Herbst, Charlene@Waterboards

From: Mr. Jeff Fleming <jefflem@dairydesigners.com>
Sent: Friday, July 20, 2012 4:25 PM
To: Herbst, Charlene@Waterboards; Davis, Daniel@Waterboards; Corral, Gilberto@Waterboards; Walsh, Sean@Waterboards
Cc: David Avila; Skelton Chris
Subject: Sounding Data - Directive 4, Cleanup and Abatement Order R5-2012-0708
Attachments: B 2012-7-16 Well Purge Data MW1, MW2, MW3.pdf

Here is well sounding data taken 16 July, 2012 for the 3 monitoring wells at Henry Tosta Dairy. Includes depth to water, total depth, water column height, all to the nearest hundredth of a foot, and field readings of temperature, conductivity, ORP, and pH.

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Date: 7/16/2012 Well Purge Data Well Designated MW3

15:40	DTW = 7.6	TD = 19.79	Water Column Height =	TD-DTW= 12.19	
	One well volume =	2.072	Three well volumes = 6.217	Pumping rate = approx. 1 gal/min	
15:49	Started well pumping				
16:01	Stopped well pumping				

Gallons pumped = approx. 12 Gallons

	Temperature (°C)	Conductivity (µS/cm)	ORP	pH	Notes
15:56	22	1908	-75	7.1	
15:58	20.4	1923	-54	7.0	
16:00	20.2	1931	-52	7.0	

	Meters	Feet		Feet
Well Elevation:	??	#VALUE!	Water Table Elevation:	#VALUE!

°C... degrees Celsius
µS/cm... microSiemens per centimeter
ORP... Oxidation Reduction Potential

Date: 7/16/2012 Well Purge Data Well Designated MW2

11:52	DTW = 6.93	TD =	23.29	Water Column Height =		TD-DTW= 16.36
	One well volume =	2.781	Three well volumes =		8.344	Pumping rate = approx. 1.0 gal/min
N/A	Started well pumping					
N/A	Stopped well pumping					

Gallons pumped = approx. 0 Gallons

	Temperature (°C)	Conductivity (µS/cm)	ORP	pH	Notes
18:00	22.8	538	169	7	
18:02	22.9	534	108	6.9	
18:04	23.3	524	110	6.9	

Well Elevation:	Meters	Feet	Water Table Elevation:	Feet
	??	#VALUE!		#VALUE!

°C... degrees Celsius
µS/cm... microSiemens per centimeter
ORP... Oxidation Reduction Potential

Date: 7/16/2012 Well Purge Data Well Designated MW1

14:42	DTW = 5.33	TD = 20.01	Water Column Height =	TD-DTW= 14.68	
	One well volume =	2.496	Three well volumes = 7.487	Pumping rate = approx. 1.0 gal/min	
15:11	Started well pumping				
15:30	Stopped well pumping				

Gallons pumped = approx. 19 Gallons

	Temperature (°C)	Conductivity (µS/cm)	ORP	pH	Notes
15:19	25.3	1460	234	6.9	
15:24	24.4	1616	211	7	
15:29	23	1929	234	7.2	

Well Elevation:	Meters	Feet	Water Table Elevation:	Feet
	??	#VALUE!		#VALUE!

°C... degrees Celsius
µS/cm... microSiemens per centimeter
ORP... Oxidation Reduction Potential