End purge time: NA Purge Rate (gal/min): _____

Sample collected at (circle as appropriate): Wellhead tap In-line House tap

Field Parameters:

	Time: <u>15:38</u>			Within	Circle One:
Specific Conductance:	<u>5220</u>			10%	µs/cm ms/cm
pH:	<u>7.42</u>			+/- 0.5	
Temperature:	<u>21.1</u>			+/- 1 C	°F °C
ORP:	<u>132</u>				mV

Notes/Comments: Collected sample from top of tank using bailer and poly Rope since no water was coming out of valve. Bailed around 2 gals before collecting sample.

Well Configuration

Recorded By: [Signature]

Tap Water Sampling Data Sheet
 (for single-port sampling or pre-filter only)

Well ID: LRG-00953 Sample ID: _____ Sample Time: 13:05

Well owner/location/residence: Bright Star Dairy

Street address: _____

Filtration system? (circle one) N/A Y N Sampling personnel: Angel M. Rivera

Start purge time: N/A Weather: Sunny

End purge time: N/A Purge Rate (gal/min): _____

Sample collected at (circle as appropriate): Wellhead tap In-line House tap

Field Parameters:

	Time: <u>13:00</u>			Within	Circle One:
Specific Conductance:	<u>3992</u>			10%	μs/cm ms/cm
pH:	<u>7.46</u>			+/- 0.5	
Temperature:	<u>24.3</u>			+/- 1 C	°F °C
ORP:	<u>121</u>				mV

Notes/Comments:

Well Configuration

Recorded By: *Angel M. Rivera*

Tap Water Sampling Data Sheet
 (for single-port sampling or pre-filter only)

Well ID: LRG-956 Sample ID: _____ Sample Time: 0

Well owner/location/residence: Dominquez 2

Street address: _____

Filtration system? (circle one) NA Y N Sampling personnel: Angel N. Rivera

Start purge time: NA Weather: Sunny

End purge time: NA Purge Rate (gal/min): _____

Sample collected at (circle as appropriate): Wellhead tap In-line House tap

Field Parameters:

	Time: <u>14:45</u>			Within	Circle One:
Specific Conductance:	<u>0</u>			10%	$\mu\text{s/cm}$ ms/cm
pH:	<u>0</u>			+/- 0.5	
Temperature:	<u>0</u>			+/- 1 C	$^{\circ}\text{F}$ $^{\circ}\text{C}$
ORP:	<u>0</u>				mV

Notes/Comments: No water coming out of tank, previously Dairy personnel stated no power on Dairy anymore since Dairy will be on sale. Open valve on side of tank and no water coming out.

Well Configuration

Recorded By: [Signature]

Tap Water Sampling Data Sheet
 (for single-port sampling or pre-filter only)

Well ID: LRG-5820 Sample ID: _____ Sample Time: 16:45

Well owner/location/residence: Del Oro Dairy

Street address: _____

Filtration system? (circle one) NA Y N Sampling personnel: Angel M. Rivera

Start purge time: N/A Weather: Sunny

End purge time: N/A Purge Rate (gal/min): _____

Sample collected at (circle as appropriate): Wellhead tap In-line House tap

Field Parameters:

	Time:	Within	Circle One:
Specific Conductance:	<u>16:33</u> <u>2229</u>	10%	$\mu\text{s/cm}$ ms/cm
pH:	<u>7.46</u>	+/- 0.5	
Temperature:	<u>24.2</u>	+/- 1 C	$^{\circ}\text{F}$ $^{\circ}\text{C}$
ORP:	<u>102</u>		mV

Notes/Comments: Collected sample from top of tank using bailer and poly bags.

Well Configuration

Recorded By: [Signature]

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID EW-05 Date Gauged N/A
 Site Deloro Time Gauged N/A
 Depth to PSH _____ feet Well Diameter 4 inches
 Depth to Water - feet Height of Fluid Column _____ feet
 Total Depth - feet Volume In Well _____ gallons
 (3 Well Volumes = _____ gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 14:45 3-15-23 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
14:58	5	5	22.5	2829	7.29	95	2.14
15:28	5	10	22.3	2910	7.26		
15:41	5	15	22.7	3005	7.20		

Actual Purge Volume 20 gals Field Measurements stabilized within ± 10% Y

Time/Date Sampled 16:05 3-15-23 Purged/Sampled By A.N

Sample Method Pump

Requested Analyses _____

Comments/Observations water not consistent, water would stop coming out and would be around 10 mins for water to come out again.

Well Casing Volumes

2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

Tap Water Sampling Data Sheet
 (for single-port sampling or pre-filter only)

Well ID: LRG-00590-S-6 Sample ID: _____ Sample Time: Ø

Well owner/location/residence: Dominguez Dairy I

Street address: _____

Filtration system? (circle one) N/A Y N Sampling personnel: Angel N. Rivera

Start purge time: N/A Weather: Sunny

End purge time: N/A Purge Rate (gal/min): _____

Sample collected at (circle as appropriate): Wellhead tap In-line House tap

Field Parameters:

	Time: <u>Ø</u>	Within	Circle One:
Specific Conductance: <u>Ø</u>		10%	$\mu\text{s/cm}$ ms/cm
pH: <u>Ø</u>		+/- 0.5	
Temperature: <u>Ø</u>		+/- 1 C	$^{\circ}\text{F}$ $^{\circ}\text{C}$
ORP: <u>Ø</u>			mV

Notes/Comments: Spoke to Isaac Jr. About irrigation well, he stated he couldn't turn it on since he has no crew available. He did mention he could try to turn it on in 8 days. NO sample collected.

Well Configuration

Recorded By: *ASL*

Tap Water Sampling Data Sheet
 (for single-port sampling or pre-filter only)

Well ID: LRG-01876 Sample ID: _____ Sample Time: 10:45

Well owner/location/residence: Buena Vista Dairy 2

Street address: _____

Filtration system? (circle one) NA Y N Sampling personnel: Angel N. Rivera

Start purge time: N/A Weather: Sunny

End purge time: N/A Purge Rate (gal/min): _____

Sample collected at (circle as appropriate): Wellhead tap In-line House tap

Field Parameters:

	Time: <u>10:30</u>	Within	Circle One:
Specific Conductance: <u>2419</u>		10%	µs/cm ms/cm
pH: <u>7.30</u>		+/- 0.5	
Temperature: <u>24.7</u>		+/- 1.0	°F °C
ORP: <u>126</u>			mV

Notes/Comments: Collected sample from top of tank using bailer and poly bags.

Well Configuration

Recorded By: [Signature]

Tap Water Sampling Data Sheet
 (for single-port sampling or pre-filter only)

Well ID: LRG-4116 Sample ID: _____ Sample Time: 12:30

Well owner/location/residence: Big Sky Dairy

Street address: _____

Filtration system? (circle one) W A Y N Sampling personnel: Angel M. Rivera

Start purge time: N/A Weather: Sunny

End purge time: N/A Purge Rate (gal/min): _____

Sample collected at (circle as appropriate): Wellhead tap In-line House tap

Field Parameters:

	Time: <u>12:15</u>			Within	Circle One:
Specific Conductance:	<u>2539</u>			10%	μs/cm ms/cm
pH:	<u>7.20</u>			+/- 0.5	
Temperature:	<u>19.4</u>			+/- 1.0	°F °C
ORP:	<u>115</u>				mV

Notes/Comments: Collected sample from valve.

Well Configuration

Recorded By: [Signature]

Tap Water Sampling Data Sheet
 (for single-port sampling or pre-filter only)

Well ID: LRA-3348-A3 Sample ID: _____ Sample Time: 14:20

Well owner/location/residence: SUNSET DAIRY

Street address: _____

Filtration system? (circle one) N/A Y N Sampling personnel: Angel N. Rivera

Start purge time: N/A Weather: Sunny

End purge time: N/A Purge Rate (gal/min): _____

Sample collected at (circle as appropriate): Wellhead tap In-line House tap

Field Parameters:

	Time: <u>13:55</u>			Within	Circle One:
Specific Conductance:	<u>3781</u>			10%	µs/cm ms/cm
pH:	<u>7.21</u>			+/- 0.5	
Temperature:	<u>23.1</u>			+/- 1.0	°F °C
ORP:	<u>78</u>				mV

Notes/Comments: Collected sample from Dairy Parlor

Well Configuration

Recorded By: *Angel N. Rivera*

Tap Water Sampling Data Sheet
 (for single-point sampling or pre-filter only)

Well ID: L2G-3348-B Sample ID: _____ Sample Time: 13:28

Well owner/location/residence: SUNSET Dairy

Street address: _____

Filtration system? (circle one) MA Y N Sampling personnel: Angel N. Rivera

Start purge time: N/A Weather: _____

End purge time: N/A Purge Rate (gal/min): _____

Sample collected at (circle as appropriate): Wellhead tap In-line House tap

Field Parameters:

	Time: <u>13:19</u>	Within	Circle One:
Specific Conductance: <u>2241</u>		10%	µs/cm ms/cm
pH: <u>7.23</u>		+/- 0.5	
Temperature: <u>25.8</u>		+/- 1.0	°F °C
ORP: <u>41</u>			mV

Notes/Comments: Collected sample from top of tank using bucket and pole rope.

Well Configuration

Recorded By: [Signature]

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)

Turn-Around Time:
 Standard Rush _____

Project Name: *Big Sky Dairy*
 Project #:

Project Manager:
 Gina Mullen

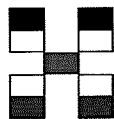
Accreditation: Az Compliance
 NELAC Other _____
 EDD (Type) _____

Sampler: Angel N. Rivera
 On Ice: Yes No
 # of Coolers:

Cooler Temp (including CF):

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
3-14	9:30	GW	LRG-4001-POD 4	2		

Nitrate/Nitrites EPA Method 300.	TKN SM 4500 NORG C	Chloride EPA 300	TDS SM 2540 C MOD	Sulfate EPA 300	Phosphorus EPA 6010B	Total Sulfur																																	
X	X																																						



HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Analysis Request

Date: 3-14	Time: 17:50	Relinquished by: <i>[Signature]</i>	Received by: _____	Via: _____	Date: _____	Time: _____
Date:	Time:	Relinquished by:	Received by:	Via:	Date:	Time:

Remarks:

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

Chain-of-Custody Record

Client:
EA Engineering, Science, and Technology
Mailing Address:
320 Gold Ave SW Suite
Phone #: 505-715-4279
email or Fax#: rmullen@eaest.com
QA/QC Package:
 Standard Level 4 (Full Validation)

Accreditation: Az Compliance
 NELAC Other
 EDD (Type)

Turn-Around Time:
 Standard Rush
Project Name:
Sunset Dairy
Project #:
Project Manager:
Gina Mullen

Sampler: Angel N. Rivera
On Ice: Yes No

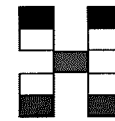
of Coolers:
Cooler Temp (including CF):

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
3-14	9:40	GW	LRG-940-POD2	2		
3-14	9:48	GW	LRG-3348-S-2 (Twin)	2		
3-14	9:55	GW	LRG-3359-AA (Twin S)	2		

Date: 3-14 Time: 17:50 Relinquished by: *Charles Miller*

Received by: Via: Date: Time

Remarks:



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Nitrate/Nitrites EPA Method 300	TKN SM 4500 NORG C	Chloride EPA 300	TDS SM 2540 C MOD	Sulfate EPA 300	Phosphorus EPA 6010B	Total Sulfur											
X	X																
X	X																
X	X																

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
 NELAC Other

EDD (Type)

Turn-Around Time:
 Standard Rush

Project Name:
Mountain View Dairy

Project #:

Project Manager:
Gina Mullen

Sampler: Angel N. Rivera

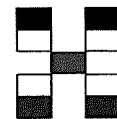
On Ice: Yes No

of Coolers:

Cooler Temp (including CF):

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
3-14	10:26	GW	LRG-457 (Pivot)	2		
3-14	11:15	GW	LRG-457-S (Flood)	2		
3-14	12:30	GW	LRG-00962 (Dairy Parlor)	2		

Container Type and #	Preservative Type	HEAL No.



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Nitrate/Nitrites EPA Method 300	TKN SM 4500 NOR G C	Chloride EPA 300	TDS SM 2540 C MOD	Sulfate EPA 300	Phosphorus EPA 6010B	Total Sulfur												
X	X																	
X	X																	
X	X	X	X															

Date: 3-14 Time: 17:50 Relinquished by: *Obad NP*

Received by: _____ Via: _____ Date _____ Time _____

Date: _____ Time: _____ Relinquished by: _____

Received by: _____ Via: _____ Date _____ Time _____

Remarks:

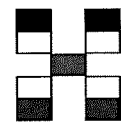
If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Chain-of-Custody Record

Client: EA Engineering, Science, and Technology
 Mailing Address: 320 Gold Ave SW Suite
 Phone #: 505-715-4279
 email or Fax#: rmullen@eaest.com

QA/QC Package:
 Standard Level 4 (Full Validation)
 Accreditation: Az Compliance
 NELAC Other
 EDD (Type)

Turn-Around Time:
 Standard Rush
 Project Name: *Bright Star Daig*
 Project #:
 Project Manager: Gina Mullen
 Sampler: Angel N. Rivera
 On Ice: Yes No
 # of Coolers:
 Cooler Temp (including CF):



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

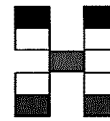
Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	Nitrate/Nitrites EPA Method 300.	TKN SM 4500 NORG C	Chloride EPA 300	TDS SM 2540 C MOD	Sulfate EPA 300	Phosphorus EPA 6010B	Total Sulfur								
3-14	13:05	GW	LR6-00953	2			X	X	X	K											

Date: 3-14	Time: 17:50	Relinquished by: <i>[Signature]</i>	Received by:	Via:	Date	Time	Remarks:
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time	

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

Chain-of-Custody Record



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Client: EA Engineering, Science, and Technology
 Mailing Address: 320 Gold Ave SW Suite
 Phone #: 505-715-4279
 email or Fax#: rmullen@eaest.com
 QA/QC Package:
 Standard Level 4 (Full Validation)
 Accreditation: Az Compliance
 NELAC Other
 EDD (Type)

Turn-Around Time:
 Standard Rush
 Project Name: **Dominquez Dairy 1**
 Project #:
 Project Manager: Gina Mullen
 Sampler: Angel N. Rivera
 On Ice: Yes No
 # of Coolers:
 Cooler Temp (including CF):

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	Nitrate/Nitrites EPA Method 300	TKN SM 4500 NORG C	Chloride EPA 300	TDS SM 2540 C MOD	Sulfate EPA 300	Phosphorus EPA 6010B	Total Sulfur							
3-14	15:25	GW	LRG-00591-S	2			X	X	X	X										
3-14	15:50	GW	LRG-00591-S-2	2																

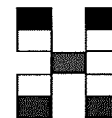
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time	Remarks:
3-14	17:50	<i>[Signature]</i>					
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time	

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

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)

Turn-Around Time:
 Standard Rush
 Project Name: Buena Vista Dairy 2
 Project #:
 Project Manager: Gina Mullen



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Accreditation: Az Compliance
 NELAC Other
 EDD (Type)

Sampler: Angel N. Rivera
 On Ice: Yes No
 # of Coolers:
 Cooler Temp (including CF):

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
3-15	10:45	GW	LRG-01876	2		

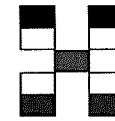
Nitrate/Nitrites EPA Method 300	TKN SM 4500 NORG C	Chloride EPA 300	TDS SM 2540 C MOD	Sulfate EPA 300	Phosphorus EPA 6010B	Total Sulfur												
X	X	X	X															

Date: 3-15 Time: 17:55 Relinquished by: *[Signature]*
 Date: Time: Relinquished by:
 Received by: Via: Date Time
 Received by: Via: Date Time

Remarks:

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

Chain-of-Custody Record



**HALL ENVIRONMENTAL
ANALYSIS LABORATORY**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Client:

Turn-Around Time:
 Standard Rush

EA Engineering, Science, and Technology

Project Name:

Mailing Address:

Big Sky Dairy

320 Gold Ave SW Suite

Project #:

Phone #: 505-715-4279

Project Manager:

email or Fax#: rmullen@eaest.com

Gina Mullen

QA/QC Package:

Standard Level 4 (Full Validation)

Accreditation: Az Compliance

Sampler: Angel N. Rivera

NELAC Other

On Ice: Yes No

EDD (Type)

of Coolers:

Cooler Temp (including CF):

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	Analysis Request																
							Nitrate/Nitrites EPA Method 300	TKN SM 4500 NORG C	Chloride EPA 300	TDS SM 2540 C MOD	Sulfate EPA 300	Phosphorus EPA 6010B	Total Sulfur										
3-15	12:30 <i>AM</i>	GW	LRG-4116	2			X	X	X	X													
Date:	Time:	Relinquished by:		Received by:		Via:	Date	Time	Remarks:														
3-15	17:55	<i>[Signature]</i>																					
Date:	Time:	Relinquished by:		Received by:		Via:	Date	Time															

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

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)

Turn-Around Time:
 Standard Rush

Project Name: Sunset Dairy

Project #:

Project Manager: Gina Mullen

Accreditation: Az Compliance
 NELAC Other _____
 EDD (Type) _____

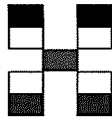
Sampler: Angel N. Rivera

On Ice: Yes No

of Coolers:

Date	Time	Matrix	Sample Name
3-15	13:28	GW	LRG-3348-B
3-15	14:20	GW	LRG-3348-As

Cooler Temp (including CF):		
Container Type and #	Preservative Type	HEAL No.
2		
2		



HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Analysis Request

Nitrate/Nitrites EPA Method 300	TKN SM 4500 NORG C	Chloride EPA 300	TDS SM 2540 C MOD	Sulfate EPA 300	Phosphorus EPA 6010B	Total Sulfur													
X	X	X	X																
X	X	X	X																

Date: 3-15 Time: 17:55 Relinquished by: *[Signature]*

Received by: Via: Date Time

Remarks:

Date: Time: Relinquished by:

Received by: Via: Date Time

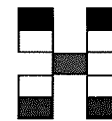
Remarks:

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

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

Turn-Around Time:
 Standard Rush
 Project Name: Del Oro Dairy
 Project #: _____
 Project Manager: Gina Mullen



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

QA/QC Package:
 Standard Level 4 (Full Validation)
 Accreditation: Az Compliance
 NELAC Other _____
 EDD (Type) _____

Sampler: Angel N. Rivera
 On Ice: Yes No
 # of Coolers: _____
 Cooler Temp (including CF): _____

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	Nitrate/Nitrites EPA Method 300.	TKN SM 4500 NORG C	Chloride EPA 300	TDS SM 2540 C MOD	Sulfate EPA 300	Phosphorus EPA 6010B	Total Sulfur						
3-15	16:05	Gw	EW-05	2			X	X	X	X	X								
3-15	16:45	Gw	LRG-5820	2			X	X	X	X									

Date: 3-15 Time: 17:55 Relinquished by: *[Signature]*
 Received by: _____ Via: _____ Date: _____ Time: _____
 Date: _____ Time: _____ Relinquished by: _____
 Received by: _____ Via: _____ Date: _____ Time: _____

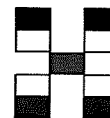
Remarks: _____

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

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)

Turn-Around Time:
 Standard Rush
 Project Name: **Bright Star Dairy**
 Project #:
 Project Manager: Gina Mullen



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Accreditation: Az Compliance
 NELAC Other
 EDD (Type)

Sampler: Angel N. Rivera
 On Ice: Yes No
 # of Coolers:
 Cooler Temp (including CF):

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	Nitrate/Nitrites EPA Method 300	TKN SM 4500 NORG C	Chloride EPA 300	TDS SM 2540 C MOD	Sulfate EPA 300	Phosphorus EPA 6010B	Total Sulfur						
2-8	11:05	GW	86/340-01	2			X	X	X	X	X								
2-8	12:55	GW	70/86/340-01	2			X	X	X	X	X								
2-8	15:05	GW	340-01	2			X	X	X	X	X								

Date: 2-8 Time: 18:00 Relinquished by: *[Signature]*

Received by: Via: Date Time

Remarks:

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

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 86/340-01 Date Gauged 2-8-23
 Site Bright Star Time Gauged 10:15

Depth to PSH _____ feet Well Diameter 4 inches
 Depth to Water 59.58 feet Height of Fluid Column 11.22 feet
 Total Depth 70.80 feet Volume in Well 7.405 gallons

(3 Well Volumes = 22.21 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 10:20 2-8-23 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
10:30	7	7	18.0	3262	7.65	162	2.46
10:40	7	14	18.4	3234	7.35		
10:55	9	23	18.9	3260	7.24		

Actual Purge Volume 28 gals Field Measurements stabilized within ± 10% Y

Time/Date Sampled 11:05 2-8-23 Purged/Sampled By A.N

Sample Method Pump

Requested Analyses _____

Comments/Observations _____

Well Casing Volumes

2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 ga/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 70/86/340-01 Date Gauged 2-8-23
 Site Bright star Time Gauged 11:20

Depth to PSH _____ feet Well Diameter 4 inches
 Depth to Water 53.02 feet Height of Fluid Column 14.88 feet
 Total Depth 67.90 feet Volume in Well 9.820 gallons
 (3 Well Volumes = 29.46 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 11:25 2-8-23 Purged Method Pump

Time	Purge-Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
11:42	10	10	18.9	9633	7.42	166	1.15
12:15	10	20	18.2	9555	7.24		
12:38	10	30	19.1	9515	7.20		

Actual Purge Volume 35 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 12:55 2-8-23 Purged/Sampled By A.N
 Sample Method Pump
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 240-01 Date Gauged 2-8-23
 Site Bright Star Time Gauged 13:50
 Depth to PSH _____ feet Well Diameter 4 inches
 Depth to Water 45.46 feet Height of Fluid Column 2.79 feet
 Total Depth 48.25 feet Volume in Well 1.841 gallons
 (3 Well Volumes = 5.52 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 13:55 2-8-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
14:15	2	2	20.8	4469	7.51	173	2.23
14:30	2	4	20.9	4519	7.38		
14:45	2	6	20.3	4484	7.26		

Actual Purge Volume 9 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 15:05 2-8-23 Purged/Sampled By A.N
 Sample Method Bail
 Requested Analyses _____
 Comments/Observations low water flow.

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 240-02 Date Gauged 2-8-23
 Site Bright Star Time Gauged 15:22

Depth to PSH _____ feet Well Diameter 4 inches
 Depth to Water 56.69 feet Height of Fluid Column 0.29 feet
 Total Depth 56.98 feet Volume in Well 0.191 gallons
 (3 Well Volumes = 0.574 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 15:31 2-8-23 Purged Method Bail

Time	Purge-Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
—	—	—	—	—	—	—	—

Actual Purge Volume 0 gals Field Measurements stabilized within ± 10% 0
 Time/Date Sampled 0 Purged/Sampled By 0
 Sample Method 0
 Requested Analyses _____

Comments/Observations No water coming out on Bail. left Bail inside well for couple mins and did not recover any water for readings or samples.

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

Chain-of-Custody Record

Client:

EA Engineering, Science, and Technology

Mailing Address:

320 Gold Ave SW Suite

Phone #: 505-715-4279

email or Fax#: rmullen@eaest.com

QA/QC Package:

Standard Level 4 (Full Validation)

Accreditation: Az Compliance

NELAC Other

EDD (Type)

Turn-Around Time:
 Standard Rush

Project Name:

Big Sky Dairy

Project #:

Project Manager:

Gina Mullen

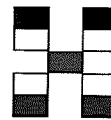
Sampler: Angel N. Rivera

On Ice: Yes No

of Coolers:

Cooler Temp (including CF):

Container Type and #	Preservative Type	HEAL No.
2		
2		
2		



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

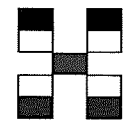
Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	Nitrate/Nitrites EPA Method 300	TKN SM 4500 NORG C	Chloride EPA 300	TDS SM 2540 C MOD	Sulfate EPA 300	Phosphorus EPA 6010B	Total Sulfur					
2-23	11:12	GW	833-05	2			X	X	X	X	X							
2-23	12:58	GW	833-09	2			X	X	X	X	X							
2-23	14:22	GW	833-10	2			X	X	X	X	X							
Date:	Time:	Relinquished by:	Received by:		Via:	Date	Time	Remarks:										
2-23	17:36	<i>[Signature]</i>																
Date:	Time:	Relinquished by:	Received by:		Via:	Date	Time											

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

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)

Turn-Around Time:
 Standard Rush
 Project Name: Big Sky Dairy
 Project #:
 Project Manager: Gina Mullen



HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Accreditation: Az Compliance
 NELAC Other
 EDD (Type)

Sampler: Angel N. Rivera
 On Ice: Yes No
 # of Coolers:

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	Cooler Temp (including CF):	
2-22	11:33	Gw	833-02	2				
2-22	13:05	Gw	833-08	2				
2-22	15:31	Gw	833-07	2				

Nitrate/Nitrites EPA Method 300.	TKN SM 4500 NOR G C	Chloride EPA 300	TDS SM 2540 C MOD	Sulfate EPA 300	Phosphorus EPA 6010B	Total Sulfur												
X	X	X	X	X														
X	X	X	X	X														
X	X	X	X	X														

Date: 2-22 Time: 17:10 Relinquished by: *Chad RA*

Received by: _____ Via: _____ Date: _____ Time: _____

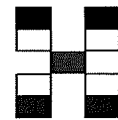
Remarks:

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

Turn-Around Time:
 Standard Rush
 Project Name: Big Sky Dairy
 Project #:
 Project Manager: Gina Mullen



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Accreditation: Az Compliance
 NELAC Other
 EDD (Type)

Sampler: Angel N. Rivera
 On Ice: Yes No
 # of Coolers:

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
2-21	14:37	Gw	833-06	2		
2-21	16:15	Gw	833-04	2		

Nitrate/Nitrites EPA Method 300.	TKN SM 4500 NORG C	Chloride EPA 300	TDS SM 2540 C MOD	Sulfate EPA 300	Phosphorus EPA 6010B	Total Sulfur																
X	X	X	X	X																		
X	X	X	X	X																		

Date: 2-21 Time: 17:51 Relinquished by: *Chalva*

Received by: Via: Date Time

Remarks:

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

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 833-02 Date Gauged 2-22-23
 Site Big Sky Time Gauged 9:59
 Depth to PSH _____ feet Well Diameter 4 inches
 Depth to Water 35.75 feet Height of Fluid Column 22.20 feet
 Total Depth 57.95 feet Volume in Well 14.652 gallons
 (3 Well Volumes = 43.95 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 10:08 2-22-23 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
10:32	15	15	18.1	5839	7.40	186	2.66
10:52	15	30	17.9	5813	7.30		
11:13	14	44	18.2	5841	7.24		

Actual Purge Volume 49 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 11:33 2-22-23 Purged/Sampled By A.V
 Sample Method Pump
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 833.04 Date Gauged 2-21-23
 Site Big Sky Time Gauged 14:55
 Depth to PSH _____ feet Well Diameter 4 inches
 Depth to Water 44.14 feet Height of Fluid Column 9.16 feet
 Total Depth 53.30 feet Volume in Well 6.045 gallons
 (3 Well Volumes = 18.13 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 15:06 2-21-23 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
15:19	6	6	20.8	4651	7.72	225	2.05
15:32	6	12	21.0	4640	7.57		
15:50	6.25	18.25	20.8	4692	7.33		
15:52	.25	18.50	20.9	4697	7.30		

Actual Purge Volume 25 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 16:15 2-21-23 Purged/Sampled By A.N
 Sample Method Pump
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 83305 Date Gauged 2-23-23
 Site Big sky Time Gauged 9:57
 Depth to PSH _____ feet Well Diameter 4 inches
 Depth to Water 66.78 feet Height of Fluid Column 6.72 feet
 Total Depth 73.50 feet Volume in Well 4.435 gallons
 (3 Well Volumes = 13.30 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 10:06 2-23-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
10:24	5	5	21.6	5364	7.09	190	1.25
10:40	5	10	22.1	5336	7.13		
10:56	4	14	21.9	5371	7.20		

Actual Purge Volume 17 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 11:12 2-23-23 Purged/Sampled By A-N
 Sample Method Bail
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 833-06 Date Gauged 2-21-23
 Site Big Sky Time Gauged 13:40
 Depth to PSH _____ feet Well Diameter 4 inches
 Depth to Water 76.89 feet Height of Fluid Column 8.39 feet
 Total Depth 85.28 feet Volume in Well 5.537 gallons
 (3 Well Volumes = 16.61 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 13:48 2-21-23 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
13:57	5	5	20.2	4285	7.66	256	2.61
14:10	5	10	19.6	4199	7.50		
14:24	7	17	20.3	4231	7.34		

Actual Purge Volume 22 gals Field Measurements stabilized within ± 10% X
 Time/Date Sampled 14:37 2-21-23 Purged/Sampled By A.N
 Sample Method Pump
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 833-07 Date Gauged 2-22-23
 Site Big Sky Time Gauged 13:55
 Depth to PSH _____ feet Well Diameter 4 inches
 Depth to Water 62.28 feet Height of Fluid Column 11.27 feet
 Total Depth 73.55 feet Volume in Well 7.438 gallons
 (3 Well Volumes = 22.31 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 14:06 2-22-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
14:19	7	7	20.4	5755	7.48	219	2.26
14:35	7	14	19.8	5781	7.36		
14:56	9	23	19.4	5794	7.25		

Actual Purge Volume 27 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 15:31 2-22-23 Purged/Sampled By A.N
 Sample Method Bail
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 833.08 Date Gauged 2-22-23
 Site Big Sky Time Gauged 11:51
 Depth to PSH _____ feet Well Diameter 4 inches
 Depth to Water 62.08 feet Height of Fluid Column 11.12 feet
 Total Depth 73.20 feet Volume in Well 7.339 gallons
 (3 Well Volumes = 22.01 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 11:57 2-22-23 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
12:12	7	7	20.4	5007	7.50	223	2.02
12:25	7	14	19.8	5098	7.38		
12:41	8.25	22.25	20.5	5222	7.26		

Actual Purge Volume 28 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 13:05 2-22-23 Purged/Sampled By A.N
 Sample Method Pump
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 833-09 Date Gauged 2-23-23
 Site Big Sky Time Gauged 11:33
 Depth to PSH _____ feet Well Diameter 4 inches
 Depth to Water 28.23 feet Height of Fluid Column 11.42 feet
 Total Depth 39.65 feet Volume in Well 7.537 gallons
 (3 Well Volumes = 22.61 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 11:38 2-23-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
11:56	7	7	20.7	5596	7.32	157	2.44
12:15	7	14	20.6	5528	7.30		
12:36	8	22	20.5	5542	7.24		

Actual Purge Volume 26 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 12:58 2-23-23 Purged/Sampled By A.N
 Sample Method Bail
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 833-10 Date Gauged 2-23-23
 Site Big Sky Time Gauged 13:16
 Depth to PSH _____ feet Well Diameter 4 inches
 Depth to Water 22.86 feet Height of Fluid Column 14.84 feet
 Total Depth 37.70 feet Volume in Well 9.794 gallons
 (3 Well Volumes = 29.38 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 13:20 2-23-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
<u>13:35</u>	<u>10</u>	<u>10</u>	<u>18.8</u>	<u>4338</u>	<u>7.51</u>	<u>158</u>	<u>2.63</u>
<u>13:50</u>	<u>10</u>	<u>20</u>	<u>18.5</u>	<u>4326</u>	<u>7.44</u>		
<u>14:08</u>	<u>10</u>	<u>30</u>	<u>18.4</u>	<u>4306</u>	<u>7.30</u>		

Actual Purge Volume 35 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 14:22 2-23-23 Purged/Sampled By A.N
 Sample Method Bail
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

Chain-of-Custody Record

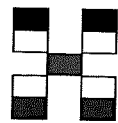
Client: _____
 EA Engineering, Science, and Technology
 Mailing Address:
 320 Gold Ave SW Suite
 Phone #: 505-715-4279
 email or Fax#: rmullen@eaest.com
 QA/QC Package:
 Standard Level 4 (Full Validation)

Accreditation: Az Compliance
 NELAC Other _____
 EDD (Type) _____

Turn-Around Time:
 Standard Rush
 Project Name:
 Dona Ana Dairies (DAD's)
 Project #:

Project Manager:
 Gina Mullen
 Sampler: Angel N. Rivera
 On Ice: Yes No
 # of Coolers: _____
 Cooler Temp (including CF): _____

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
3-2	10:40	GW	DAD-01	2		
3-2	12:20	GW	DAD-13	2		
3-2	14:27	GW	DAD-12	2		
3-2	15:50	GW	DAD-14	2		



HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Analysis Request

	Nitrate/Nitrites EPA Method 300.	TKN SM 4500 NORG C	Chloride EPA 300	TDS SM 2540 C MOD	Sulfate EPA 300	Phosphorus EPA 6010B	Total Sulfur										
	X	X	X	X													
	X	X	X	X													
	X	X	X	X													
	X	X	X	X													

Date: 3-2 Time: 17:45 Relinquished by: *[Signature]*

Received by: _____ Via: _____ Date: _____ Time: _____

Remarks: _____

Date: _____ Time: _____ Relinquished by: _____

Received by: _____ Via: _____ Date: _____ Time: _____

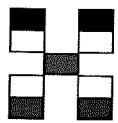
If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Chain-of-Custody Record

Client: EA Engineering, Science, and Technology
 Mailing Address: 320 Gold Ave SW Suite
 Phone #: 505-715-4279
 email or Fax#: rmullen@eaest.com
 QA/QC Package:
 Standard Level 4 (Full Validation)

Accreditation: Az Compliance
 NELAC Other _____
 EDD (Type) _____

Turn-Around Time:
 Standard Rush
 Project Name: Dona Ana Dairies (DAD's)
 Project #: _____
 Project Manager: Gina Mullen
 Sampler: Angel N. Rivera
 On Ice: Yes No
 # of Coolers: _____
 Cooler Temp (including CF): _____



HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	Analysis Request															
							Nitrate/Nitrites EPA Method 300.	TKN SM 4500 NORG C	Chloride EPA 300	TDS SM 2540 C MOD	Sulfate EPA 300	Phosphorus EPA 6010B	Total Sulfur									
3-3	11:15	Gw	DAD-11	2			X	X	X	X												
3-3	13:05	Gw	DAD-23	2			X	X	X	X												
3-3	14:55	Gw	DAD-02	2			X	X	X	X												

Analysis Request									
Nitrate/Nitrites EPA Method 300.	TKN SM 4500 NORG C	Chloride EPA 300	TDS SM 2540 C MOD	Sulfate EPA 300	Phosphorus EPA 6010B	Total Sulfur			
X	X	X	X						
X	X	X	X						
X	X	X	X						

Date: 3-3 Time: 16:30 Relinquished by: Angel N.R.
 Received by: _____ Via: _____ Date: _____ Time: _____
 Relinquished by: _____ Received by: _____ Via: _____ Date: _____ Time: _____

Remarks: _____

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

Chain-of-Custody Record

Client:

EA Engineering, Science, and Technology
Mailing Address:

320 Gold Ave SW Suite

Phone #: 505-715-4279

email or Fax#: rnullen@eaest.com

QA/QC Package:
 Standard Level 4 (Full Validation)

Accreditation: Az Compliance
 NELAC Other _____
 EDD (Type) _____

Turn-Around Time:
 Standard Rush

Project Name:
Dona Ana Dairies (DAD's)

Project #:

Project Manager:
Gina Mullen

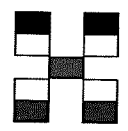
Sampler: Angel N. Rivera

On Ice: Yes No

of Coolers:

Cooler Temp (including CF):

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	Analysis Request														
							Nitrate/Nitrites EPA Method 300	TKN SM 4500 NORG C	Chloride EPA 300	TDS SM 2540 C MOD	Sulfate EPA 300	Phosphorus EPA 6010B	Total Sulfur								
3-6	11:20	GW	DAD-15	2			X	X	X	X											
3-6	12:53	GW	DAD-03	2			X	X	X	X											
3-6	15:25	GW	DAD-16	2			X	X	X	X											



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Date: 3-6 Time: 16:55 Relinquished by: *Oliver*

Received by: Via: Date Time

Remarks:

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

Chain-of-Custody Record

Client:

EA Engineering, Science, and Technology

Mailing Address:

320 Gold Ave SW Suite

Phone #: 505-715-4279

email or Fax#: rmullen@eaest.com

QA/QC Package:

Standard Level 4 (Full Validation)

Accreditation: Az Compliance

NELAC Other _____

EDD (Type) _____

Turn-Around Time:
 Standard Rush

Project Name:

Dona Ana Dairies (DAD's)

Project #:

Project Manager:

Gina Mullen

Sampler: Angel N. Rivera

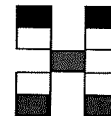
On Ice: Yes No

of Coolers:

Cooler Temp (including CF):

Container Type and #	Preservative Type	HEAL No.
----------------------	-------------------	----------

Date	Time	Matrix	Sample Name
3-7	10:45	Gw	DAD-06R
3-7	13:20	Gw	DAD-24
3-7	15:00	Gw	DAD-19



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Nitrate/Nitrites EPA Method 300.	TKN SM 4500 NORG C	Chloride EPA 300	TDS SM 2540 C MOD	Sulfate EPA 300	Phosphorus EPA 6010B	Total Sulfur												
X	X	X	X															
X	X	X	X															
X	X	X	X															

Date: 3-7 Time: 17:25 Relinquished by: *Cheryl MN*

Received by: _____ Via: _____ Date _____ Time _____

Remarks:

Date: _____ Time: _____ Relinquished by: _____

Received by: _____ Via: _____ Date _____ Time _____

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

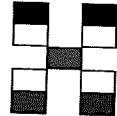
Turn-Around Time:
 Standard Rush

Project Name:
Dona Ana Dairies (DAD's)
Project #:

Project Manager:
Gina Mullen

Sampler: Angel N. Rivera
On Ice: Yes No
of Coolers:
Cooler Temp (including CF):

QA/QC Package:
 Standard Level 4 (Full Validation)
Accreditation: Az Compliance
 NELAC Other
 EDD (Type)



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
3-8	10:12	Gw	DAD-17	2		
3-8	11:54	Gw	DAD-05	2		
3-8	13:35	Gw	DAD-18	2		
3-8	14:40	Gw	DAD-08	2		

Nitrate/Nitrites EPA Method 300	TKN SM 4500 NORG C	Chloride EPA 300	TDS SM 2540 C MOD	Sulfate EPA 300	Phosphorus EPA 6010B	Total Sulfur											
X	X	X	X														
X	X	X	X														
X	X	X	X														
X	X	X	X														

Date: 3-8 Time: 16:55 Relinquished by: *Cheryl N...*
Date: Time: Relinquished by:
Received by: Via: Date Time
Received by: Via: Date Time

Remarks:

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

Chain-of-Custody Record

Client: _____

EA Engineering, Science, and Technology
Mailing Address: _____

320 Gold Ave SW Suite _____

Phone #: 505-715-4279

email or Fax#: rmullen@eaest.com

QA/QC Package:
 Standard Level 4 (Full Validation)

Accreditation: Az Compliance
 NELAC Other _____

EDD (Type) _____

Turn-Around Time:
 Standard Rush

Project Name:
Dona Ana Dairies (DAD's)

Project #:

Project Manager:
Gina Mullen

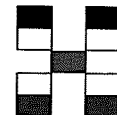
Sampler: Angel N. Rivera

On Ice: Yes No

of Coolers: _____

Cooler Temp (including CF): _____

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	Analysis Request																
							Nitrate/Nitrites EPA Method 300	TKN SM 4500 NORGC	Chloride EPA 300	TDS SM 2540 C MOD	Sulfate EPA 300	Phosphorus EPA 6010B	Total Sulfur										
3-9	10:51	GW	DAD-25	2			X	X	X	X													
3-9	12:46	GW	DAD-07	2			X	X	X	X													
3-9	14:55	GW	DAD-21	2			X	X	X	X													
3-9	15:58	GW	DAD-09	2			X	X	X	X													
3-9	16:40	GW	DAD-22	2			X	X	X	X													



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Date: 3-9 Time: 17:52 Relinquished by: *Angel N. Rivera*

Received by: _____ Via: _____ Date: _____ Time: _____

Remarks:

Date: _____ Time: _____ Relinquished by: _____

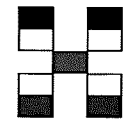
Received by: _____ Via: _____ Date: _____ Time: _____

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

Turn-Around Time:
 Standard Rush
 Project Name: Dona Ana Dairies (DAD's)
 Project #:
 Project Manager: Gina Mullen



HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Accreditation: Az Compliance
 NELAC Other
 EDD (Type)

Sampler: Angel N. Rivera
 On Ice: Yes No
 # of Coolers:
 Cooler Temp (including CF):

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
3-10	10:53	GW	DAD-27	2		
3-10	12:44	GW	DAD-26	2		
3-10	14:50	GW	DAD-20	2		
3-10	16:15	GW	DAD-10	2		

Nitrate/Nitrites EPA Method 300	TKN SM 4500 NORG C	Chloride EPA 300	TDS SM 2540 C MOD	Sulfate EPA 300	Phosphorus EPA 6010B	Total Sulfur												
X	X	X	X															
X	X	X	X															
X	X	X	X															
X	X	X	X															

Date: 3-10 Time: 17:40 Relinquished by: *[Signature]*
 Received by: Via: Date Time
 Date: Time: Relinquished by: Received by: Via: Date Time

Remarks:

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

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-01 Date Gauged 3-2-23
 Site DAD'S Time Gauged 10:05

Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 74.05 feet Height of Fluid Column 2.30 feet
 Total Depth 76.35 feet Volume in Well 0.391 gallons

(3 Well Volumes = 1.17 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 10:10 3-2-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
10:15	.50	.50	22.0	2477	7.13	132	1.85
10:18	.50	1	22.3	2609	7.09		
10:23	.50	1.50	20.9	3215	7.20		

Actual Purge Volume 3 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 10:40 3-2-23 Purged/Sampled By AJN
 Sample Method Bail
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-02 Date Gauged 3-3-23
 Site DAD's Time Gauged 13:50

Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 67.86 feet Height of Fluid Column 0.37 feet
 Total Depth 68.23 feet Volume in Well 0.062 gallons
 (3 Well Volumes = 0.18 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 13:55 3-3-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
14:05	.25	.25	22.0	2484	7.51	141	1.84
14:15	.25	.50	22.6	2447	7.42		
14:20	.25	.75	23.3	2413	7.31		

Actual Purge Volume 1.50 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 14:55 3-3-23 Purged/Sampled By A.N
 Sample Method Bail
 Requested Analyses _____
 Comments/Observations low water flow.

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-03 Date Gauged 3-6-23
 Site DAD'S Time Gauged 11:55

Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 15.20 feet Height of Fluid Column 3.70 feet
 Total Depth 18.90 feet Volume in Well 0.629 gallons
 (3 Well Volumes = 1.88 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 12:00 3-6-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
12:15	.50	.50	21.3	2659	7.47	134	1.99
12:21	.50	1	21.2	2644	7.41		
12:31	1	2	21.1	2697	7.36		
12:35	.25	2.25	21.3	2693	7.34		

Actual Purge Volume 5 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 12:53 3-6-23 Purged/Sampled By A.N
 Sample Method Bail
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-04 Date Gauged 3-6-23
 Site DAD'S Time Gauged 13:30

Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water Dry feet Height of Fluid Column _____ feet
 Total Depth 18.65 feet Volume in Well _____ gallons

(3 Well Volumes = _____ gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 0 0 Purged Method 0

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)

Actual Purge Volume 0 gals Field Measurements stabilized within ± 10% 0
 Time/Date Sampled 0 0 Purged/Sampled By 0
 Sample Method 0
 Requested Analyses _____
 Comments/Observations Dry well.

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-05 Date Gauged 3-8-23
 Site DAD'S Time Gauged 10:55

Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 16.71 feet Height of Fluid Column 6.34 feet
 Total Depth 23.05 feet Volume in Well 1.077 gallons
 (3 Well Volumes = 3.23 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 11:00 3-8-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
11:10	1	1	19.1	1283	7.27	100	1.05
11:21	1	2	18.7	1259	7.38		
11:36	1.50	3.50	18.4	1351	7.29		

Actual Purge Volume 6 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 11:54 3-8-23 Purged/Sampled By A.N
 Sample Method Bail
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-06R Date Gauged 3-7-23
 Site DAD'S Time Gauged 9:10

Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 85.50 feet Height of Fluid Column 16.60 feet
 Total Depth 102.10 feet Volume in Well 2.822 gallons
 (3 Well Volumes = 8.46 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 9:18 3-7-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
9:38	3	3	23.1	1144	7.45	131	1.10
9:58	3	6	23.6	1036	7.32		
10:19	3	9	23.2	1052	7.26		

Actual Purge Volume 12 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 10:45 3-7-23 Purged/Sampled By A.N
 Sample Method Bail
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-07

Date Gauged 3-9-23

Site DAD's

Time Gauged 11:20

Depth to PSH _____ feet

Well Diameter 2 inches

Depth to Water 98.05 feet

Height of Fluid Column 7.60 feet

Total Depth 100.65 feet

Volume in Well 1.292 gallons

(3 Well Volumes = 3.87 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 11:28 3-9-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
11:41	1	1	24.5	2946	7.48	123	2.19
11:53	1	2	24.3	3154	7.34		
12:16	2	4	24.2	3312	7.27		

Actual Purge Volume 6 gals

Field Measurements stabilized within ± 10% Y

Time/Date Sampled 12:46 3-9-23

Purged/Sampled By A.N

Sample Method Bail

Requested Analyses _____

Comments/Observations _____

Well Casing Volumes

2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-08 Date Gauged 3-8-23
 Site DAD's Time Gauged 13:50

Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 52.82 feet Height of Fluid Column 2.88 feet
 Total Depth 55.70 feet Volume in Well 0.489 gallons

(3 Well Volumes = 1.46 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 13:55 3-8-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
14:10	.50	.50	22.1	6355	7.66	86	2.92
14:15	.50	1.00	21.7	6396	7.51		
14:20	.50	1.50	21.5	6540	7.43		
14:22	.25	1.75	21.7	6558	7.38		

Actual Purge Volume 4.50 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 14:40 3-8-23 Purged/Sampled By A.N
 Sample Method Bail

Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-09 Date Gauged 3-9-23
 Site DAD's Time Gauged 15:06

Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 56.98 feet Height of Fluid Column 4.28 feet
 Total Depth 61.26 feet Volume in Well 0.727 gallons
 (3 Well Volumes = 2.18 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 15:12 3-9-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
15:19	1	1	23.4	2925	7.82	126	2.19
15:25	1	2	23.3	3023	7.61		
15:33	.50	2.50	22.6	3076	7.44		
15:36	.25	2.75	22.5	3083	7.39		

Actual Purge Volume 4.50 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 15:58 3-9-23 Purged/Sampled By A.N
 Sample Method Bail
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-10 Date Gauged 3-10-23
 Site DAD's Time Gauged 15:08

Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 83.41 feet Height of Fluid Column 10.39 feet
 Total Depth 93.80 feet Volume in Well 1.766 gallons
 (3 Well Volumes = 5.29 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 15:16 3-10-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
15:31	2	2	21.5	2197	7.62	234	1.61
15:46	2	4	21.1	2177	7.55		
15:52	2	6	21.0	2165	7.37		

Actual Purge Volume 8 gals Field Measurements stabilized within ± 10% Y

Time/Date Sampled 16:15 3-10-23 Purged/Sampled By AN

Sample Method Bail

Requested Analyses _____

Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-11 Date Gauged 3-3-23
 Site DAD'S Time Gauged 9:25

Depth to PSH _____ feet Well Diameter 4 inches
 Depth to Water 24.00 feet Height of Fluid Column 23.50 feet
 Total Depth 47.50 feet Volume in Well 15.51 gallons
 (3 Well Volumes = 46.53 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 9:30 3-3-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
9:58	16	16	18.9	4552	7.00	134	2.72
10:25	16	32	19.4	4632	7.13		
10:50	15	47	19.6	4619	7.22		

Actual Purge Volume 52 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 11:15 3-3-23 Purged/Sampled By A.N
 Sample Method Bail
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-12 Date Gauged 3-2-23
 Site DAD'S Time Gauged 12:56

Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 52.25 feet Height of Fluid Column 29.95 feet
 Total Depth 82.20 feet Volume in Well 5.091 gallons
 (3 Well Volumes = 15.27 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 13:04 3-2-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
13:21	5	5	19.1	4890	7.33	179	2.90
13:38	5	10	19.6	4757	7.28		
14:00	5.50	15.50	19.5	4711	7.24		

Actual Purge Volume 21 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 14:27 3-2-23 Purged/Sampled By A.N
 Sample Method Bail
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-13 Date Gauged 3-2-23
 Site DAD'S Time Gauged 11:18
 Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 87.58 feet Height of Fluid Column 5.17 feet
 Total Depth 92.75 feet Volume in Well 0.878 gallons
 (3 Well Volumes = 2.63 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 11:23 3-2-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
11:35	1	1	21.1	3552	7.36	131	2.72
11:46	1	2	21.3	3493	7.30		
11:58	1	3	21.8	3684	7.22		

Actual Purge Volume 5 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 12:20 3-2-23 Purged/Sampled By A.N
 Sample Method Bail
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-14 Date Gauged 3-2-23
 Site DAD'S Time Gauged 14:48

Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 31.55 feet Height of Fluid Column 11.0 feet
 Total Depth 42.55 feet Volume in Well 1.87 gallons
 (3 Well Volumes = 5.61 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 14:54 3-2-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
15:01	2	2	19.5	5346	7.54	207	2.72
15:09	2	4	20.1	5440	7.43		
15:18	2	6	19.6	5563	7.31		
15:20	.25	6.25	19.7	5574	7.29		

Actual Purge Volume 8 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 15:50 3-2-23 Purged/Sampled By A.N
 Sample Method Bail
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-15 Date Gauged 3-6-23
 Site DAD's Time Gauged 9:50

Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 96.76 feet Height of Fluid Column 13.14 feet
 Total Depth 109.90 feet Volume in Well 2.233 gallons
 (3 Well Volumes = 6.70 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 9:56 3-6-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
10:18	2	2	23.8	3754	7.38	128	2.86
10:35	2	4	24.0	3766	7.30		
10:52	3	7	24.1	3838	7.22		

Actual Purge Volume 11 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 11:20 3-6-23 Purged/Sampled By A.W.
 Sample Method Bail
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-16 Date Gauged 3-6-23
 Site DAD's Time Gauged 14:22

Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 19.82 feet Height of Fluid Column 12.93 feet
 Total Depth 32.75 feet Volume in Well 2.198 gallons
 (3 Well Volumes = 6.59 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 14:26 3-6-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
14:38	2	2	20.0	2957	7.64	208	2.22
14:47	2	4	19.1	2981	7.52		
15:05	3	7	19.3	2974	7.38		
15:09	25	7.25	19.2	2970	7.34		

Actual Purge Volume 71 gals Field Measurements stabilized within ± 10% Y

Time/Date Sampled 15:25 3-6-23 Purged/Sampled By A.N

Sample Method Bail

Requested Analyses _____

Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-17 Date Gauged 3-8-23
 Site DAD's Time Gauged 8:58

Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 20.77 feet Height of Fluid Column 18.08 feet
 Total Depth 38.85 feet Volume in Well 3.073 gallons
 (3 Well Volumes = 9.22 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 9:06 3-8-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
9:21	3	3	19.2	1470	7.13	137	1.06
9:37	3	6	19.6	1489	7.09		
9:51	4	10	19.7	1512	7.15		
9:53	.25	10.25	19.8	1513	7.19		

Actual Purge Volume 13 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 10:12 3-8-23 Purged/Sampled By A.N
 Sample Method Bail
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-18 Date Gauged 3-8-23
 Site DAD's Time Gauged 12:20

Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 23.90 feet Height of Fluid Column 33.28 feet
 Total Depth 57.8 feet Volume in Well 5.657 gallons
 (3 Well Volumes = 16.97 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 12:26 3-8-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
12:40	5	5	19.3	4168	7.44	93	2.30
12:57	5	10	18.6	4215	7.32		
13:14	7	17	18.4	4197	7.27		

Actual Purge Volume 22 gals Field Measurements stabilized within ± 10% Y

Time/Date Sampled 13:35 3-08-23 Purged/Sampled By A.N

Sample Method Bail

Requested Analyses _____

Comments/Observations _____

Well Casing Volumes

2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 ga/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-19 Date Gauged 3-7-23
 Site DAD'S Time Gauged 13:30

Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 65.37 feet Height of Fluid Column 33.98 feet
 Total Depth 99.35 feet Volume in Well 5.776 gallons
 (3 Well Volumes = 17.32 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 13:37 3-7-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
13:56	6	6	22.6	4684	7.50	151	2.65
14:22	6	12	22.3	4720	7.38		
14:42	6	18	22.1	4750	7.31		
14:44	.25	18.25	22.0	4752	7.26		

Actual Purge Volume 23 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 15:00 3-7-23 Purged/Sampled By A.N
 Sample Method Bail
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-20 Date Gauged 3-10-23
 Site DAD's Time Gauged 13:38

Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 57.02 feet Height of Fluid Column 11.86 feet
 Total Depth 68.88 feet Volume in Well 2.016 gallons
 (3 Well Volumes = 6.04 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 13:45 3-10-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
14:00	2	2	22.7	4083	7.35	146	1.39
14:13	2	4	21.8	3591	7.32		
14:30	2.25	6.25	22.3	3620	7.25		

Actual Purge Volume 9 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 14:50 3-10-23 Purged/Sampled By A.N
 Sample Method Bail
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-21
 Site DAD's

Date Gauged 3-9-23
 Time Gauged 13:28

Depth to PSH _____ feet
 Depth to Water 58.00 feet
 Total Depth 66.50 feet

Well Diameter 2 inches
 Height of Fluid Column 8.50 feet
 Volume in Well 1.445 gallons
 (3 Well Volumes = 4.33 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 13:35 3-9-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
13:52	2	2	22.6	3287	7.65	105	2.48
14:13	2	4	22.1	3465	7.52		
14:30	1	5	22.2	3787	7.30		

Actual Purge Volume 7.5 gals

Field Measurements stabilized within ± 10% Y

Time/Date Sampled 14:55 3-9-23

Purged/Sampled By A.N

Sample Method Bail

Requested Analyses _____

Comments/Observations _____

Well Casing Volumes

2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 ga/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-22 Date Gauged 3-9-23
 Site DAD's Time Gauged 16:06

Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 47.01 feet Height of Fluid Column 3.05 feet
 Total Depth 50.06 feet Volume in Well 0.518 gallons
 (3 Well Volumes = 1.55 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 16:11 3-9-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
16:20	.50	.50	24.1	3666	7.81	168	2.80
16:25	.50	1	23.4	3704	7.69		
16:32	.75	1.75	23.3	3690	7.62		

Actual Purge Volume 3.5 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 16:40 3-9-23 Purged/Sampled By Ain
 Sample Method Bail
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-23 Date Gauged 3-3-23
 Site DAD's Time Gauged 11:34

Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 45.86 feet Height of Fluid Column 11.87 feet
 Total Depth 57.73 feet Volume in Well 2.017 gallons
 (3 Well Volumes = 6.05 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 11:40 3-3-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
11:55	2	2	21.1	2346	7.44	151	1.74
12:15	2	4	20.5	3022	7.29		
12:41	2.25	6.25	21.0	3105	7.24		

Actual Purge Volume 8 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 13:05 3-3-23 Purged/Sampled By A.W
 Sample Method Bail
 Requested Analyses _____
 Comments/Observations After 5 gals, had low water flow.

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-24 Date Gauged 3-7-23
 Site DAD'S Time Gauged 10:55

Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 66.78 feet Height of Fluid Column 63.77 feet
 Total Depth 130.55 feet Volume in Well 10.840 gallons
 (3 Well Volumes = 32.52 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 11:00 3-7-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
11:35	10	10	22.3	3786	7.24	130	2.87
12:05	10	20	22.8	4233	7.16		
12:50	13	33	22.9	4255	7.25		

Actual Purge Volume 36 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 13:20 3-7-23 Purged/Sampled By A.N
 Sample Method Bail
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 ga/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-25 Date Gauged 3-9-23
 Site DAD's Time Gauged 9:20

Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 67.30 feet Height of Fluid Column 9.90 feet
 Total Depth 77.20 feet Volume in Well 1.683 gallons
 (3 Well Volumes = 5.04 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 9:26 3-9-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
9:37	1	1	21.6	2923	7.49	133	2.21
9:58	2	3	22.1	3039	7.33		
10:25	2.25	5.25	22.2	3051	7.23		

Actual Purge Volume 7.5 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 10:51 3-9-23 Purged/Sampled By A.N
 Sample Method Bail
 Requested Analyses _____
 Comments/Observations low water flow after 3 gals.

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-26 Date Gauged 3-10-23
 Site DAD'S Time Gauged 11:20

Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 49.71 feet Height of Fluid Column 12.89 feet
 Total Depth 62.60 feet Volume in Well 2.191 gallons
 (3 Well Volumes = 6.57 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 11:26 3-10-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
11:43	2	2	23.0	3531	7.17	140	2.70
11:55	2	4	22.9	3453	7.19		
12:15	3	7	22.6	3440	7.25		

Actual Purge Volume 10 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 12:44 3-10-23 Purged/Sampled By A.N
 Sample Method Bail
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-27 Date Gauged 3-10-23
 Site DAD'S Time Gauged 9:48

Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 27.07 feet Height of Fluid Column 10.58 feet
 Total Depth 37.65 feet Volume in Well 1.798 gallons

(3 Well Volumes = 5.39 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 9:54 3-10-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
10:07	2	2	21.3	2842	7.06	141	2.15
10:19	2	4	21.6	2826	7.03		
10:32	2	6	21.4	2818	7.18		

Actual Purge Volume 9 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 10:53 3-10-23 Purged/Sampled By A.N
 Sample Method Bail
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

Chain-of-Custody Record

Client: EA Engineering, Science, and Technology
 Mailing Address: 320 Gold Ave SW Suite
 Phone #: 505-715-4279
 email or Fax#: rmullen@eaest.com
 QA/QC Package:
 Standard Level 4 (Full Validation)

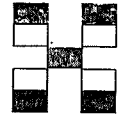
Accreditation: Az Compliance
 NELAC Other _____
 EDD (Type) _____

Turn-Around Time:
 Standard Rush
 Project Name: Buena Vista Dairy II
 Project #:

Project Manager: Gina Mullen
 Sampler: Angel Nieto Rivera
 On Ice: Yes No
 # of Coolers:

Cooler Temp (including CF):

Container Type and #	Preservative Type	HEAL No.
----------------------	-------------------	----------



HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	Nitrate/Nitrites EPA Method 300	TKN SM 4500 NORG C	Chloride EPA 300	TDS SM 2540 C MOD	Sulfate EPA 300	Phosphorus EPA 6010B	Total Sulfur						
2-17	12:51	GW	74-03	2			X	X	X	X									
2-17	14:36	GW	74-02	2			X	X	X	X									
2-17	16:38	GW	74-01	2			X	X	X	X									

Date: 2-17	Time: 17:35	Relinquished by: <i>Oliver Hill</i>	Received by: _____	Via: _____	Date: _____	Time: _____	Remarks:
Date:	Time:	Relinquished by:	Received by:	Via:	Date:	Time:	

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

NELAC Other _____

EDD (Type) _____

Turn-Around Time:
 Standard Rush

Project Name:
Buena Vista Dairy 2

Project #:

Project Manager:
Gina Mullen

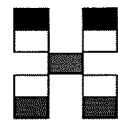
Sampler: Angel N. Rivera

On Ice: Yes No

of Coolers:

Cooler Temp (including CF):

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
2-21	10:52	GW	7404	2		
2-21	12:55	GW	74-05	2		



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Nitrate/Nitrites EPA Method 300.	TKN SM 4500 NORG C	Chloride EPA 300	TDS SM 2540 C MOD	Sulfate EPA 300	Phosphorus EPA 6010B	Total Sulfur										
X	X	X	X													
X	X	X	X													

Date: 2-21 Time: 17:51 Relinquished by: *Chad NA*

Date: Time: Relinquished by:

Received by: Via: Date Time

Received by: Via: Date Time

Remarks:

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

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 74-01 Date Gauged 2-17-23
 Site Buena Vista II Time Gauged 14:52

Depth to PSH _____ feet Well Diameter 4 inches
 Depth to Water 38.23 feet Height of Fluid Column 7.02 feet
 Total Depth 45.25 feet Volume in Well 4.633 gallons
 (3 Well Volumes = 13.89 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 14:57 2-17-23 Purged Method Pump

Time	Purge-Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
15:18	4	4	20.6	4664	7.58	141	2.02
15:36	4	8	21.0	4653	7.49		
16:01	6	14	20.8	4630	7.38		

Actual Purge Volume 18 gals Field Measurements stabilized within ± 10% Y

Time/Date Sampled 16:38 2-17-23 Purged/Sampled By A.N

Sample Method Pump

Requested Analyses _____

Comments/Observations _____

Well Casing Volumes

2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 74-02 Date Gauged 2-17-23
 Site Buen Vista II Time Gauged 13:42
 Depth to PSH _____ feet Well Diameter 4 inches
 Depth to Water 18.35 feet Height of Fluid Column 1.98 feet
 Total Depth 20.33 feet Volume in Well 1.306 gallons
 (3 Well Volumes = 3.92 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 13:47 2-17-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
13:58	1	1	19.5	3757	7.57	145	2.90
14:06	1	2	20.3	3864	7.48		
14:20	2	4	20.2	3886	7.35		

Actual Purge Volume 7 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 14:36 2-17-23 Purged/Sampled By A.W.
 Sample Method Bail
 Requested Analyses _____
 Comments/Observations _____

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 74-03 Date Gauged 2-17-23
 Site Buena Vista II Time Gauged 11:35
 Depth to PSH _____ feet Well Diameter 4 inches
 Depth to Water 18.40 feet Height of Fluid Column 1.89 feet
 Total Depth 20.29 feet Volume in Well 1.247 gallons
 (3 Well Volumes = 3.74 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 11:41 2-17-23 Purged Method Bail

Time	Purge-Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
11:57	1	1	19.6	2731	7.66	163	2.10
12:13	1	2	20.7	2612	7.54		
12:35	2	4	20.1	2669	7.32		
12:37	.25	4.25	20.2	2660	7.30		

Actual Purge Volume 6.5 gals Field Measurements stabilized within ± 10% Y

Time/Date Sampled 12:51 2-17-23 Purged/Sampled By A.W.

Sample Method Bail

Requested Analyses _____

Comments/Observations _____

Well Casing Volumes

2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 ga/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 74-04 Date Gauged 2-21-23
 Site Buena Vista II Time Gauged 9:28
 Depth to PSH _____ feet Well Diameter 4 inches
 Depth to Water 50.16 feet Height of Fluid Column 7.75 feet
 Total Depth 57.91 feet Volume in Well 5.115 gallons
 (3 Well Volumes = 15.34 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 9:35 2-21-23 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
9:51	5	5	21.5	3586	7.37	154	2.77
10:03	5	10	21.7	3562	7.29		
10:19	6	16	21.8	3570	7.23		

Actual Purge Volume 21 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 10:52 2-21-23 Purged/Sampled By A.N
 Sample Method Pump
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 74-05 Date Gauged 2-21-23
 Site Buena Vista II Time Gauged 11:35
 Depth to PSH _____ feet Well Diameter 4 inches
 Depth to Water 42.77 feet Height of Fluid Column 14.38 feet
 Total Depth 57.15 feet Volume in Well 9.490 gallons
 (3 Well Volumes = 28.47 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 11:42 2-21-23 Purged Method Pump

Time	Purge-Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
11:59	10	10	20.5	3555	7.54	177	2.71
12:20	10	20	21.5	3567	7.42		
12:43	10	30	21.9	3541	7.30		
12:45	.25	30.25	21.8	3537	7.28		

Actual Purge Volume 36 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 12:55 2-21-23 Purged/Sampled By A.N
 Sample Method Pump
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

Chain-of-Custody Record

Client: _____

EA Engineering, Science, and Technology

Mailing Address:

320 Gold Ave SW Suite

Phone #: 505-715-4279

email or Fax#: rmullen@eaest.com

QA/QC Package:

Standard Level 4 (Full Validation)

Accreditation: Az Compliance

NELAC Other _____

EDD (Type) _____

Turn-Around Time:
 Standard Rush _____

Project Name:
 Dona Ana Dairies (DAD's)

Project #:

Project Manager:
 Gina Mullen

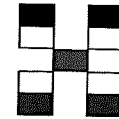
Sampler: Angel N. Rivera

On Ice: Yes No

of Coolers:

Cooler Temp (including CF):

Container Type and #	Preservative Type	HEAL No.
----------------------	-------------------	----------



HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	Nitrate/Nitrites EPA Method 300.	TKN SM 4500 NORG C	Chloride EPA 300	TDS SM 2540 C MOD	Sulfate EPA 300	Phosphorus EPA 6010B	Total Sulfur																						
3-2	10:40	GW	DAD-01	2			X	X	X	X																									
3-2	12:20	GW	DAD-13	2			X	X	X	X																									
3-2	14:27	GW	DAD-12	2			X	X	X	X																									
3-2	15:50	GW	DAD-14	2			X	X	X	X																									
Date:	Time:	Relinquished by:		Received by:		Via:	Date	Time	Remarks:																										
3-2	17:45	<i>[Signature]</i>																																	
Date:	Time:	Relinquished by:		Received by:		Via:	Date	Time																											

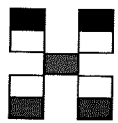
If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Chain-of-Custody Record

Client: EA Engineering, Science, and Technology
 Mailing Address: 320 Gold Ave SW Suite
 Phone #: 505-715-4279
 email or Fax#: rmullen@eaest.com
 QA/QC Package:
 Standard Level 4 (Full Validation)

Accreditation: Az Compliance
 NELAC Other
 EDD (Type)

Turn-Around Time:
 Standard Rush
 Project Name: Dona Ana Dairies (DAD's)
 Project #:
 Project Manager: Gina Mullen
 Sampler: Angel N. Rivera
 On Ice: Yes No
 # of Coolers:
 Cooler Temp (including CF):



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	Analysis Request															
							Nitrate/Nitrites EPA Method 300	TKN SM 4500 NORG C	Chloride EPA 300	TDS SM 2540 C MOD	Sulfate EPA 300	Phosphorus EPA 6010B	Total Sulfur									
3-3	11:15	Gw	DAD-11	2			X	X	X	X												
3-3	13:05	Gw	DAD-23	2			X	X	X	X												
3-3	14:55	Gw	DAD-02	2			X	X	X	X												

Date: 3-3 Time: 16:30 Relinquished by: *Angel N.R.*
 Received by: _____ Via: _____ Date: _____ Time: _____
 Relinquished by: _____ Received by: _____ Via: _____ Date: _____ Time: _____

Remarks:

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

Chain-of-Custody Record

Client: _____

EA Engineering, Science, and Technology
Mailing Address:

320 Gold Ave SW Suite

Phone #: 505-715-4279

email or Fax#: rmullen@eaest.com

QA/QC Package:
 Standard Level 4 (Full Validation)

Accreditation: Az Compliance
 NELAC Other _____
 EDD (Type) _____

Turn-Around Time:

Standard Rush

Project Name:

Dona Ana Dairies (DAD's)

Project #:

Project Manager:

Gina Mullen

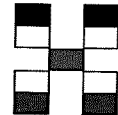
Sampler: Angel N. Rivera

On Ice: Yes No

of Coolers:

Cooler Temp (including CF):

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	Analysis Request														
							Nitrate/Nitrites EPA Method 300.	TKN SM 4500 NORG C	Chloride EPA 300	TDS SM 2540 C MOD	Sulfate EPA 300	Phosphorus EPA 6010B	Total Sulfur								
3-6	11:20	GW	DAD-15	2			X	X	X	X											
3-6	12:53	GW	DAD-03	2			X	X	X	X											
3-6	15:25	GW	DAD-16	2			X	X	X	X											



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Date: 3-6 Time: 16:55 Relinquished by: *[Signature]*

Received by: _____ Via: _____ Date: _____ Time: _____

Date: _____ Time: _____ Relinquished by: _____

Received by: _____ Via: _____ Date: _____ Time: _____

Remarks: _____

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

Chain-of-Custody Record

Client: EA Engineering, Science, and Technology
 Mailing Address: 320 Gold Ave SW Suite
 Phone #: 505-715-4279
 email or Fax#: rmullen@eaest.com
 QA/QC Package:
 Standard Level 4 (Full Validation)

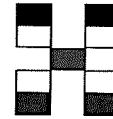
Accreditation: Az Compliance
 NELAC Other _____
 EDD (Type) _____

Turn-Around Time:
 Standard Rush
 Project Name: Dona Ana Dairies (DAD's)
 Project #:

Project Manager: Gina Mullen
 Sampler: Angel N. Rivera
 On Ice: Yes No
 # of Coolers: _____

Cooler Temp (including CF): _____

Container Type and #	Preservative Type	HEAL No.
----------------------	-------------------	----------



HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
3-7	10:45	Gw	DAD-06R	2		
3-7	13:20	Gw	DAD-24	2		
3-7	15:00	Gw	DAD-19	2		

Nitrate/Nitrites EPA Method 300.	TKN SM 4500 NORG C	Chloride EPA 300	TDS SM 2540 C MOD	Sulfate EPA 300	Phosphorus EPA 6010B	Total Sulfur															
X	X	X	X																		
X	X	X	X																		
X	X	X	X																		

Date: 3-7 Time: 17:25 Relinquished by: *Oliver M*
 Received by: _____ Via: _____ Date _____ Time _____

Date: _____ Time: _____ Relinquished by: _____
 Received by: _____ Via: _____ Date _____ Time _____

Remarks:

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

Chain-of-Custody Record

Turn-Around Time:

Standard Rush

Client:

EA Engineering, Science, and Technology

Mailing Address:

320 Gold Ave SW Suite

Phone #: 505-715-4279

email or Fax#: rmullen@eaest.com

QA/QC Package:

Standard Level 4 (Full Validation)

Accreditation: Az Compliance

NELAC Other

EDD (Type)

Project Name:

Dona Ana Dairies (DAD's)

Project #:

Project Manager:

Gina Mullen

Sampler: Angel N. Rivera

On Ice: Yes No

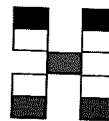
of Coolers:

Cooler Temp (including CF):

Container Type and #

Preservative Type

HEAL No.



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
3-8	10:12	Gw	DAD-17	2		
3-8	11:54	Gw	DAD-05	2		
3-8	13:35	Gw	DAD-18	2		
3-8	14:40	Gw	DAD-08	2		

Nitrate/Nitrites EPA Method 300	TKN SM 4500 NORG C	Chloride EPA 300	TDS SM 2540 C MOD	Sulfate EPA 300	Phosphorus EPA 6010B	Total Sulfur												
X	X	X	X															
X	X	X	X															
X	X	X	X															
X	X	X	X															

Date: 3-8 Time: 16:55 Relinquished by: *Chad*

Received by: _____ Via: _____ Date _____ Time _____

Date: _____ Time: _____ Relinquished by: _____

Received by: _____ Via: _____ Date _____ Time _____

Remarks:

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

Chain-of-Custody Record

Client: _____

EA Engineering, Science, and Technology
Mailing Address:
320 Gold Ave SW Suite
Phone #: 505-715-4279
email or Fax#: rmullen@eaest.com

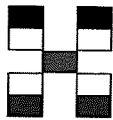
QA/QC Package:
 Standard Level 4 (Full Validation)
Accreditation: Az Compliance
 NELAC Other _____
 EDD (Type) _____

Turn-Around Time:
 Standard Rush

Project Name:
Dona Ana Dairies (DAD's)
Project #:

Project Manager:
Gina Mullen
Sampler: Angel N. Rivera
On Ice: Yes No
of Coolers:
Cooler Temp (including CF):

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
3-9	10:51	Gw	DAD-25	2		
3-9	12:46	Gw	DAD-07	2		
3-9	14:55	Gw	DAD-21	2		
3-9	15:58	Gw	DAD-09	2		
3-9	16:40	Gw	DAD-22	2		



HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Analysis Request

Nitrate/Nitrites EPA Method 300.	TKN SM 4500 NORGC	Chloride EPA 300	TDS SM 2540 C MOD	Sulfate EPA 300	Phosphorus EPA 6010B	Total Sulfur																																			
X	X	X	X																																						
X	X	X	X																																						
X	X	X	X																																						
X	X	X	X																																						
X	X	X	X																																						

Date: 3-9 Time: 17:52 Relinquished by: *[Signature]*

Date: _____ Time: _____ Relinquished by: _____

Received by: _____ Via: _____ Date: _____ Time: _____

Received by: _____ Via: _____ Date: _____ Time: _____

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly noted 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 NELAC Other _____

EDD (Type) _____

Turn-Around Time:
 Standard Rush

Project Name:
 Dona Ana Dairies (DAD's)

Project #:

Project Manager:
 Gina Mullen

Sampler: Angel N. Rivera

On Ice: Yes No

of Coolers:

Cooler Temp (including CF):

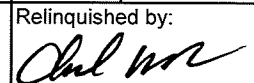
Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
3-10	10:53	GW	DAD-27	2		
3-10	12:44	GW	DAD-26	2		
3-10	14:50	GW	DAD-20	2		
3-10	16:15	GW	DAD-10	2		



HALL ENVIRONMENTAL ANALYSIS LABORATORY
 www.hallenvironmental.com
 4901 Hawkins NE - Albuquerque, NM 87109
 Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Nitrate/Nitrites EPA Method 300	TKN SM 4500 NORG C	Chloride EPA 300	TDS SM 2540 C MOD	Sulfate EPA 300	Phosphorus EPA 6010B	Total Sulfur															
X	X	X	X																		
X	X	X	X																		
X	X	X	X																		
X	X	X	X																		

Date: 3-10 Time: 17:40 Relinquished by: 

Received by: _____ Via: _____ Date: _____ Time: _____

Date: _____ Time: _____ Relinquished by: _____

Received by: _____ Via: _____ Date: _____ Time: _____

Remarks:

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

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-01 Date Gauged 3-2-23
 Site DAD'S Time Gauged 10:05

Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 74.05 feet Height of Fluid Column 2.30 feet
 Total Depth 76.35 feet Volume in Well 0.391 gallons

(3 Well Volumes = 1.17 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 10:10 3-2-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
10:15	.50	.50	22.0	2477	7.13	132	1.85
10:18	.50	1	22.3	2609	7.09		
10:23	.50	1.50	20.9	3215	7.20		

Actual Purge Volume 3 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 10:40 3-2-23 Purged/Sampled By AJN
 Sample Method Bail
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-02 Date Gauged 3-3-23
 Site DAD's Time Gauged 13:50

Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 67.86 feet Height of Fluid Column 0.37 feet
 Total Depth 68.23 feet Volume in Well 0.062 gallons
 (3 Well Volumes = 0.18 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 13:55 3-3-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
14:05	.25	.25	22.0	2484	7.51	141	1.84
14:15	.25	.50	22.6	2447	7.42		
14:20	.25	.75	23.3	2413	7.31		

Actual Purge Volume 1.50 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 14:55 3-3-23 Purged/Sampled By A.N
 Sample Method Bail
 Requested Analyses _____
 Comments/Observations low water flow.

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-03 Date Gauged 3-6-23
 Site DAD'S Time Gauged 11:55

Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 15.20 feet Height of Fluid Column 3.70 feet
 Total Depth 18.90 feet Volume in Well 0.629 gallons
 (3 Well Volumes = 1.88 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 12:00 3-6-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
12:15	.50	.50	21.3	2659	7.47	134	1.99
12:21	.50	1	21.2	2644	7.41		
12:31	1	2	21.1	2697	7.36		
12:35	.25	2.25	21.3	2693	7.34		

Actual Purge Volume 5 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 12:53 3-6-23 Purged/Sampled By A.N
 Sample Method Bail
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-04 Date Gauged 3-6-23
 Site DAD'S Time Gauged 13:30

Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water Dry feet Height of Fluid Column _____ feet
 Total Depth 18.65 feet Volume in Well _____ gallons

(3 Well Volumes = _____ gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 0 0 Purged Method 0

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)

Actual Purge Volume 0 gals Field Measurements stabilized within ± 10% 0
 Time/Date Sampled 0 0 Purged/Sampled By 0
 Sample Method 0
 Requested Analyses _____
 Comments/Observations Dry well.

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-05 Date Gauged 3-8-23
 Site DAD'S Time Gauged 10:55

Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 16.71 feet Height of Fluid Column 6.34 feet
 Total Depth 23.05 feet Volume in Well 1.077 gallons
 (3 Well Volumes = 3.23 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 11:00 3-8-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
11:10	1	1	19.1	1283	7.27	100	1.05
11:21	1	2	18.7	1259	7.38		
11:36	1.50	3.50	18.4	1351	7.29		

Actual Purge Volume 6 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 11:54 3-8-23 Purged/Sampled By A.N
 Sample Method Bail
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-06R Date Gauged 3-7-23
 Site DAD's Time Gauged 9:10

Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 85.50 feet Height of Fluid Column 16.60 feet
 Total Depth 102.10 feet Volume in Well 2.822 gallons
 (3 Well Volumes = 8.46 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 9:18 3-7-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
9:38	3	3	23.1	1144	7.45	131	1.10
9:58	3	6	23.6	1036	7.32		
10:19	3	9	23.2	1052	7.26		

Actual Purge Volume 12 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 10:45 3-7-23 Purged/Sampled By A.N
 Sample Method Bail
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-07

Date Gauged 3-9-23

Site DAD's

Time Gauged 11:20

Depth to PSH _____ feet

Well Diameter 2 inches

Depth to Water 98.05 feet

Height of Fluid Column 7.60 feet

Total Depth 100.65 feet

Volume in Well 1.292 gallons

(3 Well Volumes = 3.87 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 11:28 3-9-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
11:41	1	1	24.5	2946	7.48	123	2.19
11:53	1	2	24.3	3154	7.34		
12:16	2	4	24.2	3312	7.27		

Actual Purge Volume 6 gals

Field Measurements stabilized within ± 10% Y

Time/Date Sampled 12:46 3-9-23

Purged/Sampled By A.N

Sample Method Bail

Requested Analyses _____

Comments/Observations _____

Well Casing Volumes

2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-08 Date Gauged 3-8-23
 Site DAD's Time Gauged 13:50

Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 52.82 feet Height of Fluid Column 2.88 feet
 Total Depth 55.70 feet Volume in Well 0.489 gallons

(3 Well Volumes = 1.46 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 13:55 3-8-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
14:10	.50	.50	22.1	6355	7.66	86	2.92
14:15	.50	1.00	21.7	6396	7.51		
14:20	.50	1.50	21.5	6540	7.43		
14:22	.25	1.75	21.7	6558	7.38		

Actual Purge Volume 4.50 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 14:40 3-8-23 Purged/Sampled By A.N
 Sample Method Bail

Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-09 Date Gauged 3-9-23
 Site DAD's Time Gauged 15:06

Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 56.98 feet Height of Fluid Column 4.28 feet
 Total Depth 61.26 feet Volume in Well 0.727 gallons
 (3 Well Volumes = 2.18 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 15:12 3-9-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
15:19	1	1	23.4	2925	7.82	126	2.19
15:25	1	2	23.3	3023	7.61		
15:33	.50	2.50	22.6	3076	7.44		
15:36	.25	2.75	22.5	3083	7.39		

Actual Purge Volume 4.50 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 15:58 3-9-23 Purged/Sampled By A.N
 Sample Method Bail
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes

2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-10 Date Gauged 3-10-23
 Site DAD's Time Gauged 15:08

Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 83.41 feet Height of Fluid Column 10.39 feet
 Total Depth 93.80 feet Volume in Well 1.766 gallons
 (3 Well Volumes = 5.29 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 15:16 3-10-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
15:31	2	2	21.5	2197	7.62	234	1.61
15:46	2	4	21.1	2177	7.55		
15:52	2	6	21.0	2165	7.37		

Actual Purge Volume 8 gals Field Measurements stabilized within ± 10% Y

Time/Date Sampled 16:15 3-10-23 Purged/Sampled By AN

Sample Method Bail

Requested Analyses _____

Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-11 Date Gauged 3-3-23
 Site DAD'S Time Gauged 9:25

Depth to PSH _____ feet Well Diameter 4 inches
 Depth to Water 24.00 feet Height of Fluid Column 23.50 feet
 Total Depth 47.50 feet Volume in Well 15.51 gallons
 (3 Well Volumes = 46.53 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 9:30 3-3-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
<u>9:58</u>	<u>16</u>	<u>16</u>	<u>18.9</u>	<u>4552</u>	<u>7.00</u>	<u>134</u>	<u>2.72</u>
<u>10:25</u>	<u>16</u>	<u>32</u>	<u>19.4</u>	<u>4632</u>	<u>7.13</u>		
<u>10:50</u>	<u>15</u>	<u>47</u>	<u>19.6</u>	<u>4619</u>	<u>7.22</u>		

Actual Purge Volume 52 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 11:15 3-3-23 Purged/Sampled By A.N
 Sample Method Bail
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-12 Date Gauged 3-2-23
 Site DAD'S Time Gauged 12:56

Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 52.25 feet Height of Fluid Column 29.95 feet
 Total Depth 82.20 feet Volume in Well 5.091 gallons
 (3 Well Volumes = 15.27 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 13:04 3-2-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
13:21	5	5	19.1	4890	7.33	179	2.90
13:38	5	10	19.6	4757	7.28		
14:00	5.50	15.50	19.5	4711	7.24		

Actual Purge Volume 21 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 14:27 3-2-23 Purged/Sampled By A.N
 Sample Method Bail
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-13 Date Gauged 3-2-23
 Site DAD'S Time Gauged 11:18
 Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 87.58 feet Height of Fluid Column 5.17 feet
 Total Depth 92.75 feet Volume in Well 0.878 gallons
 (3 Well Volumes = 2.63 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 11:23 3-2-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
11:35	1	1	21.1	3552	7.36	131	2.72
11:46	1	2	21.3	3493	7.30		
11:58	1	3	21.8	3684	7.22		

Actual Purge Volume 5 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 12:20 3-2-23 Purged/Sampled By A.N
 Sample Method Bail
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-14 Date Gauged 3-2-23
 Site DAD'S Time Gauged 14:48

Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 31.55 feet Height of Fluid Column 11.0 feet
 Total Depth 42.55 feet Volume in Well 1.87 gallons
 (3 Well Volumes = 5.61 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 14:54 3-2-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
15:01	2	2	19.5	5346	7.54	207	2.72
15:09	2	4	20.1	5440	7.43		
15:18	2	6	19.6	5563	7.31		
15:20	.25	6.25	19.7	5574	7.29		

Actual Purge Volume 8 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 15:50 3-2-23 Purged/Sampled By A.N
 Sample Method Bail
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-15 Date Gauged 3-6-23
 Site DAD's Time Gauged 9:50

Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 96.76 feet Height of Fluid Column 13.14 feet
 Total Depth 109.90 feet Volume in Well 2.233 gallons
 (3 Well Volumes = 6.70 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 9:56 3-6-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
10:18	2	2	23.8	3754	7.38	128	2.86
10:35	2	4	24.0	3766	7.30		
10:52	3	7	24.1	3838	7.22		

Actual Purge Volume 11 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 11:20 3-6-23 Purged/Sampled By A.W
 Sample Method Bail
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-16 Date Gauged 3-6-23
 Site DAD's Time Gauged 14:22

Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 19.82 feet Height of Fluid Column 12.93 feet
 Total Depth 32.75 feet Volume in Well 2.198 gallons
 (3 Well Volumes = 6.59 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 14:26 3-6-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
14:38	2	2	20.0	2957	7.64	208	2.22
14:47	2	4	19.1	2981	7.52		
15:05	3	7	19.3	2974	7.38		
15:09	25	7.25	19.2	2970	7.34		

Actual Purge Volume 71 gals Field Measurements stabilized within ± 10% Y

Time/Date Sampled 15:25 3-6-23 Purged/Sampled By A.N

Sample Method Bail

Requested Analyses _____

Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-17 Date Gauged 3-8-23
 Site DAD's Time Gauged 8:58

Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 20.77 feet Height of Fluid Column 18.08 feet
 Total Depth 38.85 feet Volume in Well 3.073 gallons
 (3 Well Volumes = 9.22 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 9:06 3-8-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
9:21	3	3	19.2	1470	7.13	137	1.06
9:37	3	6	19.6	1489	7.09		
9:51	4	10	19.7	1512	7.15		
9:53	.25	10.25	19.8	1513	7.19		

Actual Purge Volume 13 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 10:12 3-8-23 Purged/Sampled By A.N
 Sample Method Bail
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-18 Date Gauged 3-8-23
 Site DAD's Time Gauged 12:20

Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 23.90 feet Height of Fluid Column 33.28 feet
 Total Depth 57.8 feet Volume in Well 5.657 gallons
 (3 Well Volumes = 16.97 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 12:26 3-8-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
12:40	5	5	19.3	4168	7.44	93	2.30
12:57	5	10	18.6	4215	7.32		
13:14	7	17	18.4	4197	7.27		

Actual Purge Volume 22 gals Field Measurements stabilized within ± 10% Y

Time/Date Sampled 13:35 3-08-23 Purged/Sampled By A.N

Sample Method Bail

Requested Analyses _____

Comments/Observations _____

Well Casing Volumes

2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 ga/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-19 Date Gauged 3-7-23
 Site DAD'S Time Gauged 13:30

Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 65.37 feet Height of Fluid Column 33.98 feet
 Total Depth 99.35 feet Volume in Well 5.776 gallons
 (3 Well Volumes = 17.32 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 13:37 3-7-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
13:56	6	6	22.6	4684	7.50	151	2.65
14:22	6	12	22.3	4720	7.38		
14:42	6	18	22.1	4750	7.31		
14:44	.25	18.25	22.0	4752	7.26		

Actual Purge Volume 23 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 15:00 3-7-23 Purged/Sampled By A.N
 Sample Method Bail
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 ga/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-20 Date Gauged 3-10-23
 Site DAD's Time Gauged 13:38

Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 57.02 feet Height of Fluid Column 11.86 feet
 Total Depth 68.88 feet Volume in Well 2.016 gallons
 (3 Well Volumes = 6.04 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 13:45 3-10-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
14:00	2	2	22.7	4083	7.35	146	1.39
14:13	2	4	21.8	3591	7.32		
14:30	2.25	6.25	22.3	3620	7.25		

Actual Purge Volume 9 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 14:50 3-10-23 Purged/Sampled By A.N
 Sample Method Bail
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-21
 Site DAD's

Date Gauged 3-9-23
 Time Gauged 13:28

Depth to PSH _____ feet
 Depth to Water 58.00 feet
 Total Depth 66.50 feet

Well Diameter 2 inches
 Height of Fluid Column 8.50 feet
 Volume in Well 1.445 gallons

(3 Well Volumes = 4.33 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 13:35 3-9-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
13:52	2	2	22.6	3287	7.65	105	2.48
14:13	2	4	22.1	3465	7.52		
14:30	1	5	22.2	3787	7.30		

Actual Purge Volume 7.5 gals

Field Measurements stabilized within ± 10% Y

Time/Date Sampled 14:55 3-9-23

Purged/Sampled By A.N

Sample Method Bail

Requested Analyses _____

Comments/Observations _____

Well Casing Volumes

2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 ga/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-22 Date Gauged 3-9-23
 Site DAD's Time Gauged 16:06

Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 47.01 feet Height of Fluid Column 3.05 feet
 Total Depth 50.06 feet Volume in Well 0.518 gallons
 (3 Well Volumes = 1.55 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 16:11 3-9-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
16:20	.50	.50	24.1	3666	7.81	168	2.80
16:25	.50	1	23.4	3704	7.69		
16:32	.75	1.75	23.3	3690	7.62		

Actual Purge Volume 3.5 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 16:40 3-9-23 Purged/Sampled By Ain
 Sample Method Bail
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-23 Date Gauged 3-3-23
 Site DAD's Time Gauged 11:34
 Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 45.86 feet Height of Fluid Column 11.87 feet
 Total Depth 57.73 feet Volume in Well 2.017 gallons
 (3 Well Volumes = 6.05 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 11:40 3-3-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
11:55	2	2	21.1	2346	7.44	151	1.74
12:15	2	4	20.5	3022	7.29		
12:41	2.25	6.25	21.0	3105	7.24		

Actual Purge Volume 8 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 13:05 3-3-23 Purged/Sampled By A.W
 Sample Method Bail
 Requested Analyses _____
 Comments/Observations After 5 gals, had low water flow.

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-24 Date Gauged 3-7-23
 Site DAD'S Time Gauged 10:55

Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 66.78 feet Height of Fluid Column 63.77 feet
 Total Depth 130.55 feet Volume in Well 10.840 gallons
 (3 Well Volumes = 32.52 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 11:00 3-7-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
11:35	10	10	22.3	3786	7.24	130	2.87
12:05	10	20	22.8	4233	7.16		
12:50	13	33	22.9	4255	7.25		

Actual Purge Volume 36 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 13:20 3-7-23 Purged/Sampled By A.N
 Sample Method Bail
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 ga/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-25 Date Gauged 3-9-23
 Site DAD's Time Gauged 9:20

Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 67.30 feet Height of Fluid Column 9.90 feet
 Total Depth 77.20 feet Volume in Well 1.683 gallons
 (3 Well Volumes = 5.04 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 9:26 3-9-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
9:37	1	1	21.6	2923	7.49	133	2.21
9:58	2	3	22.1	3039	7.33		
10:25	2.25	5.25	22.2	3051	7.23		

Actual Purge Volume 7.5 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 10:51 3-9-23 Purged/Sampled By A.N
 Sample Method Bail
 Requested Analyses _____
 Comments/Observations low water flow after 3 gals.

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-26 Date Gauged 3-10-23
 Site DAD'S Time Gauged 11:20

Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 49.71 feet Height of Fluid Column 12.89 feet
 Total Depth 62.60 feet Volume in Well 2.191 gallons
 (3 Well Volumes = 6.57 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 11:26 3-10-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
11:43	2	2	23.0	3531	7.17	140	2.70
11:55	2	4	22.9	3453	7.19		
12:15	3	7	22.6	3440	7.25		

Actual Purge Volume 10 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 12:44 3-10-23 Purged/Sampled By A.N
 Sample Method Bail
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-27 Date Gauged 3-10-23
 Site DAD'S Time Gauged 9:48

Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 27.07 feet Height of Fluid Column 10.58 feet
 Total Depth 37.65 feet Volume in Well 1.798 gallons

(3 Well Volumes = 5.39 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 9:54 3-10-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
10:07	2	2	21.3	2842	7.06	141	2.15
10:19	2	4	21.6	2826	7.03		
10:32	2	6	21.4	2818	7.18		

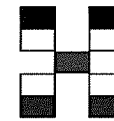
Actual Purge Volume 9 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 10:53 3-10-23 Purged/Sampled By A.N
 Sample Method Bail
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

Chain-of-Custody Record

Client: EA Engineering, Science, and Technology
 Mailing Address: 320 Gold Ave SW Suite
 Phone #: 505-715-4279
 email or Fax#: rmullen@eaest.com
 QA/QC Package:
 Standard Level 4 (Full Validation)
 Accreditation: Az Compliance
 NELAC Other _____
 EDD (Type) _____

Turn-Around Time:
 Standard Rush _____
 Project Name: Dominguez Dairy 1
 Project #:
 Project Manager: Gina Mullen
 Sampler: Angel N. Rivera
 On Ice: Yes No
 # of Coolers:
 Cooler Temp (including CF):



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	Nitrate/Nitrites EPA Method 300.	TKN SM 4500 NORG C	Chloride EPA 300	TDS SM 2540 C MOD	Sulfate EPA 300	Phosphorus EPA 6010B	Total Sulfur									
2-16	10:12	GW	62409	2			X	X	X	X												
2-16	12:30	GW	624-10	2			X	X	X	X												
2-16	14:17	GW	624-01	2			X	X	X	X												
2-16	15:40	GW	624-02	2			X	X	X	X												
Date: 2-16	Time: 17:40	Relinquished by: <i>Carol M</i>		Received by:		Via:	Date:	Time:	Remarks:													
Date:	Time:	Relinquished by:		Received by:		Via:	Date:	Time:														

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

Chain-of-Custody Record

Client: _____
 EA Engineering, Science, and Technology
 Mailing Address: _____
 320 Gold Ave SW Suite _____
 Phone #: 505-715-4279
 email or Fax#: rmullen@eaest.com
 QA/QC Package:
 Standard Level 4 (Full Validation)
 Accreditation: Az Compliance
 NELAC Other _____
 EDD (Type) _____

Turn-Around Time:
 Standard Rush _____
 Project Name:
 Dominguez Dairy 1
 Project #:

 Project Manager:
 Gina Mullen
 Sampler: Angel N. Rivera
 On Ice: Yes No
 # of Coolers: _____
 Cooler Temp (including CF): _____

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
2-17	11:09	Gw	624-11	2		

Nitrate/Nitrites EPA Method 300.	TKN SM 4500 NORG C	Chloride EPA 300	TDS SM 2540 C MOD	Sulfate EPA 300	Phosphorus EPA 6010B	Total Sulfur											
X	X	X	X														



HALL ENVIRONMENTAL ANALYSIS LABORATORY
 www.hallenvironmental.com
 4901 Hawkins NE - Albuquerque, NM 87109
 Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date: 2-17 Time: 17:35 Relinquished by: *[Signature]*

Received by: _____ Via: _____ Date _____ Time _____

Remarks: _____

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

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 624-01 Date Gauged 2-16-23
 Site Dominquez 1 Time Gauged 13:05
 Depth to PSH _____ feet Well Diameter 4 inches
 Depth to Water 29.78 feet Height of Fluid Column 17.03 feet
 Total Depth 46.81 feet Volume in Well 11.239 gallons
 (3 Well Volumes = 33.71 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 13:18 2-16-23 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
13:33	10	10	19.8	4199	7.44	183	2.25
13:48	10	20	19.4	4400	7.36		
14:05	14	34	19.3	4350	7.26		

Actual Purge Volume 39 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 14:17 2-16-23 Purged/Sampled By A.N
 Sample Method Pump
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 624-02 Date Gauged 2-16-23
 Site Dominique 1 Time Gauged 14:24
 Depth to PSH _____ feet Well Diameter 4 inches
 Depth to Water 21.94 feet Height of Fluid Column 15.46 feet
 Total Depth 37.40 feet Volume in Well 10.203 gallons
 (3 Well Volumes = 30.61 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 14:28 2-16-23 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
14:45	10	10	19.1	4289	7.65	190	2.18
15:02	10	20	19.6	4206	7.58		
15:20	11	31	20.1	4189	7.46		
15:24	1	32	20.1	4208	7.39		

Actual Purge Volume 36 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 15:40 2-16-23 Purged/Sampled By A.N
 Sample Method Pump
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 624-09 Date Gauged 2-16-23
 Site Dominquez 1 Time Gauged 9:10
 Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 23.84 feet Height of Fluid Column 8.96 feet
 Total Depth 32.80 feet Volume in Well 1.523 gallons
 (3 Well Volumes = 4.56 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 9:17 2-16-23 Purged Method Bailer

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
9:31	1.50	1.50	16.4	1844	7.35	152	1.37
9:26	1.50	3	19.5	1823	7.26		
9:52	2	5	19.2	1807	7.22		

Actual Purge Volume 8.5 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 10:12 2-16-23 Purged/Sampled By A.N
 Sample Method Bailer
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 624-10 Date Gauged 2-16-23
 Site Dominquez 1 Time Gauged 10:46
 Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 24.81 feet Height of Fluid Column 12.49 feet
 Total Depth 37.30 feet Volume in Well 2.123 gallons
 (3 Well Volumes = 6.36 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 10:55 2-16-23 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
11:17	2	2	17.4	4170	7.39	128	2.71
11:32	2	4	18.6	4183	7.30		
11:53	2.50	6.50	18.2	4144	7.27		
11:55	.25	6.75	18.1	4138	7.25		

Actual Purge Volume 10 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 12:30 2-16-23 Purged/Sampled By A.N
 Sample Method Pump
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 624-11 Date Gauged 2-17-23
 Site Dominquez 1 Time Gauged 9:50
 Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 55.25 feet Height of Fluid Column 13.60 feet
 Total Depth 68.85 feet Volume in Well 2.312 gallons
 (3 Well Volumes = 6.93 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 9:58 2-17-23 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
10:16	2	2	19.2	5161	7.42	196	1.19
10:26	2	4	20.2	5469	7.30		
10:45	3	7	20.0	5619	7.23		

Actual Purge Volume 10 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 11:09 2-17-23 Purged/Sampled By A.N
 Sample Method Pump
 Requested Analyses _____
 Comments/Observations _____

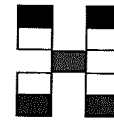
Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

Chain-of-Custody Record

Turn-Around Time:
 Standard Rush _____

Project Name:
Del Oro Dairy

Project #:



**HALL ENVIRONMENTAL
ANALYSIS LABORATORY**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Client:
 EA Engineering, Science, and Technology
 Mailing Address:
 320 Gold Ave SW Suite
 Phone #: 505-715-4279
 email or Fax#: rmullen@eaest.com
 QA/QC Package:
 Standard Level 4 (Full Validation)
 Accreditation: Az Compliance
 NELAC Other _____
 EDD (Type) _____

Project Manager:
 Gina Mullen

Sampler: Angel N. Rivera
 On Ice: Yes No

of Coolers:
 Cooler Temp (including CF):

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	Nitrate/Nitrites EPA Method 300.	TKN SM 4500 NORG C	Chloride EPA 300	TDS SM 2540 C MOD	Sulfate EPA 300	Phosphorus EPA 6010B	Total Sulfur						
2-27	11:35	GW	FW-04	2			X	X	X	X	X								
2-27	13:02	GW	692-02	2			X	X	X	X	X								
2-27	14:08	GW	EW-03	2			X	X	X	X	X								

Date: 2-27 Time: 17:25 Relinquished by: *Chad...*

Received by: Via: Date Time

Remarks:

Date: Time: Relinquished by:

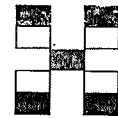
Received by: Via: Date Time

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

Chain-of-Custody Record

Client: EA Engineering, Science, and Technology
 Mailing Address: 320 Gold Ave SW Suite
 Phone #: 505-715-4279
 email or Fax#: mullen@eaest.com
 QA/QC Package:
 Standard Level 4 (Full Validation)

Turn-Around Time:
 Standard Rush
 Project Name: *Del Oro Dairy*
 Project #:
 Project Manager: Gina Mullen



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Accreditation: Az Compliance NELAC Other
 EDD (Type)

Sampler: Angel Nieto Rivera
 On Ice: Yes No
 # of Coolers:

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
2-28	10:48	GW	692-09	2		
2-28	12:28	GW	692-05	2		
2-28	13:57	GW	692-06	2		
2-28	15:40	GW	692-07	2		

Analysis Request

	Nitrate/Nitrites EPA Method 300	TKN SM 4500 NORG C	Chloride EPA 300	TDS SM 2540 C MOD	Sulfate EPA 300	Phosphorus EPA 6010B	Total Sulfur											
	X	X	X	X	X													
	X	X	X	X	X													
	X	X	X	X	X													
	X	X	X	X	X													

Date: 2-28 Time: 17:40 Relinquished by: *Angel Nieto Rivera*
 Received by: _____ Via: _____ Date: _____ Time: _____
 Relinquished by: _____ Received by: _____ Via: _____ Date: _____ Time: _____

Remarks:

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

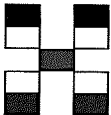
Chain-of-Custody Record

Client: EA Engineering, Science, and Technology
 Mailing Address: 320 Gold Ave SW Suite
 Phone #: 505-715-4279
 email or Fax#: rmullen@eaest.com
 QA/QC Package:
 Standard Level 4 (Full Validation)
 Accreditation: Az Compliance
 NELAC Other _____
 EDD (Type) _____

Turn-Around Time:
 Standard Rush _____
 Project Name: Del Oro Dairy
 Project #: _____
 Project Manager: Gina Mullen
 Sampler: Angel N. Rivera
 On Ice: Yes No
 # of Coolers: _____

Cooler Temp (including CF): _____

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.
3-1	10:05	Gw	Ew-02	2		
3-1	11:16	Gw	Ew-01	2		
3-1	12:55	Gw	692-10	2		
3-1	16:20	Gw	692-08	2		



HALL ENVIRONMENTAL ANALYSIS LABORATORY

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

Analysis Request

	Nitrate/Nitrites EPA Method 300.	TKN SM 4500 NORG C	Chloride EPA 300	TDS SM 2540 C MOD	Sulfate EPA 300	Phosphorus EPA 6010B	Total Sulfur													
	X	X	X	X	X															
	X	X	X	X	X															
	X	X	X	X	X															
	X	X	X	X	X															

Date: 3-1	Time: 17:55	Relinquished by: <i>Carol WA</i>	Received by: _____	Via: _____	Date: _____	Time: _____
Date: _____	Time: _____	Relinquished by: _____	Received by: _____	Via: _____	Date: _____	Time: _____

Remarks:

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

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 692-02 Date Gauged 2-27-23
 Site Del Oro Time Gauged 11:50
 Depth to PSH _____ feet Well Diameter 4 inches
 Depth to Water 59.90 feet Height of Fluid Column 6.25 feet
 Total Depth 66.15 feet Volume in Well 4.125 gallons
 (3 Well Volumes = 12.375 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 11:55 2-27-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
12:07	4	4	20.4	2292	7.20	161	1.69
12:21	4	8	21.6	2340	7.26		
12:37	4.50	12.50	21.1	2410	7.21		

Actual Purge Volume 16 gals Field Measurements stabilized within ± 10% Y

Time/Date Sampled 13:02 2-27-23 Purged/Sampled By A-N

Sample Method Bail

Requested Analyses _____

Comments/Observations _____

Well Casing Volumes

2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 69204

Date Gauged 2-27-23

Site Del Oro

Time Gauged 10:42

Depth to PSH _____ feet

Well Diameter 4 inches

Depth to Water Dry feet

Height of Fluid Column 0 feet

Total Depth 60.60 feet

Volume in Well 0 gallons

(3 Well Volumes = 0 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 0 0

Purged Method 0

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)

Actual Purge Volume 0 gals

Field Measurements stabilized within ± 10% 0

Time/Date Sampled 0 0

Purged/Sampled By 0

Sample Method 0

Requested Analyses _____

Comments/Observations Dry well.

Well Casing Volumes

2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 692-05 Date Gauged 2-28-23
 Site Del Oro Time Gauged 11:30

Depth to PSH _____ feet Well Diameter 4 inches
 Depth to Water 81.44 feet Height of Fluid Column 6.06 feet
 Total Depth 87.50 feet Volume in Well 3.999 gallons
 (3 Well Volumes = 11.99 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 11:36 2-28-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
<u>11:49</u>	<u>4</u>	<u>4</u>	<u>21.0</u>	<u>2484</u>	<u>7.21</u>	<u>180</u>	<u>1.87</u>
<u>12:03</u>	<u>4</u>	<u>8</u>	<u>20.6</u>	<u>2499</u>	<u>7.25</u>		
<u>12:15</u>	<u>4</u>	<u>12</u>	<u>21.3</u>	<u>2462</u>	<u>7.22</u>		

Actual Purge Volume 16 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 12:28 2-28-23 Purged/Sampled By A.N.
 Sample Method Bail
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 692-06 Date Gauged 2-28-23
 Site Del Oro Time Gauged 12:50
 Depth to PSH _____ feet Well Diameter 4 inches
 Depth to Water 83.37 feet Height of Fluid Column 6.83 feet
 Total Depth 90.20 feet Volume in Well 4.507 gallons
 (3 Well Volumes = 13.52 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 12:57 2-28-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
13:15	5	5	21.3	2365	7.53	238	1.77
13:28	5	10	20.8	2381	7.40		
13:39	4	14	21.1	2342	7.29		

Actual Purge Volume 19 gals Field Measurements stabilized within ± 10% Y

Time/Date Sampled 13:57 2-28-23 Purged/Sampled By A.N

Sample Method Bail

Requested Analyses _____

Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 692-07 Date Gauged 2-28-23
 Site Del Oro Time Gauged 14:26

Depth to PSH _____ feet Well Diameter 4 inches
 Depth to Water 76.07 feet Height of Fluid Column 1.62 feet
 Total Depth 77.69 feet Volume in Well 1.069 gallons
 (3 Well Volumes = 3.20 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 14:34 2-28-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
14:47	1	1	21.8	2506	8.00	152	1.88
15:05	1	2	21.1	2518	7.73		
15:21	1.25	3.25	21.0	2526	7.50		
15:24	.25	3.50	21.2	2537	7.43		

Actual Purge Volume 7.50 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 15:40 2-28-23 Purged/Sampled By A.N
 Sample Method Bail

Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 692-08 Date Gauged 3-1-23
 Site Del Oro Time Gauged 13:51

Depth to PSH _____ feet Well Diameter 4 inches
 Depth to Water 69.05 feet Height of Fluid Column 8.10 feet
 Total Depth 77.15 feet Volume in Well 5.346 gallons

(3 Well Volumes = 16.03 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 13:57 3-1-23 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
14:26	5	5	21.2	2206	7.40	150	1.63
14:59	5	10	24.3	2220	7.60		
15:30	6.25	16.25	25.0	2201	7.29		

Actual Purge Volume 21 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 16:20 3-1-23 Purged/Sampled By A.N
 Sample Method Pump
 Requested Analyses _____
 Comments/Observations Very slow water flow.

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 692-09 Date Gauged 2-28-23
 Site Del Oro Time Gauged 9:50

Depth to PSH _____ feet Well Diameter 4 inches
 Depth to Water 84.50 feet Height of Fluid Column 6.55 feet
 Total Depth 91.05 feet Volume in Well 4.323 gallons

(3 Well Volumes = 12.96 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 9:56 2-28-23 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
10:08	4	4	20.6	2284	7.09	154	1.69
10:19	4	8	22.2	2270	7.15		
10:33	5	13	23.5	2281	7.20		

Actual Purge Volume 18 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 10:48 2-28-23 Purged/Sampled By A.N
 Sample Method Pump
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 692-10 Date Gauged 3-1-23
 Site Del Oro Time Gauged 12:15
 Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 74.62 feet Height of Fluid Column 3.28 feet
 Total Depth 77.90 feet Volume in Well 0.557 gallons
 (3 Well Volumes = 1.67 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 12:18 3-1-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
12:24	.50	.50	21.5	2902	7.22	115	2.20
12:30	.50	1	21.8	2818	7.31		
12:41	1	2	21.4	2797	7.26		

Actual Purge Volume 4 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 12:55 3-1-23 Purged/Sampled By A.N
 Sample Method Bail
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID EW-01 Date Gauged 3-1-23
 Site Del Oro Time Gauged 10:20

Depth to PSH _____ feet Well Diameter 4 inches
 Depth to Water 1 feet Height of Fluid Column 1 feet
 Total Depth 1 feet Volume in Well 1 gallons
 (3 Well Volumes = _____ gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 10:29 3-1-23 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
10:41	5	5	20.8	4765	6.98	114	2.85
10:52	5	10	21.8	5086	7.08		
11:04	5	15	21.9	5329	7.17		

Actual Purge Volume 20 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 11:16 3-1-23 Purged/Sampled By A.N
 Sample Method Pump
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 ga/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID EW-02 Date Gauged 3-1-23
 Site Del Oro Time Gauged 8:57

Depth to PSH _____ feet Well Diameter 4 inches
 Depth to Water _____ feet Height of Fluid Column _____ feet
 Total Depth _____ feet Volume in Well _____ gallons
 (3 Well Volumes = _____ gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 9:08 3-1-23 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
9:28	5	5	20.9	4765	6.82	147	2.78
9:39	5	10	21.8	4801	7.09		
9:53	5	15	22.2	4890	7.18		

Actual Purge Volume 20 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 10:05 3-1-23 Purged/Sampled By A.N
 Sample Method Pump
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID EW-03 Date Gauged 2-27-23
 Site Del Oro Time Gauged 13:20

Depth to PSH _____ feet Well Diameter 4 inches
 Depth to Water _____ feet Height of Fluid Column _____ feet
 Total Depth _____ feet Volume in Well _____ gallons

(3 Well Volumes = _____ gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 13:25 2-27-23 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
13:35	5	5	28.5	4015	7.06	88	2.85
13:45	5	10	32.6	4104	7.15		
13:56	5	15	31.9	4070	7.24		

Actual Purge Volume 20 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 14:08 2-27-23 Purged/Sampled By A.N
 Sample Method Pump
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID EW-04 Date Gauged 2-27-23
 Site Del Oro Time Gauged 10:51

Depth to PSH _____ feet Well Diameter 4 inches
 Depth to Water _____ feet Height of Fluid Column _____ feet
 Total Depth _____ feet Volume in Well _____ gallons

(3 Well Volumes = _____ gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 10:54 2-27-23 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
11:05	5	5	23.3	2335	7.19	129	1.73
11:15	5	10	23.6	2267	7.11		
11:25	5	15	23.8	2255	7.20		

Actual Purge Volume 20 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 11:35 2-27-23 Purged/Sampled By A-U
 Sample Method Pump
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 ga/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID EW-05 Date Gauged 2-27-23
 Site Del Oro Time Gauged 9:48

Depth to PSH _____ feet Well Diameter 4 inches
 Depth to Water _____ feet Height of Fluid Column _____ feet
 Total Depth _____ feet Volume in Well _____ gallons
 (3 Well Volumes = _____ gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 9:53 2-27-23 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
	5	5					
	5	10					
	5	15					

Actual Purge Volume 20 gals Field Measurements stabilized within ± 10% Y

Time/Date Sampled 2-27-23 Purged/Sampled By A.A.

Sample Method _____

Requested Analyses _____

Comments/Observations Solar panel control shows low power.

Some water pump out and it stopped @ 10:35. Will come back to

well later. went back around 17:00 pm still no water. will go back tomorrow to talk to

dairy owners.

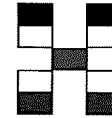
Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

Dairy stated they will troubleshoot pump and control panel. No water will come out

Chain-of-Custody Record

Client: EA Engineering, Science, and Technology
 Mailing Address: 320 Gold Ave SW Suite
 Phone #: 505-715-4279
 email or Fax#: rmullen@eaest.com
 QA/QC Package:
 Standard Level 4 (Full Validation)
 Accreditation: Az Compliance
 NELAC Other _____
 EDD (Type) _____

Turn-Around Time:
 Standard Rush
 Project Name: Dominguez Dairy 2
 Project #:
 Project Manager: Gina Mullen
 Sampler: Angel N. Rivera
 On Ice: Yes No
 # of Coolers:
 Cooler Temp (including CF):



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

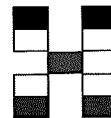
Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	Nitrate/Nitrites EPA Method 300	TKN SM 4500 NORG C	Chloride EPA 300	TDS SM 2540 C MOD	Sulfate EPA 300	Phosphorus EPA 6010B	Total Sulfur								
2-10	11:28	Gw	42-03	2			X	X	X	X											
2-10	13:35	Gw	42-13	2			X	X	X	X											
2-10	15:47	Gw	42-06	2			X	X	X	X											

Date: 2-10	Time: 17:15	Relinquished by: <i>[Signature]</i>	Received by: _____	Via: _____	Date _____	Time _____	Remarks:
Date: _____	Time: _____	Relinquished by: _____	Received by: _____	Via: _____	Date _____	Time _____	

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

Chain-of-Custody Record



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

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)

Turn-Around Time:
 Standard Rush
 Project Name: Dominguez Dairy 2
 Project #: _____
 Project Manager: Gina Mullen

Accreditation: Az Compliance
 NELAC Other _____
 EDD (Type) _____

Sampler: Angel N. Rivera
 On Ice: Yes No
 # of Coolers: _____
 Cooler Temp (including CF): _____

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	Nitrate/Nitrites EPA Method 300.	TKN SM 4500 NORG C	Chloride EPA 300	TDS SM 2540 C MOD	Sulfate EPA 300	Phosphorus EPA 6010B	Total Sulfur						
2-13	12:40	GW	42-02	2			X	X	X	X									
2-13	15:51	GW	42-08	2			X	X	X	X									

Date: 2-13 Time: 17:30 Relinquished by: *Paul Mullen*

Received by: _____ Via: _____ Date: _____ Time: _____
 Received by: _____ Via: _____ Date: _____ Time: _____

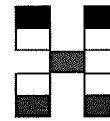
Remarks: _____

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

Chain-of-Custody Record

Client: EA Engineering, Science, and Technology
 Mailing Address: 320 Gold Ave SW Suite
 Phone #: 505-715-4279
 email or Fax#: rmullen@eaest.com
 QA/QC Package:
 Standard Level 4 (Full Validation)
 Accreditation: Az Compliance
 NELAC Other _____
 EDD (Type) _____

Turn-Around Time:
 Standard Rush _____
 Project Name: Dominguez Dairy 2
 Project #: _____
 Project Manager: Gina Mullen
 Sampler: Angel N. Rivera
 On Ice: Yes No
 # of Coolers: _____
 Cooler Temp (including CF): _____



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	Nitrate/Nitrites EPA Method 300.	TKN SM 4500 NORG C	Chloride EPA 300	TDS SM 2540 C MOD	Sulfate EPA 300	Phosphorus EPA 6010B	Total Sulfur								
2-14	11:46	GW	42-11	2			X	X	X	X											
2-14	13:15	GW	42-12	2			X	X	X	X											
2-14	15:45	GW	42-10	2			X	X	X	X											

Date: 2-14	Time: 17:30	Relinquished by: <i>Chal ms</i>	Received by:	Via:	Date	Time	Remarks:
Date:	Time:	Relinquished by:	Received by:	Via:	Date	Time	

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

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 4202 Date Gauged 2-13-23
 Site Dominguez 2 Time Gauged 9:55
 Depth to PSH _____ feet Well Diameter 4 inches
 Depth to Water 30.00 feet Height of Fluid Column 35.29 feet
 Total Depth 65.29 feet Volume in Well 73.291 gallons
 (3 Well Volumes = 69.87 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 10:08 2-13-23 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
<u>10:42</u>	<u>25</u>	<u>25</u>	<u>19.4</u>	<u>4140</u>	<u>7.33</u>	<u>162</u>	<u>2.23</u>
<u>11:25</u>	<u>25</u>	<u>50</u>	<u>19.1</u>	<u>4130</u>	<u>7.28</u>		
<u>12:10</u>	<u>20</u>	<u>70</u>	<u>19.5</u>	<u>4119</u>	<u>7.21</u>		

Actual Purge Volume 76 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 12:40 2-13-23 Purged/Sampled By A.N
 Sample Method Pump
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 42-03 Date Gauged 2-10-23
 Site Dominquez 2 Time Gauged 9:55
 Depth to PSH _____ feet Well Diameter 4 inches
 Depth to Water 86.53 feet Height of Fluid Column 10.67 feet
 Total Depth 97.20 feet Volume in Well 7.042 gallons
 (3 Well Volumes = 21.12 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 10:08 2-10-23 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
10:27	7	7	22.3	5020	7.35	181	2.45
10:47	7	14	23.4	5095	7.24		
11:11	8	22	24.5	5037	7.19		

Actual Purge Volume 27 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 11:28 2-10-23 Purged/Sampled By A.N
 Sample Method Pump
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 42-06 Date Gauged 2-10-23
 Site Dominquez 2 Time Gauged 14:20
 Depth to PSH _____ feet Well Diameter 4 inches
 Depth to Water 36.66 feet Height of Fluid Column 4.86 feet
 Total Depth 41.52 feet Volume in Well 3.207 gallons
 (3 Well Volumes = 9.62 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 14:26 2-10-23 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
14:40	3	3	19.6	3692	7.55	114	2.86
15:03	3	6	19.4	3727	7.42		
15:24	4	10	18.9	3669	7.31		

Actual Purge Volume 14 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 15:47 2-10-23 Purged/Sampled By A.W.
 Sample Method Pump
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 42-08 Date Gauged 2-13-23
 Site Dominquez 2 Time Gauged 13:35
 Depth to PSH _____ feet Well Diameter 4 inches
 Depth to Water 31.66 feet Height of Fluid Column 3.49 feet
 Total Depth 35.15 feet Volume in Well 2.303 gallons
 (3 Well Volumes = 6.90 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 13:42 2-13-23 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
14:08	2	2	16.2	2850	7.78	273	2.16
14:37	2	4	15.4	2830	7.54		
15:15	3	7	15.3	2792	7.33		

Actual Purge Volume 11 gals Field Measurements stabilized within ± 10% Y

Time/Date Sampled 15:51 2-13-23 Purged/Sampled By A.W

Sample Method Pump

Requested Analyses _____

Comments/Observations Very slow water flow, water would stop coming out from pump for a while.

Well Casing Volumes

2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 42-10 Date Gauged 2-14-23
 Site Dominquez 2 Time Gauged 14:05
 Depth to PSH _____ feet Well Diameter 4 inches
 Depth to Water 117.47 feet Height of Fluid Column 6.18 feet
 Total Depth 123.65 feet Volume in Well 4.078 gallons
 (3 Well Volumes = 12.23 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 14:10 2-14-23 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
14:31	4	4	24.8	2552	7.68	132	1.88
14:49	4	8	26.0	2723	7.51		
15:20	5	13	26.3	2691	7.35		
15:22	.25	13.25	26.5	2684	7.30		

Actual Purge Volume 18 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 15:45 2-14-23 Purged/Sampled By A.N
 Sample Method Pump
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 42-11 Date Gauged 2-14-23
 Site Dominquez 2 Time Gauged 9:38
 Depth to PSH _____ feet Well Diameter 4 inches
 Depth to Water 128.00 feet Height of Fluid Column 5.50 feet
 Total Depth 133.50 feet Volume in Well 3.63 gallons
 (3 Well Volumes = 10.89 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 9:46 2-14-23 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
10:10	4	4	21.9	2275	7.34	197	1.68
10:50	4	8	25.0	2237	7.19		
11:18	3	11	28.7	2309	7.25		

Actual Purge Volume 15 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 11:46 2-14-23 Purged/Sampled By A.N
 Sample Method Pump
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 42-12 Date Gauged 2-14-23
 Site Dominion Time Gauged 12:00
 Depth to PSH _____ feet Well Diameter 4 inches
 Depth to Water 134.50 feet Height of Fluid Column 5.00 feet
 Total Depth 139.50 feet Volume in Well 3.30 gallons
 (3 Well Volumes = 9.90 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 12:05 2-14-23 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
12:20	3	3	24.7	1803	7.59	34	1.31
12:35	3	6	27.5	1820	7.41		
12:57	4	10	28.6	1805	7.29		

Actual Purge Volume 13 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 13:15 2-14-23 Purged/Sampled By A.N
 Sample Method Pump
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 4213 Date Gauged 2-10-23
 Site Dominquez 2 Time Gauged 11:51
 Depth to PSH _____ feet Well Diameter 4 inches
 Depth to Water 59.03 feet Height of Fluid Column 8.57 feet
 Total Depth 67.60 feet Volume in Well 5.656 gallons
 (3 Well Volumes = 16.96 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 11:56 2-10-23 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
12:21	5	5	19.7	5078	7.30	111	2.05
12:43	5	10	24.3	5056	7.26		
13:18	7	17	25.2	5134	7.21		

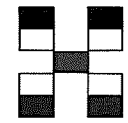
Actual Purge Volume 21 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 13:35 2-10-23 Purged/Sampled By A.N
 Sample Method Pump
 Requested Analyses _____
 Comments/Observations Very slow water flow.

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

Chain-of-Custody Record

Client: EA Engineering, Science, and Technology
 Mailing Address: 320 Gold Ave SW Suite
 Phone #: 505-715-4279
 email or Fax#: rmullen@eaest.com
 QA/QC Package:
 Standard Level 4 (Full Validation)
 Accreditation: Az Compliance
 NELAC Other _____
 EDD (Type) _____

Turn-Around Time:
 Standard Rush
 Project Name: Mountain View Dairy
 Project #:
 Project Manager: Gina Mullen
 Sampler: Angel N. Rivera
 On Ice: Yes No
 # of Coolers:
 Cooler Temp (including CF):



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Date	Time	Matrix	Sample Name	Container Type and #	Preservative Type	HEAL No.	Nitrate/Nitrites EPA Method 300	TKN SM 4500 NORG C	Chloride EPA 300	TDS SM 2540 C MOD	Sulfate EPA 300	Phosphorus EPA 6010B	Total Sulfur								
2-9	10:06	GW	70-03	2			X	X	X	X	X										
2-9	11:45	GW	70-01	2			X	X	X	X	X										
2-9	13:40	GW	70-02	2			X	X	X	X	X										
2-9	16:08	GW	70-04	2			X	X	X	X	X										

Date: 2-9	Time: 17:45	Relinquished by: <i>[Signature]</i>	Received by:	Via:	Date:	Time:	Remarks:
Date:	Time:	Relinquished by:	Received by:	Via:	Date:	Time:	

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

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 70-01 Date Gauged 2-9-22
 Site Mountain View Time Gauged 10:20
 Depth to PSH _____ feet Well Diameter 4 inches
 Depth to Water 39.13 feet Height of Fluid Column 6.60 feet
 Total Depth 45.73 feet Volume in Well 4.356 gallons
 (3 Well Volumes = 13.06 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 10:27 2-9-23 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
10:52	4	4	20.8	4709	7.41	154	2.09
11:21	4	8	21.5	4700	7.30		
11:26	5.25	13.25	21.6	4718	7.22		

Actual Purge Volume 18 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 11:45 2-9-23 Purged/Sampled By A.N
 Sample Method Pump
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 70-02 Date Gauged 2-9-23
 Site Mountain View Time Gauged 12:10

Depth to PSH _____ feet Well Diameter 4 inches
 Depth to Water 48.60 feet Height of Fluid Column 1.23 feet
 Total Depth 49.83 feet Volume in Well 0.811 gallons
 (3 Well Volumes = 2.43 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 12:18 2-9-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
12:39	1	1	21.9	4630	7.49	136	2.33
12:52	1	2	21.8	4610	7.35		
13:15	1	3	22.0	4587	7.28		

Actual Purge Volume 5 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 13:40 2-9-23 Purged/Sampled By A.N
 Sample Method Bail
 Requested Analyses _____
 Comments/Observations low water flow.

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 70-03 Date Gauged 2-9-23
 Site Mountain View Time Gauged 8:58

Depth to PSH _____ feet Well Diameter 4 inches
 Depth to Water 59.24 feet Height of Fluid Column 2.41 feet
 Total Depth 61.65 feet Volume in Well 1.590 gallons
 (3 Well Volumes = 4.77 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 9:07 2-9-23 Purged Method Bail

Time	Purge-Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
9:18	1.50	1.50	18.9	7156	7.28	176	2.88
9:29	1.50	3	19.6	6962	7.20		
9:50	2	5	20.0	6941	7.23		

Actual Purge Volume 8 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 10:06 2-9-23 Purged/Sampled By A.N
 Sample Method Bail
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 70-04 Date Gauged 2-9-23
 Site Mountain View Time Gauged 14:45
 Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 37.06 feet Height of Fluid Column 10.79 feet
 Total Depth 47.85 feet Volume in Well 1.834 gallons
 (3 Well Volumes = 5.50 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 14:52 2-9-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
15:10	2	2	21.8	4637	7.77	102	2.64
15:25	2	4	22.1	4628	7.40		
15:42	2	6	22.4	4615	7.31		
15:45	.25	6.25	22.5	4610	7.28		

Actual Purge Volume 9 gals Field Measurements stabilized within ± 10% Y

Time/Date Sampled 16:08 2-9-23 Purged/Sampled By A.N

Sample Method Bail

Requested Analyses _____

Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

Chain-of-Custody Record

Client: EA Engineering, Science, and Technology

Mailing Address: 320 Gold Ave SW Suite

Phone #: 505-715-4279

email or Fax#: rmullen@eaest.com

QA/QC Package:

Standard Level 4 (Full Validation)

Accreditation: Az Compliance NELAC Other _____

EDD (Type) _____

Project Name: Sunset Dairy

Project #: _____

Project Manager: Gina Mullen

Sampler: Angel N. Rivera

On Ice: Yes No

of Coolers: _____

Cooler Temp (including CF): _____

Container Type and #

Preservative Type

HEAL No.

Date	Time	Matrix	Sample Name
2-24	11:52	GW	257-01
2-24	12:48	GW	257-02
2-24	14:56	GW	MW-4

Date: 2-24 Time: 17:00 Relinquished by: *[Signature]*

Date: _____ Time: _____ Relinquished by: _____

Turn-Around Time: Standard Rush

Project Name: Sunset Dairy

Project #: _____

Project Manager: Gina Mullen

Sampler: Angel N. Rivera

On Ice: Yes No

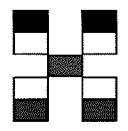
of Coolers: _____

Cooler Temp (including CF): _____

Container Type and #

Preservative Type

HEAL No.



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Nitrate/Nitrites EPA Method 300.	TKN SM 4500 NORG C	Chloride EPA 300	TDS SM 2540 C MOD	Sulfate EPA 300	Phosphorus EPA 6010B	Total Sulfur											
X	X	X	X	X													
X	X	X	X	X													
X	X	X	X	X													

Received by: _____ Via: _____ Date _____ Time _____

Received by: _____ Via: _____ Date _____ Time _____

Remarks:

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

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 257-01 Date Gauged 2-24-23
 Site Sunset Dairy Time Gauged 10:58
 Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 21.57 feet Height of Fluid Column 4.31 feet
 Total Depth 25.88 feet Volume in Well 0.732 gallons
 (3 Well Volumes = 2.19 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 11:13 2-24-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
11:23	1	1	19.1	5426	7.13	148	2.73
11:29	1	2	19.5	5408	7.17		
11:33	.50	2.50	19.7	5432	7.22		

Actual Purge Volume 4.50 gals Field Measurements stabilized within ± 10% Y
 Time/Date Sampled 11:52 2-24-23 Purged/Sampled By A.N
 Sample Method Bail
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 257-02 Date Gauged 2-24-23
 Site SUNSET DRAIN Time Gauged 12:00
 Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 16.76 feet Height of Fluid Column 4.09 feet
 Total Depth 20.85 feet Volume in Well 0.695 gallons
 (3 Well Volumes = 2.08 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 12:05 2-24-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
12:10	.50	.50	18.6	4412	7.89	67	2.01
12:22	1	1.50	18.5	4402	7.51		
12:32	1	2.50	18.4	4390	7.38		
12:34	.25	2.75	18.5	4388	7.35		

Actual Purge Volume 5 gals Field Measurements stabilized within ± 10% y

Time/Date Sampled 12:48 2-24-23 Purged/Sampled By A.N

Sample Method Bail

Requested Analyses _____

Comments/Observations _____

Well Casing Volumes

2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 257-03 Date Gauged 2-23-23
 Site SUNSET Dairy Time Gauged 14:35

Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 14.05 feet Height of Fluid Column 2.10 feet
 Total Depth 16.15 feet Volume in Well 0.357 gallons

(3 Well Volumes = 1.07 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 14:46 2-23-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
	0	0					

Actual Purge Volume 0 gals Field Measurements stabilized within ± 10% 0
 Time/Date Sampled 0 0 Purged/Sampled By 0
 Sample Method 0
 Requested Analyses _____

Comments/Observations No water came out of well using bailer.
Bailer left inside well to try and get water, get bailer
next day 2/24/23 and still no water

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID MW-4 Date Gauged 2-24-23
 Site SUNSET Dairy Time Gauged 13:50
 Depth to PSH _____ feet Well Diameter 2 inches
 Depth to Water 32.83 feet Height of Fluid Column 7.12 feet
 Total Depth 39.95 feet Volume in Well 1.210 gallons
 (3 Well Volumes = 3.63 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 13:57 2-24-23 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
14:08	1	1	21.7	6538	7.73	109	1.88
14:20	1	2	21.6	6704	7.59		
14:41	2	4	21.1	6681	7.47		
14:43	.25	4.25	21.2	6680	7.43		

Actual Purge Volume 7 gals Field Measurements stabilized within ± 10% y
 Time/Date Sampled 14:56 2-24-23 Purged/Sampled By A.N
 Sample Method Bail
 Requested Analyses _____
 Comments/Observations _____

Well Casing Volumes
 2" diameter = 0.17 gal/ft 4" diameter = 0.66 gal/ft 5" diameter = 1.02 gal/ft 6" diameter = 1.50 gal/ft



FIELD RECORD OF WELL DEVELOPMENT

Project Name: <u>DEL ORO DAIRY</u>	Project No:	Date: <u>11-02-22</u>
EA Personnel: <u>E. MARTIN</u>	Development Method: <u>SUBMERSIBLE PUMP</u>	
Weather/Temperature/Barometric Pressure:		Time: <u>1325</u>

Well No.: <u>DAD-27</u>	Well Condition: <u>NEW</u>
Well Diameter: <u>DAD-27 2"</u>	Measurement Reference: <u>TOC</u>

Well Volume Calculations

A. Depth To Water (ft): <u>27.23</u>	D. Well Volume/ft: <u>1.8</u>
B. Total Well Depth (ft): <u>37.81</u>	E. Total Well Volume (gal)[C*D]: <u>1.8</u>
C. Water Column Height (ft): <u>10.58</u>	F. Five Well Volumes (gal): <u>9</u>

Parameter	Beginning	1 Volume	2 Volumes	3 Volumes	4 Volumes	5 Volumes
Time (min)	<u>1426</u>	<u>1429</u>	<u>1432</u>	<u>1436</u>		
Depth to Water (ft)	<u>28.03</u>	<u>28.03</u>	<u>28.1</u>	<u>28.15</u>		
Purge Rate (gpm)	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>		
Volume Purged (gal)	<u>35</u>	<u>40</u>	<u>45</u>	<u>50</u>		
pH	<u>7.78</u>	<u>7.76</u>	<u>7.74</u>	<u>7.75</u>		
Temperature (°F)	<u>25.1</u>	<u>23.2</u>	<u>23.2</u>	<u>23.2</u>		
Conductivity (µmhos/cm)	<u>2924</u>	<u>2946</u>	<u>2943</u>	<u>2947</u>		
Dissolved Oxygen	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>		
Turbidity (NTU)	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>		
ORP (mV)	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>		

Parameter	6 Volumes	7 Volumes	8 Volumes	9 Volumes	10 Volumes	End
Time (min)						
Depth to Water (ft)						
Purge Rate (gpm)						
Volume Purged (gal)						
pH						
Temperature (°F)						
Conductivity (µmhos/cm)						
Dissolved Oxygen						
Turbidity (NTU)						
ORP (mV)						

NOTE: NTU = Nephelometric turbidity unit.
ORP = Oxidation-reduction potential.

COMMENTS AND OBSERVATIONS: WATER CLEAR AFTER BAILING 35 gal @ 2 gpm



FIELD RECORD OF WELL DEVELOPMENT

Project Name: <i>DEL ORO DAIRY</i>	Project No:	Date: <i>11-02-22</i>
EA Personnel: <i>E. ANDERMAN / E. MARTIN</i>	Development Method: <i>SUBMERSIBLE PUMP</i>	
Weather/Temperature/Barometric Pressure:		Time: <i>0800</i>

Well No.: <i>692-10</i>	Well Condition: <i>NEW</i>
Well Diameter: <i>2"</i>	Measurement Reference: <i>TOC</i>

Well Volume Calculations

A. Depth To Water (ft): <i>72.67</i>	D. Well Volume/ft: <i>0.39 0.40</i>
B. Total Well Depth (ft): <i>75.0</i>	E. Total Well Volume (gal)[C*D]: <i>0.40</i>
C. Water Column Height (ft): <i>2.33</i>	F. Five Well Volumes (gal): <i>2</i>

Parameter	Beginning	1 Volume	2 Volumes	3 Volumes	4 Volumes	5 Volumes
Time (min)						
Depth to Water (ft)	<i>72.67</i>					
Purge Rate (gpm)	<i>0.5</i>					
Volume Purged (gal)	<i>0.25</i>					
pH	<i>8.08</i>					
Temperature (°F)	<i>19.8</i>					
Conductivity (µmhos/cm)	<i>3130</i>					
Dissolved Oxygen						
Turbidity (NTU)						
ORP (mV)						

Parameter	6 Volumes	7 Volumes	8 Volumes	9 Volumes	10 Volumes	End
Time (min)						
Depth to Water (ft)						
Purge Rate (gpm)						
Volume Purged (gal)						
pH						
Temperature (°F)						
Conductivity (µmhos/cm)						
Dissolved Oxygen						
Turbidity (NTU)						
ORP (mV)						

NOTE: NTU = Nephelometric turbidity unit.
ORP = Oxidation-reduction potential.

COMMENTS AND OBSERVATIONS: *EDT PUMP FAILURE. BAILED 5 gal. FROM WELL. RETURNED AND BAILED 15 gal. FROM WELL.*

0.17



FIELD RECORD OF WELL DEVELOPMENT

Project Name:	Project No:	Date: 11-02-22
EA Personnel: E. ANDELMAN/E. MARTIN	Development Method: SUBMERSIBLE PUMP	
Weather/Temperature/Barometric Pressure:		Time: 1047

Well No.: DAD-06R	Well Condition: NEW
Well Diameter: DAD-06R 20 2"	Measurement Reference: TOC
Well Volume Calculations	
A. Depth To Water (ft): 85.78	D. Well Volume/ft:
B. Total Well Depth (ft): 102.5	E. Total Well Volume (gal)[C*D]:
C. Water Column Height (ft):	F. Five Well Volumes (gal):

Parameter	Beginning	1 Volume	2 Volumes	3 Volumes	4 Volumes	5 Volumes
Time (min)	1235	1238	1241			
Depth to Water (ft)	86.2	86.2	86.2			
Purge Rate (gpm)	2	2	2			
Volume Purged (gal)	20	25	30			
pH	7.81	7.85	7.87			
Temperature (°F)	25.2	25.1	25.3			
Conductivity (µmhos/cm)	1390	1316	1294			
Dissolved Oxygen	-	-	-			
Turbidity (NTU)	-	-	-			
ORP (mV)	-	-	-			

Parameter	6 Volumes	7 Volumes	8 Volumes	9 Volumes	10 Volumes	End
Time (min)						
Depth to Water (ft)						
Purge Rate (gpm)						
Volume Purged (gal)						
pH						
Temperature (°F)						
Conductivity (µmhos/cm)						
Dissolved Oxygen						
Turbidity (NTU)						
ORP (mV)						

NOTE: NTU = Nephelometric turbidity unit.
ORP = Oxidation-reduction potential.

COMMENTS AND OBSERVATIONS: BAILED ~3 gal PRIOR TO PUMP
WATER CLEAR AFTER 10 gal. PUMPING @ 2 gpm.