

**APPENDIX A**

**FIELD FORMS**

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

ATTACHMENT B MONITOR 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 <sup>b</sup>	Notes or Total Depth (ft) <sup>b</sup>
<b>NORTHERN AREA</b>						
<b>Northern Land Application Area (DP-340)</b>						
✓ 70-03	424580.78	1510233.88	2-19-19	841	56.90	61.25
✓ 70/86/340-01	427320.92	1508461.05	2-19-19	832	50.16	67.73
✓ 86/340-01	432021.33	1503216.90	2-19-19	820	56.61	70.0
<b>Del Norte Dairy (Organ) (DP-126)</b>						
✓ 126-04	423258.23	1510546.24	2-19-19	853	35.32	38.25
✓ 126-05	422293.26	1510649.84	2-19-19	856	27.25	31.50
✓ 126-07	423613.62	1509986.47	2-19-19	847	35.50	39.18
✓ 126-09	425154.15	1510994.31	2-19-19	827	78.70	82.63
✓ 126-12	421492.11	1510198.45	2-19-19	900	22.50	29.82
✓ 126-13	423431.96	1510657.41	2-19-19	844	42.45	58.87
<b>Mountain View Dairy (DP-70)</b>						
✓ 70-01	423303.43	1510585.63	2-19-19	850	36.90	45.63
✓ 70-02	423412.73	1511192.51	2-19-19	911	46.64	49.67
✓ 70-04	422798.94	1510922.2	2-19-19	<del>853</del> 914	<del>35.32</del>	35.0 47.90
<b>Buena Vista Dairy I (DP-86)</b>						
✓ 86-01	421534.62	1511667.76	2-19-19	927	50.15	54.33
✓ 86-02	421792.08	1510881.53	2-19-19	916	32.27	48.48
<b>Bright Star Dairy (DP-340)</b>						
✓ 340-01	421410.13	1511423.42	2-19-19	920	43.18	48.12
✓ 340-02	420641.08	1512051.57	2-19-19	923	54.67	56.86
<b>Gonzalez Dairy (DP-177)</b>						
✓ 177-01	417300.94	1512942.63	2-19-19	1003	19.14	25.27
✓ 177-02	416738.21	1513246.51	2-19-19	1006	19.52	25.30
✓ 177-03A	416211.35	1513814.71	2-19-19	1024	21.10	35.21
✓ 177-04	416796.99	1513733.28	2-19-19	1020	24.75	46.25
✓ 177-05	417302.42	1514116.55	2-19-19	1028	38.20	48.85
✓ 177-06	417301.84	1514765.63	2-19-19	1017	DRY	51.70
✓ 177-07R	415240.93	1515476.47	2-19-19	1010	46.60	59.15
<b>Dominguez 2 Dairy (DP-42)</b>						
✓ 42-02	419982.45	1511126.19	2-19-19	1043	27.3	65.7
✓ 42-03	419710.55	1514064.35	2-19-19	1033	85.05	911
✓ 42-06	420021.61	1511465.15	2-19-19	1047	33.60	41.5
✓ 42-07	420584.80	1513076.66	2-19-19	1050	DRY	75.5
✓ 42-08	419994.93	1511197.91	2-19-19	1045	29.42	35.0
✓ 42-09	419729.17	1512255.76	2-19-19	1037	49.69	58.3 Damaged
✓ 42-10	421426.39	1514460.40	2-19-19	1121	116.10	123.5
✓ 42-11	420693.98	1515270.32	2-19-19	1112	126.61	133.5
✓ 42-12	420972.09	1515423.88	2-19-19	1117	133.15	139.4
✓ 42-13	419734.06	1512534.42	2-19-19	1040	58.10	67.5
<b>Dominguez Dairy (DP-624)</b>						
✓ 624-01	418826.21	1512131.46	2-19-19	943	27.80	46.71
✓ 624-02	417335.25	1512201.42	2-19-19	1000	19.64	37.30
✓ 624-04	418542.24	1508104.07	2-19-19	947	DRY	17.49
✓ 624-05	419777.52	1509829.65	2-19-19	950	16.81	17.41
✓ 624-06	418502.42	1513981.08	2-19-19	940	DRY	52.25
✓ 624-07	418012.23	1514707.77	2-19-19	937	DRY	55.73
✓ 624-08	421461.78	1507712.04	2-19-19	954	DRY	19.30

575-644-7587  
575-233-4801

69202 58.89

TRN Nitrate

M+Vuo 00457 Pinct  
Oxygen Injection well

Scott Bernel 575-644-7009

ATTACHMENT B MONITOR 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 <sup>b</sup>	Notes or Total Depth (ft) <sup>b</sup>		
<b>CENTRAL AREA</b>								
<b>Buena Vista Dairy II (DP-74)</b>								
✓ 74-01	405434.93	1519310.15	2-20-19	8:12	35.75	45-10		
✓ 74-02	404574.08	1519035.52	2-20-19	8:15	16.0	20.18		
✓ 74-03	407163.61	1516711.72	2-20-19	8:18	15.57	20.15		
✓ 74-04	405488.65	1519864.48	2-20-19	8:21	47.95	57.85		
✓ 74-05	404747.71	1519885.30	2-20-19	8:24	40.65	57.0		
<b>River Valley Dairy (DP-167)</b>								
167-01	402518.37	1518459.71	X			Gauge only - Do not sample		
167-01A	402518.18	1518936.72						
167-02	402498.30	1519354.81						
167-03	402981.73	1519415.73						
167-04	402032.19	1519884.60						
167-05	397947.44	1520446.03						
167-06	404479.35	1519603.88						
167-07	402562.23	1518480.34						
167-08	399352.96	1519889.65						
167-09	398473.95	1519259.34						
<b>Big Sky Dairy (DP-833)</b>								
✓ 833-02	401200.32	1520639.92	2-20-19	8:46	33.90	57.70		
✓ 833-04	402898.52	1520659.33	↓		8:40	42.36	53.66	
✓ 833-05	399712.39	1522374.73			9:05	64.85	73.40	
✓ 833-06	402219.48	1522652.04			9:32	75.56	85.10	
✓ 833-07	399298.80	1522082.75			9:02	60.35	73.10	
✓ 833-08	400535.64	1521938.23			8:59	60.10	73.0	
✓ 833-09	398280.67	1520918.52			9:14	26.24	39.40	
✓ 833-10	396715.89	1520283.60			9:19	21.04	36.96	
<b>Sunset/Desert Land Dairy (DP-257)</b>								
✓ 257-01	395856.31	1520572.16		2-19-19	11:53	20.85	25.91	
✓ 257-02	394728.34	1521030.29		2-19-19	11:57	15.05	20.70	
✓ 257-03	397935.69	1518746.14	2-19-19	11:42	13.35	13.96		
<b>SOUTHERN AREA</b>								
<b>Del Oro Dairy (DP-692)</b>								
692-02	372984.72	1531192.10	2-20-19	9:55	59.0	66.65		
692-04	372982.53	1531555.21	2-20-19	9:52	DP8	61.98		
692-05	374807.26	1532403.00	↓		10:16	80.65	88.0	Pump
692-06	375054.77	1532411.83			10:10	82.50	90.11	
692-07	374944.88	1532019.81			10:06	79.11	80	Pump
692-08	375535.69	1531378.09			10:02	67.75	80	Pump
692-09	373575.83	1532395.09			9:58	83.81	90	Pump

ATTACHMENT B MONITOR 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 <sup>b</sup>	Notes or Total Depth (ft) <sup>b</sup>
<b>ADDITIONAL WELLS &amp; DRAIN CROSSINGS (DAD)</b>						
<b>Anthony Waste Water Treatment Plant</b>						
MW-1	372097.86	1532364.36	3-1-19	8:21	61.06	79.94
MW-2	NM	NM	3-1-19	8:18	62.62	79.95
MW-3	NM	NM	3-1-19	8:25	57.18	78.41
<b>ABATEMENT PLAN MONITOR WELLS</b>						
✓ DAD-01	422970.59	1512825.76	2-19-19	9:30	72.51	76.20
✓ DAD-02	413002.98	1517319.93	2-19-19	11:00	65.90	68.13
✓ DAD-03	407721.31	1516497.85	2-19-19	11:31	12.45	18.9
✓ DAD-04	404576.66	1517413.28	2-19-19	11:37	15.85	18.54
✓ DAD-05	396712.87	1519102.06	2-19-19	11:44	15.65	23.40
DAD-06	404273.19	1522081.00	—	—	—	long PVC in well
DAD-07	399270.18	1524320.88	2-20-19	9:40	92.24	100.10
✓ DAD-08	395287.38	1522575.07	2-20-19	9:21	50.77	55.74
DAD-09	373259.30	1530905.70	2-20-19	10:23	57.75	61.40
DAD-10	372980.55	1532375.33	2-20-19	9:49	82.71	94.38
DAD-11	416211.35	1513814.71	2-19-19	10:23	21.35	47.38
DAD-12	419731.54	1512274.77	2-19-19	10:35	51.65	82.25
DAD-13	417879.08	1515673.13	2-19-19	9:35	86.29	92.77
DAD-14	414923.33	1514695.26	2-19-19	10:09	29.24	42.50
DAD-15	402001.22	1523552.04	2-21-19	9:02	95.71	109.28
DAD-16	400628.77	1519350.74	2-20-19	8:30	17.45	32.65
DAD-17	393991.97	1520267.94	2-19-19	11:48	19.20	38.25
DAD-18	395714.14	1520588.96	2-20-19	9:20	22.24	56.97
DAD-19	400164.47	1522027.92	2-20-19	9:11	63.40	99.20
DAD-20	371751.45	1531188.19	2-20-19	10:34	54.60	69.0
DAD-21	374013.39	1530983.98	2-20-19	10:20	58.62	66.50
DAD-22	373029.62	1530352.69	2-20-19	10:26	47.31	50.10
DAD-23	413958.29	1515697.17	2-19-19	10:55	43.75	57.70
DAD-24	400183.23	1522052.57	2-20-19	9:08	64.52	130.30
DAD-25	394560.83	1524599.12	2-20-19	9:25	67.65	77.20
DAD-26	372513.58	1530789.76	2-20-19	10:30	50.12	62.30

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

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

Well ID: LRG-4116 Sample ID: \_\_\_\_\_ Sample Time: 1201

Well owner/location/residence: Big Sky

Street address: \_\_\_\_\_

Filtration system? (circle one) NA Y N Sampling personnel: Justin Vasquez

Start purge time: NA Weather: Sunny

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

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

Field Parameters:

Time:	<u>1201</u>				Within	Circle One:
Specific Conductance:	<u>2546</u>				10%	<input checked="" type="radio"/> $\mu\text{s/cm}$ <input type="radio"/> ms/cm
pH:	<u>7.24</u>				+/- 0.5	
Temperature:	<u>23.9</u>				+/- 1 C	<input type="radio"/> °F <input checked="" type="radio"/> °C
ORP:	<u>126</u>				mV	

Notes/Comments: Sample collected from valve coming off PVC from pump

Well Configuration

Recorded By: [Signature]

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

Well ID: LRG-4001-S-2 Sample ID: \_\_\_\_\_ Sample Time: 9:28

Well owner/location/residence: Big Sky

Street address: \_\_\_\_\_

Filtration system? (circle one) NO Y N Sampling personnel: Justin Vasquez

Start purge time: NA Weather: Sunny

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

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

Field Parameters:

Time: <u>9:28</u>				Within	Circle One:
Specific Conductance: <u>2770</u>				10%	<u>μs/cm</u> ms/cm
pH: <u>7.4</u>				+/- 0.5	
Temperature: <u>7.20</u>				+/- 1 C	°F <u>45</u>
ORP: <u>118</u>					mV

Notes/Comments: Sample collected from PVC coming out of ground

Well Configuration

Recorded By: July

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 833-02 Date Gauged 3-4-11  
 Site Dig Site Time Gauged 849  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 34.04 feet Height of Fluid Column 23.66 feet  
 Total Depth 57.70 feet Volume in Well 15.6153 gallons  
 (3 Well Volumes = 46.8468 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 857 3-4-11 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
857			14.8	4437	6.93	154	2.11
9:06	15	15	18.7	4612	6.84		
9:15	15	30	18.8	4781	7.18		
9:24	15	45	18.7	4796	7.11		

Actual Purge Volume 45 gals Field Measurements stabilized within ± 10% \_\_\_\_\_  
 Time/Date Sampled 925 3-4-11 Purged/Sampled By Jr  
 Sample Method Pump  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 837-04 Date Gauged 3-4-19  
 Site Big Sky Time Gauged 11:36  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 42.40 feet Height of Fluid Column 11.26 feet  
 Total Depth 53.66 feet Volume in Well 7.4316 gallons  
 (3 Well Volumes = 22.2948 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 11:40 3-4-19 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
11:40			19.3	3849	7.25	137	1.34
11:45	10	10	20.7	4056	7.26		
11:49	10	20	20.6	3904	7.30		
11:51	3	23	20.7	3873	7.31		

Actual Purge Volume 23.0 gals Field Measurements stabilized within ± 10% N

Time/Date Sampled 11:51 3-4-19 Purged/Sampled By N

Sample Method Pump

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

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

Well Casing Volumes

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



MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 833-07 Date Gauged 3-4-19  
 Site Big Sky Time Gauged 9:39

Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 60.37 feet Height of Fluid Column 12.73 feet  
 Total Depth 73.10 feet Volume in Well 8.4018 gallons  
 (3 Well Volumes = 25.2054 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 9:58 3-4-19 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
9:58			16.8	3546	7.02	139	2.01
10:06	10	10	20.1	3896	7.18		
10:13	10	20	20.8	4044	7.09		
10:17	5	25	20.8	4127	7.04		

Actual Purge Volume 25 gals Field Measurements stabilized within ± 10% N

Time/Date Sampled 10:18 3-4-19 Purged/Sampled By JV

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 3-4-19

Site By Sky Time Gauged 10:29

Depth to PSH \_\_\_\_\_ feet Well Diameter 9 inches

Depth to Water 26.36 feet Height of Fluid Column 13.04 feet

Total Depth 39.40 feet Volume in Well 8.6064 gallons

(3 Well Volumes = 25.8192 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 1035 3-4-19 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
<u>1035</u>			<u>18.8</u>	<u>3941</u>	<u>7.12</u>	<u>140</u>	<u>2.29</u>
<u>10:40</u>	<u>10</u>	<u>10</u>	<u>19.8</u>	<u>4338</u>	<u>7.37</u>		
<u>10:44</u>	<u>10</u>	<u>20</u>	<u>19.6</u>	<u>4287</u>	<u>7.39</u>		
<u>10:47</u>	<u>5</u>	<u>25</u>	<u>19.5</u>	<u>4257</u>	<u>7.40</u>		

Actual Purge Volume 25 gals Field Measurements stabilized within ± 10% N

Time/Date Sampled 10:47 3-4-19 Purged/Sampled By JV

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 Date Gauged 3-4-19

Site Big Sky Time Gauged 1057

Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches

Depth to Water 21.12 feet Height of Fluid Column 15.04 feet

Total Depth 36.96 feet Volume in Well 10.4544 gallons

(3 Well Volumes = 31.3632 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 11:01 3-4-19 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
<u>11:01</u>			<u>17.1</u>	<u>3509</u>	<u>7.24</u>	<u>127</u>	<u>2.40</u>
<u>11:06</u>	<u>10</u>	<u>10</u>	<u>17.7</u>	<u>3422</u>	<u>7.11</u>		
<u>11:10</u>	<u>10</u>	<u>20</u>	<u>17.8</u>	<u>3414</u>	<u>7.06</u>		
<u>11:15</u>	<u>10</u>	<u>30</u>	<u>17.9</u>	<u>3406</u>	<u>7.03</u>		

Actual Purge Volume 30 gals Field Measurements stabilized within ± 10% Y

Time/Date Sampled 11:15 3-4-19 Purged/Sampled By JV

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 3-5-19  
 Site By sig Time Gauged 838  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 64.89 feet Height of Fluid Column 8.51 feet  
 Total Depth 73.40 feet Volume in Well 5.6166 gallons  
 (3 Well Volumes = ~~16.89~~ 16.8498 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 848 3-5-19 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
<u>848</u>			<u>16.3</u>	<u>2762</u>	<u>6.77</u>	<u>157</u>	
<u>8:51</u>	<u>5</u>	<u>5</u>	<u>21.2</u>	<u>3143</u>	<u>6.75</u>		
<u>8:54</u>	<u>5</u>	<u>10</u>	<u>21.8</u>	<u>3416</u>	<u>6.63</u>		
<u>8:57</u>	<u>6</u>	<u>16</u>	<u>22.2</u>	<u>3394</u>	<u>6.54</u>		

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

Time/Date Sampled 8:58 3-5-19 Purged/Sampled By JV

Sample Method Pump

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

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

# MONITOR WELL DEVELOPMENT FIELD FORM

## FLUID LEVEL DATA

Well ID 833-06 Date Gauged 3-5-17  
 Site By Sky Time Gauged 1035

Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 75.62 feet Height of Fluid Column 9.98 feet  
 Total Depth 85.10 feet Volume in Well 6.2568 gallons  
 (3 Well Volumes = 18.7704 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 1043 3-5-17 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
<u>1043</u>			<u>16.8</u>	<u>2690</u>	<u>7.23</u>	<u>142</u>	
<u>1046</u>	<u>5</u>	<u>5</u>	<u>20.1</u>	<u>2776</u>	<u>7.17</u>		
<u>1049</u>	<u>5</u>	<u>10</u>	<u>20.5</u>	<u>2909</u>			
<u>1054</u>	<u>10</u>	<u>20</u>	<u>20.3</u>	<u>2935</u>			

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

Time/Date Sampled 1055 3-5-17 Purged/Sampled By JV

Sample Method Pump

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

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

# MONITOR WELL DEVELOPMENT FIELD FORM

## FLUID LEVEL DATA

Well ID 833-08 Date Gauged 3-5-19  
 Site Big Sky Time Gauged 907  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 60.16 feet Height of Fluid Column 12.84 feet  
 Total Depth 73.0 feet Volume in Well 8.4744 gallons  
 (3 Well Volumes = 25.4232 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 927 3-5-19 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
927			17.3	2688	6.80	148	
933	10	10	20.9	3122	6.78		
939	10	20	21.5	3240	7.04		
942	5	25	20.2	3190	6.88		

Actual Purge Volume 25 gals Field Measurements stabilized within ± 10% N  
 Time/Date Sampled 942 3-5-19 Purged/Sampled By JV  
 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

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

Well ID: LRG-00953 Sample ID: \_\_\_\_\_ Sample Time: 1142

Well owner/location/residence: Bright Star Dairy

Street address: \_\_\_\_\_

Filtration system? (circle one) NA Y N Sampling personnel: Justin Vazquez

Start purge time: NA Weather: Sunny

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

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

Field Parameters:

	Time: <u>1142</u>			Within	Circle One:
Specific Conductance:	<u>4139</u>			10%	<u>µs/cm</u> ms/cm
pH:	<u>6.70</u>			+/- 0.5	
Temperature:	<u>24.9</u>			+/- 1 C	°F °C
ORP:	<u>128</u>				mV

Notes/Comments: The water sample was collected from hose line inside parlor.

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 340-01 Date Gauged 2-25-19  
 Site Bright Star Time Gauged 1105  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 43.21 feet Height of Fluid Column 4.91 feet  
 Total Depth 48.12 feet Volume in Well 3.2406 gallons  
 (3 Well Volumes = 9.7218 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 1108 2-25-19 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
<u>1108</u>	<u>.25</u>	<u>.25</u>	<u>20.9</u>	<u>4366</u>	<u>7.25</u>	<u>129</u>	<u>2.45</u>
<u>11:13</u>	<u>3.0</u>	<u>3.25</u>	<u>21.2</u>	<u>4338</u>	<u>7.08</u>		
	<u>2.0</u>	<u>5.25</u>	<u>21.1</u>	<u>4345</u>	<u>7.13</u>		

Actual Purge Volume 5.25 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 11:19 2-25-19 Purged/Sampled By JV  
 Sample Method Bail  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations well backed clay

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 2-25-19

Site Bright Star Time Gauged 11:24

Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches

Depth to Water 54.69 feet Height of Fluid Column 2.17 feet

Total Depth 56.86 feet Volume in Well 1.4322 gallons

(3 Well Volumes =  $\frac{1.1067 \text{ JV}}{4.2966}$  gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 11:28 2-25-19 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
<u>11:28</u>	<u>.25</u>	<u>.25</u>	<u>21.9</u>	<u>4725</u>	<u>7.18</u>	<u>127</u>	<u>1.20</u>
<u>11:31</u>	<u>1.0</u>	<u>1.25</u>	<u>22.1</u>	<u>4714</u>	<u>7.08</u>		

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

Time/Date Sampled 11:32 2-25-19 Purged/Sampled By JV

Sample Method Bail

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

Comments/Observations Well bailed clay.

Well Casing Volumes

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

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 86/340-01 Date Gauged 2-25-19

Site Bright Star Time Gauged 9:12

Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches

Depth to Water 56.65 feet Height of Fluid Column 13.35 feet

Total Depth 70.0 feet Volume in Well 8.811 gallons

(3 Well Volumes = 26.433 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 9:25 2-25-19 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
<u>9:25</u>			<u>16.8</u>	<u>2990</u>	<u>6.78</u>	<u>153</u>	<u>2.63</u>
<u>9:31</u>	<u>10</u>	<u>10</u>	<u>18.7</u>	<u>2794</u>	<u>6.69</u>		
<u>9:36</u>	<u>10</u>	<u>20</u>	<u>18.8</u>	<u>2777</u>	<u>6.71</u>		
<u>9:41</u>	<u>7</u>	<u>27</u>	<u>18.8</u>	<u>2767</u>	<u>6.68</u>		

Actual Purge Volume 27 gals Field Measurements stabilized within ± 10% Y

Time/Date Sampled 9:41 2-25-19 Purged/Sampled By JV

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 70/86/340-01 Date Gauged 2-25-19  
 Site Bogyst Star Time Gauged 9:59

Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 50.10 feet Height of Fluid Column 17.55 feet  
 Total Depth 67.73 feet Volume in Well 11.580 gallons  
 (3 Well Volumes = 34.749 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 10:31 2-25-19 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
<u>10:31</u>			<u>20.2</u>	<u>5376</u>	<u>7.34</u>	<u>143</u>	<u>2.07</u>
<u>10:38</u>	<u>10</u>	<u>10</u>	<u>20.4</u>	<u>5631</u>	<u>7.21</u>		
<u>10:46</u>	<u>10</u>	<u>20</u>	<u>20.2</u>	<u>5670</u>	<u>7.21</u>		
<u>10:58</u>	<u>15</u>	<u>35</u>	<u>20.3</u>	<u>5654</u>	<u>7.17</u>		

Actual Purge Volume \_\_\_\_\_ gals Field Measurements stabilized within ± 10% N

Time/Date Sampled 10:58 2-25-19 Purged/Sampled By JV

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 3-1-19  
 Site Buena Vista 2 Time Gauged 9:39  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 40.72 feet Height of Fluid Column 16.28 feet  
 Total Depth 57.0 feet Volume in Well 10.7448 gallons  
 (3 Well Volumes = 32.2344 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 9:49 3-1-19 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
9:49			20.3	3343	7.16	154	1.79
9:55	10	10	21.4	3339	7.03		
10:02	10	20	21.5	3335	7.0		
10:11	13	33	21.5	3331	6.97		

Actual Purge Volume 33 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 10:4 3-1-19 Purged/Sampled By JV  
 Sample Method Pump  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

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

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 7405 74-04 Date Gauged 3-1-19  
 Site Bona Vista 2 Time Gauged 859  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 48.03 feet Height of Fluid Column 9.82 feet  
 Total Depth 57.05 feet Volume in Well 6.4812 gallons  
 (3 Well Volumes = 19.4436 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 9:10 3-1-19 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
<u>9:10</u>			<u>18.4</u>	<u>3400</u>	<u>6.87</u>	<u>166</u>	<u>1.31</u>
<u>9:14</u>	<u>5</u>	<u>5</u>	<u>20.2</u>	<u>3419</u>	<u>7.0</u>		
<u>9:18</u>	<u>5</u>	<u>10</u>	<u>20.8</u>	<u>3421</u>	<u>6.87</u>		
<u>9:26</u>	<u>10</u>	<u>20</u>	<u>20.7</u>	<u>3426</u>	<u>6.84</u>		

Actual Purge Volume 20 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 9:26 3-1-19 Purged/Sampled By JJ  
 Sample Method Pump  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

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

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

Well ID: LR6-01876 Sample ID: \_\_\_\_\_ Sample Time: 11:17

Well owner/location/residence: Buena Vista 2

Street address: \_\_\_\_\_

Filtration system? (circle one) NA  Y  N Sampling personnel: Justin Vasquez

Start purge time: NA Weather: Sunny

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

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

Field Parameters:

	Time: <u>11:17</u>			Within	Circle One:
Specific Conductance:	<u>2429</u>			10%	<u>µs/cm</u> ms/cm
pH:	<u>7.28</u>			+/- 0.5	
Temperature:	<u>25.6</u>			+/- 1 C	°F <input checked="" type="checkbox"/> °C
ORP:	<u>144</u>				mV

Notes/Comments: Sample was collected by throwing bucket into holding tank

Well Configuration

Recorded By: *[Signature]*

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 74-01 Date Gauged 2-28-19

Site Buna Vista 2 Time Gauged 12:56

Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches

Depth to Water 35.82 feet Height of Fluid Column 9.28 feet

Total Depth 45.10 feet Volume in Well 6.1248 gallons

(3 Well Volumes = 18.3744 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 1302 2-28-19 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1302			23.0	5627	7.44	162	1.34
1305	5	5	21.9	5403	7.44		
1308	5	10	22.1	5137	7.38		
1314	10	20	22.2	4943	7.36		

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

Time/Date Sampled 1315 2-28-19 Purged/Sampled By JV

Sample Method Pump

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

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

Well Casing Volumes

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

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 74-02 Date Gauged 2-28-19  
 Site Buena Vista 2 Time Gauged 11:44  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 16.09 feet Height of Fluid Column 4.07 feet  
 Total Depth 20.18 feet Volume in Well 2.6994 gallons  
 (3 Well Volumes = 8.0982 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 11:46 2-28-19 Purged Method Bowl

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
11:46	.25	.25	22.2	3800	7.31	150	1.81
11:51	2.25	2.50	21.3	3853	7.40		
11:55	2.50	5.0	21.2	3771	7.30		
11:57	1.0	6.0	20.9	3730	7.36		

Actual Purge Volume 6.0 gals Field Measurements stabilized within ± 10% N  
 Time/Date Sampled 11:58 2-28-19 Purged/Sampled By JV  
 Sample Method Bowl  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations Well bailed dry.



MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 74-03 Date Gauged 2-28-17

Site Burn Vista 2 Time Gauged 12:11

Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches

Depth to Water 15.63 feet Height of Fluid Column 4.52 feet

Total Depth 20.15 feet Volume in Well 2.9832 gallons

(3 Well Volumes = 8.9496 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 12:18 2-28-17 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
12:18	.25	.25	21.7	2333	7.55	148	2.31
12:21	2.75	3.0	21.3	2322	7.56		
12:24	3.0	6.0	21.4	2317	7.53		
12:28	3.0	9.0	21.4	2309	7.54		

Actual Purge Volume 9.0 gals Field Measurements stabilized within ± 10% Y

Time/Date Sampled 12:28 2-28-17 Purged/Sampled By JV

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-01 Date Gauged 3-5-19  
 Site \_\_\_\_\_ Time Gauged 1149

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 72.65 feet Height of Fluid Column 3.55 feet  
 Total Depth 76.20 feet Volume in Well .6035 gallons  
 (3 Well Volumes = 1.8105 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 1122 3-5-19 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1122	.25	.25	23.4	2155	7.29	127	1.13
1125	.75	1.0	23.8	2219	7.29		
1127	1.0	2.0	23.9	2352	7.28		

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

Time/Date Sampled 1120 3-5-19 Purged/Sampled By JV

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 DAS-02 Date Gauged 3-4-19  
 Site \_\_\_\_\_ Time Gauged 11:44  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 65.91 feet Height of Fluid Column 2.22 feet  
 Total Depth 68.13 feet Volume in Well .3774 gallons  
 (3 Well Volumes = 1.1322 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 11:46 3-4-19 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
11:46	.25	.25	22.7	1890	7.37	136	1.31
11:49	1.0	1.25	23.2	2015	7.32		

Actual Purge Volume 1.25 gals Field Measurements stabilized within ± 10% N  
 Time/Date Sampled 11:50 3-4-19 Purged/Sampled By JV  
 Sample Method Bail  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

# MONITOR WELL DEVELOPMENT FIELD FORM

## FLUID LEVEL DATA

Well ID DAD-03 Date Gauged 3-5-19  
 Site \_\_\_\_\_ Time Gauged 12:03

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 12.51 feet Height of Fluid Column 6.37 feet  
 Total Depth 18.88 feet Volume in Well 1.0829 gallons

(3 Well Volumes = 3.2487 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 12:05 3-5-19 Purged Method Boil

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
12:05	.25	.25	20.2	2630	7.33	149	2.60
12:06	.75	1.0	19.9	2664	7.33		
12:08	1.0	2.0	19.9	2655	7.35		
12:10	1.25	3.25	19.8	2657	7.34		

Actual Purge Volume \_\_\_\_\_ gals Field Measurements stabilized within ± 10% \_\_\_\_\_

Time/Date Sampled 12:11 3-5-19 Purged/Sampled By J

Sample Method Boil

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

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

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

# MONITOR WELL DEVELOPMENT FIELD FORM

## FLUID LEVEL DATA

Well ID DAD-04 Date Gauged 3-5-19  
 Site \_\_\_\_\_ Time Gauged 12:27  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 16.10 feet Height of Fluid Column 2.49 feet  
 Total Depth 18.54 feet Volume in Well .9140 gallons  
 (3 Well Volumes = 1.2444 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 12:27 3-5-19 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
12:27	.25	.25	18.5	2753	7.95	142	1.58
12:32	1.0	1.25	18.1	2701	7.66		

Actual Purge Volume 1.25 gals Field Measurements stabilized within ± 10% ✓  
 Time/Date Sampled 12:32 3-5-19 Purged/Sampled By JV  
 Sample Method Bail  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

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

# MONITOR WELL DEVELOPMENT FIELD FORM

## FLUID LEVEL DATA

Well ID DAD-05 Date Gauged 3-5-19  
 Site \_\_\_\_\_ Time Gauged 12:57  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 15.65 feet Height of Fluid Column 7.75 feet  
 Total Depth 23.40 feet Volume in Well 1.3175 gallons  
 (3 Well Volumes = 3.9525 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 1259 3-5-19 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1259	.25	.25	17.4	2910	7.54	147	2.51
1302	1.0	1.25	17.0	2944	7.56		
1305	1.25	2.50	16.9	2912	7.58		
1308	1.5	4.0	16.8	2898	7.57		

Actual Purge Volume 4.0 gals Field Measurements stabilized within ± 10% N

Time/Date Sampled 1308 3-5-19 Purged/Sampled By JV

Sample Method Bail

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

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

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-06 Date Gauged 3-5-19  
 Site \_\_\_\_\_ Time Gauged 13:17  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 50.84 feet Height of Fluid Column 4.9 feet  
 Total Depth 55.74 feet Volume in Well .833 gallons  
 (3 Well Volumes = 2.499 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 1320 3-5-19 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1320	.25	.25	20.4	3743	7.36	158	1.84
1322	.75	1.0	20.7	3703	7.27		
1325	1.5	2.5	20.6	3765	7.25		

Actual Purge Volume 2.5 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 1325 3-5-19 Purged/Sampled By JV  
 Sample Method Bail  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 3AD-09 Date Gauged 3-7-19  
 Site \_\_\_\_\_ Time Gauged 1107  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 57.38 feet Height of Fluid Column 4.02 feet  
 Total Depth 61.40 feet Volume in Well .6834 gallons  
 (3 Well Volumes = 2.0502 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 1109 3-7-19 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1109	.25	.25	22.7	2792	7.01	137	1.56
1112	.75	1.0	23.0	2729	6.98		
1114	1.0	2.0	23.0	2609	6.91		

Actual Purge Volume 2.0 gals Field Measurements stabilized within ± 10% N

Time/Date Sampled 1115 3-7-19 Purged/Sampled By JV

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 DAO-20 Date Gauged 3-7-19  
 Site \_\_\_\_\_ Time Gauged 1206  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 54.64 feet Height of Fluid Column 14.36 feet  
 Total Depth 69.0 feet Volume in Well 2.4412 gallons  
 (3 Well Volumes = 7.3236 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 1209 3-7-19 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1209	0.25	0.25	22.3	2805	7.24	143	1.20
1213	2.25	2.50	22.2	2591	7.22		
1217	2.50	5.00	22.1	2580	7.17		
1222	2.50	7.50	22.1	2571	7.11		

Actual Purge Volume 7.50 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 12:22 3-7-19 Purged/Sampled By JV  
 Sample Method Bail  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

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

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAO-21 Date Gauged 3-7-19  
 Site \_\_\_\_\_ Time Gauged 10:46  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 58.58 feet Height of Fluid Column 7.92 feet  
 Total Depth 66.50 feet Volume in Well 1.3464 gallons  
 (3 Well Volumes = 4.0392 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 1049 3-7-19 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
<u>1049</u>	<u>.25</u>	<u>.25</u>	<u>21.3</u>	<u>2776</u>	<u>6.76</u>	<u>144</u>	<u>1.20</u>
<u>1054</u>	<u>1.25</u>	<u>1.50</u>	<u>21.4</u>	<u>2700</u>	<u>6.84</u>		

Actual Purge Volume 1.50 gals Field Measurements stabilized within ± 10% N  
 Time/Date Sampled 10:54 3-7-19 Purged/Sampled By JV  
 Sample Method Bail  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations well bailed dry.

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

# MONITOR WELL DEVELOPMENT FIELD FORM

## FLUID LEVEL DATA

Well ID DA0-22 Date Gauged 3-7-19  
 Site \_\_\_\_\_ Time Gauged 11:22  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 47.30 feet Height of Fluid Column 2.8 feet  
 Total Depth 50.10 feet Volume in Well .476 gallons  
 (3 Well Volumes = 1.428 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 11:24 3-7-19 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
11:24	.25	.25	23.3	2951	7.08	137	2.20
11:27	4.50	4.75	23.4	2879	7.18		

Actual Purge Volume 4.75 gals Field Measurements stabilized within ± 10% N

Time/Date Sampled 11:27 3-7-19 Purged/Sampled By JV

Sample Method Bail

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

Comments/Observations well bailed dry

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

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-26 Date Gauged 3-7-19  
 Site \_\_\_\_\_ Time Gauged 1135  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 49.85 feet Height of Fluid Column 12.45 feet  
 Total Depth 62.30 feet Volume in Well 2.1165 gallons  
 (3 Well Volumes = 6.3495 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 1139 3-7-19 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1139	.25	.25	22.7	2831	6.75	155	1.44
1144	1.75	2.0	22.6	2710	6.70		
1148	2.0	4.0	22.6	2653	6.73		
1153	2.5	6.50	22.5	2631	6.71		

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

Time/Date Sampled 1153 3-7-19 Purged/Sampled By JV

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 DAB-07 Date Gauged 3-8-19  
 Site \_\_\_\_\_ Time Gauged 1210  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 92.12 feet Height of Fluid Column 7.98 feet  
 Total Depth 100.10 feet Volume in Well 1.3566 gallons  
 (3 Well Volumes = 4.0698 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 1212 3-8-19 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1212	0.25	0.25	24.1	2557	7.35	162	1.34
1216	1.0	1.25	24.1	2547	6.77		
1220	1.25	2.50	24.0	2539	6.73		
1225	1.50	4.0	24.1	2534	6.71		

Actual Purge Volume 4.0 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 1226 3-8-19 Purged/Sampled By AV  
 Sample Method Bail  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-13 Date Gauged 3-8-19  
 Site \_\_\_\_\_ Time Gauged 851  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 86.75 feet Height of Fluid Column 6.02 feet  
 Total Depth 92.77 feet Volume in Well 1.0234 gallons  
 (3 Well Volumes = 3.0702 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 856 3-8-19 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
856	.25	.25	23.4	2872	6.83	168	1.68
859	.75	1.0	23.0	2572	6.75		
902	1.0	2.0	22.3	2577	6.73		
905	1.0	3.0	22.2	2580			

Actual Purge Volume 3.0 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 906 3-8-19 Purged/Sampled By JV  
 Sample Method Bail  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

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

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID: DAD-14 Date Gauged: 3-8-19  
 Site: \_\_\_\_\_ Time Gauged: 930  
 Depth to PSH: \_\_\_\_\_ feet Well Diameter: 2 inches  
 Depth to Water: 29.36 feet Height of Fluid Column: 13.14 feet  
 Total Depth: 42.50 feet Volume in Well: 2.2338 gallons  
 (3 Well Volumes = 6.7014 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged: 933 3-8-19 Purged Method: Basal

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
933	.25	.25	21.4	3294	7.12	162	1.70
937	2.0	2.25	21.2	3442	7.10		
940	2.25	4.50	21.2	3439	7.17		
943	2.25	6.75	21.1		7.14		

Actual Purge Volume: 6.75 gals Field Measurements stabilized within ± 10% \_\_\_\_\_  
 Time/Date Sampled: 944 3-8-19 Purged/Sampled By: JV  
 Sample Method: Basal  
 Requested Analyses: \_\_\_\_\_  
 Comments/Observations: \_\_\_\_\_

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

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD15 Date Gauged 3-8-19  
 Site \_\_\_\_\_ Time Gauged 1032  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 95.71 feet Height of Fluid Column 13.57 feet  
 Total Depth 109.28 feet Volume in Well 2.3069 gallons  
 (3 Well Volumes = 6.9207 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 1038 3-8-19 Purged Method Ball

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1038	0.25	0.25	23.6	2906	7.29	149	1.04
10:44	2.0	2.25	23.5	2769	7.18		
10:50	2.25	4.50	23.4	2732	7.11		
10:56	2.50	7.0	23.4	2733	7.09		

Actual Purge Volume 7.0 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 10:57 3-8-19 Purged/Sampled By JV  
 Sample Method Ball  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

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



MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-16 Date Gauged 3-8-19  
 Site \_\_\_\_\_ Time Gauged 1105  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 17.93 feet Height of Fluid Column 14.72 feet  
 Total Depth 32.65 feet Volume in Well 2.5024 gallons  
 (3 Well Volumes = 7.5072 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 1107 3-8-19 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1107	.25	.25	19.3	2700	7.10	155	1.57
1110	2.25	2.50	18.6	2747	7.27		
1114	2.50	5.0	18.4	<del>2754</del> 2754	7.22		
1118	2.50	7.50	18.5	2760	7.23		

Actual Purge Volume 7.50 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 1119 3-8-19 Purged/Sampled By JV  
 Sample Method Bail  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

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

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-17 Date Gauged 3-8-17  
 Site \_\_\_\_\_ Time Gauged 11:44  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 19.50 feet Height of Fluid Column 18.75 feet  
 Total Depth 38.25 feet Volume in Well 3.1875 gallons  
 (3 Well Volumes = 9.5625 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 1147 3-8-17 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1147	.25	.25	20.6	1044	7.66	138	1.17
1150	3.0	3.25	19.8	1043	7.45		
1154	3.25	7.50	19.4	1039	7.40		
1158	2.0	9.50	19.4	1031	7.37		

Actual Purge Volume 9.50 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 1158 3-8-17 Purged/Sampled By JV  
 Sample Method Bail  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

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

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-23 Date Gauged 3-8-19  
 Site \_\_\_\_\_ Time Gauged 956  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 43.81 feet Height of Fluid Column 13.89 feet  
 Total Depth 57.70 feet Volume in Well 2.3613 gallons  
 (3 Well Volumes = 7.0839 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 959 3-8-19 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
959	.25	.25	22.1	2970	7.18	164	1.23
1003	2.25	2.50	22.6	2265	7.41		
10:08	2.0	4.50	22.5	2973	7.42		

Actual Purge Volume 4.50 gals Field Measurements stabilized within ± 10% N  
 Time/Date Sampled 10:11 3-8-19 Purged/Sampled By 3-8-19  
 Sample Method Bail  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations well bailed dry

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

# MONITOR WELL DEVELOPMENT FIELD FORM

## FLUID LEVEL DATA

Well ID DA010 Date Gauged 3-11-19  
~~3-10-19~~ *bn*  
 Site \_\_\_\_\_ Time Gauged 12:22  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 83.27 feet Height of Fluid Column 11.1 feet  
 Total Depth 94.38 feet Volume in Well 1.8087 gallons  
 (3 Well Volumes = 5.6661 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 1225 3-10-19 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1225	.25	.25	20.7	2227	7.42	154	1.09
1229	1.75	2.0	20.8	2208	7.37		
1234	2.0	4.0	20.8	2191	7.35		
1239	1.5	5.5		2180	7.34		

Actual Purge Volume 5.5 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 12:39 3-10-19 Purged/Sampled By BN  
 Sample Method Bail  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

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

# MONITOR WELL DEVELOPMENT FIELD FORM

## FLUID LEVEL DATA

Well ID DAD-11 Date Gauged 3-11-19  
~~3-10-19~~ *DN*  
 Site \_\_\_\_\_ Time Gauged 11:37  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 21.80 feet Height of Fluid Column 25.58 feet  
 Total Depth 47.38 feet Volume in Well 16.8928 gallons  
 (3 Well Volumes = 50.6484 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 11:41 3/10/19 Purged Method Purg

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
<u>11:41</u>			<u>20.7</u>	<u>3165</u>	<u>7.14</u>	<u>171</u>	<u>1.80</u>
<u>11:50</u>	<u>15</u>	<u>15</u>	<u>21.4</u>	<u>3072</u>	<u>7.07</u>		
<u>11:59</u>	<u>15</u>	<u>30</u>	<u>21.3</u>	<u>3063</u>	<u>7.21</u>		
<u>12:11</u>	<u>20</u>	<u>50</u>	<u>21.4</u>	<u>3059</u>	<u>7.22</u>		

Actual Purge Volume 50 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 12:11 3-10-19 Purged/Sampled By [Signature]  
 Sample Method Purg  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

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

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-12 Date Gauged 3-11-19  
3-10-12 JR  
 Site \_\_\_\_\_ Time Gauged 11:11

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 51.39 feet Height of Fluid Column 30.86 feet  
 Total Depth 82.25 feet Volume in Well 5.2462 gallons  
 (3 Well Volumes = 15 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 11:16 3-10-17 Purged Method RV  
Back Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
<u>11:16</u>			<u>21.2</u>	<u>2089</u>	<u>6.94</u>	<u>168</u>	<u>2.21</u>
<u>11:20</u>	<u>5</u>	<u>5</u>	<u>21.4</u>	<u>3113</u>	<u>7.0</u>		
<u>11:24</u>	<u>5</u>	<u>10</u>	<u>21.4</u>	<u>3107</u>	<u>7.01</u>		
<u>11:28</u>	<u>5</u>	<u>15</u>	<u>21.5</u>	<u>3117</u>	<u>7.02</u>		

Actual Purge Volume 15 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 11:29 3-10-17 Purged/Sampled By JV  
 Sample Method Back 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-16 Date Gauged 3-11-19  
~~3-10-19~~ 10m  
 Site \_\_\_\_\_ Time Gauged 857

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 22.72 feet Height of Fluid Column 34.25 feet  
 Total Depth 56.97 feet Volume in Well 5.8225 gallons  
 (3 Well Volumes = 17.4675 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 902 3-10-19 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
902			17.7	2915	6.80	177	1.66
9:05	5	5	17.7	2780	6.71		
9:08	5	10	18.0	2777	6.76		
9:12	8	18	18.0	2771	6.74		

Actual Purge Volume 17.18 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 913 3-10-19 Purged/Sampled By JV  
 Sample Method Pump  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

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

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-19 Date Gauged 3-11-19  
~~3-10-19~~  
 Site \_\_\_\_\_ Time Gauged 1000

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 63.51 feet Height of Fluid Column 35.68 feet  
 Total Depth 99.19 feet Volume in Well 6.0656 gallons  
 (3 Well Volumes = 18.1968 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 1000 3-10-19 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
<u>1000</u>			<u>20.4</u>	<u>2477</u>	<u>6.59</u>	<u>179</u>	<u>1.28</u>
<u>10:14</u>	<u>5</u>	<u>5</u>	<u>21.2</u>	<u>2545</u>	<u>6.75</u>		
<u>10:19</u>	<u>5</u>	<u>10</u>	<u>21.1</u>	<u>2558</u>	<u>6.78</u>		
<u>10:27</u>	<u>10</u>	<u>20</u>	<u>21.1</u>	<u>2565</u>			

Actual Purge Volume 20 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 1028 3-10-19 Purged/Sampled By JV  
 Sample Method Pump  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

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



MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID DAD-24 Date Gauged 3-11-19  
 Site \_\_\_\_\_ Time Gauged 3:10 PM  
1036

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 65.19 feet Height of Fluid Column 65.11 feet  
 Total Depth 130.30 feet Volume in Well 11.0687 gallons  
 (3 Well Volumes = 33.2061 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 10:41 3-10-19 Purged Method B Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
<u>10:41</u>			<u>20.5</u>	<u>2486</u>	<u>7.01</u>	<u>153</u>	<u>1.44</u>
<u>10:50</u>	<u>10</u>	<u>10</u>	<u>21.1</u>	<u>2517</u>	<u>6.88</u>		
<u>11:00</u>	<u>10</u>	<u>20</u>	<u>21.2</u>	<u>2526</u>	<u>6.87</u>		
<u>11:02</u>	<u>13</u>	<u>33</u>	<u>21.2</u>	<u>2533</u>	<u>6.80</u>		

Actual Purge Volume 33 gals Field Measurements stabilized within ± 10% Y

Time/Date Sampled 11:02 3-10-19 Purged/Sampled By TV

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 DND-25 Date Gauged 3-11-19  
~~3-10-19~~ *[Signature]*  
 Site \_\_\_\_\_ Time Gauged 934  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 67.68 feet Height of Fluid Column 9.52 feet  
 Total Depth 77.20 feet Volume in Well 1.6184 gallons  
 (3 Well Volumes = 4.8552 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 937 3-10-19 Purged Method Bowl

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
937	.25	.25	21.1	2350	7.16	142	2.17
941	1.50	1.75	21.4	2233	7.09		
943	.75	2.50	21.3	2207	7.09		

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

Time/Date Sampled 943 3-10-19 Purged/Sampled By [Signature]

Sample Method Bowl

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

Comments/Observations Well bailed dry. A lot of sord removed.

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**

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**FLUID LEVEL DATA**

Well ID DA0-06 Date Gauged 3-14-19  
 Site \_\_\_\_\_ Time Gauged 12:31  
 Depth to PSH \_\_\_\_\_ feet Well Diameter \_\_\_\_\_ inches  
 Depth to Water Dry feet Height of Fluid Column \_\_\_\_\_ feet  
 Total Depth 83-15 feet Volume in Well \_\_\_\_\_ gallons  
 (3 Well Volumes = \_\_\_\_\_ gallons)

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**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 well is dry

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

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

Well ID: LR6-5820 Sample ID: \_\_\_\_\_ Sample Time: 10:10

Well owner/location/residence: Del Oro Dairy

Street address: \_\_\_\_\_

Filtration system? (circle one) NA Y N Sampling personnel: Justin Vesquez

Start purge time: NA Weather: Sunny

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

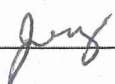
Sample collected at (circle as appropriate): Wellhead tap In-line  House tap

Field Parameters:

	Time: <u>10:10</u>			Within	Circle One:
Specific Conductance:	<u>21.27</u>			10%	<u>µS/cm</u> ms/cm
pH:	<u>7.14</u>			+/- 0.5	
Temperature:	<u>23.6</u>			+/- 1 C	°F <u>20</u>
ORP:	<u>134</u>				mV

Notes/Comments: Sample collected from valve in PVC going into tanks

Well Configuration

Recorded By: 

# MONITOR WELL DEVELOPMENT FIELD FORM

## FLUID LEVEL DATA

Well ID 69202 Date Gauged 3-7-19  
 Site Del Oro Time Gauged 10:19  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 59.07 feet Height of Fluid Column 7.58 feet  
 Total Depth 66.65 feet Volume in Well 5.0028 gallons  
 (3 Well Volumes = 15.0084 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 10:25 3-7-19 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
10:25			20.7	2669	6.96	<del>141</del> 141	2.70
10:28	5	5	21.8	2679	6.66		
10:31	5	10	21.9	2688	6.70		
10:34	5	15	21.8	2692	6.72		

Actual Purge Volume 15 gals Field Measurements stabilized within ± 10% Y

Time/Date Sampled 10:35 3-7-19 Purged/Sampled By JV

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 3-7-19  
 Site Del Oro Time Gauged 10:15

Depth to PSH \_\_\_\_\_ feet Well Diameter \_\_\_\_\_ inches  
 Depth to Water Dry feet Height of Fluid Column \_\_\_\_\_ feet  
 Total Depth 61.90 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 \_\_\_\_\_ gals Field Measurements stabilized within ± 10% \_\_\_\_\_  
 Time/Date Sampled \_\_\_\_\_ Purged/Sampled By \_\_\_\_\_  
 Sample Method \_\_\_\_\_  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations well is dry.

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 69205 Date Gauged 3-14-19  
 Site Del Oro Time Gauged 901  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 81 feet Height of Fluid Column 6.47 feet  
 Total Depth 87.47 feet Volume in Well 4.2702 gallons  
 (3 Well Volumes = 12.8106 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 910 3-14-19 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
910			21.2	1753	6.98	191	4.11
914	5	5	21.5	1813	6.97		
917	5	10	21.7	1801	6.96		
919	3	13	21.6	1789	6.96		

Actual Purge Volume 13 gals Field Measurements stabilized within ± 10% N

Time/Date Sampled 920 3-14-19 Purged/Sampled By JV

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 692-06 Date Gauged 3-7-19  
 Site Del Oro Time Gauged 916

Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 82.58 feet Height of Fluid Column 7.53 feet  
 Total Depth 90.11 feet Volume in Well 4.9698 gallons  
 (3 Well Volumes = 14.9094 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 926 3-7-19 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
926			18.5	2333	7.09	115	4.10
929	5	5	20.4	2331	7.16		
932	5	10	22.1	2271	7.06		
935	5	15	22.0	2260	6.90		

Actual Purge Volume 15 gals Field Measurements stabilized within ± 10% YN

Time/Date Sampled 936 3-7-19 Purged/Sampled By JV

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 692-07 Date Gauged 3-7-19  
 Site Del Oro Time Gauged 902

Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 74.16 feet Height of Fluid Column 5.84 feet  
 Total Depth 80.0 feet Volume in Well 3.8544 gallons

(3 Well Volumes = 11.5632 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 906 3-7-19 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
906			16.7	2546	6.98	111	4.39
909	<3.0	<3.0	20.6	2553	7.0		

Actual Purge Volume <3.0 gals Field Measurements stabilized within ± 10% N

Time/Date Sampled 910 3-7-19 Purged/Sampled By SV

Sample Method Pump

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

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

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

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 692-08 Date Gauged 3-7-19  
 Site Del Oro Time Gauged 8:48

Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 67.81 feet Height of Fluid Column 12.19 feet  
 Total Depth 80 feet Volume in Well 8.0454 gallons  
 (3 Well Volumes = 24.1362 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 852 3-7-19 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
852			13.7	2261	7.01	159	5.61
856	6	6	20.4	2194	6.83		

Actual Purge Volume 6 gals Field Measurements stabilized within ± 10% N

Time/Date Sampled 856 3-7-19 Purged/Sampled By JV

Sample Method Pump

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

Comments/Observations well purged deg

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 3-7-19  
 Site Del Oro Time Gauged 949  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 83.93 feet Height of Fluid Column 6.07 feet  
 Total Depth 90 feet Volume in Well 4.0062 gallons  
 (3 Well Volumes = 12.0186 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 953 3-7-19 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
953			16.5	2183	7.05	136	5.89
956	4	4	21.9	2199	7.12		
9:58	4	8	22.1	2206	7.08		
10:01	4	12	22.2	2211	7.04		

Actual Purge Volume 12 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 10:01 3-7-19 Purged/Sampled By JV  
 Sample Method Pump  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 69205 Date Gauged 3-14-19  
 Site Del Oro Time Gauged 901

Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 81 feet Height of Fluid Column 6.47 feet  
 Total Depth 87.47 feet Volume in Well 4.2702 gallons  
 (3 Well Volumes = 12.8106 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 910 3-14-19 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
910			21.2	1753	6.98	191	4.11
914	5	5	21.5	1813	6.97		
917	5	10	21.7	1801	6.96		
919	3	13	21.6	1789	6.96		

Actual Purge Volume 13 gals Field Measurements stabilized within ± 10% N

Time/Date Sampled 920 3-14-19 Purged/Sampled By JV

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 42-02 Date Gauged 3-6-19  
 Site Dominique 2 Time Gauged 9:06  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 27.21 feet Height of Fluid Column 38.09 feet  
 Total Depth 65.3 feet Volume in Well 25.1394 gallons  
 (3 Well Volumes = 75.4182 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 9:20 3-6-19 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
9:20			14.1	4217	6.96	167	4.67
9:26	25	25	18.4	3851	6.87		
9:33	25	50	19.3	3769	6.87		
9:42	25	75	19.1	3731	6.86		

Actual Purge Volume 75 gals Field Measurements stabilized within ± 10% N

Time/Date Sampled 9:42 3-6-19 Purged/Sampled By JV

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 3-6-19  
 Site Dominique 2 Time Gauged 11:19  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 85.15 feet Height of Fluid Column 11.95 feet  
 Total Depth 97.1 feet Volume in Well 7.887 gallons  
 (3 Well Volumes = 23.661 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 1127 3-6-19 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1127			18.6	4252	7.51	151	5.54
1130	7	7	25.0	4463	7.22		
1134	7	14	24.8	4489			
1139	9	25	24.9	4511			

Actual Purge Volume 25 gals Field Measurements stabilized within ± 10% N

Time/Date Sampled 1139 3-6-19 Purged/Sampled By JV

Sample Method Pump

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

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

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

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 42-06 Date Gauged 3-6-19  
 Site Dominique 2 Time Gauged 1031  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 33.43 feet Height of Fluid Column 8.07 feet  
 Total Depth 41.5 feet Volume in Well 5.3262 gallons  
 (3 Well Volumes = 15.9786 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 1033 3-6-19 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1033			16.8	3792	7.44	146	4.30
1036	5	5	20.4	3959	7.45		
1039	5	10	21.2	4032	7.36		
1042	5	15	21.4	4071	7.32		

Actual Purge Volume 15 gals Field Measurements stabilized within ± 10% N  
 Time/Date Sampled 1042 3-6-19 Purged/Sampled By JV  
 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 4207 Date Gauged 3-6-19  
 Site Dominique 2 Time Gauged 1055

Depth to PSH \_\_\_\_\_ feet Well Diameter \_\_\_\_\_ inches  
 Depth to Water Dry 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 \_\_\_\_\_ gals Field Measurements stabilized within ± 10% \_\_\_\_\_  
 Time/Date Sampled \_\_\_\_\_ Purged/Sampled By \_\_\_\_\_  
 Sample Method \_\_\_\_\_  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations The well is dry

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



# MONITOR WELL DEVELOPMENT FIELD FORM

## FLUID LEVEL DATA

Well ID 42-00 Date Gauged 3-6-19  
 Site Dominique 2 Time Gauged 1000  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 29.29 feet Height of Fluid Column 5.71 feet  
 Total Depth 35.0 feet Volume in Well 3.7686 gallons  
 (3 Well Volumes = 11.3058 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 1017 3-6-19 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
<u>1000</u>			<u>15.8</u>	<u>1970</u>	<u>7.51</u>	<u>147</u>	<u>3.81</u>
<u>1012</u>	<u>4</u>	<u>4</u>	<u>19.7</u>	<u>1708</u>	<u>7.63</u>		
<u>1015</u>	<u>4</u>	<u>8</u>	<u>20.1</u>	<u>1897</u>	<u>7.59</u>		
<u>1017</u>	<u>4</u>	<u>12</u>	<u>20.5</u>	<u>1944</u>	<u>7.54</u>		

Actual Purge Volume \_\_\_\_\_ gals Field Measurements stabilized within ± 10% N

Time/Date Sampled 1017 3-6-19 Purged/Sampled By TV

Sample Method Pump

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

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

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

**MONITOR WELL DEVELOPMENT FIELD FORM**

**FLUID LEVEL DATA**

Well ID 42-09 Date Gauged 3-6-19  
 Site Dormer 2 Time Gauged 11:44

Depth to PSH \_\_\_\_\_ feet Well Diameter \_\_\_\_\_ inches  
 Depth to Water 49.51 feet Height of Fluid Column \_\_\_\_\_ feet  
 Total Depth 58.3 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 \_\_\_\_\_ gals Field Measurements stabilized within  $\pm 10\%$  \_\_\_\_\_  
 Time/Date Sampled \_\_\_\_\_ Purged/Sampled By \_\_\_\_\_  
 Sample Method \_\_\_\_\_  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations This well is broken

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 4210 Date Gauged 3-6-19  
 Site Dominguez 2 Time Gauged 12:42

Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 116.22 feet Height of Fluid Column 7.28 feet  
 Total Depth 123.5 feet Volume in Well 4.0048 gallons

(3 Well Volumes = 14.4144 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 12:45 3-6-19 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
<u>12:45</u>			<u>20.4</u>	<u>2250</u>	<u>7.51</u>	<u>131</u>	<u>5.28</u>
<u>12:47</u>	<u>4</u>	<u>4</u>	<u>26.5</u>	<u>2375</u>	<u>7.36</u>		
<u>12:49</u>	<u>4</u>	<u>8</u>	<u>26.7</u>	<u>2382</u>	<u>7.20</u>		
<u>12:51</u>	<u>4</u>	<u>12</u>	<u>26.9</u>	<u>2391</u>	<u>7.14</u>		

Actual Purge Volume 12-14 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 12:52 3-6-19 Purged/Sampled By JV  
 Sample Method Pump  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

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

# MONITOR WELL DEVELOPMENT FIELD FORM

## FLUID LEVEL DATA

Well ID 42-4 Date Gauged 3-6-17  
 Site Damages Time Gauged 12:11  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 7 inches  
 Depth to Water 126.77 feet Height of Fluid Column 6.73 feet  
 Total Depth 133.5 feet Volume in Well 4.4418 gallons  
 (3 Well Volumes = 13.3254 gallons)

## GROUNDWATER SAMPLING DATA

Time/date Purged 1215 3-6-17 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
<u>1215</u>			<u>19.8</u>	<u>1957</u>	<u>7.49</u>	<u>130</u>	<u>5.94</u>
<u>1217</u>	<u>3</u>	<u>3</u>	<u>24.0</u>	<u>1895</u>	<u>7.49</u>		
<u>1220</u>	<u>&lt;3</u>	<u>&lt;6.0</u>	<u>25.8</u>	<u>1949</u>	<u>7.30</u>		

Actual Purge Volume <6.0 gals Field Measurements stabilized within ± 10% N  
 Time/Date Sampled 1221 3-6-17 Purged/Sampled By SR  
 Sample Method Pump  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations well pumped dry.

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

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 42-12 Date Gauged 3-6-19  
 Site Dominique 2 Time Gauged 1226  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 133.28 feet Height of Fluid Column 6.12 feet  
 Total Depth 139.4 feet Volume in Well 4.0392 gallons  
 (3 Well Volumes = 12.1176 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 1229 3-6-19 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1229			18.9	1947	7.49	127	6.57
1232	4	4	26.1	1973	7.27		
1234	4	8	28.5	1982	7.28		
12:36	4	12	28.7	1988	7.23		

Actual Purge Volume 12 gals Field Measurements stabilized within ± 10% Y  
 Time/Date Sampled 1237 3-6-19 Purged/Sampled By JV  
 Sample Method Pump  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 42-13 Date Gauged 3-6-19  
 Site Dormeyer 2 Time Gauged 1102  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 57.78 feet Height of Fluid Column 9.72 feet  
 Total Depth 67.5 feet Volume in Well 6.4152 gallons  
 (3 Well Volumes = 19.2456 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 1106 3-6-19 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
<u>1106</u>			<u>20.0</u>	<u>4217</u>	<u>7.32</u>	<u>156</u>	<u>4.43</u>

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

Time/Date Sampled 1106 3-6-19 Purged/Sampled By JV

Sample Method Pump

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

Comments/Observations The amount of water flowing out of pump / well is very low. Enough to collect sample.

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

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

Well ID: LR6-00590-5-6 Sample ID: \_\_\_\_\_ Sample Time: 11:18

Well owner/location/residence: Dominguez 1

Street address: \_\_\_\_\_

Filtration system? (circle one) Y N Sampling personnel: Justin Vasquez

Start purge time: 11:03 Weather: Sunny

End purge time: 11:18 Purge Rate (gal/min): NA

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

Field Parameters:

	Time: 11:03	11:08	11:13	11:18	Within	Circle One:
Specific Conductance:	26.90	26.81	26.74	26.79	10%	<u>µs/cm</u> ms/cm
pH:	7.46	7.02	6.94	6.89	+/- 0.5	
Temperature:	26.5	26.6	26.6	26.7	+/- 1 C	°F °C
ORP:	130	122	117	108		mV

Notes/Comments: Sample collected from small hole made on side of steel pipe.

- flow meter not working

Well Configuration

Recorded By: Jay

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

Well ID: LR6-956 Sample ID: \_\_\_\_\_ Sample Time: 1134

Well owner/location/residence: Dominguez 2

Street address: \_\_\_\_\_

Filtration system? (circle one) Y N Sampling personnel: Justin Vasquez

Start purge time: NA Weather: \_\_\_\_\_

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

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

Field Parameters:

	Time: <u>1134</u>			Within	Circle One:
Specific Conductance:	<u>5403</u>			10%	$\mu\text{s/cm}$ $\text{ms/cm}$
pH:	<u>6.76</u>			+/- 0.5	
Temperature:	<u>17.4</u>			+/- 1 C	$^{\circ}\text{F}$ $^{\circ}\text{C}$
ORP:	<u>110</u>				mV

Notes/Comments: Sample collected from valve going into tank

Well Configuration

Recorded By: Jay



MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 177-01 Date Gauged 2-27-19

Site Gonzalez Time Gauged 10:39

Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches

Depth to Water 19.16 feet Height of Fluid Column 6.11 feet

Total Depth 25.27 feet Volume in Well 4.0326 gallons

(3 Well Volumes = 12.0978 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 1044 2-27-19 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1044	.25	.25	19.8	6771	7.16	154	2.52
1050	3.75	4.0	19.8	6764	7.19		
10:55	4.0	8	19.7	6758	7.14		
11:00	4.0	12	19.7	<del>486752</del>	7.09		

Actual Purge Volume 12 gals Field Measurements stabilized within ± 10% Y

Time/Date Sampled 1100 2-27-19 Purged/Sampled By JV

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 177-02 Date Gauged 2-27-19

Site Gonzalez Time Gauged 1107

Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches

Depth to Water 19.60 feet Height of Fluid Column 5.7 feet

Total Depth 25.30 feet Volume in Well 3.762 gallons

(3 Well Volumes = 11.286 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 11:10 2-27-19 Purged Method Bal

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
11:10	.25	.25	19.4	1842	7.59	125	2.22
11:14	3.50	3.75	19.4	2166	7.65		
11:19	3.75	7.50	19.5	2159	7.66		
11:23	3.75	11.25	19.6	2151	7.63		

Actual Purge Volume 11.25 gals Field Measurements stabilized within ± 10% \_\_\_\_\_

Time/Date Sampled 11:24 2-27-19 Purged/Sampled By JV

Sample Method Bal

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

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

Well Casing Volumes

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

**MONITOR WELL DEVELOPMENT FIELD FORM**

**FLUID LEVEL DATA**

Well ID 177-03A Date Gauged 2-27-19  
 Site Gonzales Time Gauged 930  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 21.14 feet Height of Fluid Column 14.07 feet  
 Total Depth 35.21 feet Volume in Well 2.3919 gallons  
 (3 Well Volumes = 7.1757 gallons)

**GROUNDWATER SAMPLING DATA**

Time/date Purged 930 2-27-19 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
938	.25	.25	21.8	2947	7.19	153	2.13
9:41	2.25	2.50	22.1	3639	7.10		
945	2.50	5.0	22.0	3963	6.90		
9:48	2.25	7.25	21.9	3989	6.86		

Actual Purge Volume 7.25 gals Field Measurements stabilized within ± 10% N

Time/Date Sampled 949 2-27-19 Purged/Sampled By JV

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 177-04 Date Gauged 2-27-19  
 Site Gonzalez Time Gauged 9:56

Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 24.77 feet Height of Fluid Column 21.48 feet  
 Total Depth 46.25 feet Volume in Well 14.1768 gallons

(3 Well Volumes = 42.5304 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged ~~10:10~~ 1001 2-27-19 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1001			20.9	5223	7.08	154	2.61
1009	15	15	21.5	5139	7.07		
10:17	15	30	21.4	5159	6.99		
10:24	15	45	22.2	5164	6.98		

Actual Purge Volume 45 gals Field Measurements stabilized within ± 10% Y

Time/Date Sampled 10:25 2-27-19 Purged/Sampled By JV

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 177-05 Date Gauged 2-27-19

Site Gonzake Time Gauged 11:59

Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches

Depth to Water 38.24 feet Height of Fluid Column 10.01 feet

Total Depth 48.85 feet Volume in Well 7.0026 gallons

(3 Well Volumes = 21.0078 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 12:06 2-27-19 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
12:06			21.3	6249	7.09	164	2.09
12:10	7	7	21.6	6142	7.05		
12:14	7	14	21.6	6100	7.09		
12:17	7	21	21.6	6088	7.07		

Actual Purge Volume 21 gals Field Measurements stabilized within ± 10% N

Time/Date Sampled 12:18 2-27-19 Purged/Sampled By JV

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 177-06 Date Gauged 2-27-19

Site Gonzales Time Gauged 1228

Depth to PSH \_\_\_\_\_ feet Well Diameter \_\_\_\_\_ inches

Depth to Water DRY feet Height of Fluid Column \_\_\_\_\_ feet

Total Depth 51.70 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 \_\_\_\_\_ gals Field Measurements stabilized within ± 10% \_\_\_\_\_

Time/Date Sampled \_\_\_\_\_ Purged/Sampled By \_\_\_\_\_

Sample Method \_\_\_\_\_

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

Comments/Observations The well is dry.

**Well Casing Volumes**

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

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 177-07R Date Gauged 2-27-19

Site Gonzales Time Gauged 11:33

Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches

Depth to Water 46.65 feet Height of Fluid Column 7.5 feet

Total Depth 54.15 feet Volume in Well 4.95 gallons

(3 Well Volumes = 14.85 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 11:37 2-27-19 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
11:37			21.1	4731	7.32	150	1.66
11:40	5	5	21.6	4748	7.27		
11:43	5	10	21.6	4756	7.24		
11:46	5	15	21.6	4760	7.24		

Actual Purge Volume 15 gals Field Measurements stabilized within ± 10% Y

Time/Date Sampled 11:46 2-27-19 Purged/Sampled By π

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

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

Well ID: LR6-05351-S Sample ID: \_\_\_\_\_ Sample Time: 824

Well owner/location/residence: Gonzalez Daisy

Street address: \_\_\_\_\_

Filtration system? (circle one) NAY N Sampling personnel: Justin Vasquez

Start purge time: NA Weather: Sunny

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

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

Field Parameters:

	Time: <u>824</u>	Within	Circle One:
Specific Conductance: <u>2912</u>		10%	<u>μS/cm</u> ms/cm
pH: <u>7.04</u>		+/- 0.5	
Temperature: <u>18.2</u>		+/- 1 C	°F <u>65</u>
ORP: <u>174</u>			mV

Notes/Comments: Sample collected from hose line near side of garage

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Well Configuration

Recorded By: \_\_\_\_\_



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

Well ID: LRG-00457 Pivot Sample ID: \_\_\_\_\_ Sample Time: 1013

Well owner/location/residence: Mountain View Driv

Street address: \_\_\_\_\_

Filtration system? (circle one) NA  N  Sampling personnel: Justin Vasquez

Start purge time: NA Weather: Sunny

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

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

Field Parameters:

	Time: <u>10:13</u>			Within	Circle One:
Specific Conductance:	<u>5806</u>			10%	<u>µS/cm</u> ms/cm
pH:	<u>6.77</u>			+/- 0.5	
Temperature:	<u>25.6</u>			+/- 1 C	°F <u>Ⓢ</u>
ORP:	<u>153</u>				mV

Notes/Comments: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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

Well ID: LR6-00457-S-Flood Sample ID: \_\_\_\_\_ Sample Time: 1022

Well owner/location/residence: Mountain View Duncy

Street address: \_\_\_\_\_

Filtration system? (circle one) Y N Sampling personnel: Justin Vasquez

Start purge time: NA Weather: Sunny

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

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

Field Parameters:

	Time: <u>1022</u>			Within	Circle One:
Specific Conductance:	<u>4368</u>			10%	<del>µS/cm</del> ms/cm
pH:	<u>7.04</u>			+/- 0.5	
Temperature:	<u>22.3</u>			+/- 1 C	°F <u>°C</u>
ORP:	<u>136</u>				mV

Notes/Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 70-01 Date Gauged 2-26-19

Site Mt. View Time Gauged 12:35

Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches

Depth to Water 36.95 feet Height of Fluid Column 8.68 feet

Total Depth 45.63 feet Volume in Well 5.7288 gallons

(3 Well Volumes = 17.1864 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 1247 2-26-19 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1247			22.1	525166	7.40	145	2.13
12:50	5	5	21.4	4691	7.24		
12:53	5	10	21.4	4594	7.14		
12:57	10	20	21.5	4577	7.11		

Actual Purge Volume 17.20 gals Field Measurements stabilized within ± 10% N

Time/Date Sampled 12:58 2-26-19 Purged/Sampled By JV

Sample Method Pump

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

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

Well Casing Volumes

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

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 70-02 Date Gauged 2-26-19

Site Mountain View Time Gauged 1052

Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches

Depth to Water 46.66 feet Height of Fluid Column 3.01 feet

Total Depth 49.67 feet Volume in Well 1.9866 gallons

(3 Well Volumes = 5.9598 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 1059 2-26-19 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1059	0.25	0.25	22.2	4616	7.24	147	1.86
1104	1.75	2.0	22.1	4542	7.36		
1109	2.0	4.0	22.2	4661	7.31		
1113	2.0	6.0	22.2	4665	7.29		

Actual Purge Volume 6.0 gals Field Measurements stabilized within ± 10% Y

Time/Date Sampled 1114 2-26-19 Purged/Sampled By JV

Sample Method Bail

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

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

Well Casing Volumes

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

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 70-03 Date Gauged 2-26-19

Site Mt. View Time Gauged 9:20

Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches

Depth to Water 56.92 feet Height of Fluid Column 4.33 feet

Total Depth 61.25 feet Volume in Well 2.8570 gallons

(3 Well Volumes = 8.5734 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 9:39 2-26-19 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
9:39	.25	.25	20.8	6336	6.50	176	1.29
9:44	2.50	2.75	20.6	6179	6.56		
9:50	2.75	5.50	20.6	6170	6.55		
9:57	3.0	8.50	20.7	6164	6.57		

Actual Purge Volume 8.50 gals Field Measurements stabilized within ± 10% ✓

Time/Date Sampled 9:57 2-26-19 Purged/Sampled By JV

Sample Method Bail

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

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

Well Casing Volumes

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

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 70-04 Date Gauged 2-26-19

Site Mt. View Time Gauged 12:04

Depth to PSH \_\_\_\_\_ feet Well Diameter 4 2 inches

Depth to Water 35.04 feet Height of Fluid Column 12.86 feet

Total Depth 47.90 feet Volume in Well 2.1862 gallons

(3 Well Volumes = 6.5586 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 12:11 2-26-19 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
12:11	.25	.25	22.4	4509	6.91	145	2.34
12:14	2.0	2.25	22.5	4416	7.15		
12:17	2.25	<del>4.50</del> 4.50	22.5	4521	7.12		
12:21	2.0	6.50	22.4	4513	7.09		

Actual Purge Volume 6.50 gals Field Measurements stabilized within ± 10% N

Time/Date Sampled 12:22 2-26-19 Purged/Sampled By JV

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

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

Well ID: 952 BN  
LR6-00457      Sample ID: \_\_\_\_\_      Sample Time: 11:55

Well owner/location/residence: Mountain View Dairy

Street address: \_\_\_\_\_

Filtration system? (circle one) NA Y    N    Sampling personnel: Justin Vasquez

Start purge time: NA      Weather: Sunny

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

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

Field Parameters:

	Time: <u>11:55</u>			Within	Circle One:
Specific Conductance:	<u>370.2</u>			10%	<u>µs/cm</u> ms/cm
pH:	<u>6.44</u>			+/- 0.5	
Temperature:	<u>28.0</u>			+/- 1 C	°F    °C
ORP:	<u>186</u>				mV

Notes/Comments: Sample collected from pvc, valve coming out of ground

\_\_\_\_\_  
 \_\_\_\_\_

# Chain-of-Custody Record

Client: EA Engineering, Science, and Technology

Mailing Address: 320 Gold Ave SW Suite 1300 Albuquerque, NM, 87102

Phone #: 505-715-4279

email or Fax#: rmullen@eaest.com

QA/QC Package:

Standard  Level 4 (Full Validation)

Accreditation:

NELAP  Other

EDD (Type)

Turn-Around Time:

Standard  Rush

Project Name:

Mountain View Dairy

Project #:

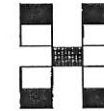
Project Manager:

Gina Mullen

Sampler: Justin Vasquez

On Ice:  Yes  No

Sample Temperature: 0.1



## HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

### Analysis Request

Nitrate/Nitrite EPA Method 300.0	TKN SM 4500 NORG C	Chloride EPA 300.0	TDS SM 2540 C MOD	Sulfate EPA 300.0	Phosphorus EPA 6010B	Total Sulfur												Air Bubbles (Y or N)
X	X	X	X															

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No
2-25-19	11:55	W	LR6-00457 <sup>952</sup> Jm	2		1902H65 -001

Date: 2-25-19	Time: 1400	Relinquished by: <i>Jm</i>	Received by: <i>Corcoran</i>	Date: 2/26/19	Time: 0850
Date:	Time:	Relinquished by:	Received by:	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.



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

Well ID: LRG-00457 Pivot Sample ID: \_\_\_\_\_ Sample Time: 1013

Well owner/location/residence: Mountain View Drig

Street address: \_\_\_\_\_

Filtration system? (circle one) NA  N  Sampling personnel: Justin Vasquez

Start purge time: NA Weather: Sunny

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

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

Field Parameters:

	Time: <u>10:13</u>			Within	Circle One:
Specific Conductance:	<u>5806</u>			10%	<u>µS/cm</u> ms/cm
pH:	<u>6.77</u>			+/- 0.5	
Temperature:	<u>25.6</u>			+/- 1 C	°F <u>Ⓢ</u>
ORP:	<u>153</u>				mV

Notes/Comments: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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

Well ID: LR6-00457-S-Flood Sample ID: \_\_\_\_\_ Sample Time: 1022

Well owner/location/residence: Mountain View Duncy

Street address: \_\_\_\_\_

Filtration system? (circle one) Y N Sampling personnel: Justin Vasquez

Start purge time: NA Weather: Sunny

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

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

Field Parameters:

	Time: <u>1022</u>			Within	Circle One:
Specific Conductance:	<u>4368</u>			10%	<u>us/cm</u> ms/cm
pH:	<u>7.04</u>			+/- 0.5	
Temperature:	<u>22.3</u>			+/- 1 C	°F <u>°C</u>
ORP:	<u>136</u>				mV

Notes/Comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 70-01 Date Gauged 2-26-19  
 Site Mt. View Time Gauged 12:35

Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches  
 Depth to Water 36.95 feet Height of Fluid Column 8.68 feet  
 Total Depth 45.63 feet Volume in Well 5.7288 gallons

(3 Well Volumes = 17.1864 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 1247 2-26-19 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1247			22.1	525166	7.40	145	2.13
12:50	5	5	21.4	4691	7.24		
12:53	5	10	21.4	4594	7.14		
12:57	10	20	21.5	4577	7.11		

Actual Purge Volume 17.20 gals Field Measurements stabilized within ± 10% N

Time/Date Sampled 12:58 2-26-19 Purged/Sampled By JV

Sample Method Pump

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

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

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

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 70-02 Date Gauged 2-26-19

Site Mountain View Time Gauged 1052

Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches

Depth to Water 46.66 feet Height of Fluid Column 3.01 feet

Total Depth 49.67 feet Volume in Well 1.9866 gallons

(3 Well Volumes = 5.9598 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 1059 2-26-19 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1059	0.25	0.25	22.2	4616	7.24	147	1.86
1104	1.75	2.0	22.1	4542	7.36		
1109	2.0	4.0	22.2	4661	7.31		
1113	2.0	6.0	22.2	4665	7.29		

Actual Purge Volume 6.0 gals Field Measurements stabilized within ± 10% Y

Time/Date Sampled 1114 2-26-19 Purged/Sampled By JV

Sample Method Bail

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

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

Well Casing Volumes

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

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 70-03 Date Gauged 2-26-19

Site Mt. View Time Gauged 9:20

Depth to PSH \_\_\_\_\_ feet Well Diameter 4 inches

Depth to Water 56.92 feet Height of Fluid Column 4.33 feet

Total Depth 61.25 feet Volume in Well 2.8570 gallons

(3 Well Volumes = 8.5734 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 9:39 2-26-19 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
9:39	.25	.25	20.8	6336	6.50	176	1.29
9:44	2.50	2.75	20.6	6179	6.56		
9:50	2.75	5.50	20.6	6170	6.55		
9:57	3.0	8.50	20.7	6164	6.57		

Actual Purge Volume 8.50 gals Field Measurements stabilized within ± 10% ✓

Time/Date Sampled 9:57 2-26-19 Purged/Sampled By JV

Sample Method Bail

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

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

Well Casing Volumes

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

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 70-04 Date Gauged 2-26-19

Site Mt. View Time Gauged 12:04

Depth to PSH \_\_\_\_\_ feet Well Diameter 4 2 inches

Depth to Water 35.04 feet Height of Fluid Column 12.86 feet

Total Depth 47.90 feet Volume in Well 2.1862 gallons

(3 Well Volumes = 6.5586 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 12:11 2-26-19 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
12:11	.25	.25	22.4	4509	6.91	145	2.34
12:14	2.0	2.25	22.5	4416	7.15		
12:17	2.25	<del>4.50</del> 4.50	22.5	4521	7.12		
12:21	2.0	6.50	22.4	4513	7.09		

Actual Purge Volume 6.50 gals Field Measurements stabilized within ± 10% N

Time/Date Sampled 12:22 2-26-19 Purged/Sampled By JV

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

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

Well ID: LR6-00457 Sample ID: \_\_\_\_\_ Sample Time: 11:55

Well owner/location/residence: Mountain View Dairy

Street address: \_\_\_\_\_

Filtration system? (circle one) NA Y N Sampling personnel: Justin Vasquez

Start purge time: NA Weather: Sunny

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

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

Field Parameters:

Time:	<u>11:55</u>				Within	Circle One:
Specific Conductance:	<u>370.2</u>				10%	<u>us/cm</u> ms/cm
pH:	<u>6.44</u>				+/- 0.5	
Temperature:	<u>28.0</u>				+/- 1 C	°F °C
ORP:	<u>186</u>					mV

Notes/Comments: Sample collected from pvc, valve coming out of ground

\_\_\_\_\_  
 \_\_\_\_\_





MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 126-04 Date Gauged 2-22-19

Site Organ Time Gauged 11:11

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches

Depth to Water 35.33 feet Height of Fluid Column 2.92 feet

Total Depth 38.25 feet Volume in Well 1.9272 gallons

(3 Well Volumes = 5.7816 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 11:14 2-22-19 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
11:14	.25	.25	20.7	3471	7.12	154	1.79
11:17	1.75	2.0	21.2	3416	6.98		
11:21	2.0	4.0	21.5	3649	7.25		
11:25	2.0	6.0	21.6	3631	7.19		

Actual Purge Volume \_\_\_\_\_ gals Field Measurements stabilized within ± 10% N

Time/Date Sampled 11:25 2-22-19 Purged/Sampled By JV

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 126-05 Date Gauged 2-22-17  
 Site Oregon Time Gauged 11:59

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 27.20 feet Height of Fluid Column 4.22 feet  
 Total Depth 31.50 feet Volume in Well 7.774 gallons  
 (3 Well Volumes = 2.1522 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 1203 2-22-17 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1203	.25	.25	21.1	5566	7.51	150	1.51
12:06	4.50	4.75	20.5	5677	7.41		

Actual Purge Volume 4.75 gals Field Measurements stabilized within ± 10% N

Time/Date Sampled 12:07 2-22-17 Purged/Sampled By JV

Sample Method Bail

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

Comments/Observations well bailed clay

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 126-07 Date Gauged 2-22-19

Site Origin Time Gauged 10:57

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches

Depth to Water 35.52 feet Height of Fluid Column 3.66 feet

Total Depth 39.18 feet Volume in Well .6222 gallons

(3 Well Volumes = 1.8666 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 11:01 2-22-19 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
11:01	.25	.25	20.8	4314	7.04	161	1.54
11:03	.50	.75	21.1	4271	7.0		

Actual Purge Volume 4.25 gals Field Measurements stabilized within ± 10% N

Time/Date Sampled 11:05 2-22-19 Purged/Sampled By JV

Sample Method Bail

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

Comments/Observations Well bailed dry

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 126-09 Date Gauged 2-22-19

Site Orger Time Gauged 1015

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches

Depth to Water 78.75 feet Height of Fluid Column 3.88 feet

Total Depth 82.63 feet Volume in Well .6596 gallons

(3 Well Volumes = 1.9788 gallons)

**GROUNDWATER SAMPLING DATA**

Time/date Purged 10:20 2-22-19 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
10:20	.25	.25	20.6	1214	6.45	170	2.29
10:24	2.75	2.10	20.6	1429	6.73		

Actual Purge Volume 2.10 gals Field Measurements stabilized within ± 10% N

Time/Date Sampled 10:26 2-22-19 Purged/Sampled By JV

Sample Method Bail

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

Comments/Observations Well bailed dry.

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

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 126-12 Date Gauged 2-22-19  
 Site Orion Time Gauged 12:13  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 9 inches  
 Depth to Water 22.53 feet Height of Fluid Column 7.29 feet  
 Total Depth 29.82 feet Volume in Well 9.8114 gallons  
 (3 Well Volumes = 19.4342 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 12:18 2-22-19 Purged Method Pump

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
12:18			19.6	3355	7.39	115	1.17
12:22	5	5	19.7	3329	7.42		
12:26	5	10	19.7	3322	7.37		
12:30	5	15	19.6	3316	7.33		

Actual Purge Volume 15 gals Field Measurements stabilized within ± 10% \_\_\_\_\_

Time/Date Sampled 12:36 2-22-19 Purged/Sampled By JV

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 126-13 Date Gauged 2-22-19

Site Oregon Time Gauged 10:31

Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches

Depth to Water 42.48 feet Height of Fluid Column 16.39 feet

Total Depth 58.87 feet Volume in Well 2.7863 gallons

(3 Well Volumes = 8.3589 gallons)

**GROUNDWATER SAMPLING DATA**

Time/date Purged 1035 2-22-19 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1035	.25	.25	20.6	4740	6.64	173	1.29
10:40	2.5	2.75	20.8	464717	6.64		
10:45	2.75	5.50	20.7	4709	6.62		
10:50	2.75	8.25	20.7	4711	6.62		

Actual Purge Volume 8.25 gals Field Measurements stabilized within ± 10% Y

Time/Date Sampled 10:57 2-22-19 Purged/Sampled By JV

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

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

Well ID: LR6-4585 Sample ID: \_\_\_\_\_ Sample Time: 12:46

Well owner/location/residence: Organ Dairy

Street address: \_\_\_\_\_

Filtration system? (circle one) NA Y N Sampling personnel: Justin Vasquez

Start purge time: NA Weather: \_\_\_\_\_

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

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

Field Parameters:

	Time:	Within	Circle One:
Specific Conductance:	<u>12:46</u> <u>4880</u>	10%	$\mu\text{s/cm}$ $\text{ms/cm}$
pH:	<u>6.74</u>	+/- 0.5	
Temperature:	<u>25.8</u>	+/- 1 C	$^{\circ}\text{F}$ <u>80</u>
ORP:	<u>130</u>		mV

Notes/Comments: Sample collected from hose line inside parlor.

\_\_\_\_\_

\_\_\_\_\_

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

Well ID: Orgen Irrigation Well Sample ID: \_\_\_\_\_ Sample Time: 11:51

Well owner/location/residence: Orgen Dairy

Street address: \_\_\_\_\_

Filtration system? (circle one) Y N Sampling personnel: Justin Vasquez

Start purge time: 11:36 Weather: Sunny

End purge time: 11:51 Purge Rate (gal/min): NA

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

Field Parameters:

	Time: <u>11:36</u>	<u>11:41</u>	<u>11:46</u>	<u>11:51</u>	Within	Circle One:
Specific Conductance:	<u>4263</u>	<u>4197</u>	<u>3960</u>	<u>3961</u>	10%	<u>us/cm</u> ms/cm
pH:	<u>7.23</u>	<u>7.04</u>	<u>7.0</u>	<u>6.96</u>	+/- 0.5	
Temperature:	<u>19.7</u>	<u>19.5</u>	<u>19.3</u>	<u>19.2</u>	+/- 1 C	°F <u>ed</u>
ORP:	<u>146</u>	<u>147</u>	<u>149</u>	<u>140</u>	mV	

Notes/Comments: Sampled from pipe going into canal.  
Gauge is broken for purge rate.



MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 257-01 Date Gauged 3-1-19  
 Site Sunset / Decetland Time Gauged 11:19  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 21.0 feet Height of Fluid Column 4.91 feet  
 Total Depth 25.91 feet Volume in Well .8347 gallons  
 (3 Well Volumes = 2.5041 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 11:24 3-1-19 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
11:24	.25	.25	20.6	4768	7.01	181	1.07
11:25	.75	1.0	19.8	4596	7.24		
11:28	1.5	2.50	19.7	4790	7.27		

Actual Purge Volume 2.5 gals Field Measurements stabilized within ± 10% \_\_\_\_\_  
 Time/Date Sampled 11:24 3-1-19 Purged/Sampled By JV  
 Sample Method Bail  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 257-02 Date Gauged 3-1-19  
 Site Sunset/Desertland Time Gauged 1047  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 14.91 feet Height of Fluid Column 5.79 feet  
 Total Depth ~~25.91~~<sup>20.70</sup> feet Volume in Well .9843 gallons  
 (3 Well Volumes = 2.9529 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 1053 3-1-19 Purged Method Bail

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1053	.25	.25	21.1	3748	6.67	169	2.11
10:55	.75	1.0	19.0	3617	6.90		
1057	1.0	2.0	18.8	3582	6.99		
11:00	1.0	3.0	19.0	3707			

Actual Purge Volume 3.0 gals Field Measurements stabilized within ± 10% \_\_\_\_\_  
 Time/Date Sampled 11:01 3-1-19 Purged/Sampled By JV  
 Sample Method Bail  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations \_\_\_\_\_

MONITOR WELL DEVELOPMENT FIELD FORM

FLUID LEVEL DATA

Well ID 74-25703 Date Gauged 3-1-17  
 Site Sunset / Desertland Time Gauged 11:43  
 Depth to PSH \_\_\_\_\_ feet Well Diameter 2 inches  
 Depth to Water 13.14 feet Height of Fluid Column .82 feet  
 Total Depth 13.96 feet Volume in Well .1394 gallons  
 (3 Well Volumes = .4182 gallons)

GROUNDWATER SAMPLING DATA

Time/date Purged 1152 3-1-17 Purged Method Drill

Time	Purge Vol (gal)	Cumul Purge Vol (gal)	Temp (°C)	SpC (µs/cm)	pH	ORP (mV)	DO (mg/L)
1152	2.25	2.25	18.7	4021	7.17	153	2.28

Actual Purge Volume 2.50 gals Field Measurements stabilized within ± 10% N  
 Time/Date Sampled 11:55 3-1-17 Purged/Sampled By JV  
 Sample Method Bal  
 Requested Analyses \_\_\_\_\_  
 Comments/Observations Well bailed dry

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

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

Well ID: Sunset-LRG-3348-AS Sample ID: \_\_\_\_\_ Sample Time: 1037

Well owner/location/residence: Sunset / Desert Land, Dancy

Street address: \_\_\_\_\_

Filtration system? (circle one) NA Y N Sampling personnel: Justin Vasquez

Start purge time: NA Weather: Sunny

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

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

Field Parameters:

Time: <u>1037</u>				Within	Circle One:
Specific Conductance: <u>2619</u>				10%	<u>µS/cm</u> ms/cm
pH: <u>7.04</u>				+/- 0.5	
Temperature: <u>22.1</u>				+/- 1 C	°F <u>°C</u>
ORP: <u>151</u>					mV

Notes/Comments: Sample collected from hose inside pactor

Well Configuration

Recorded By: [Signature]

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

Well ID: Desertland-LR6-334B-B Sample ID: \_\_\_\_\_ Sample Time: 1024

Well owner/location/residence: Sunset Dairy / Desert Land Dairy

Street address: \_\_\_\_\_

Filtration system? (circle one) NA Y N Sampling personnel: Justin Vasquez

Start purge time: NA Weather: Sunny

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

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

Field Parameters:

	Time: <u>1024</u>			Within	Circle One:
Specific Conductance:	<u>2256</u>			10%	<u>µs/cm</u> ms/cm
pH:	<u>7.13</u>			+/- 0.5	
Temperature:	<u>24.5</u>			+/- 1 C	°F <input checked="" type="radio"/>
ORP:	<u>143</u>				mV

Notes/Comments: Sample collected from tank

\_\_\_\_\_

\_\_\_\_\_

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\_\_\_\_\_

Well Configuration

Recorded By: July