

## 2016 Groundwater Quality Summary

WELL	2016 TEMP (°C)	2016 pH	2016 EC (µs/cm)
<b>SUB- AREA 3</b>			
1	21.9	8.0	331
2	NM	NM	NM
3	NM	NM	NM
<b>SUB- AREA 4</b>			
4	NM	NM	NM
<b>SUB-AREA 5</b>			
6	NM	NM	NM
7	20.5	7.4	577
<b>SUB-AREA 7</b>			
8	NM	NM	NM
9 (Average of 6 monitoring wells)	Report Requested	Report Requested	Report Requested
10	NM	NM	NM
<b>SUB-AREA 8</b>			
11	NM	NM	NM
12	NM	NM	NM
13	19.1	7.6	522
5	NM	NM	NM
<b>SUB-AREA 9</b>			
14	18.1	7.4	1108
15	18.5	7.7	527
<b>SUB-AREA 10</b>			
17	NM	NM	NM
16	20	7.4	408
18	NM	NM	NM
CalWater-Willows (2015 report)	NM	7.8	533
<b>SUB-AREA 11</b>			
19	20.0	8.0	603
<b>SUB-AREA 12</b>			
20	NM	NM	NM
21	NM	NM	NM
<b>SUB-AREA 13</b>			
22	19.1	7.9	487
<b>SUB-AREA 14</b>			
23	NM	NM	NM
24	NM	NM	NM
25	NM	NM	NM
<b>SUB-AREA 15</b>			
26	NM	NM	NM
27	NM	NM	NM

**\*\*\* NO MULTI COMPLETION WELLS INCLUDED**

\*\*\* pH Water Quality Threshold 6.5---8.5

\*\*\* EC Water Quality Threshold <900 µs/cm= Drinking Water <700 µs/cm = Ag water

8 wells sampled

pH-All within normal range

1 monitoring wells/well groups average exceeds the 700 µS/cm agricultural standards

1 well exceeds the 700 µS/cm agricultural standards and 900 µS/cm drinking water standards

## 2016 Groundwater Quality Summary

WELL	TEMP (°C)			pH			EC (µs/cm)		
	2016	Average	Range	2016	Average	Range	2016	Average	Range
<b>SUB- AREA 3</b>									
1	21.9	22.0	21.1-22.9	8.0	7.8	7.1-8.2	331	301	244-331
2	NM	23.0	22.4-24.6	NM	8	7.8-8.3	NM	550	523-593
3	NM	20.5	19.4-21.2	NM	7.9	7.5-8.3	NM	244	191-283
<b>SUB- AREA 4</b>									
4	NM	19.3	18.0-21.0	NM	7.7	7.0-8.1	NM	310	264-354
<b>SUB-AREA 5</b>									
6	NM	19.2	18.2-20.7	NM	7.3	6.9-7.9	NM	630	332-846
7	20.5	20.8	19.3-22.9	7.4	7.2	6.4-8.1	577	452	226-572
<b>SUB-AREA 7</b>									
8	NM	19.0	17.9-20.3	NM	7.5	7.0-7.9	NM	558	458-636
9 (Average of 6 monitoring wells)	Report Requested			Report Requested			Report Requested		
10	NM	19.7	18.5-20.5	NM	7.5	7.0-8.1	NM	585	473-665
<b>SUB-AREA 8</b>									
11	NM	18.7	16.9-20.7	NM	7.5	7.1-7.8	NM	682	457-868
12	NM	18.9	17.6-20.4	NM	7.7	7.3-8.1	NM	526	253-668
13	19.1	20.1	19.4-21.3	7.6	7.5	7.0-7.9	522	443	240-481
5	NM	19.7	18.7-21.0	NM	7.4	7.0-8.1	NM	462	247-529
<b>SUB-AREA 9</b>									
14	18.1	18.3	17.3-19.7	7.4	7.4	7.0-7.6	1108*	953*	495-1083
15	18.5	19.0	17.7-21.3	7.7	7.3	6.4-7.8	527	595	419-744
<b>SUB-AREA 10</b>									
17	NM	18.8	18.2-20.0	NM	7.6	7.1-8.0	NM	582	303-796
16	20	20.1	19.0-21.2	7.4	7.1	6.5-7.7	408	388	207-480
18	NM	19.1	18.2-20.0	NM	7.4	6.9-7.8	NM	679	421-818
CalWater-Willows (2015 report)	NM	NM	NM	7.9	7.9	7.9-8.1	566	530	409-566
<b>SUB-AREA 11</b>									
19	20.0	19.6	18.5-20.9	8.0	7.8	7.5-8	603	463	359-653
<b>SUB-AREA 12</b>									
20	NM	19.6	19.0-20.7	NM	7.9	7.2-8.3	NM	284	239-316
21	NM	19.9	19.0-20.9	NM	7.9	7.5-8.3	NM	301	260-344
<b>SUB-AREA 13</b>									
22	19.1	19.6	18.6-20.5	7.9	7.7	7.3-8.4	487	447	395-487
<b>SUB-AREA 14</b>									
23	NM	18.9	18.0-19.9	NM	7.7	7.1-8.1	NM	433	358-484

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WELL	TEMP (°C)			pH			EC (µs/cm)		
	2016	Average	Range	2016	Average	Range	2016	Average	Range
24	NM	18.6	17.7-20.1	NM	7.7	7.0-8.0	NM	406	358-467
25	NM	19.1	18.5-19.9	NM	7.7	7.3-7.9	NM	438	369-493
<b>SUB-AREA 15</b>									
26	NM	19.8	18.2-21.7	NM	7.9	7.6-8.0	NM	463	278-678
27	NM	19.0	17.8-19.8	NM	7.6	7.1-8.2	NM	537	388-619

\* exceeds the EC Water Quality Threshold for agricultural water standards

Notes:

**NO MULTI COMPLETION WELLS INCLUDED**

pH Water Quality Threshold 6.5---8.5

EC Water Quality Threshold <900 µs/cm= Drinking Water <700 µs/cm = Ag water

Averages and ranges calculated on period of record

8 wells sampled for the 2015 season

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