

**APPENDIX B**

**GAUGING AND SAMPLING FIELD FORMS**  
(Provided Electronically via CD)

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

[illegible]

**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						
<b>Buena Vista Dairy II (DP-74)</b>						
74-01	405434.93	1519310.15	8-14-24	11:06	38.11	45.28
74-02	404574.08	1519035.52	8-14-24	11:21	18.21	20.25
74-03	407163.61	1516711.72	8-14-24	11:50	17.70	20.35
74-04	405488.65	1519864.48	8-14-24	12:02	49.92	57.89
74-05	404747.71	1519885.3	8-14-24	12:15	42.25	57.20
<b>Big Sky Dairy (DP-833)</b>						
833-02	401200.32	1520639.92	8-14-24	14:00	35.71	57.95
833-04	402898.52	1520659.33	8-14-24	13:50	44.44	53.35
833-05	399712.39	1522374.73	8-14-24	14:17	66.22	73.50
833-06	402219.48	1522652.04	8-14-24	13:30	77.41	85.25
833-07	399298.8	1522082.75	8-14-24	14:24	62.15	73.55
833-08	400535.64	1521938.23	8-14-24	14:10	62.08	73.30
833-09	398280.67	1520918.52	8-14-24	15:05	27.81	39.70
833-10	396715.89	1520283.6	8-14-24	15:19	22.30	37.75
<b>Sunset/Desert Land Dairy (DP-257)</b>						
257-01	395856.31	1520572.16	8-15-24	12:25	22.60	25.85
257-02	394728.34	1521030.29	8-15-24	12:35	17.21	20.88
257-03	397935.69	1518746.14	8-15-24	12:15	14.56	16.17
MW-4			8-15-24	11:47	33.35	39.95
SOUTHERN AREA						
<b>Del Oro Dairy (DP-692)</b>						
692-02	372984.72	1531192.1	8-15-24	14:44	60.17	66.15
692-04	372982.53	1531555.21	8-15-24	14:33	Dry	60.60
692-05	374807.26	1532403	8-15-24	14:57	82.16	87.50
692-06	375054.77	1532411.83	8-15-24	15:09	84.05	90.25
692-07	374944.88	1532019.81	8-15-24	15:19	75.38	77.75
692-08	375535.69	1531378.09	8-15-24	15:49	69.42	77.20
692-09	373575.83	1532395.09	8-15-24	14:50	85.31	91.13
692-10			8-15-24	15:37	75.07	77.90
EW-01						
EW-02						
EW-03						
EW-04						
EW-05						
<b>Anthony Waste Water Treatment Plant</b>						
MW-1	372097.86	1532364.36	8-15-24	16:03	65.16	79.95
MW-2	NM	NM	8-15-24	16:13	66.44	79.95
MW-3	NM	NM	8-15-24	16:27	58.82	78.45

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

Monitoring Well	Northing <sup>a</sup>	Easting <sup>a</sup>	Date	Time	Depth to Water	Notes or Total Depth (ft)
<b>ABATEMENT PLAN MONITOR WELLS</b>						
DAD-01	422970.59	1512825.76	8-12-24	14:26	74.44	76.38
DAD-02	413002.98	1517319.93	8-14-24	9:49	68.03	68.48
DAD-03	407721.31	1516497.85	8-14-24	10:38	14.70	18.90
DAD-04	404576.66	1517413.28	8-14-24	10:35	17.30	18.75
DAD-05	396712.87	1519102.06	8-15-24	12:55	16.54	23.12
DAD-06R	404273.19	1522081.00	8-14-24	13:15	85.92	102.10
DAD-07	399270.18	1524320.88	8-15-24	13:01	94.16	100.65
DAD-08	395287.38	1522575.07	8-15-24	13:25	53.68	55.71
DAD-09	373259.30	1530905.70	8-15-24	11:08	57.60	61.25
DAD-10	372980.55	1532375.33	8-15-24	11:21	84.05	93.85
DAD-11	416211.35	1513814.71	8-13-24	14:03	25.06	47.55
DAD-12	419731.54	1512274.77	8-12-24	14:45	55.55	82.25
DAD-13	417879.08	1515673.13	8-13-24	14:22	88.73	92.80
DAD-14	414923.33	1514695.26	8-13-24	14:46	32.10	42.57
DAD-15	402001.22	1523552.04	8-14-24	9:18	97.47	109.90
DAD-16	400628.77	1519350.74	8-14-24	13:04	19.87	32.75
DAD-17	393991.97	1520267.94	8-15-24	14:06	20.91	38.90
DAD-18	395714.14	1520588.96	8-15-24	13:08	24.07	57.15
DAD-19	400164.47	1522027.92	8-14-24	14:42	65.30	99.35
DAD-20	371751.45	1531188.19	8-15-24	10:37	58.04	68.85
DAD-21	374013.39	1530983.98	8-15-24	10:46	59.06	66.55
DAD-22	373029.62	1530352.69	8-15-24	10:57	47.11	50.05
DAD-23	413958.29	1515697.17	8-14-24	9:36	47.30	57.75
DAD-24	400183.23	1522052.57	8-14-24	14:50	67.12	130.55
DAD-25	394560.83	1524599.12	8-15-24	13:45	67.22	77.20
DAD-26	372513.58	1530789.76	8-15-24	10:26	49.72	62.25
DAD-27			8-15-24	10:13	27.51	37.65
Notes: <sup>a</sup> Horizontal control to NM State Plane Coordinates Central NAD83 Grid Coordinates (in feet) <sup>b</sup> Measured in feet below the top of casing at survey point on north side of well						

## RE: Organ Dairy - Dona Ana Gauging



Elisabeth Vulpas <Elisabeth.Vulpas@gza.com>

To Mullen, Regina



Organ Q3.pdf  
847 KB



Hi Gina,

I have attached the 3<sup>rd</sup> Qtr Organ Dairy lab data, and the MW DTWs and field parameters are as follows:

**MW 126-04** DTW=Dry, not enough water to collect field parameters  
**MW 126-05** DTW=30.6, not enough water to collect field parameters  
**MW 126-07** DTW=Dry, not enough water to collect field parameters  
**MW 126-09** DTW=No access  
**MW 126-12** DTW=26.26, pH=7.1, EC=2720, Temp=22.0°C  
**MW 126-13** DTW=46.51, pH=6.96, EC=3620, Temp=23.4°C

Please let me know if you need anything else!

Thanks,  
Lisa

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.



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# MONITOR WELL DEVELOPMENT FIELD FORM

## FLUID LEVEL DATA

Well ID 833-02

Date Gauged 8-30-24

Site Big Sky

Time Gauged 8:47

Depth to PSH \_\_\_\_\_ feet

Well Diameter 4 inches

Depth to Water 35.70 feet

Height of Fluid Column 22.25 feet

Total Depth 57.95 feet

Volume in Well 14.685 gallons

(3 Well Volumes = 44.05 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 8:53 8-30-24 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
9:18	15	15	20.7	6315	7.42	146	1.05
9:47	15	30	20.5	6293	7.34		
10:19	15	45	20.6	6305	7.17		

Actual Purge Volume 50 gals

Field Measurements stabilized within ± 10% Y

Time/Date Sampled 10:40 8-30-24

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 833.04 Date Gauged 8-29-24  
 Site Big Sky Time Gauged 14:03

Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 44.42 feet Height of Fluid Column 8.93 feet  
 Total Depth 53.35 feet Volume in Well 5.893 gallons  
 (3 Well Volumes = 17.68 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 14:09 8-29-24 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
14:24	6	6	22.4	4528	8.06	77	1.50
14:38	6	12	22.1	4499	7.69		
14:51	6	18	22.0	4484	7.41		
14:53	.25	18.25	22.4	4474	7.35		

Actual Purge Volume 24 gals Field Measurements stabilized within ± 10% 7  
 Time/Date Sampled 15:20 8-29-24 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 833-05 Date Gauged 8-30-24  
 Site Big Sky Time Gauged 10:56

Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 66.21 feet Height of Fluid Column 7.29 feet  
 Total Depth 73.50 feet Volume in Well 4.811 gallons  
 (3 Well Volumes = 14.43 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 11:03 8-30-24 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
11:20	5	5	23.5	5131	7.36	120	1.24
11:31	5	10	23.4	5162	7.27		
11:43	5	15	23.3	5175	7.18		

Actual Purge Volume 20 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 11:55 8-30-24 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 833-06 Date Gauged 8-29-24  
 Site Big Sky Time Gauged 12:22

Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 77.39 feet Height of Fluid Column 7.86 feet  
 Total Depth 85.25 feet Volume in Well 5.187 gallons  
 (3 Well Volumes = 15.56 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 12:28 8-29-24 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
12:46	5	5	22.7	4129	7.69	46	1.38
13:13	5	10	21.9	4201	7.38		
13:38	6	16	21.8	4168	7.27		

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

Time/Date Sampled 13:52 8-29-24 Purged/Sampled By A.N

Sample Method Pump

Requested Analyses \_\_\_\_\_

Comments/Observations Very slow water flow coming out of pump.

## 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 8-30-24  
 Site Big Sky Time Gauged 12:26

Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 62.13 feet Height of Fluid Column 11.42 feet  
 Total Depth 73.55 feet Volume in Well 7.537 gallons  
 (3 Well Volumes = 22.61 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 12:31 8-30-24 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
12:53	8	8	22.7	5720	7.38	101	1.34
13:12	8	16	22.4	5885	7.30		
13:29	8	24	23.0	5828	7.24		

Actual Purge Volume 29 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 13:51 8-30-24 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 833-08

Date Gauged 8-29-24

Site Big Sky

Time Gauged 15:30

Depth to PSH \_\_\_\_\_ feet

Well Diameter 4 inches

Depth to Water 62.07 feet

Height of Fluid Column 11.23 feet

Total Depth 73.30 feet

Volume in Well 7.411 gallons

(3 Well Volumes = 22.23 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 15:35 8-29-24

Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
15:46	7	7	23.7	5117	7.53	35	1.90
15:57	7	14	23.5	5095	7.30		
16:15	9	23	23.0	5068	7.23		

Actual Purge Volume 28 gals

Field Measurements stabilized within ± 10% Y

Time/Date Sampled 16:32 8-29-24

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 8-30-24  
 Site Big Sky Time Gauged 14:16

Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 27.79 feet Height of Fluid Column 11.91 feet  
 Total Depth 39.70 feet Volume in Well 7.860 gallons  
 (3 Well Volumes = 23.58 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 14:22 8-30-24 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
14:44	8	8	22.2	5022	7.44	84	2.39
14:58	8	16	21.9	5009	7.40		
15:18	8	24	22.0	4985	7.30		
15:22	.25	24.25	22.1	4992	7.28		

Actual Purge Volume 29 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 15:48 8-30-24 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 833-10  
 Site Big Sky

Date Gauged 9-3-24  
 Time Gauged 9:46

Depth to PSH \_\_\_\_\_ feet

Well Diameter 4 inches

Depth to Water 22.28 feet

Height of Fluid Column 15.47 feet

Total Depth 37.75 feet

Volume in Well 10.210 gallons

(3 Well Volumes = 30.63 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 9:52 9-3-24 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
10:15	10	10	18.9	4005	7.54	174	1.03
10:35	10	20	18.7	4020	7.40		
10:57	11	31	18.8	4032	7.29		

Actual Purge Volume 36 gals

Field Measurements stabilized within ± 10% Y

Time/Date Sampled 11:15 9-3-24

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 861340-01 Date Gauged 8-19-24  
 Site Bright Star Time Gauged 10:20  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 60.55 feet Height of Fluid Column 10.30 feet  
 Total Depth 70.85 feet Volume in Well 6.798 gallons  
 (3 Well Volumes = 20.39 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 10:20 8-19-24 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
10:38	7	7	21.8	3231	7.58	174	2.41
10:52	7	14	21.2	3259	7.31		
11:16	7	21	21.4	3244	7.18		

Actual Purge Volume 26 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 11:30 8-19-24 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 70186/340-01 Date Gauged 8-19-24  
 Site Bright Star Time Gauged 11:55

Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 53.89 feet Height of Fluid Column 14.06 feet  
 Total Depth 67.95 feet Volume in Well 9.279 gallons  
 (3 Well Volumes = 27.83 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 12:05 8-19-24 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
12:22	10	10	23.4	5680	7.20	100	2.05
12:38	10	20	22.5	6145	7.32		
12:54	8	28	21.9	7021	7.22		

Actual Purge Volume 34 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 13:15 8-19-24 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 340-01 Date Gauged 8-19-24  
 Site Bright Star Time Gauged 13:49

Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 46.11 feet Height of Fluid Column 2.14 feet  
 Total Depth 48.25 feet Volume in Well 1.412 gallons  
 (3 Well Volumes = 4.23 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 13:55 8-19-24 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
14:13	1.50	1.50	24.5	4793	7.11	67	2.36
14:23	1.50	3	24.0	4587	7.17		
14:35	1.50	4.50	24.2	4518	7.25		

Actual Purge Volume 5.50 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 14:45 8-19-24 Purged/Sampled By A.N  
 Sample Method Bail  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations very slow water flow slow water  
Recovery

### 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 340-02 Date Gauged 8-19-24  
 Site Bright Star Time Gauged 14:57

Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water Dry feet Height of Fluid Column \_\_\_\_\_ feet  
 Total Depth 56.92 feet Volume in Well \_\_\_\_\_ gallons  
 (3 Well Volumes = \_\_\_\_\_ gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged Ø Ø Purged Method —

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

Actual Purge Volume \_\_\_\_\_ gals Field Measurements stabilized within ± 10% \_\_\_\_\_  
 Time/Date Sampled \_\_\_\_\_ Purged/Sampled By \_\_\_\_\_  
 Sample Method \_\_\_\_\_  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations No sample or Purge, 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

# 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@east.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 2

Project #:

Project Manager:

Gina Mullen

Sampler: Angel N. Rivera

On Ice: ☐ Yes ☐ No

# of Coolers:

Cooler Temp (including CP):

Container Type and # Preservative Type HEAL No.

2

2

Nitrate/Nitrites EPA Method 300

TKN 351.2

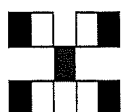
Chloride EPA 300

TDS SM 2540 C MOD

Sulfate EPA 300

Phosphorus EPA 6010B

Total Sulfur



**HALL ENVIRONMENTAL  
ANALYSIS LABORATORY**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

Remarks:

Date: 8-26 Time: 16:55 Relinquished by: [Signature] Date: 8-26 Time: 16:55 Relinquished by: [Signature]

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.

Turn-Around Time:

☒ Standard ☐ Rush

Project Name:

Buena Vista Dairy II

Project #:

email or Fax#: [rmullen@eaast.com](mailto:rmullen@eaast.com)

**Project Manager:**

Gina Mullen

Accreditation: ☐ AZ Compliance

**Sampler:** Angel N. Rivera

On Ice: ☐ Yes ☐ No

Cooler Temp(including CF):



Type and

Type

# HEAL NO

2

X Nitrate/Nitrites EPA Method 300.

X	TKN 351.2
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X	Chloride EPA 300
---	------------------

X TDS SM 2540 C MOD

Sulfate EPA 300

Phosphorus EPA 6010B

Total Sulfur

Received by:

Via:

Date \_\_\_\_\_ Time \_\_\_\_\_

Remarks:

*[Signature]*

100

100

---

Received by:

**Via:**

Date Time

\_\_\_\_\_

If necessary, samples submitted to Hal 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 74-01 Date Gauged 8-28-24  
 Site Buena Vista II Time Gauged 13:43  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 38.09 feet Height of Fluid Column 7.19 feet  
 Total Depth 45.28 feet Volume in Well 4.745 gallons  
 (3 Well Volumes = 14.23 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 13:46 8-28-24 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
13:52	5	5	23.5	4758	7.70	87	1.73
14:08	5	10	23.7	4733	7.46		
14:20	5	15	22.9	4720	7.30		
14:22	25	15.25	23.0	4712	7.28		

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

Time/Date Sampled 14:40 8-28-24 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 8-26-24  
 Site Buena Vista II Time Gauged 14:02

Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 18.23 feet Height of Fluid Column 2.02 feet  
 Total Depth 20.25 feet Volume in Well 1.333 gallons  
 (3 Well Volumes = 3.99 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 14:08 8-26-24 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
14:16	1	1	25.3	4883	7.56	80	1.08
14:24	1	2	25.0	4955	7.42		
14:40	2	4	25.2	5010	7.28		

Actual Purge Volume 5.50 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 15:13 8-26-24 Purged/Sampled By A.N  
 Sample Method Bail  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations very 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 74-03 Date Gauged 8-26-24  
 Site Buena Vista II Time Gauged 13:10  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 7.68 feet Height of Fluid Column 2.67 feet  
 Total Depth 20.35 feet Volume in Well 1.762 gallons  
 (3 Well Volumes = 5.28 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 13:15 8-26-24 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
13:25	2	2	24.5	2750	7.48	158	2.02
13:35	2	4	24.2	2715	7.35		
13:42	1.50	5.50	24.1	2707	7.25		

Actual Purge Volume 7.50 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 13:52 8-26-24 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 74-04 Date Gauged 8-29-24  
 Site Buena Vista II Time Gauged 9:05

Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 49.90 feet Height of Fluid Column 8.00 feet  
 Total Depth 57.90 feet Volume in Well 5.28 gallons  
 (3 Well Volumes = 15.84 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 9:15 8-29-24 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
9:24	5	5	22.8	3639	7.98	114	2.76
9:35	5	10	22.7	3661	7.68		
9:48	6	16	22.6	3672	7.32		
9:50	.25	16.25	22.6	3653	7.29		

Actual Purge Volume 21 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 10:00 8-29-24 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 8-29-24  
 Site Buen Vista II Time Gauged 10:21

Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 42.24 feet Height of Fluid Column 14.96 feet  
 Total Depth 57.20 feet Volume in Well 9.873 gallons  
 (3 Well Volumes = 29.62 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 10:26 8-29-24 Purged Method Pump

Time	Purge Vol (gal)	Cur/hul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
10:50	10	10	23.5	3578	7.75	89	2.69
11:10	10	20	23.8	3585	7.42		
11:35	10	30	23.4	3557	7.26		

Actual Purge Volume 35 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 11:55 8-29-24 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:

Turn-Around Time:

☒ Standard ☐ Rush

EA Engineering, Science, and Technology

Project Name:

Mailing Address:

Dona Ana Dairies (DAD'S)

320 Gold Ave SW Suite

Project #:

Phone #: 505-715-4279

email or Fax#: rmullen@eaest.com

Project Manager:

Gina Mullen

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 CP):

Date Time Matrix Sample Name

Container Type and # Preservative Type HEAL No.

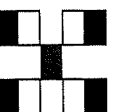
9-9 10:00 Gw DAD-01 2

9-9 11:20 Gw DAD-12 2

9-9 12:43 Gw DAD-14 2

9-9 15:37 Gw DAD-11 2

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



**HALL ENVIRONMENTAL  
ANALYSIS LABORATORY**

www.hallenvironmental.com

Analysis Request

Remarks:

Date: Time: Relinquished by: Date Time  
9-9 17:55 [Signature] Received by: Via: Date Time  
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:

Turn-Around Time:  
☒ Standard    ☐ Rush

EA Engineering, Science, and Technology

Project Name:

Mailing Address:

Dona Ana Dairies (DAD'S)

320 Gold Ave SW Suite

Project #:

Phone #: 505-715-4279

email or Fax#: rmullen@east.com

Project Manager:

Gina Mullen

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 CP):

Container Type and #

Preservative Type

HEAL No.

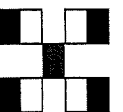
Date    Time    Matrix    Sample Name

9-10 10:51 Gw DAD-13 2

9-10 12:24 Gw DAD-23 2

9-10 13:50 Gw DAD-02 2

9-10 15:28 Gw DAD-03 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 351.2  
 Chloride EPA 300  
 TDS SM 2540 C MOD  
 Sulfate EPA 300  
 Phosphorus EPA 6010B  
 Total Sulfur

Remarks:

Date: 9-10 Time: 17:10 Relinquished by: [Signature] 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.

If necessary, samples submitted to Hal 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.



If necessary, samples submitted to Hair 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.





Client:

**EA Engineering, Science, and Technology**  
**Mailing Address:**

☒ Standard ☐ Rush

320 Gold Ave SW Suite

<b><u>Dona Ana Dairies (DAD'S)</u></b>	
<b><u>Project #:</u></b>	<b><u>"Billing Email</u></b>

Phone #: 505-715-4279

Lindaarmstrong@zianet.com

email or Fax#: rmullen@eaest.com

**Project Manager:**

QA/QC Package:

Gina Mullen

- ☐ Standard
- ☐ Level 4 (Full Validation)

Accreditation: ☐ AZ Compliance

☐ NELAC      ☐ Other \_\_\_\_\_

□ EDD (Type)

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[illegible]

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

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Client.

EA Engineering, Science, and Technology  
Mailing Address:

Mailing Address:

320 Gold Ave SW Suite

Phone #: 505-715-4279

email or Fax#: [rmullen@eaest.com](mailto:rmullen@eaest.com)

QA/QC Package:

☐ Standard ☐ Level 4 (Full Validation)

Accreditation: ☐ AZ Compliance

☐ Other ☐ NELAC

□ EDD (Type)

### Turn-Around Time:

☒ Standard ☐ Rush

Project Name:

Donna Ann DAZILES (DAD'S)  
Project #: 8; Illing Email "

lindarmstron@zianet.com

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

Date:	Time:	Relinquished by:
-------	-------	------------------

9-20 18:00 Paul M.

Date:	Time:	Relinquished by:
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Received by:	Via:	Date	Time
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Received by:	Via:	Date	Time
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Remarks:

4901 Hawkins NE - Albuquerque NM 87109

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

## Analysis Request

## HALL ENVIRONMENTAL ANALYSTS | LABORATORY

[www.hallenvironmental.com](http://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 351.2

Chloride EPA 300

TDS SM 2540 C MOD

Sulfate EPA 300

Phosphorus EPA 6010B

Total Sulfur

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 9-9-24  
 Site DAD's Time Gauged 9:30

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 74.42 feet Height of Fluid Column 1.97 feet  
 Total Depth 76.39 feet Volume in Well 0.334 gallons  
 (3 Well Volumes = 1.00 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 9:35 9-9-24 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
9:43	.50	.50	24.8	1989	7.31	146	1.45
9:49	.50	1	24.5	1889	7.28		
9:52	.25	1.25	24.4	1794	7.27		

Actual Purge Volume 2 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 10:00 9-9-24 Purged/Sampled By A.V  
 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 D4D-02 Date Gauged 9-10-24  
 Site DAD'S Time Gauged 12:50

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 68.02 feet Height of Fluid Column 0.47 feet  
 Total Depth 68.49 feet Volume in Well 0.07 gallons  
 (3 Well Volumes = 0.239 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 12:55 9-10-24 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
13:10	.25	.25	25.7	3361	7.07	137	1.74
13:20	.25	.50	25.6	3353	7.09		
13:30	.25	.75	25.8	3391	7.16		

Actual Purge Volume 1.25 gals Field Measurements stabilized within ± 10% Y

Time/Date Sampled 13:50 9-10-24 Purged/Sampled By A.N

Sample Method Bail

Requested Analyses \_\_\_\_\_

Comments/Observations very 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 9-10-24  
 Site DAD's Time Gauged 14:13

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 14.67 feet Height of Fluid Column 4.23 feet  
 Total Depth 18.90 feet Volume in Well 0.719 gallons  
 (3 Well Volumes = 2.15 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 14:18 9-10-24 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
14:24	.75	.75	25.9	2603	7.40	111	1.93
14:35	.75	1.50	24.0	2620	7.28		
14:50	.75	2.25	24.2	2466	7.23		

Actual Purge Volume 5 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 15:28 9-10-24 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-04 Date Gauged 9-11-24  
 Site DAD's Time Gauged 10:48

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 17.28 feet Height of Fluid Column 1.47 feet  
 Total Depth 18.75 feet Volume in Well 0.249 gallons  
 (3 Well Volumes = 0.74 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 10:53 9-11-24 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
10:57	.25	.25	22.7	3515	6.86	85	2.66
11:01	.25	.50	22.0	3529	7.06		
11:08	.25	.75	22.2	3535	7.22		

Actual Purge Volume 1.50 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 11:28 9-11-24 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-05 Date Gauged 9-16-24  
 Site DAD's Time Gauged 10:43

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 16.53 feet Height of Fluid Column 6.61 feet  
 Total Depth 23.14 feet Volume in Well 1.123 gallons  
 (3 Well Volumes = 3.37 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 10:48 9-16-24 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
10:59	1	1	23.2	1476	7.34	89	1.02
11:15	1	2	22.1	1458	7.30		
11:25	1.50	3.50	21.8	1483	7.22		

Actual Purge Volume 5 gals Field Measurements stabilized within ± 10% Y

Time/Date Sampled 11:47 9-16-24 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 9-12-24  
 Site DAD'S Time Gauged 10:15

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 82.91 feet Height of Fluid Column 19.19 feet  
 Total Depth 102.10 feet Volume in Well 3.262 gallons  
 (3 Well Volumes = 9.78 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 10:21 9-12-24 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
10:38	3	3	24.9	1081	7.73	143	1.31
10:55	3	6	24.5	1105	7.41		
11:15	4	10	24.7	1138	7.30		
11:18	.25	10.25	24.9	1155	7.29		

Actual Purge Volume 13 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 11:35 9-12-24 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 DAD-07 Date Gauged 9-17-24  
 Site DAD's Time Gauged 10:46

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 94.15 feet Height of Fluid Column 6.50 feet  
 Total Depth 100.65 feet Volume in Well 1.105 gallons  
 (3 Well Volumes = 3.31 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 10:52 9-17-24 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
11:06	1	1	25.6	5744	6.87	116	1.48
11:18	1	2	25.1	5878	7.09		
11:39	1.50	3.50	25.3	5931	7.19		

Actual Purge Volume 5.50 gals Field Measurements stabilized within ± 10% Y

Time/Date Sampled 12:05 9-17-24 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 9-16-24  
 Site DAD'S Time Gauged 14:15

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 53.66 feet Height of Fluid Column 2.06 feet  
 Total Depth 55.72 feet Volume in Well 0.350 gallons  
 (3 Well Volumes = 1.05 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 14:22 9-16-24 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
14:28	.50	.50	28.5	5667	7.50	60	1.48
14:34	.50	1	27.1	6249	7.38		
14:36	.25	1.25	26.7	6317	7.33		
14:40	.25	1.50	26.0	6323	7.30		

Actual Purge Volume 2.5 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 15:08 9-16-24 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  
 Site DAD's

Date Gauged 9-17-24  
 Time Gauged 14:28

Depth to PSH \_\_\_\_\_ feet

Well Diameter 2 inches

Depth to Water 57.60 feet

Height of Fluid Column 3.65 feet

Total Depth 61.25 feet

Volume in Well 0.620 gallons

(3 Well Volumes = 1.86 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 14:32 9-17-24 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
14:36	.50	.50	25.0	2942	7.00	103	2.18
14:42	.50	1	24.6	2973	7.11		
14:55	1	2	25.2	2913	7.23		

Actual Purge Volume 3 gals

Field Measurements stabilized within ± 10% Y

Time/Date Sampled 15:21 9-17-24

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-10 Date Gauged 9-19-24  
 Site DAD'S Time Gauged 13:24

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 84.01 feet Height of Fluid Column 9.84 feet  
 Total Depth 93.85 feet Volume in Well 1.672 gallons  
 (3 Well Volumes = 5.01 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 13:33 9-19-24 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
13:50	2	2	23.3	2152	6.91	100	6.55
14:06	2	4	22.9	2134	7.15		
14:22	1.25	5.25	22.1	2102	7.21		

Actual Purge Volume 7 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 14:50 9-19-24 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-11 Date Gauged 9-9-24  
 Site DADS Time Gauged 13:06

Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 25.02 feet Height of Fluid Column 22.53 feet  
 Total Depth 47.55 feet Volume in Well 14.869 gallons  
 (3 Well Volumes = 44.60 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 13:12 9-9-24 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
13:33	15	15	24.3	5737	7.09	12	1.54
14:18	15	30	22.3	5985	7.18		
14:56	15	45	23.7	6010	7.23		

Actual Purge Volume 50 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 15:37 9-9-24 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 DAD-12 Date Gauged 9-9-24  
 Site DAD's Time Gauged 10:19

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 55.53 feet Height of Fluid Column 26.72 feet  
 Total Depth 82.25 feet Volume in Well 4.542 gallons  
 (3 Well Volumes = 13.62 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 10:25 9-9-24 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
10:40	5	5	22.7	4633	7.42	146	2.11
10:51	5	10	22.5	4676	7.32		
11:02	4	14	22.7	4689	7.26		

Actual Purge Volume 19 gals Field Measurements stabilized within ± 10% Y

Time/Date Sampled 11:20 9-9-24 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 DAD-13 Date Gauged 9-10-24  
 Site DAD's Time Gauged 9:50

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 88.72 feet Height of Fluid Column 4.08 feet  
 Total Depth 92.80 feet Volume in Well 0.693 gallons  
 (3 Well Volumes = 2.08 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 9:55 9-10-24 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
10:17	1	1	24.1	3121	7.59	166	2.34
10:28	1	2	23.9	3086	7.35		
10:33	.50	2.50	23.8	2977	7.29		

Actual Purge Volume 3.50 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 10:51 9-10-24 Purged/Sampled By A.N  
 Sample Method Bail  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations slow water recovery

### 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 9-9-24  
 Site DAD'S Time Gauged 11:56

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 32.09 feet Height of Fluid Column 10.48 feet  
 Total Depth 42.57 feet Volume in Well 1.781 gallons  
 (3 Well Volumes = 5.34 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 12:04 9-9-24 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
12:15	2	2	22.8	6086	7.38	117	1.84
12:20	2	4	22.3	6061	7.44		
12:26	2	6	22.1	6072	7.30		
12:28	.25	6.25	22.5	6032	7.29		

Actual Purge Volume 8 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 12:43 9-9-24 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 DAD-15 Date Gauged 9-11-24  
 Site DAD's Time Gauged 9:10

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 97.48 feet Height of Fluid Column 12.42 feet  
 Total Depth 109.90 feet Volume in Well 2.111 gallons  
 (3 Well Volumes = 6.33 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 9:15 9-11-24 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
9:30	2	2	24.9	3900	7.41	152	2.97
9:45	2	4	25.0	4023	7.28		
10:05	2.5	6.50	25.5	4144	7.20		

Actual Purge Volume 8 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 10:20 9-11-24 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-16 Date Gauged 9-11-24  
 Site DAD'S Time Gauged 13:15

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 19.86 feet Height of Fluid Column 12.89 feet  
 Total Depth 32.75 feet Volume in Well 2.191 gallons  
 (3 Well Volumes = 6.57 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 13:23 9-11-24 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
13:35	2	2	21.3	2559	7.03	74	1.89
13:45	2	4	20.8	2571	7.14		
13:58	3	7	20.0	2540	7.23		

Actual Purge Volume 9 gals Field Measurements stabilized within ± 10% Y

Time/Date Sampled 14:10 9-11-24 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 DAD-17 Date Gauged 9-16-24  
 Site DAD's Time Gauged 9:37

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 20.89 feet Height of Fluid Column 18.01 feet  
 Total Depth 38.90 feet Volume in Well 3.061 gallons  
 (3 Well Volumes = 9.18 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 9:44 9-16-24 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
9:57	3	3	24.3	1004	7.44	121	1.05
10:10	3	6	24.4	1124	7.32		
10:15	3.50	9.50	24.6	1153	7.26		

Actual Purge Volume 13 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 10:25 9-16-24 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 DAD-18

Date Gauged 9-16-24

Site DAD's

Time Gauged 12:35

Depth to PSH \_\_\_\_\_ feet

Well Diameter 2 inches

Depth to Water 24.06 feet

Height of Fluid Column 33.09 feet

Total Depth 57.15 feet

Volume in Well 5.625 gallons

(3 Well Volumes = 16.87 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 12:42 9-16-24

Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
13:05	5	5	20.6	3945	7.40	64	2.00
13:20	5	10	19.8	4090	7.31		
13:38	7	17	21.2	4247	7.24		

Actual Purge Volume 23 gals

Field Measurements stabilized within ± 10% Y

Time/Date Sampled 14:00 9-16-24

Purged/Sampled By A.N

Sample Method Pump

Requested Analyses \_\_\_\_\_

Comments/Observations very slow water flow. Remove pump and clean pump. Reset pump.

## 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-19 Date Gauged 9-12-24  
 Site DAD'S Time Gauged 14:07

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 65.28 feet Height of Fluid Column 34.07 feet  
 Total Depth 99.35 feet Volume in Well 5.791 gallons  
 (3 Well Volumes = 17.37 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 14:18 9-12-24 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
14:26	6	6	23.6	4740	6.88	214	2.03
14:43	6	12	23.7	4803	7.08		
14:59	6	18	24.3	4915	7.17		

Actual Purge Volume 24 gals Field Measurements stabilized within ± 10% y  
 Time/Date Sampled 15:30 9-12-24 Purged/Sampled By A.N  
 Sample Method Pump  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations pump was stuck on bottom of well, had to  
fish it out.

### 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 9-20-24  
 Site DAD's Time Gauged 16:15

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 58.02 feet Height of Fluid Column 10.83 feet  
 Total Depth 68.85 feet Volume in Well 1.841 gallons  
 (3 Well Volumes = 5.52 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged \_\_\_\_\_ Purged Method \_\_\_\_\_

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

Actual Purge Volume \_\_\_\_\_ gals Field Measurements stabilized within ± 10% \_\_\_\_\_  
 Time/Date Sampled \_\_\_\_\_ Purged/Sampled By \_\_\_\_\_  
 Sample Method \_\_\_\_\_  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations No sample well is Damaged.

### 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 Date Gauged 9-17-24  
 Site DAD's Time Gauged 12:48

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 59.04 feet Height of Fluid Column 7.51 feet  
 Total Depth 66.55 feet Volume in Well 1.276 gallons  
 (3 Well Volumes = 383 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 12:55 9-17-24 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
13:12	1	1	24.6	3433	6.80	62	2.57
13:27	1	2	24.1	3647	6.97		
13:50	2	4	23.8	4276	7.17		

Actual Purge Volume 6 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 14:16 9-17-24 Purged/Sampled By A.N  
 Sample Method Bail  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations low water flow at 2 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-22 Date Gauged 9-20-24  
 Site DAD's Time Gauged 14:27

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 47.10 feet Height of Fluid Column 2.95 feet  
 Total Depth 50.05 feet Volume in Well 0.501 gallons  
 (3 Well Volumes = 1.50 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 14:35 9-20-24 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
14:45	.50	.50	25.8	3594	7.33	123	2.72
15:00	.50	1	24.9	3635	7.28		
15:18	.50	1.50	24.2	3587	7.22		

Actual Purge Volume 2.50 gals Field Measurements stabilized within ± 10% 7

Time/Date Sampled 15:45 9-20-24 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-23 Date Gauged 9-10-24  
 Site DAD's Time Gauged 11:08

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 47.28 feet Height of Fluid Column 10.47 feet  
 Total Depth 57.75 feet Volume in Well 1.779 gallons  
 (3 Well Volumes = 5.33 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 11:15 9-10-24 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
11:35	2	2	26.0	2533	7.45	131	1.87
11:48	2	4	26.8	2493	7.31		
12:07	1.50	5.50	26.5	2436	7.24		

Actual Purge Volume 7.50 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 12:24 9-10-24 Purged/Sampled By A.N  
 Sample Method Bail  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations slow water recovery, 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 DAD-24 Date Gauged 9-12-24  
 Site DAD's Time Gauged 12:10

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 67.09 feet Height of Fluid Column 63.46 feet  
 Total Depth 130.55 feet Volume in Well 10.788 gallons  
 (3 Well Volumes = 32.36 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 12:17 9-12-24 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
12:40	10	10	23.7	4364	6.96	132	1.30
13:03	10	20	23.4	4382	7.14		
13:28	13	33	24.1	4438	7.20		

Actual Purge Volume 38 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 13:50 9-12-24 Purged/Sampled By A-i  
 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 DAD-25 Date Gauged 9-17-24  
 Site DAD's Time Gauged 9:00

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 67-21 feet Height of Fluid Column 9.99 feet  
 Total Depth 77-20 feet Volume in Well 1.698 gallons  
 (3 Well Volumes = 5.09 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 9:05 9-17-24 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
9:15	1.50	1.50	23.1	3879	7.39	140	2.95
9:35	1.50	3	22.8	3754	7.10		
9:54	2.25	5.25	22.9	3842	7.16		

Actual Purge Volume 7.50 gals Field Measurements stabilized within ± 10% Y

Time/Date Sampled 10:19 9-17-24 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-26 Date Gauged 9-19-24  
 Site DAD's Time Gauged 11:12

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 49.71 feet Height of Fluid Column 12.54 feet  
 Total Depth 62.25 feet Volume in Well 2.131 gallons  
 (3 Well Volumes = 6.39 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 11:20 9-19-24 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
11:32	2	2	24.5	3546	7.02	113	2.69
11:47	2	4	24.1	3453	7.11		
12:12	3	7	23.8	3242	7.18		

Actual Purge Volume 10 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 12:40 9-19-24 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 DAD-27 Date Gauged 9-19-24  
 Site DAD's Time Gauged 9:25

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 27.49 feet Height of Fluid Column 10.16 feet  
 Total Depth 37.65 feet Volume in Well 1.727 gallons  
 (3 Well Volumes = 5.18 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 9:30 9-19-24 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
9:47	2	2	22.3	3208	7.41	142	2.41
9:59	2	4	22.1	3153	7.30		
10:10	1.50	5.50	22.5	344	7.18		

Actual Purge Volume 7.50 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 10:36 9-19-24 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:

Turn-Around Time:  
☒ Standard ☐ Rush

EA Engineering, Science, and Technology

Project Name:

Mailing Address:

Del Oro Dairy

320 Gold Ave SW Suite

Project #:

Phone #: 505-715-4279

Email or Fax#: rmullen@eaest.com

Project Manager:

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.

9-6 10:20

Gw

EW-02

2

Nitrate/Nitrites EPA Method 300

TKN 351.2

Chloride EPA 300

TDS SM 2540 C MOD

Sulfate EPA 300

Phosphorus EPA 6010B

Total Sulfur

9-6 12:12

Gw

EW-01

2

Nitrate/Nitrites EPA Method 300

TKN 351.2

Chloride EPA 300

TDS SM 2540 C MOD

Sulfate EPA 300

Phosphorus EPA 6010B

Total Sulfur

9-6 13:44

Gw

692-10

2

Nitrate/Nitrites EPA Method 300

TKN 351.2

Chloride EPA 300

TDS SM 2540 C MOD

Sulfate EPA 300

Phosphorus EPA 6010B

Total Sulfur

9-6 15:49

Gw

692-08

2

Nitrate/Nitrites EPA Method 300

TKN 351.2

Chloride EPA 300

TDS SM 2540 C MOD

Sulfate EPA 300

Phosphorus EPA 6010B

Total Sulfur

Date: Time: Relinquished by:

Received by: Via: Date Time

Remarks:

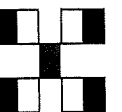
9-6 17:30

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.



**HALL ENVIRONMENTAL**  
**ANALYSIS LABORATORY**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

# MONITOR WELL DEVELOPMENT FIELD FORM

## FLUID LEVEL DATA

Well ID Ew-01  
 Site Del Oro

Date Gauged 9-6-24  
 Time Gauged 10:46

Depth to PSH \_\_\_\_\_ feet      Well Diameter 4 inches  
 Depth to Water 1 feet      Height of Fluid Column 1 feet  
 Total Depth \_\_\_\_\_ feet      Volume in Well \_\_\_\_\_ gallons

(3 Well Volumes = 15 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 10:57 9-6-24      Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
11:15	5	5	24.0	5066	6.94	153	1.94
11:25	5	10	23.9	5591	7.04		
11:50	5	15	24.3	5464	7.20		

Actual Purge Volume 20 gals

Field Measurements stabilized within ± 10% Y

Time/Date Sampled 12:12 9-6-24

Purged/Sampled By AN

Sample Method Pump

Requested Analyses \_\_\_\_\_

Comments/Observations pump stopped pumping water around 12 gals then continue.

## 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

\_\_\_\_\_

Well ID	<u>FW-02</u>	Date Gauged	<u>9-6-24</u>
Site	<u>Del Oro</u>	Time Gauged	<u>9:28</u>

Total Depth \_\_\_\_\_ feet      Volume in Well \_\_\_\_\_ gallons

(3 Well Volumes = 15 gallons)

Time/date Purged 9:37 9-6-24 Purged Method Pump

[illegible]

Sample Method Pump

Comments/Observations \_\_\_\_\_

\_\_\_\_\_

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 EW03  
 Site Del Oro

Date Gauged 9-4-24  
 Time Gauged 13:24

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 \_\_\_\_\_ Purged Method \_\_\_\_\_

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% ✓

Time/Date Sampled 9/4/24

Purged/Sampled By Ø

Sample Method Ø

Requested Analyses \_\_\_\_\_

Comments/Observations No sample, well not working

### 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 9-4-24  
 Site Del Oro Time Gauged 12:00

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 = 15 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 12:06 9-4-24 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	23.4	2785	7.43	165	2.09
12:37	5	10	23.5	2772	7.36		
12:51	5	15	23.7	2762	7.31		
12:53	.25	15.25	23.6	2750	7.29		

Actual Purge Volume 20 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 13:12 9-4-24 Purged/Sampled By A.W  
 Sample Method Pump  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations 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 EW-05 Date Gauged 9-4-24  
 Site Del Oro Time Gauged 9:30

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 = 15 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 9:35 9-4-24 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
9:47	5	5	22.8	3011	7.49	159	2.26
9:59	5	10	23.2	2912	7.33		
10:13	5	15	23.1	2885	7.26		

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

Time/Date Sampled 10:26 9-4-24 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 692-02

Date Gauged 9-4-24

Site Del Oro

Time Gauged 11:03

Depth to PSH \_\_\_\_\_ feet

Well Diameter 4 inches

Depth to Water 60.14 feet

Height of Fluid Column 6.01 feet

Total Depth 66.15 feet

Volume in Well 3.966 gallons

(3 Well Volumes = 11.89 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 11:09 9-4-24 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
<u>11:20</u>	<u>4</u>	<u>4</u>	<u>23.5</u>	<u>2705</u>	<u>7.38</u>	<u>152</u>	<u>2.03</u>
<u>11:30</u>	<u>4</u>	<u>8</u>	<u>23.6</u>	<u>2683</u>	<u>7.30</u>		
<u>11:40</u>	<u>4</u>	<u>12</u>	<u>23.6</u>	<u>2717</u>	<u>7.24</u>		

Actual Purge Volume 16 gals

Field Measurements stabilized within ± 10% Y

Time/Date Sampled 11:50 9-4-24

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 692-04 Date Gauged 9-4-24  
 Site Del Oro Time Gauged 10:45

Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water Dry feet Height of Fluid Column \_\_\_\_\_ feet  
 Total Depth 60.60 feet Volume in Well \_\_\_\_\_ gallons  
 (3 Well Volumes = \_\_\_\_\_ gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged \_\_\_\_\_ Purged Method \_\_\_\_\_

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 9/4/24 Purged/Sampled By [Signature]  
 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

		FLUID LEVEL DATA	
Well ID	<u>69205</u>	Date Gauged	<u>9-5-24</u>
Site	<u>Del Oro</u>	Time Gauged	<u>9:28</u>
Depth to PSH	<u>          </u> feet	Well Diameter	<u>4</u> inches
Depth to Water	<u>82.13</u> feet	Height of Fluid Column	<u>5.37</u> feet
Total Depth	<u>87.50</u> feet	Volume in Well	<u>3.544</u> gallons
		(3 Well Volumes = <u>10.63</u> gallons)	

Time/date Purged 9:36 9-5-24 Purged Method Pump

[illegible]

Actual Purge Volume 15 gals  
Field Measurements stabilized within  $\pm 10\%$  Y  
Time/Date Sampled 11:10 9-5-24  
Purged/Sampled By A.N  
Sample Method Pump  
Requested Analyses \_\_\_\_\_  
Comments/Observations water recovery very slow.

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 9-5-24  
 Site Del On Time Gauged 11:45

Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 84.02 feet Height of Fluid Column 6.23 feet  
 Total Depth 90.25 feet Volume in Well 4.11 gallons  
 (3 Well Volumes = 12.33 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 11:50 9-5-24 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
12:22	4	4	23.3	2343	7.24	144	1.73
12:52	4	8	23.1	2320	7.22		
13:17	5	13	23.3	2311	7.21		

Actual Purge Volume 17 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 13:36 9-5-24 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 692-07 Date Gauged 9-5-24  
 Site Del Oro Time Gauged 13:52  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 75.37 feet Height of Fluid Column 2.38 feet  
 Total Depth 77.75 feet Volume in Well 1.570 gallons  
 (3 Well Volumes = 4.71 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 13:58 9-5-24 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
14:17	2	2	24.5	2515	7.58	101	1.86
14:29	2	4	23.9	2527	7.35		
14:41	1	5	23.9	2613	7.30		

Actual Purge Volume 7 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 15:05 9-5-24 Purged/Sampled By A.N  
 Sample Method Bail  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations slow water recovery, 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 692-08 Date Gauged 9-6-24  
 Site Del Oro Time Gauged 13:35

Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 69.40 feet Height of Fluid Column 7.80 feet  
 Total Depth 77.20 feet Volume in Well 5.148 gallons  
 (3 Well Volumes = 15.44 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 13:45 9-6-24 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
14:15	5	5	25.1	2151	7.13	10	1.57
14:40	5	10	29.4	2193	7.17		
15:15	6	16	30.0	2241	7.24		

Actual Purge Volume 218 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 15:49 9-6-24 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 642-09 Date Gauged 9-4-24  
 Site Del Oro Time Gauged 13:55  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 85.29 feet Height of Fluid Column 5.86 feet  
 Total Depth 91.15 feet Volume in Well 3.867 gallons  
 (3 Well Volumes = 11.60 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 14:01 9-4-24 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
14:15	4	4	23.4	2246	7.51	157	1.65
14:30	4	8	24.5	2232	7.38		
14:52	4	12	24.9	2251	7.31		

Actual Purge Volume 16 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 15:28 9-4-24 Purged/Sampled By Ain  
 Sample Method Pump  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations water stops around 3-gals and then continues to pump 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

# MONITOR WELL DEVELOPMENT FIELD FORM

## FLUID LEVEL DATA

Well ID 692-10  
 Site Del On

Date Gauged 9-6-24  
 Time Gauged 12:30

Depth to PSH \_\_\_\_\_ feet

Well Diameter 2 inches

Depth to Water 75.05 feet

Height of Fluid Column 2.85 feet

Total Depth 77.90 feet

Volume in Well 0.484 gallons

(3 Well Volumes = 1.45 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 12:35 9-6-24 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
<u>12:40</u>	<u>.50</u>	<u>.50</u>	<u>23.8</u>	<u>2777</u>	<u>7.03</u>	<u>118</u>	<u>2.08</u>
<u>12:51</u>	<u>.50</u>	<u>1</u>	<u>23.1</u>	<u>2751</u>	<u>7.08</u>		
<u>13:06</u>	<u>.50</u>	<u>1.50</u>	<u>23.4</u>	<u>2730</u>	<u>7.19</u>		

Actual Purge Volume 3 gals

Field Measurements stabilized within ± 10% Y

Time/Date Sampled 13:14 9-6-24

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



necessary, samples submitted to Hal 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 42-02 Date Gauged 8-22-24  
 Site Dominique 2 Time Gauged 9:42  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 31.81 feet Height of Fluid Column 33.54 feet  
 Total Depth 65.35 feet Volume in Well 22.136 gallons  
 (3 Well Volumes = 66.40 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 9:48 8-22-24 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
10:25	25	25	21.1	3815	7.50	134	2.92
10:55	25	50	21.8	3838	7.31		
11:26	17	67	21.9	3894	7.23		

Actual Purge Volume 72 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 11:46 8-22-24 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 8-21-24  
 Site Dominquez Dring 2 Time Gauged 9:36  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 87.22 feet Height of Fluid Column 10.00 feet  
 Total Depth 97.22 feet Volume in Well 6.60 gallons  
 (3 Well Volumes = 19.80 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 9:43 8-21-24 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
9:56	7	7	26.5	4976	7.33	131	1.81
10:13	7	14	26.4	4939	7.25		
10:27	6	20	26.3	4960	7.18		

Actual Purge Volume 25 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 10:45 8-21-24 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 8-21-24  
 Site Dominique 2 Time Gauged 13:30

Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 38.31 feet Height of Fluid Column 3.24 feet  
 Total Depth 41.55 feet Volume in Well 2.138 gallons  
 (3 Well Volumes = 6.41 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 13:36 8-21-24 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
13:51	2	2	23.8	3200	8.00	66	2.36
14:20	2	4	22.8	3157	7.68		
14:42	3	7	21.9	3042	7.41		
14:45	.25	7.25	22.4	3030	7.30		

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

Time/Date Sampled 15:05 8-21-24 Purged/Sampled By A.i

Sample Method Pump

Requested Analyses \_\_\_\_\_

Comments/Observations pump stopped pumping had to pull out and check pump, pump was clogged change out cap filter from pump

## 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 8-22-24  
 Site Dominquez 2 Time Gauged 12:15

Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 34.86 feet Height of Fluid Column 0.24 feet  
 Total Depth 35.10 feet Volume in Well 0.158 gallons  
 (3 Well Volumes = .475 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 12:20 8-22-24 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
12:35	.25	.25	22.0	3762	7.38	113	2.60
12:45	.25	.50	22.2	3724	7.30		
12:55	.25	.75	22.5	3701	7.26		

Actual Purge Volume 1.25 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 13:15 8-22-24 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 42-10 Date Gauged 8-22-24  
 Site Dominguez 2 Time Gauged 15:31

Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 121.20 feet Height of Fluid Column 2.40 feet  
 Total Depth 123.60 feet Volume in Well 1.584 gallons  
 (3 Well Volumes = 4.75 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 15:36 8-22-24 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
15:50	1.50	1.50	32.0	3135	7.42	99	2.09
16:13	1.50	3	32.2	3110	7.34		
16:35	2	5	32.5	3084	7.27		

Actual Purge Volume 7 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 16:48 8-22-24 Purged/Sampled By A.N  
 Sample Method Pump  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations 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 42-11  
 Site Dominique 2

Date Gauged 8-22-24  
 Time Gauged 13:25

Depth to PSH \_\_\_\_\_ feet      Well Diameter 4 inches  
 Depth to Water 131.52 feet      Height of Fluid Column 1.98 feet  
 Total Depth 133.50 feet      Volume in Well 1.306 gallons  
 (3 Well Volumes = 3.91 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 13:30 8-22-24      Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
13:38	1	1	34.5	1900	7.56	28	1.35
13:47	1	2	34.2	1917	7.42		
13:58	2	4	34.3	1937	7.30		

Actual Purge Volume 6 gals      Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 14:13 8-22-24      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 42-12

Date Gauged 8-22-24

Site Dominique 22

Time Gauged 14:27

Depth to PSH \_\_\_\_\_ feet

Well Diameter 4 inches

Depth to Water 137.71 feet

Height of Fluid Column 1.74 feet

Total Depth 139.45 feet

Volume in Well 1.148 gallons

(3 Well Volumes = 3.44 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 14:32 8-22-24 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
14:44	1.50	1.50	28.8	2628	7.38	192	1.45
14:54	1.50	3	28.6	2659	7.33		
15:05	1	4	28.3	2671	7.28		

Actual Purge Volume 5.50 gals

Field Measurements stabilized within ± 10% Y

Time/Date Sampled 15:20 8-22-24

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 42-13 Date Gauged 8-21-24  
 Site Dominique 2 Time Gauged 11:12  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 62.48 feet Height of Fluid Column 5.15 feet  
 Total Depth 67.63 feet Volume in Well 3.399 gallons  
 (3 Well Volumes = 10.19 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 11:18 8-21-24 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
11:36	4	4	25.7	4883	7.00	91	1.33
11:55	4	8	25.8	4897	7.10		
12:25	3	11	26.0	4913	7.20		

Actual Purge Volume 15 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 12:50 8-21-24 Purged/Sampled By A.W  
 Sample Method Pump  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations 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 624-01 Date Gauged 8-23-24  
 Site Dominguez Time Gauged 8:55

Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 31.17 feet Height of Fluid Column 15.63 feet  
 Total Depth 46.80 feet Volume in Well 10.315 gallons  
 (3 Well Volumes = 30.94 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 9:03 8-23-24 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
9:25	10	10	21.6	4624	7.33	116	1.35
9:50	10	20	21.5	4668	7.29		
10:20	11	31	21.8	4715	7.20		

Actual Purge Volume 36 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 10:30 8-23-24 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 624-02 Date Gauged 8-23-24  
 Site Dominquez 1 Time Gauged 10:42

Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 22.68 feet Height of Fluid Column 14.76 feet  
 Total Depth 37.44 feet Volume in Well 9.741 gallons  
 (3 Well Volumes = 29.22 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 10:48 8-23-24 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
11:17	10	10	21.6	3503	7.46	97	2.67
11:28	10	20	21.1	3518	7.37		
11:49	10	30	22.6	3627	7.28		

Actual Purge Volume 35 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 12:15 8-23-24 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 692-09 Date Gauged 8-26-24  
 Site Dominique 2.1 Time Gauged 9:46

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 23.78 feet Height of Fluid Column 9.07 feet  
 Total Depth 32.85 feet Volume in Well 1.541 gallons  
 (3 Well Volumes = 4.62 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 9:55 8-26-24 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
10:10	1.50	1.50	22.5	2456	7.68	147	1.82
10:20	1.50	3	22.1	2517	7.30		
10:36	2	5	22.0	2582	7.19		

Actual Purge Volume 7 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 10:50 8-26-24 Purged/Sampled By A.✓  
 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 624-10 Date Gauged 8-26-24  
 Site Dominique 21 Time Gauged 11:18

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 26.37 feet Height of Fluid Column 10.98 feet  
 Total Depth 37.35 feet Volume in Well 1.866 gallons  
 (3 Well Volumes = 5.59 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 11:23 8-26-24 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
11:36	2	2	21.4	4237	7.49	102	2.22
11:49	2	4	20.9	4415	7.32		
11:59	2	6	20.6	4444	7.24		

Actual Purge Volume 8 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 12:20 8-26-24 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 8-23-24

Site Dominguez

Time Gauged 7:45

Depth to PSH \_\_\_\_\_ feet

Well Diameter 2 inches

Depth to Water 56.07 feet

Height of Fluid Column 12.84 feet

Total Depth 68.91 feet

Volume in Well 2-182 gallons

(3 Well Volumes = 6.54 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 7:56 8-23-24

Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
8:11	2	2	22.6	6163	7.17	152	1.94
8:22	2	4	22.7	6455	7.08		
8:34	3	7	22.3	6511	7.22		

Actual Purge Volume 9 gals

Field Measurements stabilized within ± 10% Y

Time/Date Sampled 8:43 8-23-24

Purged/Sampled By A-i

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@east.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 #: "Billing Email

Lindaarmstrong@zianet.com

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

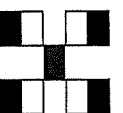
Date: Time: Relinquished by:

9-20 18:00 Relinquished by: [Signature]

Date: Time: Relinquished by:

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 351.2  
Chloride EPA 300  
TDS SM 2540 C MOD  
Sulfate EPA 300  
Phosphorus EPA 6010B  
Total Sulfur

# Chain-of-Custody Record

Client:

Turn-Around Time:  
☒ Standard    ☐ Rush

EA Engineering, Science, and Technology

Project Name:

Mailing Address:

**Bright Star Dairy**

320 Gold Ave SW Suite

Project #: "Billing Email

Phone #: 505-715-4279

Lindaarmstrong@zianet.com

email or Fax#: rmullen@eaest.com

Project Manager:

QA/QC Package:

Gina Mullen

☐ 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 CP):

Date Time Matrix Sample Name

Container Type and # Preservative Type

HEAL No.

9-20 12:26 Lagoon 340-Lagoon

2

X

X

X

X

X

Nitrate/Nitrites EPA Method 300

TKN 351.2

Chloride EPA 300

TDS SM 2540 C MOD

Sulfate EPA 300

Phosphorus EPA 6010B

Total Sulfur

Date: Time: Relinquished by:

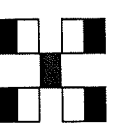
Received by: Via: Date Time

Remarks:

9-20 18:00 *And Mr*

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.



**HALL ENVIRONMENTAL  
ANALYSIS LABORATORY**

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

Analysis Request

# 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@east.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 #: "Billing Email

Lindaarmstrong@zianet.com

Project Manager:

Gina Mullen

Sampler: Angel N. Rivera

On Ice: ☐ Yes ☐ No

# of Coolers:

Cooler Temp (including CP):

Container Type and # Preservative Type HEAL No.

2

Date: Time: Relinquished by:

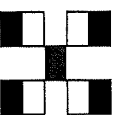
9-20 1800 *Del NW*

Date: Time: Relinquished by:

Received by: Via: Date Time

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 351.2  
Chloride EPA 300  
TDS SM 2540 C MOD  
Sulfate EPA 300  
Phosphorus EPA 6010B  
Total Sulfur

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 8-20-24

Site Mountain View

Time Gauged 10:53

Depth to PSH \_\_\_\_\_ feet

Well Diameter 4 inches

Depth to Water 40.25 feet

Height of Fluid Column 5.70 feet

Total Depth 45.95 feet

Volume in Well 3.762 gallons

(3 Well Volumes = 11.28 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 10:59 8-20-24

Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
11:12	4	4	23.8	4759	7.14	31	1.36
11:25	4	8	23.1	4659	7.17		
11:43	4	12	23.5	4648	7.23		

Actual Purge Volume 16 gals

Field Measurements stabilized within ± 10% Y

Time/Date Sampled 11:58 8-20-24

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 8-20-24  
 Site Mountain View Time Gauged 12:49

Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 49.05 feet Height of Fluid Column 0.75 feet  
 Total Depth 49.80 feet Volume in Well 0.445 gallons  
 (3 Well Volumes = 1.48 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 12:55 8-20-24 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
13:10	.50	.50	24.2	4055	7.28	40	2.03
13:20	.50	1	24.5	4082	7.36		
13:30	.50	1.50	24.4	4066	7.26		

Actual Purge Volume 2.50 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 13:51 8-20-24 Purged/Sampled By A.N  
 Sample Method Bail  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations Very low 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 70-03 Date Gauged 8-20-24  
 Site Mountain View Time Gauged 9:08  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 60.07 feet Height of Fluid Column 1.58 feet  
 Total Depth 61.65 feet Volume in Well 1.042 gallons  
 (3 Well Volumes = 3.12 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 9:16 8-20-24 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
9:24	1	1	23.8	7172	7.34	130	1.57
9:39	1	2	22.6	7233	7.26		
9:54	1.25	3.25	22.9	7250	7.20		

Actual Purge Volume 4 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 10:10 8-20-24 Purged/Sampled By A.N  
 Sample Method Bail  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations slow water flow, slow water recovery

## 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 8-20-24  
 Site Mountain View Time Gauged 14:25

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 37.19 feet Height of Fluid Column 10.44 feet  
 Total Depth 47.83 feet Volume in Well 1.808 gallons  
 (3 Well Volumes = 5.42 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 14:30 8-20-24 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
14:40	2	2	25.1	4405	7.12	87	1.33
14:50	2	4	24.9	4520	7.18		
15:00	2	6	25.3	4533	7.24		

Actual Purge Volume 8 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 15:20 8-20-24 Purged/Sampled By A.v  
 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

## RE: Organ Dairy - Dona Ana Gauging



Elisabeth Vulpas <Elisabeth.Vulpas@gza.com>

To Mullen, Regina



Organ Q3.pdf  
847 KB



Hi Gina,

I have attached the 3<sup>rd</sup> Qtr Organ Dairy lab data, and the MW DTWs and field parameters are as follows:

**MW 126-04** DTW=Dry, not enough water to collect field parameters  
**MW 126-05** DTW=30.6, not enough water to collect field parameters  
**MW 126-07** DTW=Dry, not enough water to collect field parameters  
**MW 126-09** DTW=No access  
**MW 126-12** DTW=26.26, pH=7.1, EC=2720, Temp=22.0°C  
**MW 126-13** DTW=46.51, pH=6.96, EC=3620, Temp=23.4°C

Please let me know if you need anything else!

Thanks,  
Lisa

Client:

EA Engineering, Science, and Technology

**Mailing Address:**

320 Gold Ave SW Suite

Phone #: 505-715-4279

email or Fax#: [rmullen@eaest.com](mailto: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):

(including CF):

HEAL NO.

## Type and

Type

2

2

2

Received by:

Via:

Date \_\_\_\_\_ Time \_\_\_\_\_

Received by:

Via:

Date \_\_\_\_\_ Time \_\_\_\_\_

Remarks:	
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## HALL ENVIRONMENTAL ANALYSTS | LABORATORY

[www.hallenvironmental.com](http://www.hallenvironmental.com)

4901 Hawkins NE - Albuquerque, NM 87109

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

## Analysis Request

[illegible]

**necessary, samples submitted to Hal 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 9-3-24  
 Site Sunset Dairm Time Gauged 11:50

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 22.57 feet Height of Fluid Column 3.28 feet  
 Total Depth 25.85 feet Volume in Well 0.557 gallons  
 (3 Well Volumes = 1.67 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 11:55 9-3-24 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
12:05	.50	.50	20.9	5451	7.43	148	1.40
12:11	.50	1	20.1	5487	7.27		
12:20	.75	1.75	20.2	5515	7.23		

Actual Purge Volume 2.25 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 12:43 9-3-24 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 9-3-24  
 Site Sunset Dairy Time Gauged 13:05

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 17.20 feet Height of Fluid Column 3.68 feet  
 Total Depth 20.88 feet Volume in Well 0.625 gallons  
 (3 Well Volumes = 1.87 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 13:10 9-3-24 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
13:18	.50	.50	22.3	4001	7.52	82	2.02
13:25	.50	1	21.9	3950	7.35		
13:35	1	2	21.3	3922	7.22		

Actual Purge Volume 3 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 13:47 9-3-24 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 25703 Date Gauged 9-3-24  
 Site SunSET Drim Time Gauged 11:28

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 14.55 feet Height of Fluid Column 1.63 feet  
 Total Depth 16.18 feet Volume in Well 0.2771 gallons  
 (3 Well Volumes = 0.83 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 11:35 9-3-24 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 of bailer.

## 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 9-3-24  
 Site Sunset Dairy Time Gauged 14:08

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 33.34 feet Height of Fluid Column 6.61 feet  
 Total Depth 39.95 feet Volume in Well 1.723 gallons  
 (3 Well Volumes = 3.37 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 14:14 9-3-24 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
14:24	1	1	23.1	6426	7.84	80	1.51
14:35	1	2	23.2	6234	7.68		
14:47	1.50	3.50	23.6	6303	7.39		
14:50	.25	3.75	23.4	6261	7.35		

Actual Purge Volume 5 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 15:20 9-3-24 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