



*State of Utah Department of  
Agriculture and Food*

# **2006 State of Utah Ground-Water Program**



*By  
Mark C. Quilter  
&  
Rich Riding*

## ACKNOWLEDGMENTS

The Utah Department of Agriculture and Food's (UDAF's) 2006 Ground-Water Sampling Program is successful because of contributions made by many people. UDAF's ground-water steering committee consists of Commissioner Leonard Blackham; Directors George Hopkin, Clair Allen, and Dr. David Clark; and Program Leader Clark Burgess. This committee gives guidance, support, and direction to the program.

Efforts by members of the Utah Association of Conservation Districts (UACD) have also contributed greatly to the success of the 2006 sampling program. They helped select sampling sites and navigated us to locations of wells to be sampled. Their knowledge of local areas and contact with people who desired well sampling proves invaluable.

Terry Monroe and Will Atkin of Utah Division of Water Rights (WR) helped in selection of well sites in the Pahvant and Curlew valleys.

This program has received excellent support from the UDAF Chemistry Laboratory Division, which performed sample analyses. The State Chemist, Dr. David Clark; staff chemists, Mohammed Sharaf, Cham Hoang, and Ivett McQueen and technical assistant; James Palmer provided prompt analysis of pesticide and inorganic samples collected during the year.

A critical part of the program is the collection, distribution, and maintenance of data. Anne M. Johnson, UDAF's GIS Coordinator, has been most helpful by efficiently producing GIS-based maps and giving suggestions for proper data management. Her work is exhibited throughout this report. This year a new computerized data collection and management software package has been written which binds sample collection, testing, reporting, and data management into one system. Pavel Milyasvsky a computer programmer for UDAF has written the software. Much of this report is generated by this software. We are grateful for Pavel's help and support.

Virginia Sligting, secretary in The Division of Marketing and Conservation, has worked tirelessly in assembling, editing, and proofreading the report manuscript. Her careful work has insured a much more accurate document.

In 2006 Steve Deakins of UDAF helped in the field sampling program. Without his dedication and excellent work fewer samples would have been collected.

Finally, thanks are extended to the owners of wells without whose participation and trust this program would not have functioned.

Prepared by:  
*Mark Quilter and Rich Riding*  
*Utah Department of Agriculture and Food*

**Front Cover:** Steve Deakins of UDAF sampling a private drinking water spring east of Salt Lake City.

# **Utah Department of Agriculture & Food**

## **State Ground-Water Program**

### **Report 2006**

Utah Department of Agriculture and Food's (UDAF's) State Ground-Water Program is funded by the legislature to assist private well owners and other agencies, organizations and concerned citizens to have a better understanding of water quality. Provisions of the Federal Clean Water Act require drinking water testing for public water systems. This act does not require testing of private wells used for drinking water, irrigation, and livestock watering even though these wells account for the majority of ground-water use in the State of Utah.

This report covers testing of private wells in the state by UDAF's State Ground-Water Program for 2006.

#### **Cooperative Effort**

UDAF has a memorandum of understanding with the Utah Division of Water Rights (WR) for collecting ground-water data from Pahvant and Curlew valleys. Sample analyses were done for inorganic and organic constituents that influence water quality. Guidance from WR has helped in selecting sampling sites and sharing data.

UDAF also works closely with the Department of Environmental Quality (DEQ) in providing expertise for the State Pesticide Management Plan and other ground-water programs. This relationship benefits UDAF by allowing agriculture's voice to be heard and its ideas considered during the planning process. UDAF is an essential link between DEQ and farmers and ranchers of the state regarding environmental issues.

The State Ground-Water Program works with members of local Soil Conservation Districts (SCDs) and Utah Association of Conservation Districts (UACD) to identify private wells for sampling. SCD cooperation and knowledge of the local area has been very beneficial in identifying wells for sampling, meeting well owners, and distributing information. The work of local district members who advertise, collect names, and organize sampling events helps to make the program successful.

#### **UDAF's Ground-Water Sampling Procedures**

UDAF meets with SCDs to inform and update members on ground-water issues. Districts then select wells for sampling in their area and obtain preliminary sample information by using UDAF's Pre-Sample Information Form (Fig. 1). For Pahvant and Curlew valleys, WR selected wells to be sampled.

Local SCD members escorted UDAF personnel to selected well sites. At each well, location was determined using a Global Positioning System (GPS) receiver. Water was then collected for inorganic, bacteria, and pesticide analyses at each well using established protocol. Samples were packed in ice and taken to the laboratory for analysis. Reports summarizing laboratory results were sent to each well owner. GPS information was provided to UDAF's GIS administrator who provided maps of the sampled areas.

During 2006, UDAF tested all samples for coliform and E. coli bacteria using IDEXX Colilert MUG kits in the field. This has been a significant addition to the program. Major changes in chemical analysis have taken place during 2006. UDAF's laboratory has added three new analytical devices, Dionex IC3000 for ion measurements, automated titrator for carbonate and bicarbonate, and an ICP mass spectrophotometer for elements. These advancements have increased the number elements, ions, and compounds that can be tested as well as improved the accuracy of the analysis. The laboratory now reports to us Fluoride, Mercury, Nitrate, Perchlorate, and Silver as well as lower detection limits for many of the elements. Total Dissolved Solids (TDS) is now calculated using "sum of constituents" instead of using electrical conductivity measurements.

## **Areas Sampled**

During 2006, 385 samples were taken from wells, drains, and springs in all of the seven UACD zones in the state. The focus of this years work was in zone 3 (Summit, Utah, and Wasatch Counties) and zone 7 ( Carbon, Emery, Grand, and San Juan Counties). Each UACD zone and district sampled is addressed in this report, with a map showing sample location and a table of chemical analyses. Narrative reports are also provided for each sampled district. Below is a general summary of ground-water quality for sampling during 2006 based on EPA standards.

## **Summary of Water Quality for 2006**

There were no confirmed pesticide detections in the 385 samples taken during the 2006 sampling season based on EPA standards.

### **Bacteria (Coliform & Ecoli)**

As found in previous years, bacteria are a major problem for private water systems. Twenty-nine percent (29%) of the wells and springs sampled this year tested positive for coliform bacteria, as compared to 59% in 1999, 36% in 2000, 29% in 2001, 27% in 2002, 31% in 2003, 33% in 2004, and 35% in 2005. Although most coliform bacteria do not pose a health problem, their presence in well water indicates that surface waters, soil, or other contamination is getting into the well. Bacteria problems are usually seen in older wells, wells with improper casing and caps, wells that are too shallow or systems that have been improperly maintained.

Of greater concern is the presence of E. coli in water samples. During 2006, 4% of the wells and springs sampled tested positive for E. coli as compared to 34% in 1999, 7% in 2000, 4% in 2001, 3.4% in 2002, 5.8% in 2003, 6.6% in 2004, and 7.8% in 2005. These wells have been contaminated with mammalian fecal material, the only source for this bacterium. The source could be effluent from septic systems near the well, poor well construction with livestock near the well head, or open wells in areas where animals and manure are present.

Specific elements that exceed irrigation, livestock, or drinking water standards are discussed in the district reports as described below.

More detailed descriptions of water quality for each sampled area are presented in this report. The report covers specific UACD zones and districts where sampling was conducted, and in some cases separate areas within districts are included where circumstances warrant separate treatment. Tables of chemical, bacterial, and physical characteristics of sampled water are also included. Each district report will include 4 tables, Primary Drinking Water Standards, Secondary Drinking Water Standards, Irrigation Standards, and Livestock Standards. The tables show standard values, detection limits, and measured results for each sample. If a standard is exceeded the result is underlined, in cases where there are ranges and a sample exceeds the most critical standard the result is highlighted. A map for each district is



presented that shows sampling site locations.

Sample site locations can be identified on the map using the "Id#" column from the related table. Values of "ND" indicate that this element or compound was not measured above the detection limit of the procedure used to test for the element or compound.

### **Pesticides**

The generic Pesticide Management Plan (PMP) for the State of Utah identifies five pesticides which have the potential to be a threat to the ground water supply. Each of these pesticides is broad-spectrum herbicides. The pesticides are: (1) Alachlor, (2) Atrazine, (3) Cyanazine, (4) Metolachlor, and (5) Simazine. In addition to these pesticides, the UDAF laboratory also screens for a broad range of other pesticides which are sold and used in the state which have the potential to contaminate ground water resources according to the following list.

#### **List of Pesticides**

Hexachlorocyclopentadiene	Alpha Chlordane	2,4,5-TP (Silvex)
Hexachlorobenzene	Dieldrin	Picloram
Simazine *	Endrin	Aldicarb
Atrazine *	Methoxychlor	Aldicarb sulfone
Gamma-Lindane	Chlordane "T"	Aldicarb sulfoxide
Heptachlor	Toxaphene "T"	Carbofuran
Alachlor *	Prometon	Methomyl
Aldrin	Dicamba	Oxamyl (Vydate)
Heptachlor-Epoxide	2,4-D	3-OH Carbofuran
Gamma Chlordane	PCP	3-Keto Carbofuran
Disulfoton	Diazinon	Metolachlor *

\* Pesticide identified for restriction under the proposed PMP rule.

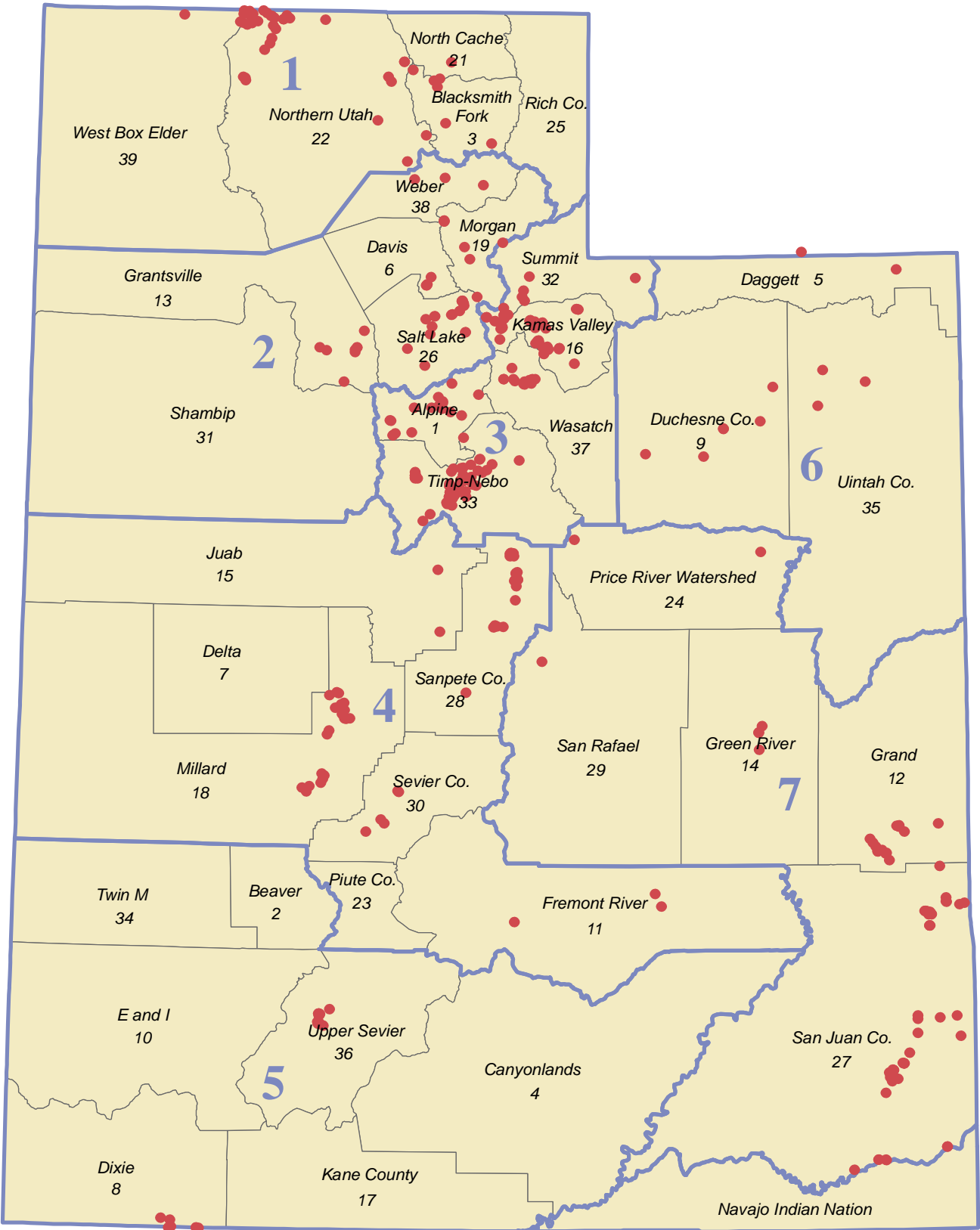
### **Laboratory Screening for Pesticides**

The UDAF laboratory performs a screening analysis of all water samples using four different EPA approved screening methods. The methods are as follows: (1) EPA Method 515.1 used for detecting chlorinated phenoxy acid, (2) EPA Method 505 for detection of chlorinated pesticides and organophosphates, (3) EPA Method 531.1 for detection of carbamates, and (4) an immunoassay method for pesticide residue screening used for detection of chlorinated phenoxy acid and carbamates. The immunoassay method indicates the presence or absence of pesticides in the ground water sample. In the event that a sample tests positive for the presence of pesticides using the screening procedure, a more extensive laboratory process utilizing Gas Chromatography(GC) or High Performance Liquid Chromatography(HPLC) is used to determine the actual contamination level of the suspected pesticide.

Water wells constructed of materials containing Poly-Vinyl Chloride (PVC)

can produce “false positives” using the immunoassay method for pesticide screening. Other environmental conditions can also combine to produce “hits” in the screening procedure which include: welding done on the well head, which can release compounds from the PVC well casing, dead animals in the wells during sampling, and large diameter shallow wells located in the middle of agricultural fields. When these conditions cause positive “hits” in the screening method, the samples are subjected to the more rigorous GC analysis for further quantification and evaluation.

Map 1. 2006 Ground Water Sample Locations



## UDAF PRE-SAMPLE INFORMATION FORM

---

(This is a non-regulatory program. Data from sampling this well will be for your use and information)

Name: \_\_\_\_\_ Water Right #: \_\_\_\_\_  
Address: \_\_\_\_\_ Depth of Well: \_\_\_\_\_  
City: \_\_\_\_\_ Depth of Water: \_\_\_\_\_  
Telephone #: \_\_\_\_\_ Conservation District: \_\_\_\_\_

May we turn on your water or pump without you being present? \_\_\_\_\_

Are there instructions we need to sample your well(s)? \_\_\_\_\_

---

By signing this form you are giving permission for the State of Utah Department of Agriculture and Food to cross your property and sample your well.

I the undersigned am the lawful agent of the above described well and grant permission to the State of Utah Department of Agriculture and Food to sample said well(s). I also grant access permission to the well.

\_\_\_\_\_  
Sign on the above line

\_\_\_\_\_  
Date

For any further information contact: Mark Quilter, Ground-Water Specialist  
UDAF, 350 North Redwood Road  
Box 146500, Salt Lake City, UT 84114-6500  
(801) 538-9905 Fax: (801) 538-9436

### FIG. 1. Pre-Sample Information Form.

Please sketch a map showing how to locate your well (North is the top of the page.) Please give street name, and distances from major intersections or any other landmarks.

## UACD Zone 1 (Box Elder, Cache, and Rich counties)

Forty-five (45) sites were sampled in four (4) of the five (5) Soil Conservation Districts in Zone 1 during the spring, summer, and fall of 2006. These include the number of samples in the following districts: six (6) Blacksmith Fork, two (2) North Cache, thirty-six (36) Northern Utah, and one (1) West Box Elder. No samples were collected in the Rich County District

The Statistical Report below shows a summary of the total number of chemical tests collected (Test Count) for each district in Zone 1. The next four columns summarize the number of tests which exceed the standards for either Primary Drinking Water (DW Primary), Secondary Drinking Water (DW Secondary), Irrigation, or Livestock.

### Ground Water UACD Zone No 1 Statistical Report For the Samples Collected Between: 4/1/2006 And 11/1/2006

District Name	Sample Count	Test Count	Test Count Which Result Exceeded Standards			
			DW Primary	DW Secondary	Irrigation	Livestock
Blacksmith Fork	6	240	1	14	13	0
North Cache	2	80	0	4	4	0
Northern Utah	36	1440	38	99	156	24
West Box Elder	1	40	0	2	2	0
<b>Zone Totals:</b>	<b>45</b>	<b>1800</b>	<b>39</b>	<b>119</b>	<b>175</b>	<b>24</b>

Detailed tables follow covering the above water quality categories - General, Irrigation, Livestock, and Culinary (which includes Primary Drinking Water Standards and Secondary Drinking Water Standards) for each district along with a map(s). For the Irrigation, Livestock, and Culinary tables the first row lists the explicit standard for each element or compound (column). The standards for irrigation and livestock originated from the [Water quality for agriculture 29 Revision 1](#), published by the Food and Agriculture Organization of the United Nations. The drinking water primary and secondary standards are from the State of Utah's water quality standards. Below the standards are the column headings expressed as the chemical abbreviation for each element or compound tested. Units used in measuring the concentrations of each element or compound are found below each abbreviation. Each row of the table is a single sample identified with a sample number. This sample number shows the sampling location on the map(s) found after the chemistry tables. Highlighted sample results show samples that exceed a standard for that element or compound. Totals at the bottom of each table show how many samples in each column exceeded the standard for that column. The value "ND" indicates that a particular element or compound was "Not Detected" for a given sample.



Irrigation Standards Continues			.2	.01	70;230	.2	5	10000	3,9	.02	151;451;13	.1	2
	Sample No	Tested Date	Mn mg/L	Mo mg/L	Na mg/L	Ni mg/L	Pb mg/L	PO4 mg/L	SAR meq/L	Se mg/L	TDS mg/L	V mg/L	Zn mg/L
1	6216	9/1/2006	0.0004	ND	6.8072	0.0008	ND	ND	0.2000	ND	242.0000	ND	0.1041
2	6254	9/18/2006	0.0004	0.0012	11.4662	ND	ND	ND	0.3000	ND	418.0000	0.0019	0.0049
3	6255	9/18/2006	0.0013	ND	5.5994	ND	ND	ND	0.2000	ND	274.0000	ND	0.0247
4	6257	9/18/2006	0.0209	0.0007	12.6517	0.0013	ND	ND	0.4000	ND	237.0000	ND	0.0844
5	6259	9/18/2006	0.0068	0.0111	34.0171	ND	ND	ND	0.8000	ND	441.0000	ND	0.0721
6	6391	10/27/2006	0.1179	ND	7.9183	ND	ND	ND	0.3000	ND	251.0000	ND	ND
Test Count that Exceeded Standard:			0	1	0	0	0	0	0	0	6	0	0
ND - Not Detected													

**Livestock:**

Livestock Standards			5 Al mg/L	0.2 As mg/L	5 B mg/L	.1 Be mg/L	0.05 Cd mg/L	1 Co mg/L	1 Cr mg/L	.5 Cu mg/L	2 F mg/L
	Sample No	Tested Date									
1	6216	9/1/2006	ND	ND	0.0167	ND	ND	ND	0.0058	0.0138	ND
2	6254	9/18/2006	ND	0.0019	0.0324	ND	ND	ND	ND	0.0217	ND
3	6255	9/18/2006	ND	ND	0.0149	ND	ND	ND	ND	0.0258	ND
4	6257	9/18/2006	ND	ND	0.0204	ND	ND	ND	ND	0.0685	ND
5	6259	9/18/2006	ND	0.0135	0.0951	ND	ND	ND	ND	0.0191	ND
6	6391	10/27/2006	ND	ND	0.0130	ND	ND	ND	0.0013	0.0046	ND
Test Count that Exceeded Standard			0	0	0	0	0	0	0	0	0
ND - Not Detected											

Livestock Standards Continues			10 Hg ug/L	100 NO3 mg/L	.1 Pb mg/L	5.5-8.3 pH -	.05 Se mg/L	167;333 SO4 mg/L	1000;3000; TDS mg/L	25 Zn mg/L
	Sample No	Tested Date								
1	6216	9/1/2006	ND	ND	ND	8.1400	ND	5.7384	242.0000	0.1041
2	6254	9/18/2006	ND	0.8533	ND	7.5600	ND	33.2026	418.0000	0.0049
3	6255	9/18/2006	ND	0.8022	ND	7.7900	ND	36.2437	274.0000	0.0247
4	6257	9/18/2006	ND	0.4634	ND	7.9200	ND	10.6080	237.0000	0.0844
5	6259	9/18/2006	ND	0.9040	ND	7.7000	ND	56.4448	441.0000	0.0721
6	6391	10/27/2006	ND	1.8676	ND	7.5800	ND	15.8112	251.0000	ND
Test Count that Exceeded Standard			0	0	0	0	0	0	0	0
ND - Not Detected										

## Culinary:

Drinking Water Primary Standards			0.01	2	0.004	1	0.005	25	0.1	1.3	4	2	10000	1000	10	.015	.05	500	2000
	Sample No	Tested Date	As mg/L	Ba mg/L	Be mg/L	Br mg/L	Cd mg/L	ClO4 ug/L	Cr mg/L	Cu mg/L	F mg/L	Hg ug/L	Na mg/L	Ni mg/L	NO3 mg/L	Pb mg/L	Se mg/l	SO4 mg/L	TDS mg/L
1	6216	9/1/2006	ND	0.0627	ND	ND	ND	ND	0.0058	0.0138	ND	ND	6.8072	0.0008	ND	ND	ND	5.7384	242.0000
2	6254	9/18/2006	0.0019	0.2853	ND	ND	ND	ND	ND	0.0217	ND	ND	11.4662	ND	0.8533	ND	ND	33.2026	418.0000
3	6255	9/18/2006	ND	0.0397	ND	ND	ND	ND	ND	0.0258	ND	ND	5.5994	ND	0.8022	ND	ND	36.2437	274.0000
4	6257	9/18/2006	ND	0.0670	ND	ND	ND	ND	ND	0.0685	ND	ND	12.6517	0.0013	0.4634	ND	ND	10.6080	237.0000
5	6259	9/18/2006	0.0135	0.1520	ND	ND	ND	ND	ND	0.0191	ND	ND	34.0171	ND	0.9040	ND	ND	56.4448	441.0000
6	6391	10/27/2006	ND	0.0438	ND	ND	ND	ND	0.0013	0.0046	ND	ND	7.9183	ND	1.8676	ND	ND	15.8112	251.0000
Test Count that Exceeded Standard			1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ND - Not Detected

Drinking Water Secondary Standards:			0.1	0.5	250	1	2	0.3	60;120;180	.05	6.5-8.5	1000	250	200	5
	Sample No	Tested Date	Ag mg/L	Al mg/L	Cl mg/L	Cu mg/L	F mg/L	Fe mg/L	Hardnes s	Mn mg/L	pH -	Si mg/L	SO4 mg/L	TDS mg/L	Zn mg/L
1	6216	9/1/2006	ND	ND	7.8921	0.0138	ND	0.0149	232.5000	0.0004	8.1400	4.9315	5.7384	242.0000	0.1041
2	6254	9/18/2006	ND	ND	28.4229	0.0217	ND	ND	369.4000	0.0004	7.5600	22.6153	33.2026	418.0000	0.0049
3	6255	9/18/2006	ND	ND	7.1582	0.0258	ND	ND	262.3000	0.0013	7.7900	3.6173	36.2437	274.0000	0.0247
4	6257	9/18/2006	ND	ND	10.6673	0.0685	ND	0.0153	210.4000	0.0209	7.9200	5.9216	10.6080	237.0000	0.0844
5	6259	9/18/2006	ND	ND	46.8420	0.0191	ND	ND	345.9000	0.0068	7.7000	25.6826	56.4448	441.0000	0.0721
6	6391	10/27/2006	ND	ND	43.4945	0.0046	ND	1.7986	167.1000	0.1179	7.5800	8.6248	15.8112	251.0000	ND
Test Count that Exceeded Standard:			0	0	0	0	0	1	6	1	0	0	0	6	0

ND - Not Detected



# North Cache District

## General:

### General Sample Information

	Sample No	Collected Date	Coliform	Ecoli	Temperature	EC	TDS mg/L	SAR meq/L/mg/L	Hardness	Sample Site	Site Condition	Well Head	Material	Casing Condition	Cullinary	Irrigation	Industrial	Landscape	Natural	Drainage	Other
1	6256	9/13/2006	ND	ND	54.1 F (12.3 C)	526	268.0	0.200	265.0	Flowing Well	Vegetated	Soil	Steel	Open	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	6258	9/13/2006	ND	ND	60.8 F (16.0 C)	462	249.0	0.600	192.8	Well	Vegetated	Natural	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bacteria Positive Sample Count			0	0	ND - Not Detected																

## Irrigation:

### Irrigation Standards

Irrigation Standards			5	0.5;1.0;2.0;	.1	100000	71;355	1	1000	1	0.2	1	5	73.2;152.5	10000	2.5	100000
	Sample No	Tested Date	Al mg/L	B mg/L	Be mg/L	Ca mg/L	Cl mg/L	Co mg/L	CO3 mg/L	Cr mg/L	Cu mg/L	F mg/L	Fe mg/L	HCO3 mg/L	K mg/L	Li mg/L	Mg mg/L
1	6256	9/18/2006	ND	0.0174	ND	62.7689	9.1708	ND	ND	0.0009	0.0231	ND	0.0101	293.8420	1.1848	0.0072	26.2407
2	6258	9/18/2006	ND	0.0684	ND	43.6930	8.8423	ND	ND	ND	0.0195	ND	ND	264.2720	7.2185	0.0372	20.2939
Test Count that Exceeded Standard			0	0	0	0	0	0	0	0	0	0	0	2	0	0	0

ND - Not Detected

### Irrigation Standards Continues

Sample No	Tested Date	.2 Mn mg/L	.01 Mo mg/L	70;230 Na mg/L	.2 Ni mg/L	5 Pb mg/L	10000 PO4 mg/L	3;9 SAR meq/L	.02 Se mg/L	151;451;13 TDS mg/L	.1 V mg/L	2 Zn mg/L
1	6256	9/18/2006	ND	ND	9.2064	ND	ND	0.2000	ND	268.0000	ND	0.0030
2	6258	9/18/2006	0.0194	0.0021	17.6439	ND	ND	0.6000	ND	249.0000	ND	0.1811
Test Count that Exceeded Standard:		0	0	0	0	0	0	0	0	2	0	0

ND - Not Detected

**Culinary:**

ND - Not Detected

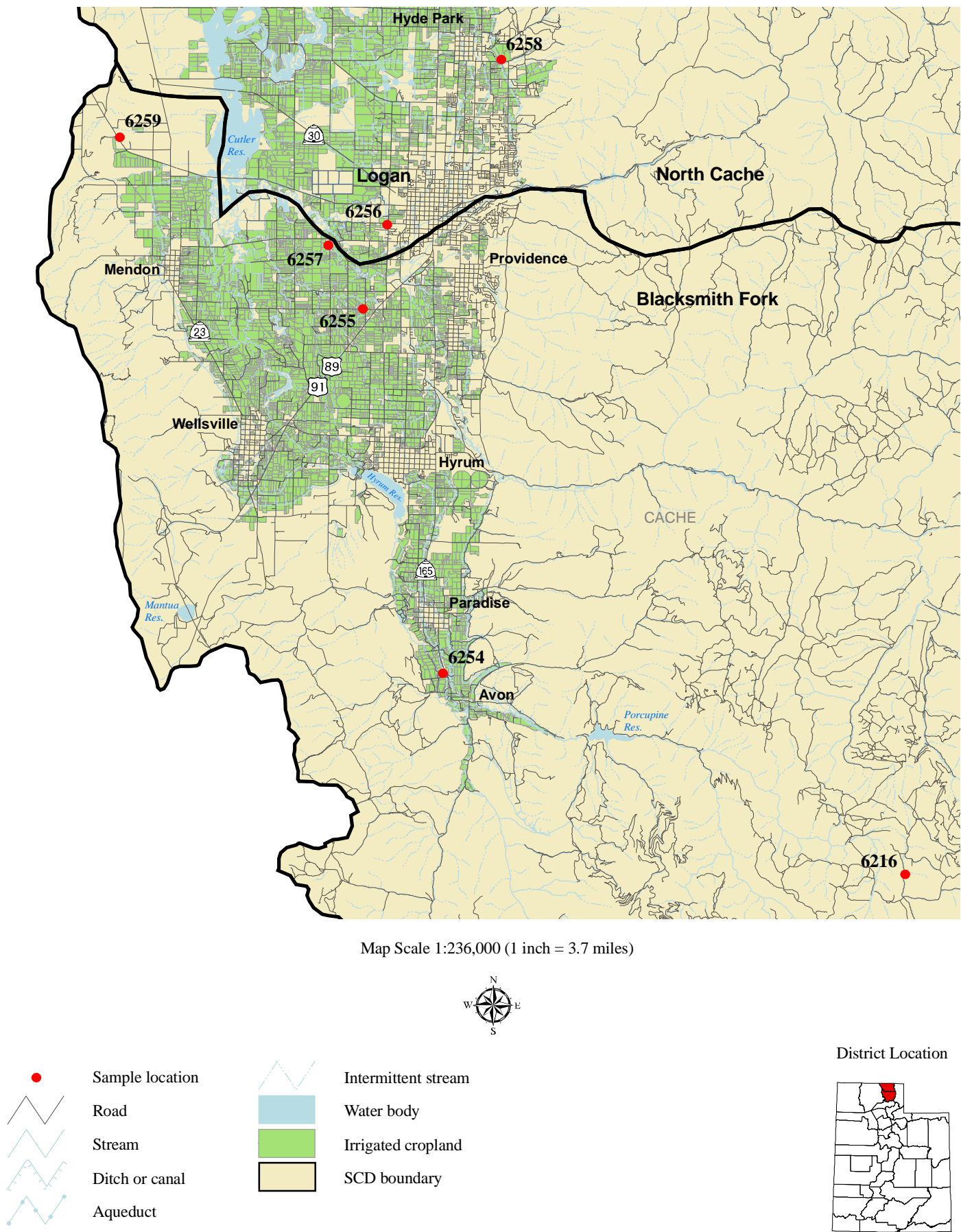
ND - Not Detected

ND - Not Detected

ND - Not Detected



Map 2. Blacksmith Fork and North Cache Districts



# Northern Utah District

## General:

### General Sample Information

	Sample No	Collected Date	Coliform	Ecoli	Temperature	EC	TDS mg/L	SAR meq/L	Hardness mg/L	Sample Site	Site Condition	Well Head	Material	Casing Condition	Cullinary	Irrigation	Natural
1	6155	8/9/2006	ND	ND	54.9 F (12.7 C)	3980	1897.	4.900	740.1	Well	Gravel	Concrete Pad	Steel	Sealed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	6156	8/9/2006	POS	ND	68.7 F (20.4 C)	1988	1085.	4.000	502.1	Well	Gravel	Concrete Pad	Steel	Sealed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	6157	8/9/2006	ND	ND	70.3 F (21.3 C)	1729	912.0	3.300	466.3	Well	Gravel	Concrete Pad	Steel	Sealed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	6158	8/9/2006	ND	ND	69.6 F (20.9 C)	1525	795.0	3.800	351.7	Well	Gravel	Concrete Pad	Steel	Sealed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5	6159	8/9/2006	ND	ND	73.8 F (23.2 C)	3830	1542.	11.30	304.4	Well	Gravel	Concrete Pad	Steel	Sealed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	6160	8/9/2006	ND	ND	57.2 F (14.0 C)	3310	1371.	4.900	600.7	Well	Gravel	Concrete Pad	Steel	Sealed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	6161	8/9/2006	ND	ND	66.7 F (19.3 C)	3120	1297.	1.900	859.4	Well	Vegetated	Concrete Pad	Steel	Sealed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
8	6162	8/9/2006	ND	ND	64.4 F (18.0 C)	1218	641.0	0.900	445.6	Well	Vegetated	Concrete Pad	Steel	Sealed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9	6163	8/9/2006	ND	ND	64.8 F (18.2 C)	1043	558.0	0.900	374.0	Well	Gravel	Concrete Pad	Steel	Sealed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10	6164	8/9/2006	POS	ND	68.2 F (20.1 C)	562	333.0	0.800	198.2	Well	Vegetated	Concrete Pad	Steel	Sealed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
11	6165	8/9/2006	ND	ND	62.1 F (16.7 C)	501	290.0	0.600	188.1	Well	Gravel	Concrete Pad	Steel	Sealed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12	6166	8/9/2006	ND	ND	63.1 F (17.3 C)	599	340.0	0.900	213.8	Well	Vegetated	Concrete Pad	Steel	Sealed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
13	6167	8/9/2006	ND	ND	64.4 F (18.0 C)	3190	1406.	3.600	688.8	Well	Gravel	Concrete Pad	Steel	Sealed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
14	6168	8/9/2006	ND	ND	65.1 F (18.4 C)	4200	1732.	5.000	742.3	Well	Vegetated	Concrete Pad	Steel	Sealed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
15	6169	8/9/2006	POS	ND	61.5 F (16.4 C)	2770	1116.	1.700	731.5	Well	Vegetated	Concrete Pad	Steel	Sealed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
16	6170	8/9/2006	POS	ND	66.9 F (19.4 C)	3380	1397.	4.200	655.6	Well	Gravel	Concrete Pad	Steel	Sealed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
17	6171	8/9/2006	ND	ND	74.7 F (23.7 C)	1292	685.0	2.400	327.3	Well	Vegetated	Concrete Pad	Steel	Sealed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
18	6194	8/22/2006	ND	ND	65.1 F (18.4 C)	876	424.0	1.000	307.5	Well	Clean	Well House	Steel	Open	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
19	6195	8/22/2006	POS	ND	71.1 F (21.7 C)	1224	660.0	2.700	318.7	Well	Vegetated	Natural	Steel	Open	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20	6196	8/22/2006	ND	ND	53.4 F (11.9 C)	1685	900.0	4.800	343.1	Well	Vegetated	Pit Concrete	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
21	6197	8/22/2006	ND	ND	64.8 F (18.2 C)	3220	1358.	4.000	667.9	Well	Clean	Concrete Pad	Steel	Sealed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
22	6198	8/22/2006	POS	POS	72.0 F (22.2 C)	1086	624.0	3.000	285.9	Stream	Surface Water	Natural	Earth	Open	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
23	6199	8/22/2006	POS	ND	60.4 F (15.8 C)	3010	1264.	4.800	537.9	Well	Clean	Concrete Pad	Steel	Open	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
24	6200	8/22/2006	POS	ND	68.9 F (20.5 C)	1578	728.0	2.600	487.7	Well	Clay Soil	Soil	Steel	Open	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
25	6201	8/22/2006	POS	ND	68.4 F (20.2 C)	1117	1494	69.70	1107.	Well	Livestock	Soil	Steel	Sealed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
26	6202	8/22/2006	POS	ND	67.5 F (19.7 C)	9760	7356.	34.30	1066.	Well	Clay Soil	Soil	Steel	Subsidence	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
27	6203	8/22/2006	ND	ND	58.5 F (14.7 C)	7100	6243.	36.00	708.3	Well	Cobble	Natural	Steel	Open	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
28	6204	8/22/2006	POS	POS	69.1 F (20.6 C)	2980	1954.	12.80	461.5	Spring	Surface Water	Natural	Earth	Open	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
29	6205	8/22/2006	POS	POS	69.4 F (20.8 C)	3490	2438.	15.40	530.0	Spring	Surface Water	Natural	Earth	Open	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
30	6206	8/22/2006	POS	ND	74.1 F (23.4 C)	4760	2117.	16.80	358.7	Spring	Surface Water	Natural	Earth	Open	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
31	6207	8/22/2006	POS	POS	76.6 F (24.8 C)	2790	1318.	9.700	293.7	Drain	Surface Water	Natural	Earth	Open	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
32	6260	9/13/2006	ND	ND	58.3 F (14.6 C)	483	255.0	0.500	199.1	Well	Clay Soil	Pit Concrete	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
33	6261	9/13/2006	POS	ND	66.9 F (19.4 C)	523	280.0	0.900	186.1	Well	Clay Soil	Inside Shed	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
34	6263	9/13/2006	ND	ND	59.5 F (15.3 C)	1207	735.0	1.200	542.7	Well	Vegetated	Covered	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
35	6264	9/13/2006	POS	ND	55.9 F (13.3 C)	1579	943.0	1.600	659.8	Well	Vegetated	Lawn	PVC	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
36	6390	10/25/2006	ND	ND	52.7 F (11.5 C)	183	185.0	0.500	67.10	Artesian	Vegetated	Soil	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Bacteria Positive Sample Count      16      4      ND - Not Detected



**Irrigation:**

Irrigation Standards			5	0.5;1.0;2.0;	.1	100000	71;355	1	1000	1	0.2	1	5	73.2;152.5	10000	2.5	100000
	Sample No	Tested Date	Al mg/L	B mg/L	Be mg/L	Ca mg/L	Cl mg/L	Co mg/L	CO3 mg/L	Cr mg/L	Cu mg/L	F mg/L	Fe mg/L	HCO3 mg/L	K mg/L	Li mg/L	Mg mg/L
1	6155	8/15/2006	ND	0.1460	ND	156.7501	666.4630	ND	ND	0.0021	0.0150	ND	ND	735.7800	19.2577	0.0943	84.5279
2	6156	8/11/2006	ND	0.0902	ND	115.2327	481.0253	0.0075	ND	0.0014	0.0148	ND	ND	249.8630	8.3914	0.0614	51.9391
3	6157	8/11/2006	ND	0.0656	ND	105.5944	415.6965	0.0062	ND	0.0015	0.0143	ND	ND	237.1120	6.0855	0.0426	49.1017
4	6158	8/11/2006	ND	0.0509	ND	78.4777	346.8025	0.0013	ND	0.0012	0.0091	ND	ND	234.8220	4.8606	0.0431	37.7505
5	6159	8/15/2006	ND	0.0891	ND	72.4114	801.5787	ND	ND	0.0011	0.0149	ND	ND	257.1890	8.8135	0.1256	29.9371
6	6160	8/11/2006	ND	0.0995	ND	145.6906	601.8478	ND	ND	0.0022	0.0154	ND	ND	308.2860	16.1892	0.0949	57.3910
7	6161	8/11/2006	ND	0.0552	ND	244.3532	686.1909	ND	ND	0.0018	0.0158	ND	ND	174.9320	18.8462	0.0397	60.3306
8	6162	8/11/2006	ND	0.0448	ND	129.2205	284.5749	ND	ND	0.0018	0.0152	ND	ND	182.3740	11.6124	0.0207	29.7463
9	6163	8/11/2006	ND	0.0461	ND	108.6388	223.4019	ND	ND	0.0022	0.0144	ND	ND	187.4900	12.5634	0.0200	24.8661
10	6164	8/11/2006	ND	0.0369	ND	57.2231	76.4829	0.0026	ND	0.0018	0.0177	ND	ND	192.5180	11.2769	0.0147	13.3777
11	6165	8/11/2006	ND	0.0339	ND	55.4721	54.9678	ND	ND	0.0016	0.0102	ND	ND	194.6800	7.8723	0.0108	11.9927
12	6166	8/11/2006	ND	0.0379	ND	59.9791	73.9198	ND	ND	0.0016	0.0140	ND	ND	211.1190	6.6866	0.0134	15.4867
13	6167	8/15/2006	ND	0.0773	ND	189.1760	718.9326	ND	ND	0.0018	0.0177	ND	ND	207.1050	17.9142	0.0553	52.3947
14	6168	8/15/2006	ND	0.1137	ND	197.6851	890.1020	0.0005	ND	0.0019	0.0213	ND	ND	242.1300	22.7108	0.0895	60.2139
15	6169	8/11/2006	ND	0.0894	ND	204.0362	561.8584	ND	ND	0.0013	0.0129	ND	ND	194.9010	14.8535	0.0407	53.7384
16	6170	8/15/2006	ND	0.1661	ND	159.7896	744.1414	0.0069	ND	0.0009	0.0196	ND	ND	223.2160	18.5334	0.1417	62.1653
17	6171	8/11/2006	ND	0.0926	ND	80.8967	294.6515	ND	ND	0.0015	0.0105	ND	ND	190.9880	22.9984	0.0476	30.3636
18	6194	8/28/2006	ND	0.0819	ND	96.6556	118.7690	ND	ND	0.0018	0.0136	ND	ND	193.6000	10.4857	0.0225	15.9786
19	6195	8/28/2006	ND	0.1537	ND	58.4210	232.8534	ND	ND	0.0012	0.0067	ND	0.0712	281.4230	25.6382	0.1099	41.9125
20	6196	8/28/2006	ND	0.1210	ND	80.8608	368.2239	ND	ND	0.0018	0.0104	ND	ND	311.7680	9.2696	0.0651	34.2055
21	6197	8/28/2006	ND	0.1099	ND	163.0416	629.3088	0.0059	ND	0.0017	0.0098	ND	ND	264.8730	16.7838	0.0985	63.1856
22	6198	8/28/2006	ND	0.1221	ND	62.0475	195.1328	ND	12.6670	0.0008	0.0098	ND	ND	283.7430	8.4622	0.0508	31.7526
23	6199	8/28/2006	ND	0.1346	ND	121.6944	484.0629	ND	ND	0.0012	0.0102	ND	ND	307.8410	14.6825	0.0935	56.7143
24	6200	8/28/2006	ND	0.1109	ND	79.4640	228.6204	ND	ND	0.0008	0.0080	ND	ND	271.8090	11.2459	0.0996	70.1473
25	6201	8/28/2006	ND	3.3060	ND	265.0497	8472.5060	0.0009	ND	0.0013	0.0107	ND	0.1290	327.2950	216.1211	4.3760	107.9258
26	6202	8/28/2006	ND	1.0270	ND	232.6219	4059.5790	ND	ND	0.0007	0.0081	ND	0.0184	234.3630	100.1827	1.4850	117.7803
27	6203	8/28/2006	ND	0.5902	ND	129.9022	3663.6630	ND	11.1734	ND	0.0101	ND	ND	42.7341	84.0249	1.1560	93.1038
28	6204	8/28/2006	ND	0.2642	ND	100.7692	973.1616	ND	ND	0.0011	0.0049	ND	ND	213.1280	31.8423	0.3094	50.8624
29	6205	8/28/2006	ND	0.2406	ND	106.2004	1215.9830	ND	ND	0.0010	0.0095	ND	ND	224.1920	29.9327	0.2752	64.2095
30	6206	8/28/2006	ND	0.3448	ND	73.4294	1042.4110	ND	8.8784	0.0006	0.0082	ND	ND	189.8400	41.5106	0.4552	42.5053
31	6207	8/28/2006	ND	1.1600	ND	38.3941	350.6326	ND	52.1166	0.0029	0.0211	ND	ND	606.6690	31.3072	0.3342	47.9925
32	6260	9/18/2006	ND	0.0499	ND	70.6361	17.7705	ND	ND	ND	0.0300	ND	ND	201.8170	2.6608	0.0134	5.4674
33	6261	9/18/2006	ND	0.0499	ND	44.4677	31.2255	ND	ND	ND	0.0130	0.9339	ND	209.0630	4.6210	0.0860	18.1970
34	6263	9/18/2006	ND	0.2034	ND	127.5768	102.5879	ND	ND	ND	0.1076	ND	ND	547.6680	10.7448	0.0766	54.3175
35	6264	9/18/2006	ND	0.5715	ND	81.6621	147.4074	ND	ND	0.0006	0.0424	ND	ND	638.0120	33.3920	0.1823	110.5939
36	6390	10/27/2006	ND	0.0225	ND	20.2601	30.9689	ND	ND	0.0006	0.0056	ND	ND	143.8800	0.5232	0.0031	3.9835



Irrigation Standards Continues			.2	.01	70,230	.2	5	10000	3:9	.02	151;451;13	.1	2
	Sample No	Tested Date	Mn mg/L	Mo mg/L	Na mg/L	Ni mg/L	Pb mg/L	PO4 mg/L	SAR meq/L	Se mg/L	TDS mg/L	V mg/L	Zn mg/L
1	6155	8/15/2006	0.0028	0.0027	305.1794	0.0008	ND	ND	4.9000	0.0066	1897.0000	0.0056	0.0173
2	6156	8/11/2006	0.0005	0.0006	208.0637	0.0008	ND	ND	4.0000	0.0061	1085.0000	ND	0.0078
3	6157	8/11/2006	0.0004	0.0005	165.7675	0.0008	ND	ND	3.3000	ND	912.0000	ND	0.0113
4	6158	8/11/2006	0.0004	0.0005	165.4404	ND	ND	ND	3.8000	ND	795.0000	0.0021	0.0062
5	6159	8/15/2006	0.0004	0.0008	452.3231	ND	ND	ND	11.3000	ND	1542.0000	0.0023	0.0154
6	6160	8/11/2006	0.0003	0.0008	274.1245	0.0008	ND	ND	4.9000	0.0042	1371.0000	0.0043	0.0058
7	6161	8/11/2006	0.0005	0.0029	128.6040	0.0011	ND	ND	1.9000	0.0040	1297.0000	0.0040	0.0097
8	6162	8/11/2006	0.0005	0.0007	45.8706	0.0007	ND	ND	0.9000	ND	641.0000	0.0036	0.0057
9	6163	8/11/2006	0.0004	0.0008	40.8545	ND	ND	ND	0.9000	ND	558.0000	0.0037	0.0075
10	6164	8/11/2006	0.0003	0.0010	25.3966	ND	ND	ND	0.8000	ND	333.0000	0.0037	0.0057
11	6165	8/11/2006	0.0005	0.0007	17.8805	ND	ND	ND	0.6000	ND	290.0000	0.0031	0.0056
12	6166	8/11/2006	0.0003	0.0011	29.7204	ND	ND	ND	0.9000	ND	340.0000	0.0039	0.0069
13	6167	8/15/2006	0.0003	0.0007	216.3637	0.0008	ND	ND	3.6000	ND	1406.0000	0.0049	0.0126
14	6168	8/15/2006	0.0007	0.0010	315.7701	0.0010	ND	ND	5.0000	ND	1732.0000	0.0059	0.0086
15	6169	8/11/2006	0.0004	0.0005	104.9681	0.0009	ND	ND	1.7000	ND	1116.0000	0.0037	0.0077
16	6170	8/15/2006	0.0003	0.0010	245.4232	0.0007	ND	ND	4.2000	ND	1397.0000	0.0029	0.0083
17	6171	8/11/2006	0.0003	0.0024	101.6283	ND	ND	ND	2.4000	ND	685.0000	0.0039	0.0052
18	6194	8/28/2006	0.0027	0.0006	40.7885	0.0007	ND	ND	1.0000	ND	424.0000	0.0029	0.1345
19	6195	8/28/2006	0.0243	ND	111.4536	0.0010	ND	ND	2.7000	ND	660.0000	ND	ND
20	6196	8/28/2006	0.0010	0.0021	205.4127	ND	ND	ND	4.8000	ND	900.0000	0.0034	0.1375
21	6197	8/28/2006	ND	0.0007	237.1255	0.0007	ND	ND	4.0000	0.0117	1358.0000	0.0036	ND
22	6198	8/28/2006	0.0034	0.0024	116.4094	0.0008	ND	ND	3.0000	ND	624.0000	0.0058	ND
23	6199	8/28/2006	ND	0.0016	255.1117	ND	ND	ND	4.8000	0.0044	1264.0000	0.0038	0.0315
24	6200	8/28/2006	0.0015	ND	130.9821	ND	ND	ND	2.6000	ND	728.0000	0.0062	0.1063
25	6201	8/28/2006	0.1726	0.0116	5332.0460	0.0049	ND	ND	69.7000	ND	14946.0000	ND	0.0332
26	6202	8/28/2006	0.0170	0.0031	2575.1930	0.0013	ND	ND	34.3000	ND	7356.0000	0.0023	0.1373
27	6203	8/28/2006	0.0254	0.0005	2204.4730	0.0008	ND	ND	36.0000	ND	6243.0000	ND	0.0835
28	6204	8/28/2006	0.0064	0.0019	630.4479	ND	ND	ND	12.8000	ND	1954.0000	0.0062	ND
29	6205	8/28/2006	0.0114	0.0012	813.6185	ND	ND	ND	15.4000	ND	2438.0000	0.0057	ND
30	6206	8/28/2006	0.0013	0.0022	730.1797	ND	ND	ND	16.8000	ND	2117.0000	0.0058	ND
31	6207	8/28/2006	0.0024	0.0085	381.2092	0.0014	ND	ND	9.7000	ND	1318.0000	0.0594	ND
32	6260	9/18/2006	0.0004	0.0014	17.5280	ND	ND	ND	0.5000	ND	255.0000	0.0023	0.0159
33	6261	9/18/2006	0.0011	0.0085	27.2923	ND	ND	ND	0.9000	ND	280.0000	ND	0.0149
34	6263	9/18/2006	0.0025	0.0017	62.1220	0.0011	ND	ND	1.2000	ND	735.0000	0.0031	0.0097
35	6264	9/18/2006	ND	0.0077	93.4118	0.0010	ND	ND	1.6000	ND	943.0000	0.0196	0.0366
36	6390	10/27/2006	ND	ND	9.2655	ND	ND	ND	0.5000	ND	185.0000	ND	ND



**Livestock:**

Livestock Standards			5	0.2	5	.1	0.05	1	1	.5	2	10	100	.1	5.5-8.3	.05	167,333	1000,3000;	25
			Al	As	B	Be	Cd	Co	Cr	Cu	F	Hg	NO3	Pb	pH	Se	SO4	TDS	Zn
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	-	mg/L	mg/L	mg/L	mg/L
1	6155	8/15/2006	ND	0.0090	0.1460	ND	ND	ND	0.0021	0.0150	ND	ND	1.1598	ND	7.4800	0.0066	277.3479	1897.0000	0.0173
2	6156	8/11/2006	ND	0.0039	0.0902	ND	ND	0.0075	0.0014	0.0148	ND	ND	1.3847	ND	7.6400	0.0061	86.7941	1085.0000	0.0078
3	6157	8/11/2006	ND	0.0022	0.0656	ND	ND	0.0062	0.0015	0.0143	ND	ND	1.2552	ND	7.6400	ND	42.2501	912.0000	0.0113
4	6158	8/11/2006	ND	0.0022	0.0509	ND	ND	0.0013	0.0012	0.0091	ND	ND	0.5778	ND	7.6700	ND	35.7694	795.0000	0.0062
5	6159	8/15/2006	ND	0.0036	0.0891	ND	ND	ND	0.0011	0.0149	ND	ND	0.3883	ND	7.7700	ND	40.9597	1542.0000	0.0154
6	6160	8/11/2006	ND	0.0029	0.0995	ND	ND	ND	0.0022	0.0154	ND	ND	1.2383	ND	7.4700	0.0042	102.6431	1371.0000	0.0058
7	6161	8/11/2006	ND	0.0023	0.0552	ND	ND	ND	0.0018	0.0158	ND	ND	5.4139	ND	7.3500	0.0040	39.2741	1297.0000	0.0097
8	6162	8/11/2006	ND	0.0020	0.0448	ND	ND	ND	0.0018	0.0152	ND	ND	1.7267	ND	7.7200	ND	22.4977	641.0000	0.0057
9	6163	8/11/2006	ND	0.0024	0.0461	ND	ND	ND	0.0022	0.0144	ND	ND	1.0268	ND	7.5900	ND	24.9756	558.0000	0.0075
10	6164	8/11/2006	ND	0.0027	0.0369	ND	ND	0.0026	0.0018	0.0177	ND	ND	0.8719	ND	7.8300	ND	20.7319	333.0000	0.0057
11	6165	8/11/2006	ND	0.0024	0.0339	ND	ND	ND	0.0016	0.0102	ND	ND	0.7111	ND	7.7300	ND	16.8059	290.0000	0.0056
12	6166	8/11/2006	ND	0.0042	0.0379	ND	ND	ND	0.0016	0.0140	ND	ND	0.3802	ND	7.6700	ND	22.7848	340.0000	0.0069
13	6167	8/15/2006	ND	0.0027	0.0773	ND	ND	ND	0.0018	0.0177	ND	ND	3.4568	ND	7.4800	ND	79.3974	1406.0000	0.0126
14	6168	8/15/2006	ND	0.0030	0.1137	ND	ND	0.0005	0.0019	0.0213	ND	ND	2.3350	ND	7.5100	ND	97.7138	1732.0000	0.0086
15	6169	8/11/2006	ND	0.0026	0.0894	ND	ND	ND	0.0013	0.0129	ND	ND	0.7818	ND	7.6600	ND	54.9790	1116.0000	0.0077
16	6170	8/15/2006	ND	0.0029	0.1661	ND	ND	0.0069	0.0009	0.0196	ND	ND	0.2703	ND	7.7300	ND	33.4428	1397.0000	0.0083
17	6171	8/11/2006	ND	0.0047	0.0926	ND	ND	ND	0.0015	0.0105	ND	ND	0.3835	ND	7.8200	ND	24.9056	685.0000	0.0052
18	6194	8/28/2006	ND	0.0022	0.0819	ND	ND	ND	0.0018	0.0136	ND	ND	1.2876	ND	8.0000	ND	14.2945	424.0000	0.1345
19	6195	8/28/2006	ND	ND	0.1537	ND	ND	ND	0.0012	0.0067	ND	ND	0.6221	ND	8.0800	ND	14.6243	660.0000	ND
20	6196	8/28/2006	ND	0.0034	0.1210	ND	ND	ND	0.0018	0.0104	ND	ND	0.7555	ND	7.8200	ND	31.6225	900.0000	0.1375
21	6197	8/28/2006	ND	0.0055	0.1099	ND	ND	0.0059	0.0017	0.0098	ND	ND	2.8657	ND	7.8000	0.0117	95.5288	1358.0000	ND
22	6198	8/28/2006	ND	0.0058	0.1221	ND	ND	ND	0.0008	0.0098	ND	ND	0.7848	ND	8.4300	ND	49.5267	624.0000	ND
23	6199	8/28/2006	ND	0.0036	0.1346	ND	ND	ND	0.0012	0.0102	ND	ND	1.1357	ND	7.8900	0.0044	162.0581	1264.0000	0.0315
24	6200	8/28/2006	ND	0.0024	0.1109	ND	ND	ND	0.0008	0.0080	ND	ND	0.5538	ND	8.0100	ND	54.1603	728.0000	0.1063
25	6201	8/28/2006	ND	0.0447	3.3060	ND	ND	0.0009	0.0013	0.0107	ND	ND	0.4740	ND	7.7300	ND	384.3199	14946.0000	0.0332
26	6202	8/28/2006	ND	ND	1.0270	ND	ND	ND	0.0007	0.0081	ND	ND	0.6814	ND	7.8800	ND	140.5215	7356.0000	0.1373
27	6203	8/28/2006	ND	ND	0.5902	ND	ND	ND	ND	0.0101	ND	ND	0.2851	ND	8.6100	ND	36.0108	6243.0000	0.0835
28	6204	8/28/2006	ND	0.0038	0.2642	ND	ND	ND	0.0011	0.0049	ND	ND	0.3999	ND	8.1400	ND	48.1692	1954.0000	ND
29	6205	8/28/2006	ND	0.0031	0.2406	ND	ND	ND	0.0010	0.0095	ND	ND	0.4734	ND	8.2200	ND	83.5486	2438.0000	ND
30	6206	8/28/2006	ND	0.0061	0.3448	ND	ND	ND	0.0006	0.0082	ND	ND	0.3873	ND	8.4100	ND	70.7870	2117.0000	ND
31	6207	8/28/2006	ND	0.1319	1.1600	ND	ND	ND	0.0029	0.0211	ND	ND	9.7209	ND	8.5800	ND	92.1399	1318.0000	ND
32	6260	9/18/2006	ND	0.0023	0.0499	ND	ND	ND	ND	0.0300	ND	ND	4.4077	ND	7.7800	ND	20.2774	255.0000	0.0159
33	6261	9/18/2006	ND	0.0318	0.0499	ND	ND	ND	ND	0.0130	0.9339	ND	0.4601	ND	8.0800	ND	27.5476	280.0000	0.0149
34	6263	9/18/2006	ND	0.0043	0.2034	ND	ND	ND	ND	0.1076	ND	ND	5.4055	ND	7.5600	ND	82.5874	735.0000	0.0097
35	6264	9/18/2006	ND	0.0326	0.5715	ND	ND	ND	0.0006	0.0424	ND	ND	15.2966	ND	7.8600	ND	128.5677	943.0000	0.0366
36	6390	10/27/2006	ND	ND	0.0225	ND	ND	ND	0.0006	0.0056	ND	ND	5.2136	ND	6.7400	ND	38.9300	185.0000	ND



**Culinary:**

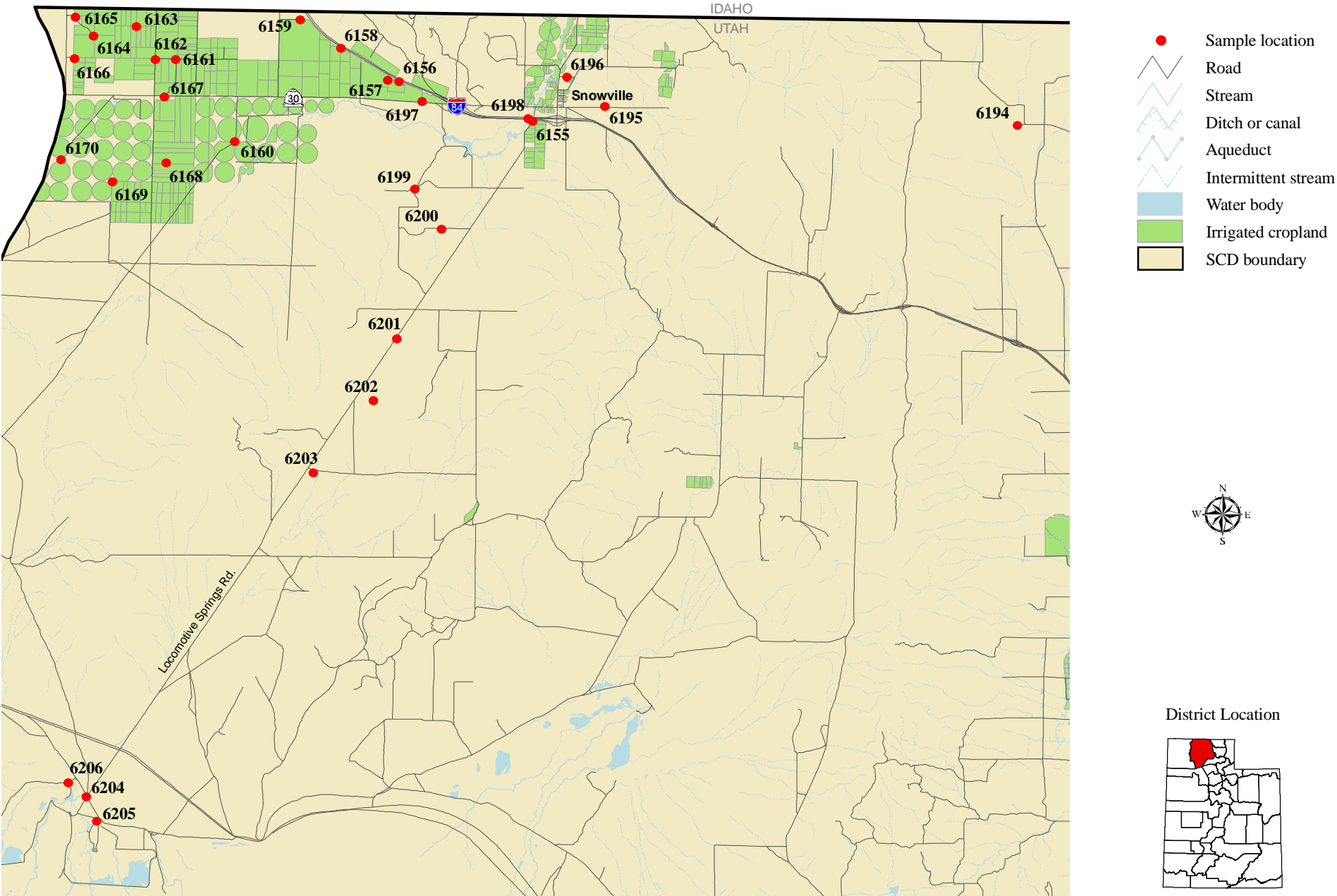
Drinking Water Primary Standards			0.01 As mg/L	2 Ba mg/L	0.004 Be mg/L	1 Br mg/L	0.005 Cd mg/L	25 ClO4 ug/L	0.1 Cr mg/L	1.3 Cu mg/L	4 F mg/L	2 Hg ug/L	10000 Na mg/L	1000 Ni mg/L	10 NO3 mg/L	.015 Pb mg/L	.05 Se mg/L	500 SO4 mg/L	2000 TDS mg/L
	Sample No	Tested Date																	
1	6155	8/15/2006	0.0090	0.0534	ND	1.6970	ND	ND	0.0021	0.0150	ND	ND	305.1794	0.0008	1.1598	ND	0.0066	277.3479	1897.0000
2	6156	8/11/2006	0.0039	0.1422	ND	1.4565	ND	ND	0.0014	0.0148	ND	ND	208.0637	0.0008	1.3847	ND	0.0061	86.7941	1085.0000
3	6157	8/11/2006	0.0022	0.1814	ND	ND	ND	ND	0.0015	0.0143	ND	ND	165.7675	0.0008	1.2552	ND	ND	42.2501	912.0000
4	6158	8/11/2006	0.0022	0.1105	ND	1.1032	ND	ND	0.0012	0.0091	ND	ND	165.4404	ND	0.5778	ND	ND	35.7694	795.0000
5	6159	8/15/2006	0.0036	0.0894	ND	2.0201	ND	ND	0.0011	0.0149	ND	ND	452.3231	ND	0.3883	ND	ND	40.9597	1542.0000
6	6160	8/11/2006	0.0029	0.0612	ND	2.3944	ND	ND	0.0022	0.0154	ND	ND	274.1245	0.0008	1.2383	ND	0.0042	102.6431	1371.0000
7	6161	8/11/2006	0.0023	0.2986	ND	1.5878	ND	ND	0.0018	0.0158	ND	ND	128.6040	0.0011	5.4139	ND	0.0040	39.2741	1297.0000
8	6162	8/11/2006	0.0020	0.2332	ND	1.2310	ND	ND	0.0018	0.0152	ND	ND	45.8706	0.0007	1.7267	ND	ND	22.4977	641.0000
9	6163	8/11/2006	0.0024	0.2283	ND	1.2759	ND	ND	0.0022	0.0144	ND	ND	40.8545	ND	1.0268	ND	ND	24.9756	558.0000
10	6164	8/11/2006	0.0027	0.1377	ND	1.3566	ND	ND	0.0018	0.0177	ND	ND	25.3966	ND	0.8719	ND	ND	20.7319	333.0000
11	6165	8/11/2006	0.0024	0.1261	ND	ND	ND	ND	0.0016	0.0102	ND	ND	17.8805	ND	0.7111	ND	ND	16.8059	290.0000
12	6166	8/11/2006	0.0042	0.0998	ND	ND	ND	ND	0.0016	0.0140	ND	ND	29.7204	ND	0.3802	ND	ND	22.7848	340.0000
13	6167	8/15/2006	0.0027	0.1382	ND	1.8000	ND	ND	0.0018	0.0177	ND	ND	216.3637	0.0008	3.4568	ND	ND	79.3974	1406.0000
14	6168	8/15/2006	0.0030	0.1629	ND	2.3833	ND	ND	0.0019	0.0213	ND	ND	315.7701	0.0010	2.3350	ND	ND	97.7138	1732.0000
15	6169	8/11/2006	0.0026	0.2817	ND	1.7825	ND	ND	0.0013	0.0129	ND	ND	104.9681	0.0009	0.7818	ND	ND	54.9790	1116.0000
16	6170	8/15/2006	0.0029	0.3040	ND	1.8549	ND	ND	0.0009	0.0196	ND	ND	245.4232	0.0007	0.2703	ND	ND	33.4428	1397.0000
17	6171	8/11/2006	0.0047	0.1615	ND	1.4088	ND	ND	0.0015	0.0105	ND	ND	101.6283	ND	0.3835	ND	ND	24.9056	685.0000
18	6194	8/28/2006	0.0022	0.2377	ND	1.9412	ND	ND	0.0018	0.0136	ND	ND	40.7885	0.0007	1.2876	ND	ND	14.2945	424.0000
19	6195	8/28/2006	ND	0.1829	ND	1.9485	ND	ND	0.0012	0.0067	ND	ND	111.4536	0.0010	0.6221	ND	ND	14.6243	660.0000
20	6196	8/28/2006	0.0034	0.1064	ND	2.0350	ND	ND	0.0018	0.0104	ND	ND	205.4127	ND	0.7555	ND	ND	31.6225	900.0000
21	6197	8/28/2006	0.0055	0.1345	ND	2.8751	ND	ND	0.0017	0.0098	ND	ND	237.1255	0.0007	2.8657	ND	0.0117	95.5288	1358.0000
22	6198	8/28/2006	0.0058	0.0783	ND	2.5247	ND	ND	0.0008	0.0098	ND	ND	116.4094	0.0008	0.7848	ND	ND	49.5267	624.0000
23	6199	8/28/2006	0.0036	0.0612	ND	3.2277	ND	ND	0.0012	0.0102	ND	ND	255.1117	ND	1.1357	ND	0.0044	162.0581	1264.0000
24	6200	8/28/2006	0.0024	0.0749	ND	1.4963	ND	ND	0.0008	0.0080	ND	ND	130.9821	ND	0.5538	ND	ND	54.1603	728.0000
25	6201	8/28/2006	0.0447	0.0642	ND	6.6696	ND	ND	0.0013	0.0107	ND	ND	5332.0460	0.0049	0.4740	ND	ND	384.3199	14946.0000
26	6202	8/28/2006	ND	0.0940	ND	5.1794	ND	ND	0.0007	0.0081	ND	ND	2575.1930	0.0013	0.6814	ND	ND	140.5215	7356.0000
27	6203	8/28/2006	ND	0.1505	ND	3.5032	ND	ND	ND	0.0101	ND	ND	2204.4730	0.0008	0.2851	ND	ND	36.0108	6243.0000
28	6204	8/28/2006	0.0038	0.0841	ND	2.9088	ND	ND	0.0011	0.0049	ND	ND	630.4479	ND	0.3999	ND	ND	48.1692	1954.0000
29	6205	8/28/2006	0.0031	0.0726	ND	3.1877	ND	ND	0.0010	0.0095	ND	ND	813.6185	ND	0.4734	ND	ND	83.5486	2438.0000
30	6206	8/28/2006	0.0061	0.0601	ND	2.9196	ND	ND	0.0006	0.0082	ND	ND	730.1797	ND	0.3873	ND	ND	70.7870	2117.0000
31	6207	8/28/2006	0.1319	0.0674	ND	4.6392	ND	ND	0.0029	0.0211	ND	ND	381.2092	0.0014	9.7209	ND	ND	92.1399	1318.0000
32	6260	9/18/2006	0.0023	0.0288	ND	ND	ND	ND	ND	0.0300	ND	ND	17.5280	ND	4.4077	ND	ND	20.2774	255.0000
33	6261	9/18/2006	0.0318	0.0193	ND	ND	ND	ND	ND	0.0130	0.9339	ND	27.2923	ND	0.4601	ND	ND	27.5476	280.0000
34	6263	9/18/2006	0.0043	0.1014	ND	ND	ND	ND	ND	0.1076	ND	ND	62.1220	0.0011	5.4055	ND	ND	82.5874	735.0000
35	6264	9/18/2006	0.0326	0.1349	ND	ND	ND	ND	0.0006	0.0424	ND	ND	93.4118	0.0010	15.2966	ND	ND	128.5677	943.0000
36	6390	10/27/2006	ND	0.0283	ND	ND	ND	ND	0.0006	0.0056	ND	ND	9.2655	ND	5.2136	ND	ND	38.9300	185.0000



Drinking Water Secondary Standards:			0.1	0.5	250	1	2	0.3	60;120;180	.05	6.5-8.5	1000	250	200	5
	Sample No	Tested Date	Ag mg/L	Al mg/L	Cl mg/L	Cu mg/L	F mg/L	Fe mg/L	Hardnes s	Mn mg/L	pH -	Si mg/L	SO4 mg/L	TDS mg/L	Zn mg/L
1	6155	8/15/2006	ND	ND	666.4630	0.0150	ND	ND	740.1000	0.0028	7.4800	22.1591	277.3479	1897.0000	0.0173
2	6156	8/11/2006	ND	ND	481.0253	0.0148	ND	ND	502.1000	0.0005	7.6400	9.0631	86.7941	1085.0000	0.0078
3	6157	8/11/2006	ND	ND	415.6965	0.0143	ND	ND	466.3000	0.0004	7.6400	9.5405	42.2501	912.0000	0.0113
4	6158	8/11/2006	ND	ND	346.8025	0.0091	ND	ND	351.7000	0.0004	7.6700	9.1718	35.7694	795.0000	0.0062
5	6159	8/15/2006	ND	ND	801.5787	0.0149	ND	ND	304.4000	0.0004	7.7700	8.8162	40.9597	1542.0000	0.0154
6	6160	8/11/2006	ND	ND	601.8478	0.0154	ND	ND	600.7000	0.0003	7.4700	19.4154	102.6431	1371.0000	0.0058
7	6161	8/11/2006	ND	ND	686.1909	0.0158	ND	ND	859.4000	0.0005	7.3500	28.1533	39.2741	1297.0000	0.0097
8	6162	8/11/2006	ND	ND	284.5749	0.0152	ND	ND	445.6000	0.0005	7.7200	25.7357	22.4977	641.0000	0.0057
9	6163	8/11/2006	ND	ND	223.4019	0.0144	ND	ND	374.0000	0.0004	7.5900	29.3037	24.9756	558.0000	0.0075
10	6164	8/11/2006	ND	ND	76.4829	0.0177	ND	ND	198.2000	0.0003	7.8300	32.6501	20.7319	333.0000	0.0057
11	6165	8/11/2006	ND	ND	54.9678	0.0102	ND	ND	188.1000	0.0005	7.7300	28.1334	16.8059	290.0000	0.0056
12	6166	8/11/2006	ND	ND	73.9198	0.0140	ND	ND	213.8000	0.0003	7.6700	27.4086	22.7848	340.0000	0.0069
13	6167	8/15/2006	ND	ND	718.9326	0.0177	ND	ND	688.8000	0.0003	7.4800	25.9301	79.3974	1406.0000	0.0126
14	6168	8/15/2006	ND	ND	890.1020	0.0213	ND	ND	742.3000	0.0007	7.5100	25.8643	97.7138	1732.0000	0.0086
15	6169	8/11/2006	ND	ND	561.8584	0.0129	ND	ND	731.5000	0.0004	7.6600	24.7883	54.9790	1116.0000	0.0077
16	6170	8/15/2006	ND	ND	744.1414	0.0196	ND	ND	655.6000	0.0003	7.7300	23.7125	33.4428	1397.0000	0.0083
17	6171	8/11/2006	ND	ND	294.6515	0.0105	ND	ND	327.3000	0.0003	7.8200	34.7685	24.9056	685.0000	0.0052
18	6194	8/28/2006	ND	ND	118.7690	0.0136	ND	ND	307.5000	0.0027	8.0000	30.3462	14.2945	424.0000	0.1345
19	6195	8/28/2006	ND	ND	232.8534	0.0067	ND	0.0712	318.7000	0.0243	8.0800	35.9890	14.6243	660.0000	ND
20	6196	8/28/2006	ND	ND	368.2239	0.0104	ND	ND	343.1000	0.0010	7.8200	15.8161	31.6225	900.0000	0.1375
21	6197	8/28/2006	ND	ND	629.3088	0.0098	ND	ND	667.9000	ND	7.8000	19.1968	95.5288	1358.0000	ND
22	6198	8/28/2006	ND	ND	195.1328	0.0098	ND	ND	285.9000	0.0034	8.4300	7.5616	49.5267	624.0000	ND
23	6199	8/28/2006	ND	ND	484.0629	0.0102	ND	ND	537.9000	ND	7.8900	16.4041	162.0581	1264.0000	0.0315
24	6200	8/28/2006	ND	ND	228.6204	0.0080	ND	ND	487.7000	0.0015	8.0100	18.8572	54.1603	728.0000	0.1063
25	6201	8/28/2006	ND	ND	8472.5060	0.0107	ND	0.1290	1107.3000	0.1726	7.7300	6.4336	384.3199	14946.000	0.0332
26	6202	8/28/2006	ND	ND	4059.5790	0.0081	ND	0.0184	1066.8000	0.0170	7.8800	13.4865	140.5215	7356.0000	0.1373
27	6203	8/28/2006	ND	ND	3663.6630	0.0101	ND	ND	708.3000	0.0254	8.6100	ND	36.0108	6243.0000	0.0835
28	6204	8/28/2006	ND	ND	973.1616	0.0049	ND	ND	461.5000	0.0064	8.1400	13.6355	48.1692	1954.0000	ND
29	6205	8/28/2006	ND	ND	1215.9830	0.0095	ND	ND	530.0000	0.0114	8.2200	13.6501	83.5486	2438.0000	ND
30	6206	8/28/2006	ND	ND	1042.4110	0.0082	ND	ND	358.7000	0.0013	8.4100	12.9494	70.7870	2117.0000	ND
31	6207	8/28/2006	ND	ND	350.6326	0.0211	ND	ND	293.7000	0.0024	8.5800	14.8487	92.1399	1318.0000	ND
32	6260	9/18/2006	ND	ND	17.7705	0.0300	ND	ND	199.1000	0.0004	7.7800	16.9482	20.2774	255.0000	0.0159
33	6261	9/18/2006	ND	ND	31.2255	0.0130	0.9339	ND	186.1000	0.0011	8.0800	23.4594	27.5476	280.0000	0.0149
34	6263	9/18/2006	ND	ND	102.5879	0.1076	ND	ND	542.7000	0.0025	7.5600	18.6094	82.5874	735.0000	0.0097
35	6264	9/18/2006	ND	ND	147.4074	0.0424	ND	ND	659.8000	ND	7.8600	17.6220	128.5677	943.0000	0.0366
36	6390	10/27/2006	ND	ND	30.9689	0.0056	ND	ND	67.1000	ND	6.7400	4.8923	38.9300	185.0000	ND
Test Count that Exceeded Standard:			0	0	23	0	0	0	36	1	2	0	2	35	0

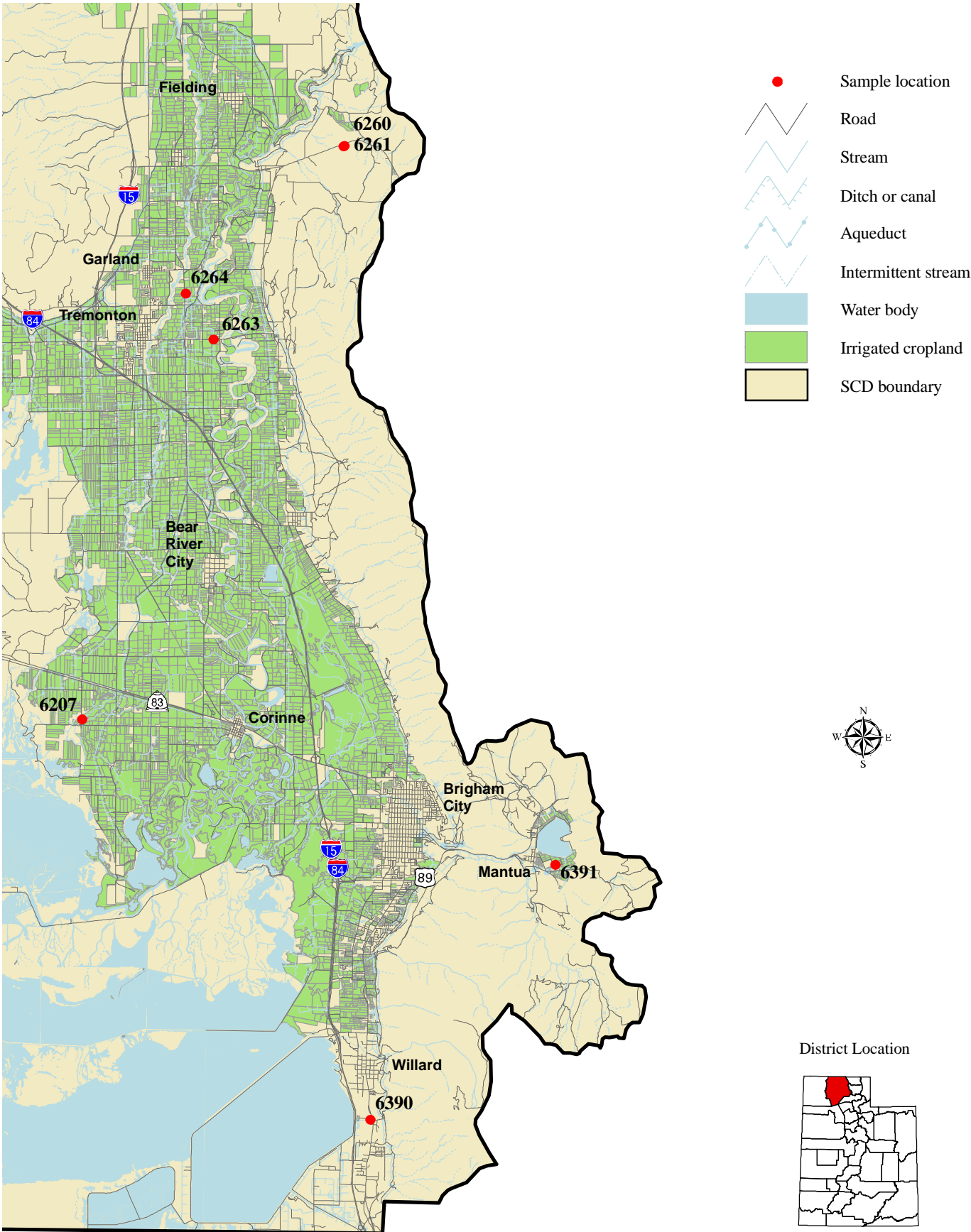
ND - Not Detected

Map 3. Northern Utah District - Snowville Area





Map 4. Northern Utah District - Tremonton Area



Map Scale 1:250,000 (1 inch = 3.9 miles)

West Box Elder

General:

General Sample Information

Sample No	Collected Date	Coliform	Ecoli	Temperature	EC	TDS mg/L	SAR meq/L	Hardness mg/L	Sample Site	Site Condition	Well Head	Material	Casing Condition	Cullinary	Irrigation	Industrial	Landscape	Natural	Drainage	Other
1	6262	9/13/2006	ND	ND	67.6 F (19.8 C)	529	284.0	1.200	179.6	Well	Vegetated	Lawn	Steel	Open	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bacteria Positive Sample Count		0	0	ND - Not Detected																

Irrigation:

Irrigation Standards

Sample No	Tested Date	Al mg/L	B mg/L	Be mg/L	Ca mg/L	Cl mg/L	Co mg/L	CO3 mg/L	Cr mg/L	Cu mg/L	F mg/L	Fe mg/L	HCO3 mg/L	K mg/L	Li mg/L	Mg mg/L
1	6262	9/18/2006	ND	0.0680	ND	48.5556	60.1820	ND	ND	0.0529	ND	0.0102	196.5020	2.7974	0.0058	14.1365
Test Count that Exceeded Standard		0	0	0	0	0	0	0	0	0	0	0	1	0	0	0

ND - Not Detected

Irrigation Standards Continues

Sample No	Tested Date	Mn mg/L	Mo mg/L	Na mg/L	Ni mg/L	Pb mg/L	PO4 mg/L	SAR meq/L	Se mg/L	TDS mg/L	V mg/L	Zn mg/L
1	6262	9/18/2006	0.0009	0.0010	36.9773	0.0021	0.0020	ND	1.2000	ND	284.0000	0.2024
Test Count that Exceeded Standard:		0	0	0	0	0	0	0	0	1	0	0

ND - Not Detected

Livestock:

Livestock Standards

Sample No	Tested Date	Al mg/L	As mg/L	B mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	F mg/L	Hg ug/L	NO3 mg/L	Pb mg/L	pH -	Se mg/L	SO4 mg/L	TDS mg/L	Zn mg/L
1	6262	9/18/2006	ND	ND	0.0680	ND	ND	ND	0.0529	ND	ND	0.2017	0.0020	7.2500	ND	16.6683	284.0000	0.2024
Test Count that Exceeded Standard		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ND - Not Detected

Culinary:

Drinking Water Primary Standards

Sample No	Tested Date	As mg/L	Ba mg/L	Be mg/L	Br mg/L	Cd mg/L	ClO4 ug/L	Cr mg/L	Cu mg/L	F mg/L	Hg ug/L	Na mg/L	Ni mg/L	NO3 mg/L	Pb mg/L	Se mg/L	SO4 mg/L	TDS mg/L
1	6262	9/18/2006	ND	0.0799	ND	ND	ND	ND	0.0529	ND	ND	36.9773	0.0021	0.2017	0.0020	ND	16.6683	284.0000
Test Count that Exceeded Standard		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

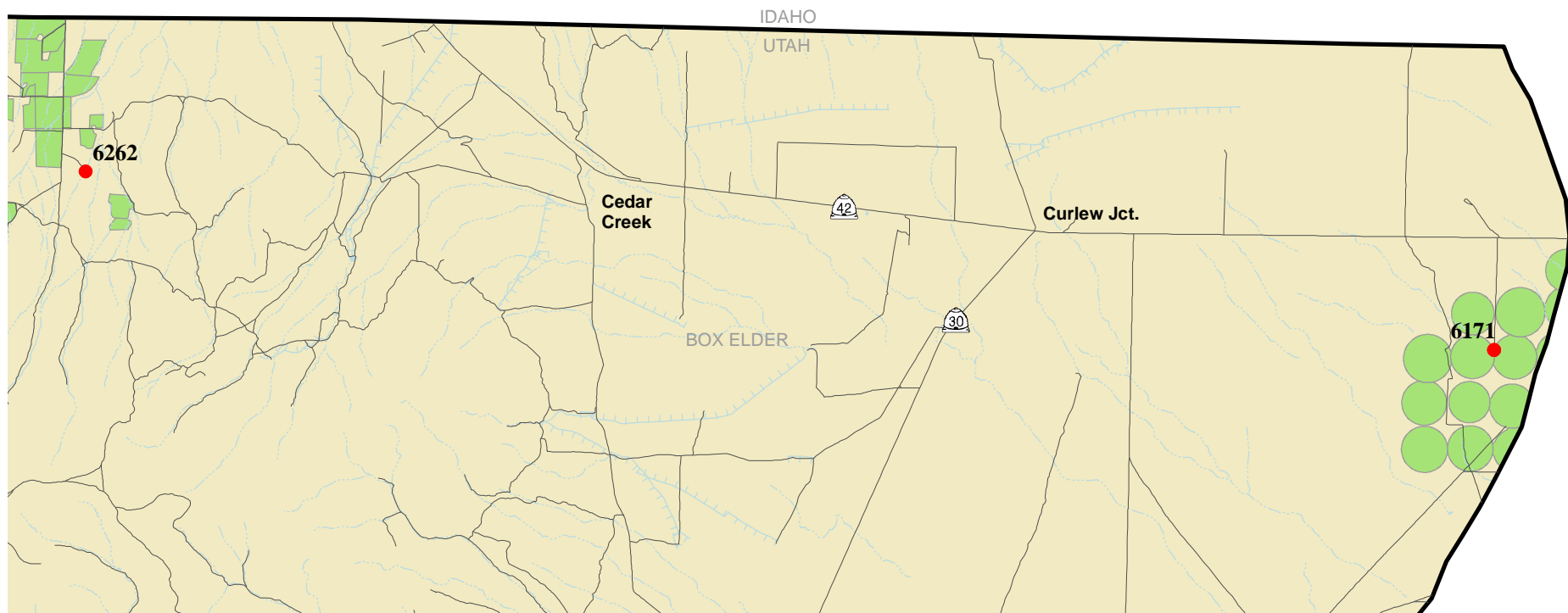
ND - Not Detected



Sample No		Tested Date	Ag mg/L	Al mg/L	Cl mg/L	Cu mg/L	F mg/L	Fe mg/L	Hardnes s	Mn mg/L	pH -	Si mg/L	SO4 mg/L	TDS mg/L	Zn mg/L
1	6262	9/18/2006	ND	ND	60.1820	0.0529	ND	0.0102	179.6000	0.0009	7.2500	7.3587	16.6683	284.0000	0.0204
Test Count that Exceeded Standard:			0	0	0	0	0	0	1	0	0	0	0	1	0










ND - Not Detected

Map 5. West Box Elder District

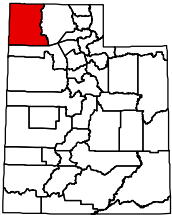


Map Scale 1:115,000 (1 inch = 1.8 miles)



- |   |                 |   |                     |
|---|-----------------|---|---------------------|
|  | Sample location |  | Intermittent stream |
|  | Road            |  | Water body          |
|  | Stream          |  | Irrigated cropland  |
|  | Ditch or canal  |  | SCD boundary        |
|  | Aqueduct        |   |                     |

District Location



## UACD Zone 2 (Davis, Morgan, Salt Lake, Tooele, and Weber counties)

Forty-one (41) sites were sampled in the five (5) Soil Conservation Districts in Zone 2 during the spring, summer, and fall of 2006. These include the number of samples in the following districts: four (4) Davis, eight (8) Grantsville, six (6) Morgan, twenty (20) Salt Lake, and three (3) Weber.

The Statistical Report below shows a summary of the total number of chemical tests collected (Test Count) for each district in Zone 2. The next four columns summarize the number of tests which exceed the standards for either Primary Drinking Water (DW Primary), Secondary Drinking Water (DW Secondary), Irrigation, or Livestock.

### Ground Water UACD Zone No 2 Statistical Report For the Samples Collected Between: 4/1/2006 And 11/1/2006

District Name	Sample Count	Test Count	Test Count Which Result Exceeded Standards			
			DW Primary	DW Secondary	Irrigation	Livestock
Davis	4	160	1	8	14	0
Grantsville	8	320	0	17	24	1
Morgan	6	240	0	11	12	1
Salt Lake	20	800	5	45	60	7
Weber	3	120	1	7	9	0
<b>Zone Totals:</b>	<b>41</b>	<b>1640</b>	<b>7</b>	<b>88</b>	<b>119</b>	<b>9</b>

Detailed tables follow covering the above water quality categories - General, Irrigation, Livestock, and Culinary (which includes Primary Drinking Water Standards and Secondary Drinking Water Standards) for each district along with a map(s). For the Irrigation, Livestock, and Culinary tables the first row lists the explicit standard for each element or compound (column). The standards for irrigation and livestock originated from the *Water quality for agriculture 29 Revision 1*, published by the Food and Agriculture Organization of the United Nations. The drinking water primary and secondary standards are from the State of Utah's water quality standards. Below the standards are the column headings expressed as the chemical abbreviation for each element or compound tested. Units used in measuring the concentrations of each element or compound are found below each abbreviation. Each row of the table is a single sample identified with a sample number. This sample number shows the sampling location on the map(s) found after the chemistry tables. Highlighted sample results show samples that exceed a standard for that element or compound. Totals at the bottom of each table show how many samples in each column exceeded the standard for that column. The value "ND" indicates that a particular element or compound was "Not Detected" for a given sample.

Davis County District

General:

General Sample Information

	Sample No	Collected Date	Coliform	Ecoli	Temperatura	EC	TDS mg/L	SAR meq/L	Hardness mg/L	Sample Site	Site Condition	Well Head	Material	Casing Condition	Cullinary	Irrigation	Industrial	Landscape	Natural	Drainage	Other
	1	6066	6/20/2006	ND	ND	59.7 F (15.4 C)	940	529.0	2.700	262.3	Flowing Well	Livestock	Well House	Steel	Open	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	2	6214	8/29/2006	ND	ND	59.0 F (15.0 C)	496	251.0	1.100	181.6	Flowing Well	Vegetated	Lawn	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	3	6246	9/12/2006	ND	ND	65.8 F (18.8 C)	861	423.0	5.400	114.7	Flowing Well	Vegetated	Natural	Steel	Open	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	4	6247	9/12/2006	ND	ND	64.8 F (18.2 C)	814	438.0	4.200	154.0	Flowing Well	Vegetated	Natural	Steel	Open	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Bacteria Positive Sample Count			0	0	ND - Not Detected																

Irrigation:

Irrigation Standards

Irrigation Standards			5	0.5;1.0;2.0;	.1	100000	71;355	1	1000	1	0.2	1	5	73.2;152.5	10000	2.5	100000
	Sample No	Tested Date	Al mg/L	B mg/L	Be mg/L	Ca mg/L	Cl mg/L	Co mg/L	CO3 mg/L	Cr mg/L	Cu mg/L	F mg/L	Fe mg/L	HCO3 mg/L	K mg/L	Li mg/L	Mg mg/L
1	6066	6/26/2006	ND	0.0729	ND	68.0171	69.0116	ND	ND	0.0042	0.0074	ND	0.0126	347.7130	2.2987	0.0183	22.4034
2	6214	9/1/2006	ND	0.0352	ND	47.3978	28.5524	ND	ND	ND	0.0108	ND	ND	179.6510	1.5774	0.0071	15.3143
3	6246	9/18/2006	ND	0.1109	ND	30.0106	69.2173	ND	ND	0.0013	0.0133	ND	ND	246.8900	2.0872	0.0130	9.6206
4	6247	9/18/2006	ND	0.0910	ND	40.6568	80.2726	ND	ND	0.0013	0.0153	ND	ND	242.3200	2.2603	0.0140	12.7124
Test Count that Exceeded Standard			0	0	0	0	1	0	0	0	0	0	0	4	0	0	0

ND - Not Detected

Livestock:

Livestock Standards

	Sample No	Tested Date	5 AI mg/L	0.2 As mg/L	5 B mg/L	.1 Be mg/L	0.05 Cd mg/L	1 Co mg/L	1 Cr mg/L	.5 Cu mg/L	2 F mg/L	10 Hg ug/L	100 NO3 mg/L	.1 Pb mg/L	5.5-8.3 pH -	.05 Se mg/L	167;333 SO4 mg/L	1000;3000; TDS mg/L	25 Zn mg/L
	1	6066	6/26/2006	ND	ND	0.0729	ND	ND	0.0042	0.0074	ND	ND	4.3709	ND	7.7200	ND	82.2812	529.0000	0.0372
	2	6214	9/1/2006	ND	ND	0.0352	ND	ND	ND	0.0108	ND	ND	ND	ND	8.1800	ND	28.5558	251.0000	0.0067
	3	6246	9/18/2006	ND	ND	0.1109	ND	ND	0.0013	0.0133	ND	ND	2.3022	ND	8.0100	ND	48.4088	423.0000	0.0025
	4	6247	9/18/2006	ND	ND	0.0910	ND	ND	0.0013	0.0153	ND	ND	2.6331	ND	7.9100	ND	54.6704	438.0000	0.0026
Test Count that Exceeded Standard			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ND - Not Detected

## Culinary:

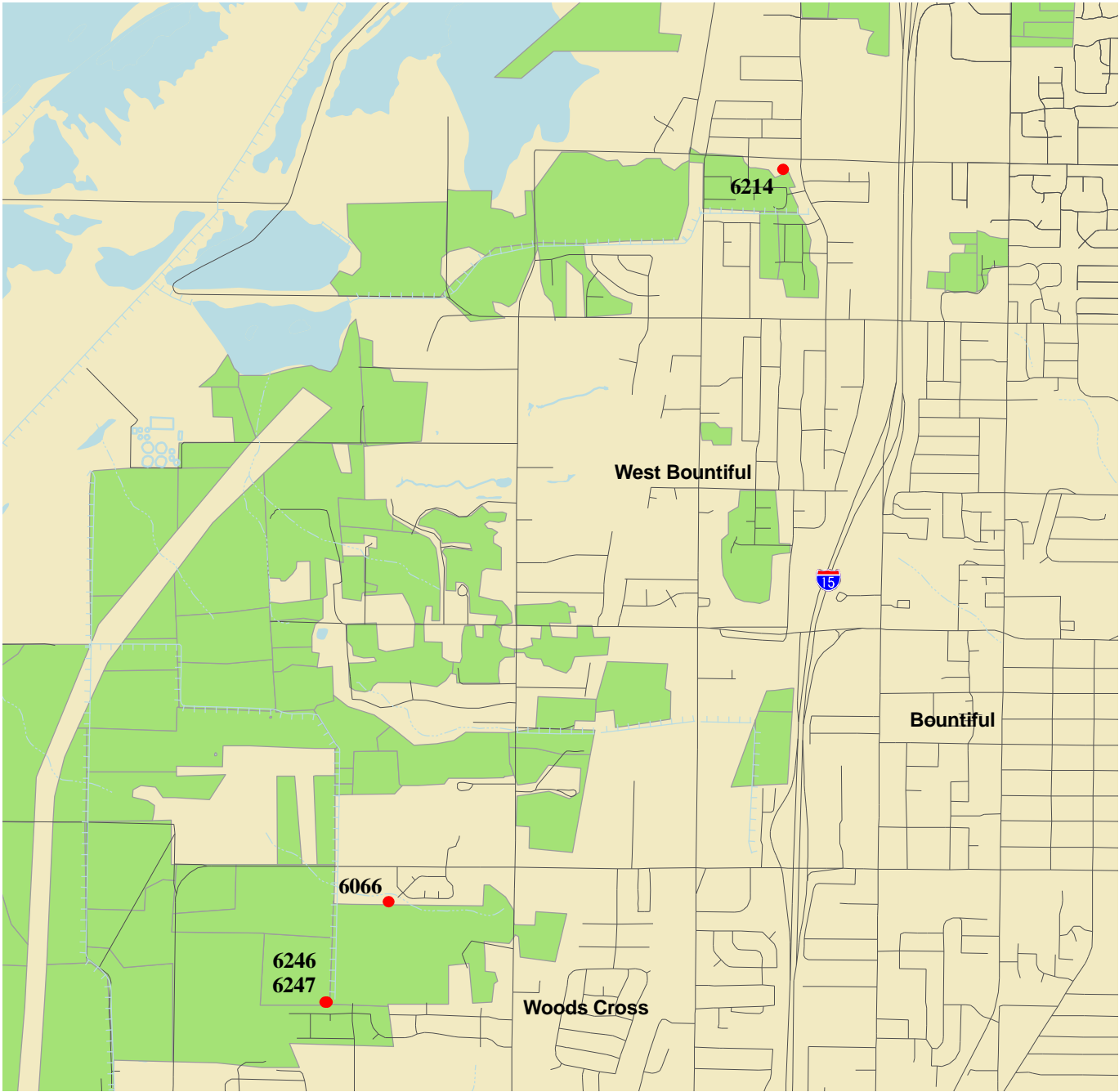
Drinking Water Primary Standards			0.01	2	0.004	1	0.005	25	0.1	1.3	4	2	10000	1000	10	.015	.05	500	2000
			As	Ba	Be	Br	Cd	ClO4	Cr	Cu	F	Hg	Na	Ni	NO3	Pb	Se	SO4	TDS
			mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Sample No	Tested Date																		
1	6066	6/26/2006	ND	0.0640	ND	1.4407	ND	ND	0.0042	0.0074	ND	ND	101.4214	ND	4.3709	ND	ND	82.2812	529.0000
2	6214	9/1/2006	ND	0.0263	ND	ND	ND	ND	ND	0.0108	ND	ND	32.8915	ND	ND	ND	ND	28.5558	251.0000
3	6246	9/18/2006	ND	0.0375	ND	ND	ND	ND	0.0013	0.0133	ND	ND	133.5048	ND	2.3022	ND	ND	48.4088	423.0000
4	6247	9/18/2006	ND	0.0496	ND	ND	ND	ND	0.0013	0.0153	ND	ND	119.0649	ND	2.6331	ND	ND	54.6704	438.0000
Test Count that Exceeded Standard			0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0

ND - Not Detected

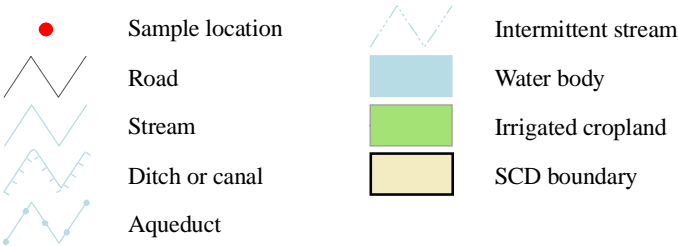
Drinking Water Secondary Standards:			0.1	0.5	250	1	2	0.3	60;120;180	.05	6.5-8.5	1000	250	200	5
			Ag	Al	Cl	Cu	F	Fe	Hardnes	Mn	pH	Si	SO4	TDS	Zn
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	s	mg/L	-	mg/L	mg/L	mg/L	mg/L
Sample No	Tested Date														
1	6066	6/26/2006	ND	ND	69.0116	0.0074	ND	0.0126	262.3000	0.0017	7.7200	7.4411	82.2812	529.0000	0.0372
2	6214	9/1/2006	ND	ND	28.5524	0.0108	ND	ND	181.6000	0.0016	8.1800	8.2099	28.5558	251.0000	0.0067
3	6246	9/18/2006	ND	ND	69.2173	0.0133	ND	ND	114.7000	ND	8.0100	6.1277	48.4088	423.0000	0.0025
4	6247	9/18/2006	ND	ND	80.2726	0.0153	ND	ND	154.0000	ND	7.9100	6.6182	54.6704	438.0000	0.0026
Test Count that Exceeded Standard:			0	0	0	0	0	0	4	0	0	0	0	4	0

ND - Not Detected

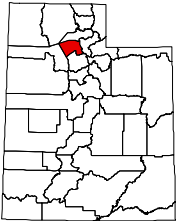
Map 6. Davis District



Map Scale 1:28,000 (1 inch = 0.44 miles)



District Location





Irrigation Standards			5	0.5;1.0;2.0;	.1	100000	71;355	1	1000	1	0.2	1	5	73.2;152.5	10000	2.5	100000
	Sample No	Tested Date	Al mg/L	B mg/L	Be mg/L	Ca mg/L	Cl mg/L	Co mg/L	CO3 mg/L	Cr mg/L	Cu mg/L	F mg/L	Fe mg/L	HCO3 mg/L	K mg/L	Li mg/L	Mg mg/L
1	6067	6/26/2006	ND	0.0373	ND	81.1459	57.0233	ND	ND	0.0027	0.0075	ND	ND	291.8190	1.9706	0.0131	36.5129
2	6068	6/26/2006	ND	0.0757	ND	69.9355	187.9072	ND	ND	0.0032	0.0098	ND	0.0183	265.0540	5.4001	0.0437	29.9472
3	6172	8/11/2006	ND	0.0443	ND	74.1437	94.7259	ND	ND	0.0013	0.0115	ND	ND	251.4360	1.6550	0.0148	24.2148
4	6173	8/11/2006	ND	0.0271	ND	26.5791	44.9776	ND	ND	0.0073	0.0089	ND	ND	228.4100	1.6100	0.0114	7.5222
5	6208	8/28/2006	ND	0.0565	ND	49.1767	55.0217	ND	ND	0.0032	0.0075	ND	ND	183.1790	3.0624	0.0260	18.7609
6	6248	9/18/2006	ND	0.0409	ND	83.8962	78.9041	ND	ND	0.0017	0.0187	ND	ND	242.0200	2.1770	0.0207	27.8291
7	6249	9/18/2006	ND	0.0345	ND	62.3434	66.5605	ND	ND	0.0022	0.0241	ND	ND	259.1310	2.3795	0.0190	28.8731
8	6250	9/18/2006	ND	0.2147	ND	180.5218	176.0445	ND	ND	ND	0.0188	ND	ND	268.7880	4.7302	0.2510	48.3509
Test Count that Exceeded Standard			0	0	0	0	4	0	0	0	0	0	0	8	0	0	0
ND - Not Detected																	



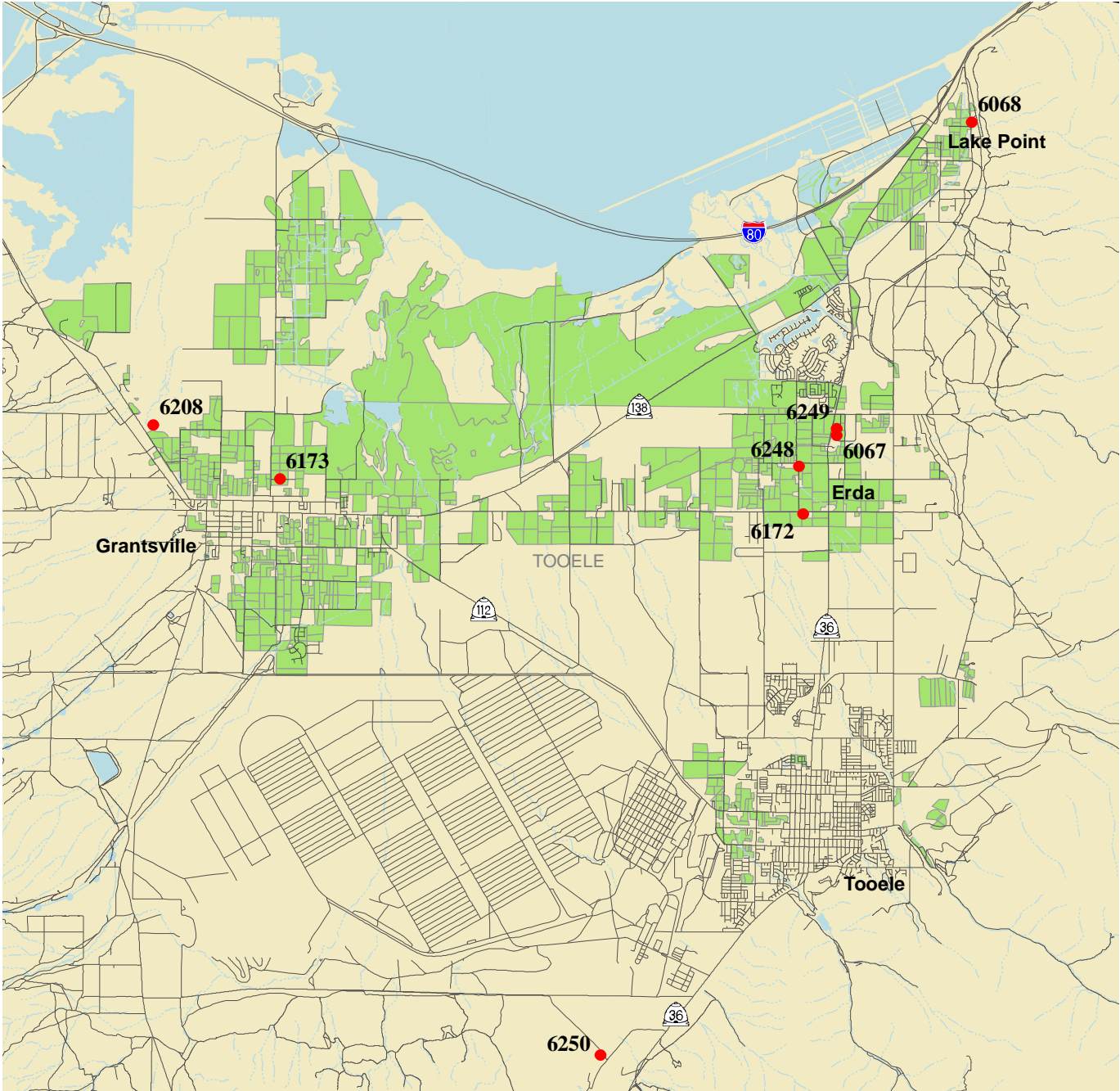


Culinary:

Drinking Water Primary Standards			0.01	2	0.004	1	0.005	25	0.1	1.3	4	2	10000	1000	10	.015	.05	500	2000
	Sample No	Tested Date	As mg/L	Ba mg/L	Be mg/L	Br mg/L	Cd mg/L	ClO4 ug/L	Cr mg/L	Cu mg/L	F mg/L	Hg ug/L	Na mg/L	Ni mg/L	NO3 mg/L	Pb mg/L	Se mg/L	SO4 mg/L	TDS mg/L
1	6067	6/26/2006	0.0020	0.0979	ND	ND	ND	ND	0.0027	0.0075	ND	ND	46.8259	ND	2.3010	ND	0.0119	94.8054	472.0000
2	6068	6/26/2006	0.0023	0.0781	ND	ND	ND	ND	0.0032	0.0098	ND	ND	108.4932	ND	1.2387	ND	ND	62.8473	603.0000
3	6172	8/11/2006	ND	0.1006	ND	ND	ND	ND	0.0013	0.0115	ND	ND	76.4259	ND	2.4081	ND	ND	114.6584	518.0000
4	6173	8/11/2006	0.0022	0.1107	ND	ND	ND	ND	0.0073	0.0089	ND	ND	62.7164	ND	0.4871	ND	ND	19.7995	286.0000
5	6208	8/28/2006	ND	0.1399	ND	ND	ND	ND	0.0032	0.0075	ND	ND	26.1008	ND	0.2840	ND	ND	5.5009	257.0000
6	6248	9/18/2006	ND	0.1042	ND	ND	ND	ND	0.0017	0.0187	ND	ND	75.7068	ND	2.2744	ND	ND	124.1370	520.0000
7	6249	9/18/2006	0.0024	0.1567	ND	ND	ND	ND	0.0022	0.0241	ND	ND	35.8265	ND	1.5867	ND	ND	29.4852	363.0000
8	6250	9/18/2006	0.0091	0.0274	ND	ND	ND	ND	ND	0.0188	ND	ND	80.4650	0.0013	0.4603	ND	ND	335.7106	975.0000
Test Count that Exceeded Standard			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ND - Not Detected																			

Drinking Water Secondary Standards:			0.1	0.5	250	1	2	0.3	60;120;180	.05	6.5-8.5	1000	250	200	5
	Sample No	Tested Date	Ag mg/L	Al mg/L	Cl mg/L	Cu mg/L	F mg/L	Fe mg/L	Hardnes s	Mn mg/L	pH -	Si mg/L	SO4 mg/L	TDS mg/L	Zn mg/L
1	6067	6/26/2006	ND	ND	57.0233	0.0075	ND	ND	353.3000	0.0017	7.6800	7.4130	94.8054	472.0000	0.0083
2	6068	6/26/2006	ND	ND	187.9072	0.0098	ND	0.0183	298.2000	0.0012	7.7700	6.3352	62.8473	603.0000	0.0190
3	6172	8/11/2006	ND	ND	94.7259	0.0115	ND	ND	285.1000	0.0024	7.7500	5.5696	114.6584	518.0000	0.0214
4	6173	8/11/2006	ND	ND	44.9776	0.0089	ND	ND	97.4000	0.0006	8.0300	9.6997	19.7995	286.0000	0.0163
5	6208	8/28/2006	ND	ND	55.0217	0.0075	ND	ND	200.2000	0.0025	7.7200	9.2428	5.5009	257.0000	0.0061
6	6248	9/18/2006	ND	ND	78.9041	0.0187	ND	ND	324.4000	0.0005	7.8100	6.1880	124.1370	520.0000	0.0029
7	6249	9/18/2006	ND	ND	66.5605	0.0241	ND	ND	274.8000	0.0006	7.7100	8.0886	29.4852	363.0000	0.0057
8	6250	9/18/2006	ND	ND	176.0445	0.0188	ND	ND	650.5000	0.0270	7.7200	15.8743	335.7106	975.0000	0.0557
Test Count that Exceeded Standard:			0	0	0	0	0	0	8	0	0	0	1	8	0
ND - Not Detected															

Map 7. Grantsville District



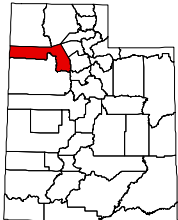
Map Scale 1:154,000 (1 inch = 2.4 miles)



- Sample location
- Road
- Stream
- Ditch or canal
- Aqueduct

- Intermittent stream
- Water body
- Irrigated cropland
- SCD boundary

District Location





Irrigation Standards Continues			.2	.01	70;230	.2	5	10000	3;9	.02	151;451;13	.1	2
	Sample No	Tested Date	Mn mg/L	Mo mg/L	Na mg/L	Ni mg/L	Pb mg/L	PO4 mg/L	SAR meq/L	Se mg/L	TDS mg/L	V mg/L	Zn mg/L
1	6210	8/28/2006	0.0012	ND	14.6614	ND	ND	ND	0.4000	ND	313.0000	ND	ND
2	6218	9/1/2006	ND	ND	11.5695	ND	ND	ND	0.5000	ND	144.0000	ND	0.0030
3	6219	9/1/2006	0.6346	0.0023	14.9300	ND	ND	ND	0.5000	ND	241.0000	ND	0.0023
4	6220	9/1/2006	0.0003	ND	48.0011	0.0008	ND	ND	1.0000	ND	521.0000	0.0073	0.0057
5	6388	10/27/2006	0.0006	ND	16.2094	0.0012	ND	ND	0.7000	ND	327.0000	ND	0.0309
6	6389	10/27/2006	0.0009	ND	4.9387	ND	ND	ND	0.4000	ND	102.0000	ND	ND
Test Count that Exceeded Standard:			1	0	0	0	0	0	0	0	4	0	0
ND - Not Detected													

## Livestock:

Livestock Standards			5	0.2	5	.1	0.05	1	1	.5	2	10	100	.1	5.5-8.3	.05	167;333	1000;3000;	25
			Al	As	B	Be	Cd	Co	Cr	Cu	F	Hg	NO3	Pb	pH	Se	SO4	TDS	Zn
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	-	mg/L	mg/L	mg/L	mg/L
1	6210	8/28/2006	ND	ND	0.0370	ND	ND	ND	0.0007	0.0080	ND	ND	0.2489	ND	8.3600	ND	6.9839	313.0000	ND
2	6218	9/1/2006	ND	ND	0.0195	ND	ND	ND	ND	0.0070	ND	ND	1.2864	ND	7.6700	ND	5.6480	144.0000	0.0030
3	6219	9/1/2006	ND	0.0062	0.0195	ND	ND	ND	ND	0.0056	ND	ND	ND	ND	8.2100	ND	2.1073	241.0000	0.0023
4	6220	9/1/2006	ND	0.0040	0.0797	ND	ND	ND	ND	0.0182	ND	ND	8.8919	ND	8.0500	ND	17.9676	521.0000	0.0057
5	6388	10/27/2006	ND	0.0024	0.0118	ND	ND	ND	0.0013	0.0184	ND	ND	2.2190	ND	6.8400	ND	24.4126	327.0000	0.0309
6	6389	10/27/2006	ND	ND	0.0081	ND	ND	ND	ND	0.0052	ND	ND	1.7911	ND	6.6300	ND	19.7486	102.0000	ND
Test Count that Exceeded Standard			0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0

ND - Not Detected

## Culinary:

Drinking Water Primary Standards			0.01	2	0.004	1	0.005	25	0.1	1.3	4	2	10000	1000	10	.015	.05	500	2000
			As	Ba	Be	Br	Cd	ClO4	Cr	Cu	F	Hg	Na	Ni	NO3	Pb	Se	SO4	TDS
			mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
1	6210	8/28/2006	ND	0.1394	ND	ND	ND	ND	0.0007	0.0080	ND	ND	14.6614	ND	0.2489	ND	ND	6.9839	313.0000
2	6218	9/1/2006	ND	0.0823	ND	ND	ND	ND	ND	0.0070	ND	ND	11.5695	ND	1.2864	ND	ND	5.6480	144.0000
3	6219	9/1/2006	0.0062	0.0594	ND	ND	ND	ND	ND	0.0056	ND	ND	14.9300	ND	ND	ND	ND	2.1073	241.0000
4	6220	9/1/2006	0.0040	0.2608	ND	ND	ND	ND	ND	0.0182	ND	ND	48.0011	0.0008	8.8919	ND	ND	17.9676	521.0000
5	6388	10/27/2006	0.0024	0.2109	ND	ND	ND	ND	0.0013	0.0184	ND	ND	16.2094	0.0012	2.2190	ND	ND	24.4126	327.0000
6	6389	10/27/2006	ND	0.0104	ND	ND	ND	ND	ND	0.0052	ND	ND	4.9387	ND	1.7911	ND	ND	19.7486	102.0000
Test Count that Exceeded Standard			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

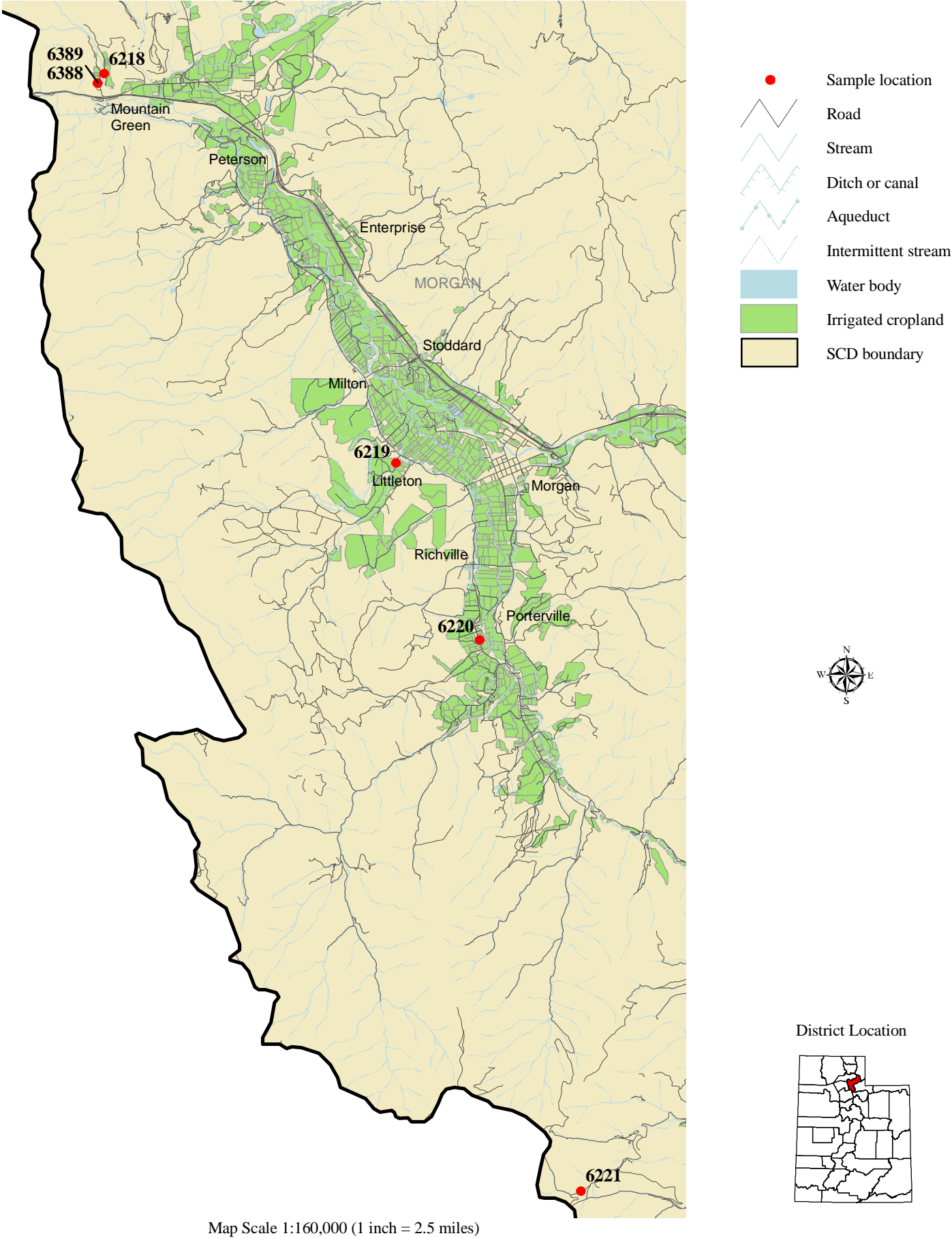
ND - Not Detected

Drinking Water Secondary Standards:			0.1	0.5	250	1	2	0.3	60;120;180	.05	6.5-8.5	1000	250	200	5
			Ag	Al	Cl	Cu	F	Fe	Hardnes	Mn	pH	Si	SO4	TDS	Zn
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	s	mg/L	-	mg/L	mg/L	mg/L	mg/L
1	6210	8/28/2006	ND	ND	57.8193	0.0080	ND	0.0178	224.7000	0.0012	8.3600	3.1325	6.9839	313.0000	ND
2	6218	9/1/2006	ND	ND	16.3371	0.0070	ND	ND	108.3000	ND	7.6700	8.3621	5.6480	144.0000	0.0030
3	6219	9/1/2006	ND	ND	24.6706	0.0056	ND	0.4354	176.1000	0.6346	8.2100	24.0283	2.1073	241.0000	0.0023
4	6220	9/1/2006	ND	ND	45.1208	0.0182	ND	ND	401.7000	0.0003	8.0500	23.0201	17.9676	521.0000	0.0057
5	6388	10/27/2006	ND	ND	126.4336	0.0184	ND	ND	100.4000	0.0006	6.8400	5.7056	24.4126	327.0000	0.0309
6	6389	10/27/2006	ND	ND	21.0288	0.0052	ND	0.0200	34.1000	0.0009	6.6300	3.8672	19.7486	102.0000	ND
Test Count that Exceeded Standard:			0	0	0	0	0	1	5	1	0	0	0	4	0

ND - Not Detected



Map 8. Morgan District





### General:

	Sample No	Collected Date	Coliform	Ecoli	Temperatura	EC	TDS mg/L	SAR meq/L	Hardness mg/L	Sample Site	Site Condition	Well Head	Material	Casing Condition	Cullinary	Irrigation	Industrial	Landscape	Natural	Drainage	Other
1	6061	6/20/2006	POS	ND	44.1 F (6.7 C)	445	264.0	0.200	233.8	Spring	Vegetated	Natural	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	6062	6/20/2006	POS	ND	42.1 F (5.6 C)	407	225.0	0.100	216.0	Stream	Vegetated	Natural	Earth	Open	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	6063	6/20/2006	ND	ND	46.4 F (8.0 C)	939	490.0	1.900	307.4	Well	Gravel	Pit Masonry	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	6064	6/20/2006	ND	ND	51.3 F (10.7 C)	1842	980.0	3.700	502.3	Well	Vegetated	Covered	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	6065	6/20/2006	ND	ND	57.6 F (14.2 C)	1305	731.0	0.800	608.8	Flowing Well	Vegetated	Concrete Pad	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	6069	6/20/2006	ND	ND	58.3 F (14.6 C)	1066	614.0	0.700	497.9	Flowing Well	Vegetated	Covered	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	6070	6/20/2006	ND	ND	59.2 F (15.1 C)	301	177.0	0.600	123.5	Flowing Well	Clean	Concrete Pad	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	6221	8/29/2006	POS	POS	48.0 F (8.9 C)	448	241.0	0.200	223.7	Spring	Vegetated	Natural	Earth	Open	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
9	6222	8/29/2006	ND	ND	47.8 F (8.8 C)	804	435.0	0.700	360.1	Well	Vegetated	Natural	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	6223	8/29/2006	ND	ND	52.2 F (11.2 C)	531	292.0	0.200	274.4	Well	Gravel	Gravel	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11	6224	8/29/2006	POS	POS	51.6 F (10.9 C)	518	291.0	0.200	283.2	Spring	Vegetated	Natural	PVC	Open	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12	6225	8/29/2006	ND	ND	52.9 F (11.6 C)	626	337.0	0.200	329.7	Well	Vegetated	Natural	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13	6226	8/29/2006	POS	ND	52.9 F (11.6 C)	801	443.0	0.700	379.1	Well	Vegetated	Natural	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14	6227	8/29/2006	POS	ND	61.3 F (16.3 C)	1515	847.0	1.300	673.2	Well	Chemicals	Covered	Steel	Cracked	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15	6228	8/29/2006	POS	ND	62.2 F (16.8 C)	1119	613.0	1.900	394.8	Well	Vegetated	Lawn	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16	6229	8/29/2006	ND	ND	59.4 F (15.2 C)	1276	749.0	0.900	590.9	Flowing Well	Clean	Concrete Pad	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17	6230	8/29/2006	ND	ND	59.9 F (15.5 C)	1612	867.0	2.000	568.2	Well	Clean	Well House	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18	6231	8/29/2006	POS	POS	62.6 F (17.0 C)	3170	1651.	3.300	874.3	Drain	Surface Water	Natural	Earth	Open	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19	6243	9/7/2006	POS	ND	57.4 F (14.1 C)	941	568.0	7.400	103.0	Flowing Well	Vegetated	Concrete Pad	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20	6368	10/18/2006	POS	POS	53.4 F (11.9 C)	1022	671.0	0.700	555.1	Well	Clean	Well House	Steel	Sealed	<						

**Irrigation:**

Irrigation Standards			5	0.5;1.0;2.0;	.1	100000	71;355	1	1000	1	0.2	1	5	73.2;152.5	10000	2.5	100000
	Sample No	Tested Date	Al mg/L	B mg/L	Be mg/L	Ca mg/L	Cl mg/L	Co mg/L	CO3 mg/L	Cr mg/L	Cu mg/L	F mg/L	Fe mg/L	HCO3 mg/L	K mg/L	Li mg/L	Mg mg/L
1	6061	6/26/2006	ND	0.0154	ND	61.8022	6.8048	ND	ND	0.0027	0.0039	ND	0.0141	261.2090	0.9172	0.0034	19.2402
2	6062	6/26/2006	ND	0.0114	ND	63.3162	4.0057	ND	ND	0.0023	0.0073	ND	0.0117	245.9850	0.6214	ND	13.9969
3	6063	6/26/2006	ND	0.0497	ND	90.8819	95.6115	ND	ND	0.0031	0.0069	ND	0.0255	326.4780	2.1720	0.0102	19.4696
4	6064	6/26/2006	ND	0.0730	ND	148.9303	327.6283	ND	ND	0.0046	0.0213	ND	0.2200	473.5670	2.8250	0.0139	31.5571
5	6065	6/26/2006	ND	0.0881	ND	147.1371	133.4480	ND	ND	0.0044	0.0060	ND	0.0133	355.3270	3.4468	0.0272	58.4920
6	6069	6/26/2006	ND	0.0725	ND	123.5550	67.7878	ND	ND	0.0026	0.0142	ND	0.0431	318.8400	3.3363	0.0209	45.8839
7	6070	6/26/2006	ND	0.0204	ND	33.5234	11.5329	ND	ND	0.0006	0.0053	ND	0.2551	171.5340	1.2517	0.0059	9.6372
8	6221	9/1/2006	ND	0.0121	ND	85.0867	8.9493	ND	ND	ND	0.0089	ND	ND	255.2060	0.4004	0.0032	2.6764
9	6222	9/1/2006	ND	0.0257	ND	110.5788	50.3818	ND	ND	ND	0.0093	ND	ND	330.4460	0.6930	0.0057	20.3077
10	6223	9/1/2006	ND	0.0189	ND	82.7713	7.3561	ND	ND	ND	0.0105	ND	ND	293.4910	0.5653	0.0042	16.3850
11	6224	9/1/2006	ND	0.0170	ND	85.5570	3.0918	ND	5.8690	ND	0.0086	ND	0.0187	286.6110	0.6536	0.0035	16.8109
12	6225	9/1/2006	ND	0.0338	ND	93.6582	4.1112	ND	ND	ND	0.0125	ND	0.0137	370.9770	0.6762	0.0063	23.1901
13	6226	9/1/2006	ND	0.0334	ND	116.5393	27.3018	ND	ND	ND	0.0460	ND	0.0106	350.2590	1.1029	0.0076	21.2901
14	6227	9/1/2006	ND	0.0873	ND	197.8842	230.3993	ND	ND	ND	0.0186	ND	ND	507.0810	3.0594	0.0515	43.3160
15	6228	9/1/2006	ND	0.0723	ND	117.6486	174.8583	ND	ND	ND	0.0356	ND	ND	333.1230	3.0608	0.0141	24.4306
16	6229	9/1/2006	ND	0.0941	ND	143.1906	163.5297	ND	ND	0.0006	0.0093	ND	ND	335.7760	2.8607	0.0281	56.5270
17	6230	9/1/2006	ND	0.0722	ND	129.9506	383.0797	ND	ND	ND	0.0080	ND	ND	182.9860	4.1457	0.0468	59.0698
18	6231	9/1/2006	ND	0.4357	ND	234.2512	302.4189	ND	ND	0.0011	0.0103	ND	ND	382.7620	10.6147	0.1399	70.0605
19	6243	9/12/2006	ND	0.5382	ND	19.4148	18.8646	ND	ND	ND	0.0335	ND	0.3746	575.3110	9.1721	0.0701	13.2161
20	6368	10/24/2006	ND	0.0558	ND	144.3847	57.5454	ND	ND	0.0016	0.0061	ND	ND	379.2320	1.8770	0.0230	47.1138
Test Count that Exceeded Standard			0	1	0	0	8	0	0	0	0	0	0	20	0	0	0

ND - Not Detected



Irrigation Standards Continues			.2	.01	70;230	.2	5	10000	3;9	.02	151;451;13	.1	2
	Sample No	Tested Date	Mn mg/L	Mo mg/L	Na mg/L	Ni mg/L	Pb mg/L	PO4 mg/L	SAR meq/L	Se mg/L	TDS mg/L	V mg/L	Zn mg/L
1	6061	6/26/2006	0.0009	0.0012	6.1176	0.0009	ND	ND	0.2000	ND	264.0000	ND	0.0053
2	6062	6/26/2006	0.0010	0.0006	3.8536	ND	ND	ND	0.1000	ND	225.0000	ND	0.0084
3	6063	6/26/2006	0.0017	ND	74.7111	ND	ND	ND	1.9000	ND	490.0000	0.0020	0.0078
4	6064	6/26/2006	0.0066	0.0006	190.3555	0.0010	ND	ND	3.7000	ND	980.0000	0.0037	0.0408
5	6065	6/26/2006	0.0010	0.0007	47.5519	0.0007	ND	ND	0.8000	ND	731.0000	0.0025	0.0074
6	6069	6/26/2006	0.0024	0.0005	34.9451	0.0008	ND	ND	0.7000	ND	614.0000	ND	0.0148
7	6070	6/26/2006	0.0285	0.0045	15.3534	ND	ND	ND	0.6000	ND	177.0000	ND	0.0366
8	6221	9/1/2006	0.0008	ND	6.3533	ND	ND	ND	0.2000	ND	241.0000	ND	ND
9	6222	9/1/2006	0.0053	ND	29.0896	ND	ND	ND	0.7000	ND	435.0000	ND	0.4910
10	6223	9/1/2006	0.0008	ND	6.7408	ND	ND	ND	0.2000	ND	292.0000	ND	0.1248
11	6224	9/1/2006	0.0008	ND	6.3832	ND	ND	ND	0.2000	ND	291.0000	ND	ND
12	6225	9/1/2006	0.0039	ND	9.1936	ND	ND	ND	0.2000	ND	337.0000	ND	0.4268
13	6226	9/1/2006	0.0056	ND	29.7265	ND	ND	ND	0.7000	ND	443.0000	ND	0.0316
14	6227	9/1/2006	0.0188	ND	77.8034	0.0016	ND	ND	1.3000	ND	847.0000	ND	0.3138
15	6228	9/1/2006	0.0009	ND	86.1069	0.0007	ND	ND	1.9000	ND	613.0000	ND	0.0413
16	6229	9/1/2006	0.0075	0.0009	52.5785	ND	ND	ND	0.9000	ND	749.0000	0.0018	ND
17	6230	9/1/2006	0.0043	0.0012	111.9965	ND	ND	ND	2.0000	0.0047	867.0000	0.0030	0.1444
18	6231	9/1/2006	0.0006	0.0121	226.9580	0.0010	ND	ND	3.3000	0.0041	1651.0000	0.0069	0.0036
19	6243	9/12/2006	0.0501	0.0015	172.7545	ND	ND	5.7832	7.4000	ND	568.0000	ND	0.0031
20	6368	10/24/2006	0.0015	0.0009	36.5526	0.0012	ND	ND	0.7000	0.0111	671.0000	ND	0.1097
Test Count that Exceeded Standard:			0	1	7	0	0	0	3	0	20	0	0
ND - Not Detected													



**Livestock:**

Livestock Standards			5	0.2	5	.1	0.05	1	1	.5	2	10	100	.1	5.5-8.3	.05	167;333	1000;3000;	25
	Sample No	Tested Date	Al mg/L	As mg/L	B mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	F mg/L	Hg ug/L	NO3 mg/L	Pb mg/L	pH -	Se mg/L	SO4 mg/L	TDS mg/L	Zn mg/L
1	6061	6/26/2006	ND	ND	0.0154	ND	ND	ND	0.0027	0.0039	ND	ND	ND	ND	7.8300	ND	36.3345	264.0000	0.0053
2	6062	6/26/2006	ND	ND	0.0114	ND	ND	ND	0.0023	0.0073	ND	ND	ND	ND	7.8800	ND	14.8859	225.0000	0.0084
3	6063	6/26/2006	ND	ND	0.0497	ND	ND	ND	0.0031	0.0069	ND	ND	0.7029	ND	7.7800	ND	39.0241	490.0000	0.0078
4	6064	6/26/2006	ND	ND	0.0730	ND	ND	ND	0.0046	0.0213	ND	ND	0.6721	ND	7.4400	ND	32.2332	980.0000	0.0408
5	6065	6/26/2006	ND	ND	0.0881	ND	ND	ND	0.0044	0.0060	ND	ND	4.3447	ND	7.5000	ND	152.5554	731.0000	0.0074
6	6069	6/26/2006	ND	ND	0.0725	ND	ND	ND	0.0026	0.0142	ND	ND	3.3119	ND	7.5700	ND	170.4581	614.0000	0.0148
7	6070	6/26/2006	ND	0.0035	0.0204	ND	ND	ND	0.0006	0.0053	ND	ND	ND	ND	8.3400	ND	14.8620	177.0000	0.0366
8	6221	9/1/2006	ND	ND	0.0121	ND	ND	ND	ND	0.0089	ND	ND	0.4753	ND	8.3100	ND	8.1328	241.0000	ND
9	6222	9/1/2006	ND	ND	0.0257	ND	ND	ND	ND	0.0093	ND	ND	0.7818	ND	8.2000	ND	55.9821	435.0000	0.4910
10	6223	9/1/2006	ND	ND	0.0189	ND	ND	ND	ND	0.0105	ND	ND	0.2612	ND	8.2600	ND	28.2367	292.0000	0.1248
11	6224	9/1/2006	ND	ND	0.0170	ND	ND	ND	ND	0.0086	ND	ND	ND	ND	8.4300	ND	27.0296	291.0000	ND
12	6225	9/1/2006	ND	ND	0.0338	ND	ND	ND	ND	0.0125	ND	ND	ND	ND	8.1200	ND	18.1873	337.0000	0.4268
13	6226	9/1/2006	ND	ND	0.0334	ND	ND	ND	ND	0.0460	ND	ND	ND	ND	8.1200	ND	68.7016	443.0000	0.0316
14	6227	9/1/2006	ND	ND	0.0873	ND	ND	ND	ND	0.0186	ND	ND	1.1876	ND	8.0500	ND	35.9816	847.0000	0.3138
15	6228	9/1/2006	ND	ND	0.0723	ND	ND	ND	ND	0.0356	ND	ND	0.3243	ND	8.2000	ND	34.4626	613.0000	0.0413
16	6229	9/1/2006	ND	ND	0.0941	ND	ND	ND	0.0006	0.0093	ND	ND	4.3683	ND	8.1400	ND	151.8542	749.0000	ND
17	6230	9/1/2006	ND	0.0036	0.0722	ND	ND	ND	ND	0.0080	ND	ND	5.3678	ND	8.0700	0.0047	70.9724	867.0000	0.1444
18	6231	9/1/2006	ND	0.0095	0.4357	ND	ND	ND	0.0011	0.0103	ND	ND	2.8768	ND	8.2200	0.0041	597.8705	1651.0000	0.0036
19	6243	9/12/2006	ND	0.0285	0.5382	ND	ND	ND	ND	0.0335	ND	ND	ND	ND	8.2800	ND	36.5577	568.0000	0.0031
20	6368	10/24/2006	ND	ND	0.0558	ND	ND	ND	0.0016	0.0061	ND	ND	1.4763	ND	7.3900	0.0111	187.2719	671.0000	0.1097
Test Count that Exceeded Standard			0	0	0	0	0	0	0	0	0	0	0	0	3	0	3	1	0

ND - Not Detected

**Culinary:**

Drinking Water Primary Standards			0.01 As mg/L	2 Ba mg/L	0.004 Be mg/L	1 Br mg/L	0.005 Cd mg/L	25 ClO4 ug/L	0.1 Cr mg/L	1.3 Cu mg/L	4 F mg/L	2 Hg ug/L	10000 Na mg/L	1000 Ni mg/L	10 NO3 mg/L	.015 Pb mg/L	.05 Se mg/L	500 SO4 mg/L	2000 TDS mg/L
	Sample No	Tested Date																	
1	6061	6/26/2006	ND	0.0310	ND	ND	ND	ND	0.0027	0.0039	ND	ND	6.1176	0.0009	ND	ND	ND	36.3345	264.0000
2	6062	6/26/2006	ND	0.0285	ND	ND	ND	ND	0.0023	0.0073	ND	ND	3.8536	ND	ND	ND	ND	14.8859	225.0000
3	6063	6/26/2006	ND	0.1045	ND	ND	ND	ND	0.0031	0.0069	ND	ND	74.7111	ND	0.7029	ND	ND	39.0241	490.0000
4	6064	6/26/2006	ND	0.2204	ND	ND	ND	ND	0.0046	0.0213	ND	ND	190.3555	0.0010	0.6721	ND	ND	32.2332	980.0000
5	6065	6/26/2006	ND	0.0336	ND	2.2569	ND	ND	0.0044	0.0060	ND	ND	47.5519	0.0007	4.3447	ND	ND	152.5554	731.0000
6	6069	6/26/2006	ND	0.0358	ND	ND	ND	ND	0.0026	0.0142	ND	ND	34.9451	0.0008	3.3119	ND	ND	170.4581	614.0000
7	6070	6/26/2006	0.0035	0.0468	ND	ND	ND	ND	0.0006	0.0053	ND	ND	15.3534	ND	ND	ND	ND	14.8620	177.0000
8	6221	9/1/2006	ND	0.0212	ND	ND	ND	ND	ND	0.0089	ND	ND	6.3533	ND	0.4753	ND	ND	8.1328	241.0000
9	6222	9/1/2006	ND	0.0460	ND	ND	ND	ND	ND	0.0093	ND	ND	29.0896	ND	0.7818	ND	ND	55.9821	435.0000
10	6223	9/1/2006	ND	0.0610	ND	ND	ND	ND	ND	0.0105	ND	ND	6.7408	ND	0.2612	ND	ND	28.2367	292.0000
11	6224	9/1/2006	ND	0.0627	ND	ND	ND	ND	ND	0.0086	ND	ND	6.3832	ND	ND	ND	ND	27.0296	291.0000
12	6225	9/1/2006	ND	0.0462	ND	ND	ND	ND	ND	0.0125	ND	ND	9.1936	ND	ND	ND	ND	18.1873	337.0000
13	6226	9/1/2006	ND	0.0310	ND	ND	ND	ND	ND	0.0460	ND	ND	29.7265	ND	ND	ND	ND	68.7016	443.0000
14	6227	9/1/2006	ND	0.4673	ND	ND	ND	ND	ND	0.0186	ND	ND	77.8034	0.0016	1.1876	ND	ND	35.9816	847.0000
15	6228	9/1/2006	ND	0.1194	ND	ND	ND	ND	ND	0.0356	ND	ND	86.1069	0.0007	0.3243	ND	ND	34.4626	613.0000
16	6229	9/1/2006	ND	0.0338	ND	ND	ND	ND	0.0006	0.0093	ND	ND	52.5785	ND	4.3683	ND	ND	151.8542	749.0000
17	6230	9/1/2006	0.0036	0.0739	ND	0.9316	ND	ND	ND	0.0080	ND	ND	111.9965	ND	5.3678	ND	0.0047	70.9724	867.0000
18	6231	9/1/2006	0.0095	0.0188	ND	2.5420	ND	ND	0.0011	0.0103	ND	ND	226.9580	0.0010	2.8768	ND	0.0041	597.8705	1651.0000
19	6243	9/12/2006	0.0285	0.0649	ND	ND	ND	ND	ND	0.0335	ND	ND	172.7545	ND	ND	ND	ND	36.5577	568.0000
20	6368	10/24/2006	ND	0.0446	ND	2.8915	ND	ND	0.0016	0.0061	ND	ND	36.5526	0.0012	1.4763	ND	0.0111	187.2719	671.0000
Test Count that Exceeded Standard			1	0	0	3	0	0	0	0	0	0	0	0	0	0	0	1	0
ND - Not Detected																			

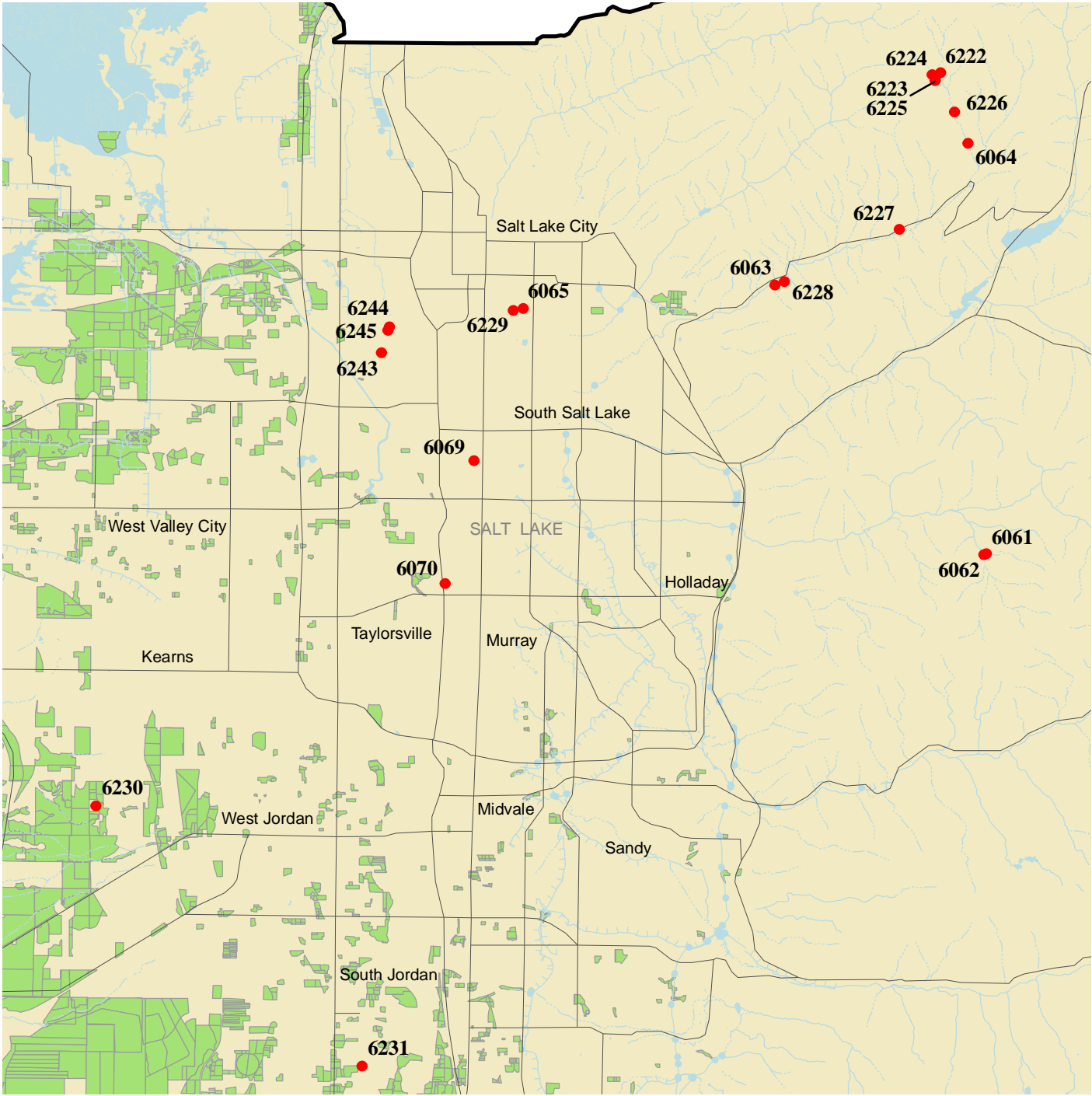


Drinking Water Secondary Standards:			0.1	0.5	250	1	2	0.3	60;120;180	.05	6.5-8.5	1000	250	200	5
	Sample No	Tested Date	Ag mg/L	Al mg/L	Cl mg/L	Cu mg/L	F mg/L	Fe mg/L	Hardnes s	Mn mg/L	pH -	Si mg/L	SO4 mg/L	TDS mg/L	Zn mg/L
1	6061	6/26/2006	ND	ND	6.8048	0.0039	ND	0.0141	233.8000	0.0009	7.8300	3.4028	36.3345	264.0000	0.0053
2	6062	6/26/2006	ND	ND	4.0057	0.0073	ND	0.0117	216.0000	0.0010	7.8800	2.6503	14.8859	225.0000	0.0084
3	6063	6/26/2006	ND	ND	95.6115	0.0069	ND	0.0255	307.4000	0.0017	7.7800	6.3584	39.0241	490.0000	0.0078
4	6064	6/26/2006	ND	ND	327.6283	0.0213	ND	0.2200	502.3000	0.0066	7.4400	11.8840	32.2332	980.0000	0.0408
5	6065	6/26/2006	ND	ND	133.4480	0.0060	ND	0.0133	608.8000	0.0010	7.5000	8.6684	152.5554	731.0000	0.0074
6	6069	6/26/2006	ND	ND	67.7878	0.0142	ND	0.0431	497.9000	0.0024	7.5700	7.4388	170.4581	614.0000	0.0148
7	6070	6/26/2006	ND	ND	11.5329	0.0053	ND	0.2551	123.5000	0.0285	8.3400	6.0058	14.8620	177.0000	0.0366
8	6221	9/1/2006	ND	ND	8.9493	0.0089	ND	ND	223.7000	0.0008	8.3100	3.2321	8.1328	241.0000	ND
9	6222	9/1/2006	ND	ND	50.3818	0.0093	ND	ND	360.1000	0.0053	8.2000	4.3566	55.9821	435.0000	0.4910
10	6223	9/1/2006	ND	ND	7.3561	0.0105	ND	ND	274.4000	0.0008	8.2600	4.5809	28.2367	292.0000	0.1248
11	6224	9/1/2006	ND	ND	3.0918	0.0086	ND	0.0187	283.2000	0.0008	8.4300	4.4136	27.0296	291.0000	ND
12	6225	9/1/2006	ND	ND	4.1112	0.0125	ND	0.0137	329.7000	0.0039	8.1200	4.9160	18.1873	337.0000	0.4268
13	6226	9/1/2006	ND	ND	27.3018	0.0460	ND	0.0106	379.1000	0.0056	8.1200	5.7995	68.7016	443.0000	0.0316
14	6227	9/1/2006	ND	ND	230.3993	0.0186	ND	ND	673.2000	0.0188	8.0500	6.5249	35.9816	847.0000	0.3138
15	6228	9/1/2006	ND	ND	174.8583	0.0356	ND	ND	394.8000	0.0009	8.2000	7.6039	34.4626	613.0000	0.0413
16	6229	9/1/2006	ND	ND	163.5297	0.0093	ND	ND	590.9000	0.0075	8.1400	8.6906	151.8542	749.0000	ND
17	6230	9/1/2006	ND	ND	383.0797	0.0080	ND	ND	568.2000	0.0043	8.0700	12.3688	70.9724	867.0000	0.1444
18	6231	9/1/2006	ND	ND	302.4189	0.0103	ND	ND	874.3000	0.0006	8.2200	16.5527	597.8705	1651.0000	0.0036
19	6243	9/12/2006	ND	ND	18.8646	0.0335	ND	0.3746	103.0000	0.0501	8.2800	13.2382	36.5577	568.0000	0.0031
20	6368	10/24/2006	ND	ND	57.5454	0.0061	ND	ND	555.1000	0.0015	7.3900	7.8692	187.2719	671.0000	0.1097
Test Count that Exceeded Standard:			0	0	3	0	0	1	20	1	0	0	1	19	0

ND - Not Detected



Map 9. Salt Lake District



Map Scale 1:175,000 (1 inch = 2.8 miles)



District Location



- Sample location
- Road
- Stream
- Ditch or canal
- Aqueduct
- Intermittent stream
- Water body
- Irrigated cropland
- SCD boundary

Weber District

General:

General Sample Information

Sample No	Collected Date	Coliform	Ecoli	Temperatura	EC	TDS mg/L	SAR meq/L	Hardness mg/L	Sample Site	Site Condition	Well Head	Material	Casing Condition	Cullinary	Irrigation	Industrial	Landscape	Natural	Drainage	Other
1	6215	8/29/2006	ND	ND	51.3 F (10.7 C)	393	185.0	0.200	180.3	Well	Vegetated	Well House	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	6217	8/29/2006	POS	POS	55.8 F (13.2 C)	1306	738.0	1.800	503.4	Well	Vegetated	Pit Masonry	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	6253	9/13/2006	POS	ND	63.0 F (17.2 C)	1049	592.0	0.900	476.5	Flowing Well	Livestock	Soil	Steel	Sealed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bacteria Positive Sample Count		2	1	ND - Not Detected																

Irrigation:

Irrigation Standards

	Sample No	Tested Date	Al mg/L	B mg/L	Be mg/L	Ca mg/L	Cl mg/L	Co mg/L	CO3 mg/L	Cr mg/L	Cu mg/L	F mg/L	Fe mg/L	HCO3 mg/L	K mg/L	Li mg/L	Mg mg/L
1	6215	9/1/2006	ND	0.0123	ND	43.2071	10.5075	ND	ND	ND	0.0068	ND	ND	204.3840	1.6736	0.0163	17.5472
2	6217	9/1/2006	ND	0.0235	ND	169.2532	294.2702	ND	ND	ND	0.0140	ND	ND	265.6660	1.3324	0.0214	19.4921
3	6253	9/18/2006	ND	0.0555	ND	141.2418	120.9560	ND	ND	ND	0.0201	ND	ND	407.7560	1.5475	0.0228	29.9601
Test Count that Exceeded Standard			0	0	0	0	2	0	0	0	0	0	0	3	0	0	0

ND - Not Detected

Irrigation Standards Continues

	Sample No	Tested Date	Mn mg/L	Mo mg/L	Na mg/L	Ni mg/L	Pb mg/L	PO4 mg/L	SAR meq/L	Se mg/L	TDS mg/L	V mg/L	Zn mg/L
1	6215	9/1/2006	0.0524	ND	4.7699	0.0040	ND	ND	0.2000	ND	185.0000	ND	0.0044
2	6217	9/1/2006	0.0012	0.0006	92.7134	0.0007	0.0018	ND	1.8000	ND	738.0000	0.0041	0.0775
3	6253	9/18/2006	0.0027	ND	44.9003	0.0009	ND	ND	0.9000	ND	592.0000	ND	0.0273
Test Count that Exceeded Standard:			0	0	1	0	0	0	0	0	3	0	0

ND - Not Detected

Livestock:

Livestock Standards

Sample No	Tested Date	Al mg/L	As mg/L	B mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	F mg/L	Hg ug/L	NO3 mg/L	Pb mg/L	pH -	Se mg/L	SO4 mg/L	TDS mg/L	Zn mg/L
1	6215	9/1/2006	ND	ND	0.0123	ND	ND	ND	0.0068	ND	ND	ND	ND	8.1700	ND	3.4152	185.0000	0.0044
2	6217	9/1/2006	ND	0.0038	0.0235	ND	ND	ND	0.0140	ND	ND	0.6115	0.0018	8.0100	ND	10.3813	738.0000	0.0775
3	6253	9/18/2006	ND	ND	0.0555	ND	ND	ND	0.0201	ND	ND	1.9937	ND	7.5400	ND	41.2614	592.0000	0.0273
Test Count that Exceeded Standard		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ND - Not Detected

**Culinary:**

[illegible]

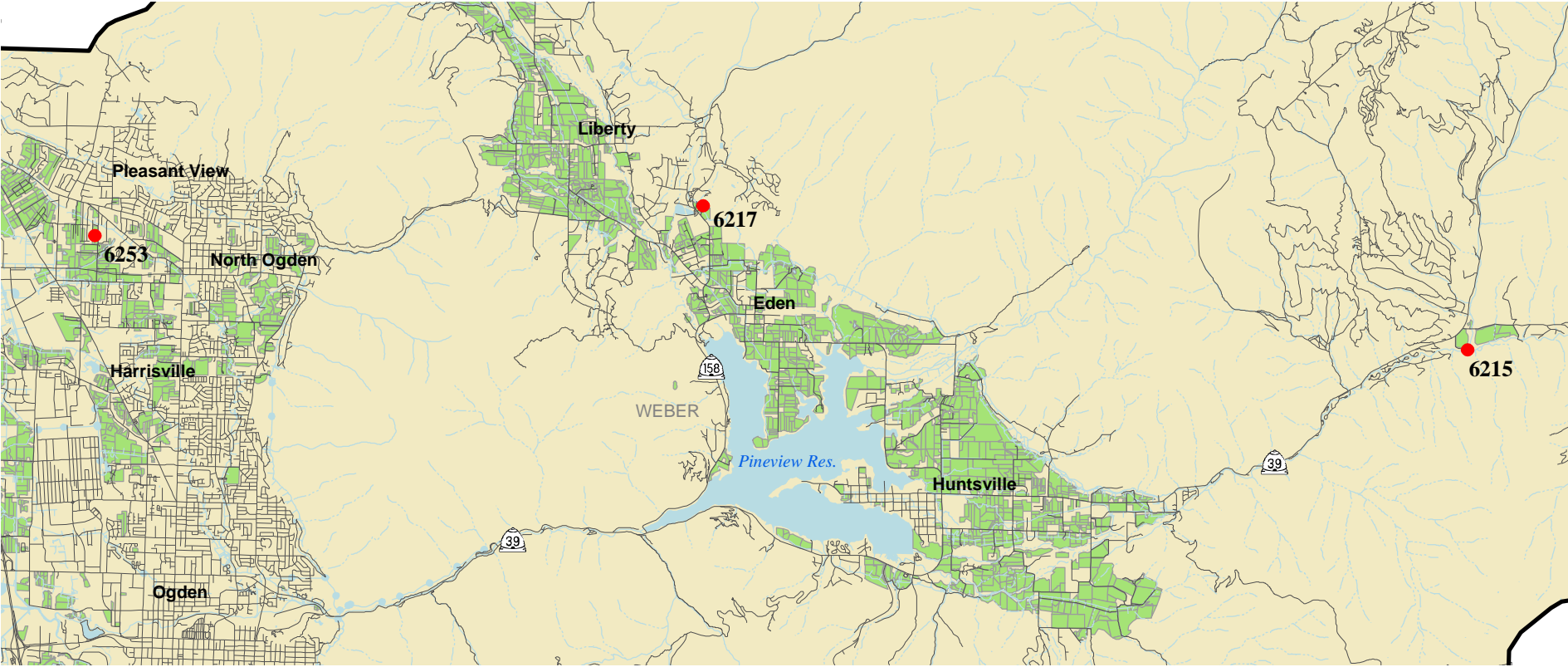
ND - Not Detected

Drinking Water Secondary Standards:			0.1	0.5	250	1	2	0.3	60;120;180	.05	6.5-8.5	1000	250	200	5
	Sample No	Tested Date	Ag mg/L	Al mg/L	Cl mg/L	Cu mg/L	F mg/L	Fe mg/L	Hardnes s	Mn mg/L	pH -	Si mg/L	SO4 mg/L	TDS mg/L	Zn mg/L
1	6215	9/1/2006	ND	ND	10.5075	0.0068	ND	ND	180.3000	0.0524	8.1700	2.8723	3.4152	185.0000	0.0044
2	6217	9/1/2006	ND	ND	294.2702	0.0140	ND	ND	503.4000	0.0012	8.0100	19.2802	10.3813	738.0000	0.0775
3	6253	9/18/2006	ND	ND	120.9560	0.0201	ND	ND	476.5000	0.0027	7.5400	9.2246	41.2614	592.0000	0.0273
Test Count that Exceeded Standard:			0	0	1	0	0	0	3	1	0	0	0	2	0

ND - Not Detected












Map 10. Weber District

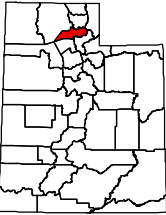


Map Scale 1:143,000 (1 inch = 2.3 miles)



- |   |                 |   |                     |
|---|-----------------|---|---------------------|
|  | Sample location |  | Intermittent stream |
|  | Road            |  | Water body          |
|  | Stream          |  | Irrigated cropland  |
|  | Ditch or canal  |  | SCD boundary        |
|  | Aqueduct        |   |                     |

District Location



## **UACD Zone 3 (Wasatch County and most of Summit and Utah counties)**

One hundred and thirty-one (131) sites were sampled in the five (5) Soil Conservation Districts in Zone 3 during the spring, summer, and fall of 2006. These include the number of samples in the following districts: twenty (20) Alpine, twenty-one (21) Kamas Valley, twenty-two (22) Summit, fifty-seven (57) Timp-Nebo, and eleven (11) Wasatch.

The Statistical Report below shows a summary of the total number of chemical tests collected (Test Count) for each district in Zone 3. The next four columns summarize the number of tests which exceed the standards for either Primary Drinking Water (DW Primary), Secondary Drinking Water (DW Secondary), Irrigation, or Livestock.

### **Ground Water UACD Zone No 3 Statistical Report For the Samples Collected Between: 4/1/2006 And 11/1/2006**

District Name	Sample Count	Test Count	Test Count Which Result Exceeded Standards			
			DW Primary	DW Secondary	Irrigation	Livestock
Alpine	20	800	5	40	47	0
Kamas Valley	21	840	0	40	48	0
Summit	22	880	8	49	60	5
Timp-Nebo	57	2280	18	134	153	7
Wasatch	11	440	0	22	24	0
<b>Zone Totals:</b>	<b>131</b>	<b>5240</b>	<b>31</b>	<b>285</b>	<b>332</b>	<b>12</b>

Detailed tables follow covering the above water quality categories - General, Irrigation, Livestock, and Culinary (which includes Primary Drinking Water Standards and Secondary Drinking Water Standards) for each district along with a map(s). For the Irrigation, Livestock, and Culinary tables the first row lists the explicit standard for each element or compound (column). The standards for irrigation and livestock originated from the *Water quality for agriculture 29 Revision 1*, published by the Food and Agriculture Organization of the United Nations. The drinking water primary and secondary standards are from the State of Utah's water quality standards. Below the standards are the column headings expressed as the chemical abbreviation for each element or compound tested. Units used in measuring the concentrations of each element or compound are found below each abbreviation. Each row of the table is a single sample identified with a sample number. This sample number shows the sampling location on the map(s) found after the chemistry tables. Highlighted sample results show samples that exceed a standard for that element or compound. Totals at the bottom of each table show how many samples in each column exceeded the standard for that column. The value "ND" indicates that a particular element or compound was "Not Detected" for a given sample.

## Alpine District

**General:**

### General Sample Information

	Sample No	Collected Date	Coliform	Ecoli	Temperatura	EC	TDS mg/L	SAR	Hardness meq/L	mg/L	Sample Site	Site Condition	Well Head	Material	Casing Condition	Cullinary	Irrigation	Industrial	Landscape	Natural	Drainage	Other
1	6071	6/28/2006	ND	ND	65.5 F (18.6 C)	585	327.0	0.300	285.4		Well	Vegetated	Lawn	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	6072	6/28/2006	ND	ND	57.0 F (13.9 C)	617	338.0	0.400	288.3		Well	Livestock	Pit Concrete	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	6073	6/28/2006	ND	ND	62.4 F (16.9 C)	804	452.0	0.900	315.7		Well	Clean	Covered	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	6074	6/28/2006	ND	ND	58.1 F (14.5 C)	449	250.0	0.300	209.2		Well	Livestock	Well House	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	6075	6/28/2006	ND	ND	64.8 F (18.2 C)	1333	671.0	0.600	549.5		Well	Clean	Natural	PVC	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	6076	6/28/2006	ND	ND	55.8 F (13.2 C)	1266	634.0	0.500	544.4		Well	Vegetated	Natural	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	6077	6/28/2006	ND	ND	63.7 F (17.6 C)	652	361.0	0.400	306.9		Well	Vegetated	Covered	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	6078	6/28/2006	ND	ND	53.2 F (11.8 C)	1414	712.0	1.800	436.5		Well	Vegetated	Pit Masonry	PVC	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	6079	6/28/2006	ND	ND	54.9 F (12.7 C)	453	245.0	0.300	206.9		Flowing Well	Clean	Pit Masonry	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	6080	6/28/2006	ND	ND	55.6 F (13.1 C)	479	261.0	0.300	222.5		Flowing Well	Vegetated	Natural	Steel	Sealed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11	6081	6/28/2006	ND	ND	56.8 F (13.8 C)	574	319.0	0.400	271.4		Flowing Well	Vegetated	Lawn	Steel	Sealed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12	6082	6/28/2006	ND	ND	53.6 F (12.0 C)	426	234.0	0.400	188.7		Well	Vegetated	Soil	Steel	Sealed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13	6083	6/28/2006	ND	ND	44.4 F (6.9 C)	354	190.0	0.100	169.8		Spring	Vegetated	Covered	Concrete	Sealed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14	6084	6/28/2006	ND	ND	59.7 F (15.4 C)	395	191.0	0.300	160.9		Well	Vegetated	Natural	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15	6091	6/28/2006	ND	ND	63.7 F (17.6 C)	426	242.0	0.200	203.9		Flowing Well	Clean	Covered	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16	6115	7/19/2006	POS	ND	61.3 F (16.3 C)	513	345.0	0.400	210.3		Well	Vegetated	Pit Concrete	Steel	Open	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17	6121	7/19/2006	POS	ND	54.7 F (12.6 C)	620	348.0	0.400	293.1		Well	Vegetated	Lawn	Steel	Open	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18	6192	8/16/2006	POS	POS	64.4 F (18.0 C)	829	485.0	1.000	359.2		Well	Surface Water	Covered	Concrete	Open	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19	6193	8/16/2006	ND	ND	54.9 F (12.7 C)	586	331.0	0.400	275.9		Flowing Well	Clean	Natural	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20	6251	9/12/2006	POS	ND	67.5 F (19.7 C)	790	459.0	2.300	244.3		Well	Vegetated	Gravel	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bacteria Positive Sample Count			4	1	ND - Not Detected																	



**Irrigation:**

Irrigation Standards			5	0.5;1.0;2.0;	.1	100000	71,355	1	1000	1	0.2	1	5	73.2;152.5	10000	2.5	100000
			Al	B	Be	Ca	Cl	Co	CO3	Cr	Cu	F	Fe	HCO3	K	Li	Mg
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
1	6071	6/30/2006	ND	0.0346	ND	64.9203	12.9302	ND	ND	0.0052	0.0163	ND	ND	302.3240	1.6595	0.0045	29.8785
2	6072	6/30/2006	ND	0.0384	ND	69.0225	16.0434	ND	ND	0.0053	0.0134	ND	0.0298	307.5480	2.3340	0.0050	28.1030
3	6073	6/30/2006	ND	0.0785	ND	72.9631	39.5563	ND	ND	0.0062	0.0121	ND	ND	333.2510	3.1507	0.0287	32.3532
4	6074	6/30/2006	ND	0.0186	ND	49.7238	17.0219	ND	ND	0.0033	0.0118	ND	0.0118	232.6890	1.9662	0.0067	20.6076
5	6075	6/30/2006	ND	0.0671	ND	127.7729	300.5615	ND	ND	0.0028	0.0180	ND	0.0113	152.4630	6.5737	0.0634	55.8374
6	6076	6/30/2006	ND	0.0331	ND	139.2045	207.8699	0.0003	ND	0.0049	0.0137	ND	0.0372	286.8050	1.5674	0.0146	47.6621
7	6077	6/30/2006	ND	0.0344	ND	82.7327	34.5309	ND	ND	0.0049	0.0211	ND	ND	331.6690	0.7401	0.0070	24.2855
8	6078	6/30/2006	ND	0.1224	ND	93.5925	215.0850	ND	ND	0.0050	0.0112	ND	ND	357.8710	1.8735	0.0350	49.1649
9	6079	6/30/2006	ND	0.0225	ND	50.9635	16.2104	ND	ND	0.0037	0.0116	ND	ND	244.8310	1.0905	0.0093	19.3010
10	6080	6/30/2006	ND	0.0220	ND	55.5710	17.3800	ND	ND	0.0036	0.0163	ND	ND	253.7400	0.9917	0.0096	20.2913
11	6081	6/30/2006	ND	0.0287	ND	62.0587	13.3239	ND	ND	0.0040	0.0130	ND	ND	291.5510	1.5920	0.0037	28.2276
12	6082	6/30/2006	ND	0.0103	ND	44.5528	7.6735	ND	ND	0.0030	0.0124	ND	ND	206.4690	1.0830	ND	18.7696
13	6083	6/30/2006	ND	0.0075	ND	49.9406	1.2970	ND	ND	0.0024	0.0101	ND	ND	206.4430	0.3548	ND	10.9045
14	6084	6/30/2006	ND	0.0164	ND	50.6679	12.6736	ND	ND	0.0023	0.3490	ND	ND	143.5590	3.4869	0.0079	8.3136
15	6091	6/30/2006	ND	0.0108	ND	47.9617	5.6893	ND	ND	0.0016	0.0099	ND	ND	206.3340	0.7146	ND	20.3914
16	6115	7/21/2006	ND	0.0441	ND	37.8841	44.5716	ND	117.1020	0.0018	0.0185	ND	ND	200.7100	1.5394	0.0233	28.0455
17	6121	7/21/2006	ND	0.0389	ND	78.5173	19.0246	ND	ND	0.0032	0.0135	ND	ND	345.4920	1.3068	0.0143	23.5045
18	6192	8/22/2006	ND	0.0643	ND	97.0871	59.7423	ND	ND	ND	0.0178	ND	ND	369.8170	0.4162	0.0114	28.2840
19	6193	8/22/2006	ND	0.0333	ND	63.2188	14.1288	ND	ND	ND	0.0079	ND	ND	299.1710	1.4284	0.0039	28.6042
20	6251	9/18/2006	ND	0.1928	ND	29.9411	68.2375	ND	ND	ND	0.0248	ND	ND	310.0760	3.0607	0.0878	41.1243
Test Count that Exceeded Standard			0	0	0	0	3	0	0	0	1	0	0	20	0	0	0

ND - Not Detected

Irrigation Standards Continues			.2	.01	70;230	.2	5	10000	3;9	.02	151;451;13	.1	2
	Sample No	Tested Date	Mn mg/L	Mo mg/L	Na mg/L	Ni mg/L	Pb mg/L	PO4 mg/L	SAR meq/L	Se mg/L	TDS mg/L	V mg/L	Zn mg/L
1	6071	6/30/2006	0.0010	0.0008	12.9959	0.0009	ND	ND	0.3000	ND	327.0000	ND	0.0213
2	6072	6/30/2006	0.0025	0.0007	15.0811	0.0008	ND	ND	0.4000	ND	338.0000	ND	0.0718
3	6073	6/30/2006	0.0014	ND	38.6960	0.0030	ND	ND	0.9000	0.0058	452.0000	0.0056	0.0470
4	6074	6/30/2006	0.0185	0.0012	8.9859	ND	ND	ND	0.3000	ND	250.0000	0.0019	0.0177
5	6075	6/30/2006	0.0009	0.0009	31.7867	0.0014	ND	ND	0.6000	0.0040	671.0000	0.0106	0.0118
6	6076	6/30/2006	0.0028	ND	28.7426	0.0015	ND	ND	0.5000	0.0040	634.0000	0.0022	0.5560
7	6077	6/30/2006	0.0011	0.0011	15.5240	0.0011	ND	ND	0.4000	ND	361.0000	0.0023	0.3766
8	6078	6/30/2006	0.0024	0.0036	84.4832	0.0010	ND	ND	1.8000	ND	712.0000	0.0058	0.0218
9	6079	6/30/2006	0.0012	0.0009	10.0489	0.0007	ND	ND	0.3000	ND	245.0000	0.0019	0.0250
10	6080	6/30/2006	0.0011	0.0010	10.8425	0.0007	ND	ND	0.3000	ND	261.0000	0.0020	0.0037
11	6081	6/30/2006	0.0009	0.0008	15.1127	0.0008	ND	ND	0.4000	ND	319.0000	ND	0.0063
12	6082	6/30/2006	0.0008	0.0018	11.6179	ND	ND	ND	0.4000	ND	234.0000	ND	0.0034
13	6083	6/30/2006	0.0008	0.0005	2.0202	0.0007	ND	ND	0.1000	ND	190.0000	ND	0.0026
14	6084	6/30/2006	0.0034	0.0013	9.1837	0.0013	0.0020	ND	0.3000	ND	191.0000	ND	0.0370
15	6091	6/30/2006	0.0013	0.0012	6.0432	ND	0.0013	ND	0.2000	ND	242.0000	ND	0.3340
16	6115	7/21/2006	0.1406	ND	12.1405	0.0012	ND	ND	0.4000	ND	345.0000	ND	0.0091
17	6121	7/21/2006	ND	ND	16.8152	ND	ND	ND	0.4000	ND	348.0000	0.0046	0.2920
18	6192	8/22/2006	0.0003	0.0028	41.7148	0.0015	ND	ND	1.0000	ND	485.0000	ND	ND
19	6193	8/22/2006	0.0012	0.0007	13.7131	ND	ND	ND	0.4000	ND	331.0000	ND	0.0028
20	6251	9/18/2006	0.0003	0.0127	81.3528	ND	ND	ND	2.3000	ND	459.0000	0.0281	0.0352
Test Count that Exceeded Standard:			0	1	2	0	0	0	0	0	20	0	0

ND - Not Detected



Livestock:

Livestock Standards			5	0.2	5	.1	0.05	1	1	.5	2	10	100	.1	5.5-8.3	.05	167;333	1000;3000;	25
			Al	As	B	Be	Cd	Co	Cr	Cu	F	Hg	NO3	Pb	pH	Se	SO4	TDS	Zn
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	-	mg/L	mg/L	mg/L	mg/L
1	6071	6/30/2006	ND	ND	0.0346	ND	ND	ND	0.0052	0.0163	ND	ND	2.0384	ND	7.7000	ND	48.0134	327.0000	0.0213
2	6072	6/30/2006	ND	ND	0.0384	ND	ND	ND	0.0053	0.0134	ND	ND	1.9916	ND	7.5800	ND	47.5067	338.0000	0.0718
3	6073	6/30/2006	ND	0.0028	0.0785	ND	ND	ND	0.0062	0.0121	ND	ND	1.8620	ND	7.5200	0.0058	86.7969	452.0000	0.0470
4	6074	6/30/2006	ND	0.0024	0.0186	ND	ND	ND	0.0033	0.0118	ND	ND	ND	ND	7.7500	ND	29.4931	250.0000	0.0177
5	6075	6/30/2006	ND	0.0060	0.0671	ND	ND	ND	0.0028	0.0180	ND	ND	4.0334	ND	7.4700	0.0040	49.4759	671.0000	0.0118
6	6076	6/30/2006	ND	ND	0.0331	ND	ND	0.0003	0.0049	0.0137	ND	ND	6.0206	ND	7.3900	0.0040	55.3362	634.0000	0.5560
7	6077	6/30/2006	ND	ND	0.0344	ND	ND	ND	0.0049	0.0211	ND	ND	1.9680	ND	7.5500	ND	33.7675	361.0000	0.3766
8	6078	6/30/2006	ND	0.0038	0.1224	ND	ND	ND	0.0050	0.0112	ND	ND	1.3641	ND	7.5200	ND	79.9509	712.0000	0.0218
9	6079	6/30/2006	ND	ND	0.0225	ND	ND	ND	0.0037	0.0116	ND	ND	ND	ND	7.6500	ND	21.1528	245.0000	0.0250
10	6080	6/30/2006	ND	ND	0.0220	ND	ND	ND	0.0036	0.0163	ND	ND	ND	ND	7.6400	ND	25.0233	261.0000	0.0037
11	6081	6/30/2006	ND	ND	0.0287	ND	ND	ND	0.0040	0.0130	ND	ND	2.1059	ND	7.6900	ND	47.4846	319.0000	0.0063
12	6082	6/30/2006	ND	ND	0.0103	ND	ND	ND	0.0030	0.0124	ND	ND	1.2742	ND	7.8100	ND	42.0159	234.0000	0.0034
13	6083	6/30/2006	ND	ND	0.0075	ND	ND	ND	0.0024	0.0101	ND	ND	ND	ND	7.7100	ND	21.3780	190.0000	0.0026
14	6084	6/30/2006	ND	ND	0.0164	ND	ND	ND	0.0023	0.3490	ND	ND	11.8228	0.0020	6.7100	ND	13.4258	191.0000	0.0370
15	6091	6/30/2006	ND	ND	0.0108	ND	ND	ND	0.0016	0.0099	ND	ND	ND	0.0013	7.8000	ND	53.5102	242.0000	0.3340
16	6115	7/21/2006	ND	ND	0.0441	ND	ND	ND	0.0018	0.0185	ND	ND	ND	ND	7.5800	ND	2.9972	345.0000	0.0091
17	6121	7/21/2006	ND	0.0024	0.0389	ND	ND	ND	0.0032	0.0135	ND	ND	2.3171	ND	7.3800	ND	22.5358	348.0000	0.2920
18	6192	8/22/2006	ND	ND	0.0643	ND	ND	ND	ND	0.0178	ND	ND	2.5038	ND	7.5200	ND	64.4870	485.0000	ND
19	6193	8/22/2006	ND	ND	0.0333	ND	ND	ND	ND	0.0079	ND	ND	1.9403	ND	7.7900	ND	55.2097	331.0000	0.0028
20	6251	9/18/2006	ND	0.0264	0.1928	ND	ND	ND	ND	0.0248	ND	ND	0.1686	ND	7.9500	ND	62.2195	459.0000	0.0352
Test Count that Exceeded Standard			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ND - Not Detected



Culinary:

Drinking Water Primary Standards			0.01	2	0.004	1	0.005	25	0.1	1.3	4	2	10000	1000	10	.015	.05	500	2000
	Sample No	Tested Date	As mg/L	Ba mg/L	Be mg/L	Br mg/L	Cd mg/L	ClO4 ug/L	Cr mg/L	Cu mg/L	F mg/L	Hg ug/L	Na mg/L	Ni mg/L	NO3 mg/L	Pb mg/L	Se mg/L	SO4 mg/L	TDS mg/L
1	6071	6/30/2006	ND	0.1211	ND	ND	ND	ND	0.0052	0.0163	ND	ND	12.9959	0.0009	2.0384	ND	ND	48.0134	327.0000
2	6072	6/30/2006	ND	0.1557	ND	ND	ND	ND	0.0053	0.0134	ND	ND	15.0811	0.0008	1.9916	ND	ND	47.5067	338.0000
3	6073	6/30/2006	0.0028	0.0361	ND	ND	ND	ND	0.0062	0.0121	ND	ND	38.6960	0.0030	1.8620	ND	0.0058	86.7969	452.0000
4	6074	6/30/2006	0.0024	0.0678	ND	ND	ND	ND	0.0033	0.0118	ND	ND	8.9859	ND	ND	ND	ND	29.4931	250.0000
5	6075	6/30/2006	0.0060	0.2122	ND	1.1960	ND	ND	0.0028	0.0180	ND	ND	31.7867	0.0014	4.0334	ND	0.0040	49.4759	671.0000
6	6076	6/30/2006	ND	0.1077	ND	1.5182	ND	ND	0.0049	0.0137	ND	ND	28.7426	0.0015	6.0206	ND	0.0040	55.3362	634.0000
7	6077	6/30/2006	ND	0.0407	ND	ND	ND	ND	0.0049	0.0211	ND	ND	15.5240	0.0011	1.9680	ND	ND	33.7675	361.0000
8	6078	6/30/2006	0.0038	0.0547	ND	2.0528	ND	ND	0.0050	0.0112	ND	ND	84.4832	0.0010	1.3641	ND	ND	79.9509	712.0000
9	6079	6/30/2006	ND	0.0355	ND	ND	ND	ND	0.0037	0.0116	ND	ND	10.0489	0.0007	ND	ND	ND	21.1528	245.0000
10	6080	6/30/2006	ND	0.0369	ND	ND	ND	ND	0.0036	0.0163	ND	ND	10.8425	0.0007	ND	ND	ND	25.0233	261.0000
11	6081	6/30/2006	ND	0.1163	ND	ND	ND	ND	0.0040	0.0130	ND	ND	15.1127	0.0008	2.1059	ND	ND	47.4846	319.0000
12	6082	6/30/2006	ND	0.0812	ND	ND	ND	ND	0.0030	0.0124	ND	ND	11.6179	ND	1.2742	ND	ND	42.0159	234.0000
13	6083	6/30/2006	ND	0.0411	ND	ND	ND	ND	0.0024	0.0101	ND	ND	2.0202	0.0007	ND	ND	ND	21.3780	190.0000
14	6084	6/30/2006	ND	0.2543	ND	ND	ND	ND	0.0023	0.3490	ND	ND	9.1837	0.0013	11.8228	0.0020	ND	13.4258	191.0000
15	6091	6/30/2006	ND	0.0612	ND	ND	ND	ND	0.0016	0.0099	ND	ND	6.0432	ND	ND	0.0013	ND	53.5102	242.0000
16	6115	7/21/2006	ND	0.0889	ND	ND	ND	ND	0.0018	0.0185	ND	ND	12.1405	0.0012	ND	ND	ND	2.9972	345.0000
17	6121	7/21/2006	0.0024	0.1344	ND	ND	ND	ND	0.0032	0.0135	ND	ND	16.8152	ND	2.3171	ND	ND	22.5358	348.0000
18	6192	8/22/2006	ND	0.0867	ND	ND	ND	ND	ND	0.0178	ND	ND	41.7148	0.0015	2.5038	ND	ND	64.4870	485.0000
19	6193	8/22/2006	ND	0.1096	ND	ND	ND	ND	ND	0.0079	ND	ND	13.7131	ND	1.9403	ND	ND	55.2097	331.0000
20	6251	9/18/2006	0.0264	0.0551	ND	ND	ND	ND	ND	0.0248	ND	ND	81.3528	ND	0.1686	ND	ND	62.2195	459.0000
Test Count that Exceeded Standard			1	0	0	3	0	0	0	0	0	0	0	0	1	0	0	0	0

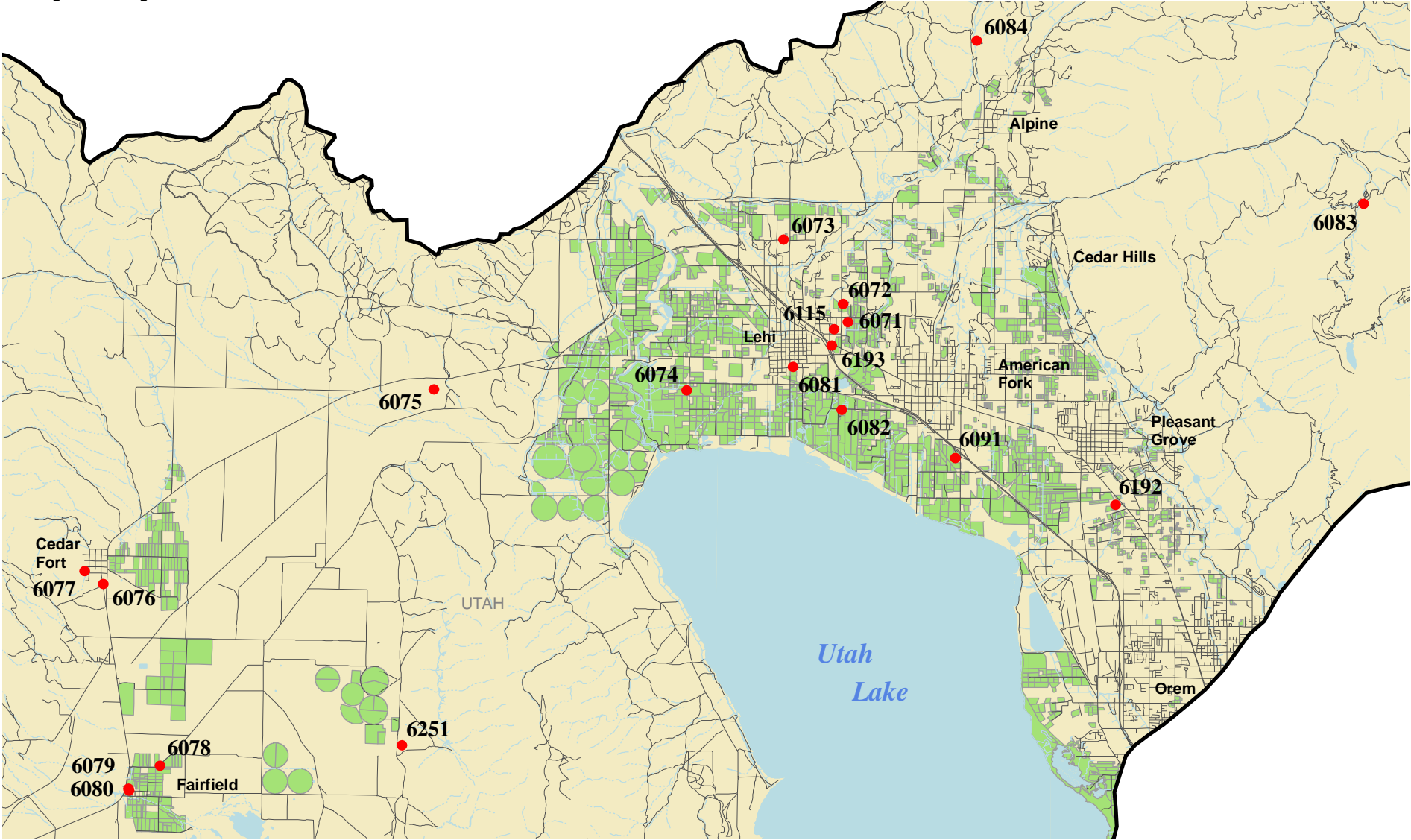
ND - Not Detected

Drinking Water Secondary Standards:			0.1	0.5	250	1	2	0.3	60;120;180	.05	6.5-8.5	1000	250	200	5
	Sample No	Tested Date	Ag mg/L	Al mg/L	Cl mg/L	Cu mg/L	F mg/L	Fe mg/L	Hardnes s	Mn mg/L	pH -	Si mg/L	SO4 mg/L	TDS mg/L	Zn mg/L
1	6071	6/30/2006	ND	ND	12.9302	0.0163	ND	ND	285.4000	0.0010	7.7000	5.4673	48.0134	327.0000	0.0213
2	6072	6/30/2006	ND	ND	16.0434	0.0134	ND	0.0298	288.3000	0.0025	7.5800	5.8791	47.5067	338.0000	0.0718
3	6073	6/30/2006	ND	ND	39.5563	0.0121	ND	ND	315.7000	0.0014	7.5200	12.2400	86.7969	452.0000	0.0470
4	6074	6/30/2006	ND	ND	17.0219	0.0118	ND	0.0118	209.2000	0.0185	7.7500	7.3987	29.4931	250.0000	0.0177
5	6075	6/30/2006	ND	ND	300.5615	0.0180	ND	0.0113	549.5000	0.0009	7.4700	20.3248	49.4759	671.0000	0.0118
6	6076	6/30/2006	ND	ND	207.8699	0.0137	ND	0.0372	544.4000	0.0028	7.3900	6.3382	55.3362	634.0000	0.5560
7	6077	6/30/2006	ND	ND	34.5309	0.0211	ND	ND	306.9000	0.0011	7.5500	3.7329	33.7675	361.0000	0.3766
8	6078	6/30/2006	ND	ND	215.0850	0.0112	ND	ND	436.5000	0.0024	7.5200	9.5967	79.9509	712.0000	0.0218
9	6079	6/30/2006	ND	ND	16.2104	0.0116	ND	ND	206.9000	0.0012	7.6500	5.3814	21.1528	245.0000	0.0250
10	6080	6/30/2006	ND	ND	17.3800	0.0163	ND	ND	222.5000	0.0011	7.6400	5.1823	25.0233	261.0000	0.0037
11	6081	6/30/2006	ND	ND	13.3239	0.0130	ND	ND	271.4000	0.0009	7.6900	5.6585	47.4846	319.0000	0.0063
12	6082	6/30/2006	ND	ND	7.6735	0.0124	ND	ND	188.7000	0.0008	7.8100	5.2005	42.0159	234.0000	0.0034
13	6083	6/30/2006	ND	ND	1.2970	0.0101	ND	ND	169.8000	0.0008	7.7100	2.1734	21.3780	190.0000	0.0026
14	6084	6/30/2006	ND	ND	12.6736	0.3490	ND	ND	160.9000	0.0034	6.7100	10.9273	13.4258	191.0000	0.0370
15	6091	6/30/2006	ND	ND	5.6893	0.0099	ND	ND	203.9000	0.0013	7.8000	5.1972	53.5102	242.0000	0.3340
16	6115	7/21/2006	ND	ND	44.5716	0.0185	ND	ND	210.3000	0.1406	7.5800	1.4366	2.9972	345.0000	0.0091
17	6121	7/21/2006	ND	ND	19.0246	0.0135	ND	ND	293.1000	ND	7.3800	13.1579	22.5358	348.0000	0.2920
18	6192	8/22/2006	ND	ND	59.7423	0.0178	ND	ND	359.2000	0.0003	7.5200	7.7105	64.4870	485.0000	ND
19	6193	8/22/2006	ND	ND	14.1288	0.0079	ND	ND	275.9000	0.0012	7.7900	5.2133	55.2097	331.0000	0.0028
20	6251	9/18/2006	ND	ND	68.2375	0.0248	ND	ND	244.3000	0.0003	7.9500	20.2730	62.2195	459.0000	0.0352
Test Count that Exceeded Standard:			0	0	1	0	0	0	20	1	0	0	0	18	0










ND - Not Detected



Map 11. Alpine District

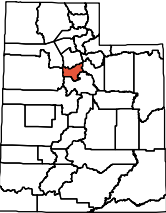


Map Scale 1:178,000 (1 inch = 2.7 miles)

- |   |                 |   |                     |
|---|-----------------|---|---------------------|
|  | Sample location |  | Intermittent stream |
|  | Road            |  | Water body          |
|  | Stream          |  | Irrigated cropland  |
|  | Ditch or canal  |  | SCD boundary        |
|  | Aqueduct        |   |                     |



District Location





	Sample No	Collected Date	Coliform	Ecoli	Temperatura	EC	TDS mg/L	SAR meq/L	Hardness mg/L	Sample Site	Site Condition	Well Head	Material	Casing Condition	Cullinary	Irrigation	Industrial	Landscape	Natural	Drainage	Other
1	6022	6/6/2006	ND	ND	50.9 F (10.5 C)	600	341.0	0.400	268.5	Well	Vegetated	Lawn	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	6023	6/6/2006	POS	ND	47.7 F (8.7 C)	419	229.0	0.100	216.9	Spring	Vegetated	Gravel	PVC	Open	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	6024	6/6/2006	ND	ND	48.6 F (9.2 C)	645	346.0	0.500	288.0	Well	Vegetated	Gravel	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	6025	6/6/2006	ND	ND	52.3 F (11.3 C)	319	186.0	0.200	152.0	Well	Gravel	Gravel	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	6026	6/6/2006	POS	POS	50.9 F (10.5 C)	190	107.0	0.200	84.00	Pond	Vegetated	Natural	Concrete	Open	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	6027	6/6/2006	ND	ND	49.6 F (9.8 C)	571	300.0	0.500	248.7	Well	Clean	Well House	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	6028	6/6/2006	ND	ND	55.4 F (13.0 C)	414	223.0	0.400	182.9	Well	Vegetated	Gravel	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	6029	6/6/2006	ND	ND	54.1 F (12.3 C)	367	207.0	0.300	181.9	Well	Vegetated	Lawn	PVC	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	6030	6/6/2006	ND	ND	53.6 F (12.0 C)	405	227.0	0.300	197.0	Well	Cobble	Soil	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	6031	6/6/2006	ND	ND	52.3 F (11.3 C)	479	257.0	0.400	211.3	Well	Gravel	Soil	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11	6032	6/6/2006	POS	ND	54.3 F (12.4 C)	916	471.0	47.50	3.000	Well	Vegetated	Lawn	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12	6033	6/6/2006	ND	ND	55.4 F (13.0 C)	396	221.0	0.500	159.6	Well	Cobble	Gravel	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13	6034	6/6/2006	ND	ND	48.4 F (9.1 C)	245	156.0	0.400	106.5	Well	Vegetated	Covered	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14	6051	6/13/2006	POS	ND	54.0 F (12.2 C)	338	194.0	0.600	124.4	Well	Vegetated	Natural	Steel	Open	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15	6128	7/19/2006	ND	ND	54.5 F (12.5 C)	445	254.0	0.200	230.5	Well	Vegetated	Natural	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16	6129	7/19/2006	ND	ND	50.5 F (10.3 C)	666	372.0	0.600	295.5	Well	Vegetated	Lawn	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17	6130	7/19/2006	POS	ND	55.6 F (13.1 C)	430	245.0	0.100	228.9	Well	Vegetated	Pit Concrete	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18	6131	7/19/2006	POS	ND	55.9 F (13.3 C)	399	225.0	0.100	208.7	Well	Vegetated	Pit Concrete	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19	6132	7/19/2006	POS	ND	51.6 F (10.9 C)	279	153.0	0.100	139.8	Spring	Vegetated	Pit Concrete	PVC	Cracked	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20	6133	7/19/2006	ND	ND	55.0 F (12.8 C)	1083	546.0	1.700	360.4	Well	Vegetated	Lawn	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21	6252	9/13/2006	POS	ND	42.8 F (6.0 C)	339	181.0	0.100	164.5	Spring	Loam	Pit Soil	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bacteria Positive Sample Count			8	1	ND - Not Detected																

**Irrigation:**

Irrigation Standards			5	0.5;1.0;2.0;	.1	100000	71,355	1	1000	1	0.2	1	5	73.2;152.5	10000	2.5	100000
	Sample No	Tested Date	Al mg/L	B mg/L	Be mg/L	Ca mg/L	Cl mg/L	Co mg/L	CO3 mg/L	Cr mg/L	Cu mg/L	F mg/L	Fe mg/L	HCO3 mg/L	K mg/L	Li mg/L	Mg mg/L
1	6022	6/12/2006	ND	0.0405	ND	68.7089	22.4832	0.0004	ND	0.0011	0.0082	ND	0.6670	225.3760	1.1862	0.0195	23.4779
2	6023	6/12/2006	ND	0.0267	ND	60.2774	3.6598	ND	ND	0.0015	0.0057	ND	0.0293	252.8310	0.6381	0.0056	16.0625
3	6024	6/12/2006	ND	0.0395	ND	78.4819	45.4678	ND	ND	0.0016	0.0094	ND	0.2501	280.0510	0.9703	0.0142	22.2685
4	6025	6/12/2006	ND	0.0185	ND	41.9180	3.6242	ND	ND	0.0011	0.0097	ND	0.0591	184.3590	2.7512	ND	11.4613
5	6026	6/12/2006	ND	0.0136	ND	24.4782	5.0393	ND	ND	ND	0.0083	ND	0.0462	95.3685	0.8984	ND	5.5419
6	6027	6/12/2006	ND	0.0161	ND	70.8451	41.5704	ND	ND	0.0014	0.0095	ND	0.4946	264.3690	1.2695	0.0039	17.3824
7	6028	6/12/2006	ND	0.0225	ND	53.0358	23.8451	ND	ND	0.0012	0.0904	ND	0.0730	197.2960	1.0279	0.0038	12.2090
8	6029	6/14/2006	ND	0.0173	ND	54.1468	9.7196	ND	ND	0.0013	0.0532	ND	0.0231	204.3780	1.2257	0.0039	11.2829
9	6030	6/15/2006	ND	0.0166	ND	54.1538	8.9309	ND	ND	0.0012	0.0159	ND	0.0215	231.8650	1.5231	0.0044	14.9640
10	6031	6/15/2006	ND	0.0299	ND	61.2308	35.1828	ND	ND	0.0010	0.0077	ND	0.1427	219.3140	1.0720	0.0064	14.1230
11	6032	6/15/2006	ND	0.0337	ND	0.7093	134.6025	ND	ND	0.0013	0.0574	ND	0.0277	252.8390	0.8789	0.0157	0.2912
12	6033	6/15/2006	ND	0.0229	ND	47.3682	17.1133	ND	ND	0.0011	0.0079	ND	0.0198	205.2420	1.5113	ND	9.9861
13	6034	6/15/2006	ND	0.0215	ND	30.5339	7.8129	ND	ND	ND	0.0211	ND	0.0243	139.3900	1.9396	ND	7.3177
14	6051	6/16/2006	ND	0.0281	ND	35.4082	27.6185	ND	ND	0.0015	0.0093	ND	ND	149.4910	4.1155	0.0051	8.6980
15	6128	7/21/2006	ND	0.0114	ND	68.4772	5.7965	ND	ND	0.0031	0.0108	ND	ND	293.8900	0.5900	ND	14.3999
16	6129	7/21/2006	ND	0.0399	ND	85.3569	38.4896	ND	ND	0.0025	0.0211	ND	ND	338.6400	2.2850	0.0125	19.9320
17	6130	7/21/2006	ND	0.0082	ND	61.8532	2.1000	ND	ND	0.0019	0.0202	ND	ND	255.6310	0.4451	ND	18.0140
18	6131	7/21/2006	ND	0.0072	ND	53.2246	1.7913	ND	ND	0.0017	0.0092	ND	ND	240.9700	0.6743	ND	18.3469
19	6132	7/21/2006	ND	0.0060	ND	34.1074	1.7058	ND	ND	0.0014	0.0085	ND	ND	180.5850	0.3652	ND	13.2368
20	6133	7/21/2006	ND	0.1600	ND	98.4163	93.2871	ND	ND	0.0027	0.0276	ND	ND	349.1000	6.9978	0.0532	27.7471
21	6252	9/18/2006	ND	0.0088	ND	42.6334	3.9652	ND	ND	ND	0.0215	ND	ND	176.1040	0.3060	ND	14.0517
Test Count that Exceeded Standard			0	0	0	0	2	0	0	0	0	0	0	21	0	0	0
ND - Not Detected																	



Irrigation Standards Continues			.2	.01	70;230	.2	5	10000	3;9	.02	151;451;13	.1	2
	Sample No	Tested Date	Mn mg/L	Mo mg/L	Na mg/L	Ni mg/L	Pb mg/L	PO4 mg/L	SAR meq/L	Se mg/L	TDS mg/L	V mg/L	Zn mg/L
1	6022	6/12/2006	0.2872	ND	14.4350	0.0016	ND	ND	0.4000	ND	341.0000	ND	0.1454
2	6023	6/12/2006	0.0010	ND	4.7668	ND	ND	ND	0.1000	ND	229.0000	ND	0.0032
3	6024	6/12/2006	0.2479	ND	20.9348	0.0007	ND	ND	0.5000	ND	346.0000	ND	0.0221
4	6025	6/12/2006	0.0015	ND	6.2708	ND	ND	ND	0.2000	ND	186.0000	0.0030	0.0080
5	6026	6/12/2006	0.0015	ND	3.9379	ND	ND	ND	0.2000	ND	107.0000	ND	0.0034
6	6027	6/12/2006	0.1787	ND	18.4687	0.0020	ND	ND	0.5000	ND	300.0000	ND	0.5325
7	6028	6/12/2006	0.0016	ND	12.6501	ND	ND	ND	0.4000	ND	223.0000	0.0029	0.0086
8	6029	6/14/2006	0.0010	0.0006	9.4590	ND	ND	ND	0.3000	ND	207.0000	0.0047	0.0401
9	6030	6/15/2006	0.0012	ND	9.2464	ND	ND	ND	0.3000	ND	227.0000	0.0028	0.0131
10	6031	6/15/2006	0.0219	ND	14.5591	ND	ND	ND	0.4000	ND	257.0000	0.0027	0.1327
11	6032	6/15/2006	0.0009	ND	188.0757	ND	ND	ND	47.5000	ND	471.0000	0.0043	0.0156
12	6033	6/15/2006	0.0012	ND	13.2299	ND	ND	ND	0.5000	ND	221.0000	0.0059	0.0119
13	6034	6/15/2006	0.0008	ND	9.6050	ND	ND	ND	0.4000	ND	156.0000	0.0032	0.0420
14	6051	6/16/2006	0.0011	ND	14.1226	ND	ND	ND	0.6000	ND	194.0000	0.0030	0.0216
15	6128	7/21/2006	ND	ND	5.7742	ND	ND	ND	0.2000	ND	254.0000	ND	0.0319
16	6129	7/21/2006	0.0131	0.0007	23.3122	0.0010	ND	ND	0.6000	ND	372.0000	0.0089	0.0346
17	6130	7/21/2006	0.0391	ND	2.2600	0.0007	ND	ND	0.1000	ND	245.0000	ND	1.0520
18	6131	7/21/2006	0.0009	ND	2.2672	ND	ND	ND	0.1000	ND	225.0000	ND	0.4458
19	6132	7/21/2006	ND	ND	1.8309	ND	ND	ND	0.1000	ND	153.0000	ND	0.0054
20	6133	7/21/2006	0.0006	ND	73.1388	0.0007	ND	ND	1.7000	ND	546.0000	0.0045	0.1947
21	6252	9/18/2006	ND	ND	3.0978	ND	ND	ND	0.1000	ND	181.0000	ND	0.0087
Test Count that Exceeded Standard:			2	0	2	0	0	0	1	0	20	0	0

ND - Not Detected



**Livestock:**

Livestock Standards			5	0.2	5	.1	0.05	1	1	.5	2	10	100	.1	5.5-8.3	.05	167;333	1000;3000;	25
	Sample No	Tested Date	Al mg/L	As mg/L	B mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	F mg/L	Hg ug/L	NO3 mg/L	Pb mg/L	pH -	Se mg/L	SO4 mg/L	TDS mg/L	Zn mg/L
1	6022	6/12/2006	ND	ND	0.0405	ND	ND	0.0004	0.0011	0.0082	ND	ND	1.9045	ND	7.5200	ND	91.6180	341.0000	0.1454
2	6023	6/12/2006	ND	ND	0.0267	ND	ND	ND	0.0015	0.0057	ND	ND	2.0663	ND	7.7900	ND	11.9888	229.0000	0.0032
3	6024	6/12/2006	ND	ND	0.0395	ND	ND	ND	0.0016	0.0094	ND	ND	1.7655	ND	7.6400	ND	31.9287	346.0000	0.0221
4	6025	6/12/2006	ND	0.0020	0.0185	ND	ND	ND	0.0011	0.0097	ND	ND	2.7510	ND	7.7100	ND	9.2968	186.0000	0.0080
5	6026	6/12/2006	ND	ND	0.0136	ND	ND	ND	ND	0.0083	ND	ND	2.5172	ND	6.7200	ND	8.7863	107.0000	0.0034
6	6027	6/12/2006	ND	ND	0.0161	ND	ND	ND	0.0014	0.0095	ND	ND	1.9822	ND	7.5200	ND	10.6263	300.0000	0.5325
7	6028	6/12/2006	ND	0.0021	0.0225	ND	ND	ND	0.0012	0.0904	ND	ND	2.6164	ND	7.3100	ND	12.1323	223.0000	0.0086
8	6029	6/14/2006	ND	0.0039	0.0173	ND	ND	ND	0.0013	0.0532	ND	ND	2.4470	ND	7.4200	ND	10.6605	207.0000	0.0401
9	6030	6/15/2006	ND	0.0022	0.0166	ND	ND	ND	0.0012	0.0159	ND	ND	2.8538	ND	7.7300	ND	10.1831	227.0000	0.0131
10	6031	6/15/2006	ND	0.0023	0.0299	ND	ND	ND	0.0010	0.0077	ND	ND	2.8000	ND	7.4300	ND	10.0548	257.0000	0.1327
11	6032	6/15/2006	ND	ND	0.0337	ND	ND	ND	0.0013	0.0574	ND	ND	ND	ND	7.3400	ND	2.7277	471.0000	0.0156
12	6033	6/15/2006	ND	ND	0.0229	ND	ND	ND	0.0011	0.0079	ND	ND	2.5237	ND	7.5000	ND	8.6298	221.0000	0.0119
13	6034	6/15/2006	ND	ND	0.0215	ND	ND	ND	ND	0.0211	ND	ND	1.9905	ND	7.2900	ND	8.3766	156.0000	0.0420
14	6051	6/16/2006	ND	ND	0.0281	ND	ND	ND	0.0015	0.0093	ND	ND	ND	ND	7.4700	ND	6.2673	194.0000	0.0216
15	6128	7/21/2006	ND	ND	0.0114	ND	ND	ND	0.0031	0.0108	ND	ND	0.4563	ND	7.6800	ND	6.9330	254.0000	0.0319
16	6129	7/21/2006	ND	0.0035	0.0399	ND	ND	ND	0.0025	0.0211	ND	ND	0.2188	ND	7.6300	ND	16.4629	372.0000	0.0346
17	6130	7/21/2006	ND	ND	0.0082	ND	ND	ND	0.0019	0.0202	ND	ND	ND	ND	7.6400	ND	31.8342	245.0000	1.0520
18	6131	7/21/2006	ND	ND	0.0072	ND	ND	ND	0.0017	0.0092	ND	ND	0.2934	ND	7.7100	ND	25.5169	225.0000	0.4458
19	6132	7/21/2006	ND	ND	0.0060	ND	ND	ND	0.0014	0.0085	ND	ND	0.1607	ND	7.9100	ND	9.4681	153.0000	0.0054
20	6133	7/21/2006	ND	0.0029	0.1600	ND	ND	ND	0.0027	0.0276	ND	ND	2.2535	ND	7.5700	ND	51.2834	546.0000	0.1947
21	6252	9/18/2006	ND	ND	0.0088	ND	ND	ND	ND	0.0215	ND	ND	0.2326	ND	7.6900	ND	26.6629	181.0000	0.0087
Test Count that Exceeded Standard			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ND - Not Detected

**Culinary:**

Drinking Water Primary Standards			0.01 As mg/L	2 Ba mg/L	0.004 Be mg/L	1 Br mg/L	0.005 Cd mg/L	25 ClO4 ug/L	0.1 Cr mg/L	1.3 Cu mg/L	4 F mg/L	2 Hg ug/L	10000 Na mg/L	1000 Ni mg/L	10 NO3 mg/L	.015 Pb mg/L	.05 Se mg/L	500 SO4 mg/L	2000 TDS mg/L
	Sample No	Tested Date																	
1	6022	6/12/2006	ND	0.0463	ND	ND	ND	ND	0.0011	0.0082	ND	ND	14.4350	0.0016	1.9045	ND	ND	91.6180	341.0000
2	6023	6/12/2006	ND	0.0322	ND	ND	ND	ND	0.0015	0.0057	ND	ND	4.7668	ND	2.0663	ND	ND	11.9888	229.0000
3	6024	6/12/2006	ND	0.0739	ND	ND	ND	ND	0.0016	0.0094	ND	ND	20.9348	0.0007	1.7655	ND	ND	31.9287	346.0000
4	6025	6/12/2006	0.0020	0.1217	ND	ND	ND	ND	0.0011	0.0097	ND	ND	6.2708	ND	2.7510	ND	ND	9.2968	186.0000
5	6026	6/12/2006	ND	0.0378	ND	ND	ND	ND	ND	0.0083	ND	ND	3.9379	ND	2.5172	ND	ND	8.7863	107.0000
6	6027	6/12/2006	ND	0.1005	ND	ND	ND	ND	0.0014	0.0095	ND	ND	18.4687	0.0020	1.9822	ND	ND	10.6263	300.0000
7	6028	6/12/2006	0.0021	0.0767	ND	ND	ND	ND	0.0012	0.0904	ND	ND	12.6501	ND	2.6164	ND	ND	12.1323	223.0000
8	6029	6/14/2006	0.0039	0.0403	ND	ND	ND	ND	0.0013	0.0532	ND	ND	9.4590	ND	2.4470	ND	ND	10.6605	207.0000
9	6030	6/15/2006	0.0022	0.0882	ND	ND	ND	ND	0.0012	0.0159	ND	ND	9.2464	ND	2.8538	ND	ND	10.1831	227.0000
10	6031	6/15/2006	0.0023	0.0763	ND	ND	ND	ND	0.0010	0.0077	ND	ND	14.5591	ND	2.8000	ND	ND	10.0548	257.0000
11	6032	6/15/2006	ND	0.0024	ND	ND	ND	ND	0.0013	0.0574	ND	ND	188.0757	ND	ND	ND	ND	2.7277	471.0000
12	6033	6/15/2006	ND	0.0507	ND	ND	ND	ND	0.0011	0.0079	ND	ND	13.2299	ND	2.5237	ND	ND	8.6298	221.0000
13	6034	6/15/2006	ND	0.0394	ND	ND	ND	ND	ND	0.0211	ND	ND	9.6050	ND	1.9905	ND	ND	8.3766	156.0000
14	6051	6/16/2006	ND	0.1119	ND	ND	ND	ND	0.0015	0.0093	ND	ND	14.1226	ND	ND	ND	ND	6.2673	194.0000
15	6128	7/21/2006	ND	0.0586	ND	ND	ND	ND	0.0031	0.0108	ND	ND	5.7742	ND	0.4563	ND	ND	6.9330	254.0000
16	6129	7/21/2006	0.0035	0.0990	ND	ND	ND	ND	0.0025	0.0211	ND	ND	23.3122	0.0010	0.2188	ND	ND	16.4629	372.0000
17	6130	7/21/2006	ND	0.0734	ND	ND	ND	ND	0.0019	0.0202	ND	ND	2.2600	0.0007	ND	ND	ND	31.8342	245.0000
18	6131	7/21/2006	ND	0.0610	ND	ND	ND	ND	0.0017	0.0092	ND	ND	2.2672	ND	0.2934	ND	ND	25.5169	225.0000
19	6132	7/21/2006	ND	0.0507	ND	ND	ND	ND	0.0014	0.0085	ND	ND	1.8309	ND	0.1607	ND	ND	9.4681	153.0000
20	6133	7/21/2006	0.0029	0.0708	ND	ND	ND	ND	0.0027	0.0276	ND	ND	73.1388	0.0007	2.2535	ND	ND	51.2834	546.0000
21	6252	9/18/2006	ND	0.0273	ND	ND	ND	ND	ND	0.0215	ND	ND	3.0978	ND	0.2326	ND	ND	26.6629	181.0000
Test Count that Exceeded Standard			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ND - Not Detected

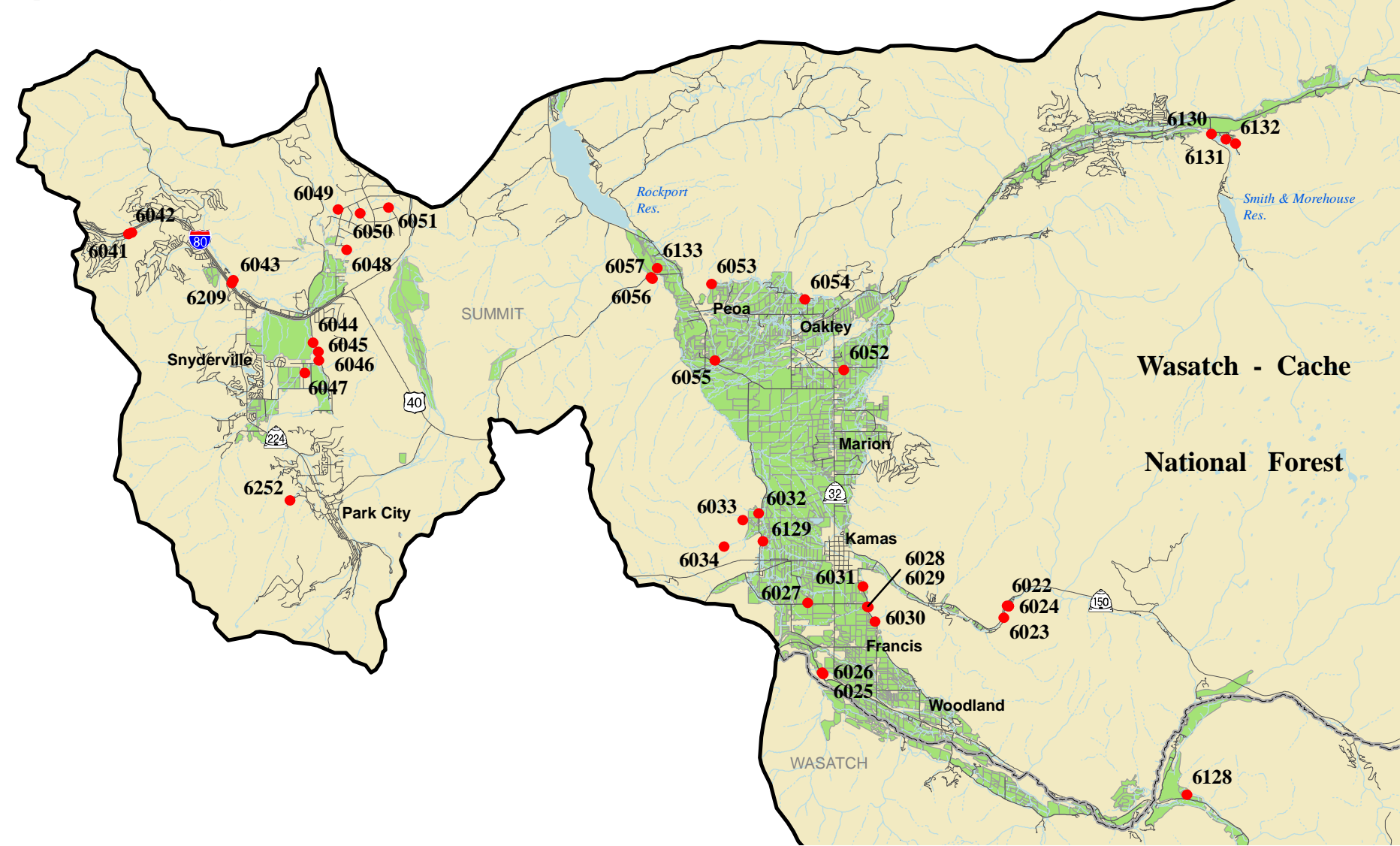


Drinking Water Secondary Standards:			0.1	0.5	250	1	2	0.3	60;120;180	.05	6.5-8.5	1000	250	200	5
	Sample No	Tested Date	Ag mg/L	Al mg/L	Cl mg/L	Cu mg/L	F mg/L	Fe mg/L	Hardnes s	Mn mg/L	pH -	Si mg/L	SO4 mg/L	TDS mg/L	Zn mg/L
1	6022	6/12/2006	ND	ND	22.4832	0.0082	ND	0.6670	268.5000	0.2872	7.5200	6.0847	91.6180	341.0000	0.1454
2	6023	6/12/2006	ND	ND	3.6598	0.0057	ND	0.0293	216.9000	0.0010	7.7900	4.8055	11.9888	229.0000	0.0032
3	6024	6/12/2006	ND	ND	45.4678	0.0094	ND	0.2501	288.0000	0.2479	7.6400	5.9130	31.9287	346.0000	0.0221
4	6025	6/12/2006	ND	ND	3.6242	0.0097	ND	0.0591	152.0000	0.0015	7.7100	17.2325	9.2968	186.0000	0.0080
5	6026	6/12/2006	ND	ND	5.0393	0.0083	ND	0.0462	84.0000	0.0015	6.7200	9.5482	8.7863	107.0000	0.0034
6	6027	6/12/2006	ND	ND	41.5704	0.0095	ND	0.4946	248.7000	0.1787	7.5200	7.9316	10.6263	300.0000	0.5325
7	6028	6/12/2006	ND	ND	23.8451	0.0904	ND	0.0730	182.9000	0.0016	7.3100	8.0923	12.1323	223.0000	0.0086
8	6029	6/14/2006	ND	ND	9.7196	0.0532	ND	0.0231	181.9000	0.0010	7.4200	7.1931	10.6605	207.0000	0.0401
9	6030	6/15/2006	ND	ND	8.9309	0.0159	ND	0.0215	197.0000	0.0012	7.7300	11.2785	10.1831	227.0000	0.0131
10	6031	6/15/2006	ND	ND	35.1828	0.0077	ND	0.1427	211.3000	0.0219	7.4300	9.6641	10.0548	257.0000	0.1327
11	6032	6/15/2006	ND	ND	134.6025	0.0574	ND	0.0277	3.0000	0.0009	7.3400	18.6433	2.7277	471.0000	0.0156
12	6033	6/15/2006	ND	ND	17.1133	0.0079	ND	0.0198	159.6000	0.0012	7.5000	19.5745	8.6298	221.0000	0.0119
13	6034	6/15/2006	ND	ND	7.8129	0.0211	ND	0.0243	106.5000	0.0008	7.2900	19.5540	8.3766	156.0000	0.0420
14	6051	6/16/2006	ND	ND	27.6185	0.0093	ND	ND	124.4000	0.0011	7.4700	23.7846	6.2673	194.0000	0.0216
15	6128	7/21/2006	ND	ND	5.7965	0.0108	ND	ND	230.5000	ND	7.6800	6.7505	6.9330	254.0000	0.0319
16	6129	7/21/2006	ND	ND	38.4896	0.0211	ND	ND	295.5000	0.0131	7.6300	18.8435	16.4629	372.0000	0.0346
17	6130	7/21/2006	ND	ND	2.1000	0.0202	ND	ND	228.9000	0.0391	7.6400	2.7837	31.8342	245.0000	1.0520
18	6131	7/21/2006	ND	ND	1.7913	0.0092	ND	ND	208.7000	0.0009	7.7100	3.7728	25.5169	225.0000	0.4458
19	6132	7/21/2006	ND	ND	1.7058	0.0085	ND	ND	139.8000	ND	7.9100	3.0085	9.4681	153.0000	0.0054
20	6133	7/21/2006	ND	ND	93.2871	0.0276	ND	ND	360.4000	0.0006	7.5700	20.9390	51.2834	546.0000	0.1947
21	6252	9/18/2006	ND	ND	3.9652	0.0215	ND	ND	164.5000	ND	7.6900	3.0503	26.6629	181.0000	0.0087
Test Count that Exceeded Standard:			0	0	0	0	0	2	20	3	0	0	0	15	0

ND - Not Detected



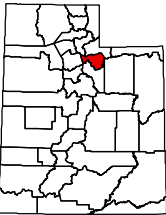
Map 12. Kamas Valley District



Map Scale 1:215,000 (1 inch = 3.4 miles)



District Location



## Summit District

**General:**

## General Sample Information

	Sample No	Collected Date	Coliform	Ecoli	Temperatura	EC	TDS mg/L	SAR meq/L	Hardness mg/L	Sample Site	Site Condition	Well Head	Material	Casing Condition	Cullinary	Irrigation	Industrial	Landscape	Natural	Drainage	Other
1	6041	6/13/2006	POS	ND	57.0 F (13.9 C)	6930	2811.	3.600	1849.	Well	Gravel	Gravel	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	6042	6/13/2006	ND	ND	51.6 F (10.9 C)	4350	1687.	0.900	1423.	Well	Gravel	Gravel	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	6043	6/13/2006	ND	ND	63.5 F (17.5 C)	1555	799.0	0.800	664.6	Well	Gravel	Soil	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	6044	6/13/2006	ND	ND	51.1 F (10.6 C)	1665	1059.	4.600	405.1	Well	Vegetated	Lawn	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	6045	6/13/2006	ND	ND	52.2 F (11.2 C)	632	357.0	4.600	90.20	Well	Gravel	Gravel	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	6046	6/13/2006	ND	ND	53.1 F (11.7 C)	616	348.0	2.000	169.0	Well	Vegetated	Lawn	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	6047	6/13/2006	POS	ND	51.6 F (10.9 C)	669	385.0	0.200	326.3	Well	Vegetated	Lawn	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	6048	6/13/2006	ND	ND	51.3 F (10.7 C)	547	305.0	0.600	238.3	Well	Vegetated	Lawn	Steel	Open	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	6049	6/13/2006	POS	ND	54.3 F (12.4 C)	372	211.0	0.800	143.6	Well	Gravel	Gravel	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	6050	6/13/2006	ND	ND	51.3 F (10.7 C)	586	314.0	0.800	220.5	Well	Vegetated	Natural	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11	6052	6/13/2006	ND	ND	51.6 F (10.9 C)	391	213.0	0.200	189.5	Well	Loam	Soil	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12	6053	6/13/2006	POS	ND	53.1 F (11.7 C)	515	312.0	0.500	238.2	Well	Loam	Soil	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13	6054	6/13/2006	POS	ND	51.3 F (10.7 C)	485	271.0	0.500	204.9	Well	Vegetated	Soil	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14	6055	6/13/2006	ND	ND	51.6 F (10.9 C)	488	272.0	0.400	225.7	Well	Gravel	Soil	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15	6056	6/13/2006	POS	ND	52.2 F (11.2 C)	343	197.0	0.400	147.8	Well	Gravel	Gravel	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16	6057	6/13/2006	ND	ND	52.9 F (11.6 C)	491	281.0	0.500	208.8	Well	Vegetated	Well House	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17	6059	6/13/2006	ND	ND	51.6 F (10.9 C)	847	446.0	0.600	364.7	Well	Vegetated	Covered	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18	6060	6/13/2006	ND	ND	58.3 F (14.6 C)	1262	659.0	1.200	476.1	Well	Loam	Soil	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19	6134	7/19/2006	POS	ND	56.8 F (13.8 C)	473	265.0	0.600	197.1	Well	Vegetated	Pit Concrete	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20	6209	8/23/2006	POS	ND	57.7 F (14.3 C)	5390	2085.	4.000	1355.	Well	Cobble	Soil	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21	6211	8/23/2006	ND	ND	55.0 F (12.8 C)	727	395.0	0.700	304.4	Well	Vegetated	Natural	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22	6213	8/23/2006	ND	ND	52.2 F (11.2 C)	532	302.0	0.100	269.3	Spring	Vegetated	Covered	PVC	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bacteria Positive Sample Count			8	0	ND - Not Detected																



**Irrigation:**

Irrigation Standards			5	0.5;1.0;2.0;	.1	100000	71;355	1	1000	1	0.2	1	5	73.2;152.5	10000	2.5	100000
			Al	B	Be	Ca	Cl	Co	CO3	Cr	Cu	F	Fe	HCO3	K	Li	Mg
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
1	6041	6/16/2006	ND	0.0371	ND	607.1251	1547.4740	0.0008	ND	0.0027	0.0721	ND	0.0214	334.3180	3.0635	0.0346	80.4316
2	6042	6/16/2006	ND	0.0345	ND	499.2943	863.2900	0.0007	ND	0.0029	0.0212	ND	0.1872	333.7690	1.7640	0.0151	42.5132
3	6043	6/16/2006	ND	0.0400	ND	189.7118	358.9150	0.0003	ND	0.0025	0.0123	ND	0.0555	257.3390	1.7235	0.0216	46.1901
4	6044	6/16/2006	ND	0.1489	ND	101.8454	44.5693	ND	ND	0.0013	0.0069	ND	0.1127	197.7010	3.8049	0.0508	36.5338
5	6045	6/16/2006	ND	1.3150	ND	14.1209	21.5035	ND	ND	0.0015	0.0066	1.1254	0.0224	238.6000	2.6451	0.0896	13.3224
6	6046	6/16/2006	ND	0.4802	ND	34.5078	32.4286	ND	ND	0.0017	0.0058	ND	0.5080	226.0200	5.5789	0.0835	20.0867
7	6047	6/16/2006	ND	0.0346	ND	93.2425	35.2627	ND	ND	0.0015	0.0105	ND	0.0527	205.8830	0.9535	ND	22.6234
8	6048	6/16/2006	ND	0.0347	ND	70.9650	36.2769	ND	ND	0.0045	0.0088	ND	0.0345	265.8830	1.4348	0.0196	14.7742
9	6049	6/16/2006	ND	0.0266	ND	43.2687	23.5815	ND	ND	0.0011	0.0118	ND	0.0395	175.6810	1.4417	0.0111	8.6091
10	6050	6/16/2006	ND	0.0280	ND	65.3334	64.3852	ND	ND	0.0019	0.0224	ND	0.0149	204.3500	0.7709	0.0182	13.8654
11	6052	6/16/2006	ND	0.0115	ND	57.9136	7.3419	ND	ND	0.0016	0.0137	ND	ND	233.0430	0.9766	ND	10.8646
12	6053	6/16/2006	ND	0.0373	ND	75.2281	7.8939	ND	ND	0.0015	0.0097	ND	ND	316.8370	2.0812	0.0127	12.1561
13	6054	6/16/2006	ND	0.0377	ND	60.0792	29.7083	ND	ND	0.0016	0.0103	ND	0.0120	234.7050	2.1047	0.0126	13.2675
14	6055	6/16/2006	ND	0.0310	ND	61.9743	3.1337	ND	ND	0.0016	0.0083	ND	ND	305.4300	1.1480	0.0071	17.1702
15	6056	6/16/2006	ND	0.0249	ND	43.9069	11.6375	ND	ND	0.0009	0.0081	ND	0.0179	195.3880	3.0690	0.0059	9.2241
16	6057	6/16/2006	ND	0.0332	ND	63.1944	26.1948	ND	ND	0.0012	0.0081	ND	ND	253.8740	5.3709	0.0111	12.3389
17	6059	6/16/2006	ND	0.0558	ND	116.5677	46.1129	ND	ND	0.0024	0.0147	ND	0.0230	401.7580	1.8846	0.0161	17.7759
18	6060	6/16/2006	ND	0.0797	ND	132.9927	222.5010	0.0003	ND	0.0023	0.0069	ND	ND	282.3500	2.9294	0.0450	34.8570
19	6134	7/21/2006	ND	0.0238	ND	56.1519	19.4908	ND	ND	0.0020	0.0131	ND	ND	274.1800	2.1680	0.0191	13.7627
20	6209	8/28/2006	ND	0.0428	ND	439.6300	1050.2040	ND	ND	0.0011	0.0175	ND	0.0115	313.0590	3.1060	0.0232	62.2005
21	6211	8/28/2006	ND	0.0562	ND	76.9272	69.2688	ND	ND	0.0010	0.0115	ND	ND	335.5210	1.1798	0.0145	27.2059
22	6213	8/28/2006	ND	0.0186	ND	68.6309	10.7959	ND	ND	0.0005	0.0173	ND	ND	367.3830	0.7695	0.0036	23.7280
Test Count that Exceeded Standard			0	1	0	0	5	0	0	0	0	1	0	22	0	0	0

ND - Not Detected



Irrigation Standards Continues			.2	.01	70:230	.2	5	10000	3:9	.02	151;451;13	.1	2
	Sample No	Tested Date	Mn mg/L	Mo mg/L	Na mg/L	Ni mg/L	Pb mg/L	PO4 mg/L	SAR meq/L	Se mg/L	TDS mg/L	V mg/L	Zn mg/L
1	6041	6/16/2006	0.0019	ND	355.5982	0.0042	0.0050	ND	3.6000	ND	2811.0000	ND	0.0724
2	6042	6/16/2006	0.0420	ND	76.0231	0.0026	ND	ND	0.9000	ND	1687.0000	ND	0.0088
3	6043	6/16/2006	0.0159	ND	44.8945	0.0021	ND	ND	0.8000	ND	799.0000	ND	0.1295
4	6044	6/16/2006	0.0076	0.0071	213.8464	ND	ND	ND	4.6000	ND	1059.0000	0.0031	0.0440
5	6045	6/16/2006	0.0021	0.0025	99.9137	ND	ND	ND	4.6000	ND	357.0000	ND	0.0593
6	6046	6/16/2006	0.0188	0.0017	60.9592	ND	ND	ND	2.0000	ND	348.0000	ND	0.0117
7	6047	6/16/2006	0.0038	ND	9.1968	ND	ND	ND	0.2000	ND	385.0000	ND	0.0140
8	6048	6/16/2006	0.0035	0.0005	20.1210	ND	ND	ND	0.6000	ND	305.0000	0.0072	0.1543
9	6049	6/16/2006	0.0043	ND	20.6900	ND	ND	ND	0.8000	ND	211.0000	0.0028	0.0113
10	6050	6/16/2006	0.0009	ND	27.0383	ND	ND	ND	0.8000	ND	314.0000	0.0048	0.0103
11	6052	6/16/2006	0.0013	ND	5.5769	ND	ND	ND	0.2000	ND	213.0000	ND	0.0342
12	6053	6/16/2006	0.0008	0.0007	18.8796	ND	ND	ND	0.5000	ND	312.0000	0.0088	0.0338
13	6054	6/16/2006	0.0010	ND	15.2643	ND	ND	ND	0.5000	ND	271.0000	0.0052	0.0177
14	6055	6/16/2006	0.0011	ND	13.5689	ND	ND	ND	0.4000	ND	272.0000	0.0038	0.1117
15	6056	6/16/2006	0.0014	0.0005	10.5012	ND	ND	ND	0.4000	ND	197.0000	0.0046	0.0129
16	6057	6/16/2006	0.0011	ND	15.1811	ND	ND	ND	0.5000	ND	281.0000	0.0046	0.0094
17	6059	6/16/2006	0.0024	ND	28.4454	0.0009	ND	ND	0.6000	ND	446.0000	0.0034	0.0533
18	6060	6/16/2006	0.0013	0.0005	57.6983	0.0008	ND	ND	1.2000	ND	659.0000	0.0074	0.0110
19	6134	7/21/2006	0.0021	0.0006	20.9123	ND	ND	ND	0.6000	ND	265.0000	ND	0.0508
20	6209	8/28/2006	0.0013	ND	339.0478	0.0014	ND	ND	4.0000	ND	2085.0000	ND	0.0096
21	6211	8/28/2006	0.0009	ND	29.9984	ND	ND	ND	0.7000	ND	395.0000	0.0036	0.0272
22	6213	8/28/2006	0.0006	ND	3.9168	ND	ND	ND	0.1000	ND	302.0000	ND	0.0192
Test Count that Exceeded Standard:			0	0	5	0	0	0	4	0	22	0	0

**Livestock:**

Livestock Standards			5	0.2	5	.1	0.05	1	1	.5	2	10	100	.1	5.5-8.3	.05	167,333	1000;3000;	25
	Sample No	Tested Date	Al mg/L	As mg/L	B mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	F mg/L	Hg ug/L	NO3 mg/L	Pb mg/L	pH -	Se mg/L	SO4 mg/L	TDS mg/L	Zn mg/L
1	6041	6/16/2006	ND	ND	0.0371	ND	ND	0.0008	0.0027	0.0721	ND	ND	1.3634	0.0050	7.1400	ND	42.3470	2811.0000	0.0724
2	6042	6/16/2006	ND	ND	0.0345	ND	ND	0.0007	0.0029	0.0212	ND	ND	3.7693	ND	7.1300	ND	28.1907	1687.0000	0.0088
3	6043	6/16/2006	ND	ND	0.0400	ND	ND	0.0003	0.0025	0.0123	ND	ND	2.5138	ND	7.3800	ND	20.6112	799.0000	0.1295
4	6044	6/16/2006	ND	0.0101	0.1489	ND	ND	ND	0.0013	0.0069	ND	ND	0.7638	ND	7.6400	ND	549.5440	1059.0000	0.0440
5	6045	6/16/2006	ND	ND	1.3150	ND	ND	ND	0.0015	0.0066	1.1254	ND	ND	ND	8.1200	ND	82.7949	357.0000	0.0593
6	6046	6/16/2006	ND	0.0112	0.4802	ND	ND	ND	0.0017	0.0058	ND	ND	ND	ND	7.9300	ND	77.9921	348.0000	0.0117
7	6047	6/16/2006	ND	ND	0.0346	ND	ND	ND	0.0015	0.0105	ND	ND	0.7773	ND	7.3900	ND	114.7925	385.0000	0.0140
8	6048	6/16/2006	ND	0.0020	0.0347	ND	ND	ND	0.0045	0.0088	ND	ND	0.6747	ND	7.6600	ND	9.6116	305.0000	0.1543
9	6049	6/16/2006	ND	ND	0.0266	ND	ND	ND	0.0011	0.0118	ND	ND	1.0757	ND	6.9400	ND	12.0907	211.0000	0.0113
10	6050	6/16/2006	ND	0.0020	0.0280	ND	ND	ND	0.0019	0.0224	ND	ND	0.9895	ND	7.1900	ND	24.4480	314.0000	0.0103
11	6052	6/16/2006	ND	ND	0.0115	ND	ND	ND	0.0016	0.0137	ND	ND	0.7470	ND	7.7000	ND	12.0010	213.0000	0.0342
12	6053	6/16/2006	ND	0.0058	0.0373	ND	ND	ND	0.0015	0.0097	ND	ND	0.9185	ND	7.6000	ND	13.6417	312.0000	0.0338
13	6054	6/16/2006	ND	0.0024	0.0377	ND	ND	ND	0.0016	0.0103	ND	ND	0.8819	ND	7.4600	ND	10.3087	271.0000	0.0177
14	6055	6/16/2006	ND	0.0021	0.0310	ND	ND	ND	0.0016	0.0083	ND	ND	0.7315	ND	7.9000	ND	13.1861	272.0000	0.1117
15	6056	6/16/2006	ND	ND	0.0249	ND	ND	ND	0.0009	0.0081	ND	ND	ND	ND	7.8700	ND	8.6523	197.0000	0.0129
16	6057	6/16/2006	ND	0.0028	0.0332	ND	ND	ND	0.0012	0.0081	ND	ND	ND	ND	7.6200	ND	12.3691	281.0000	0.0094
17	6059	6/16/2006	ND	0.0019	0.0558	ND	ND	ND	0.0024	0.0147	ND	ND	6.4338	ND	7.5000	ND	20.7649	446.0000	0.0533
18	6060	6/16/2006	ND	0.0037	0.0797	ND	ND	0.0003	0.0023	0.0069	ND	ND	7.7029	ND	7.7700	ND	43.7263	659.0000	0.0110
19	6134	7/21/2006	ND	ND	0.0238	ND	ND	ND	0.0020	0.0131	ND	ND	ND	ND	7.7400	ND	8.6686	265.0000	0.0508
20	6209	8/28/2006	ND	ND	0.0428	ND	ND	ND	0.0011	0.0175	ND	ND	2.5227	ND	7.0600	ND	25.2728	2085.0000	0.0096
21	6211	8/28/2006	ND	0.0020	0.0562	ND	ND	ND	0.0010	0.0115	ND	ND	5.6452	ND	7.7700	ND	11.8042	395.0000	0.0272
22	6213	8/28/2006	ND	ND	0.0186	ND	ND	ND	0.0005	0.0173	ND	ND	1.2590	ND	7.6900	ND	6.8387	302.0000	0.0192
Test Count that Exceeded Standard			0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	0
ND - Not Detected																			



100

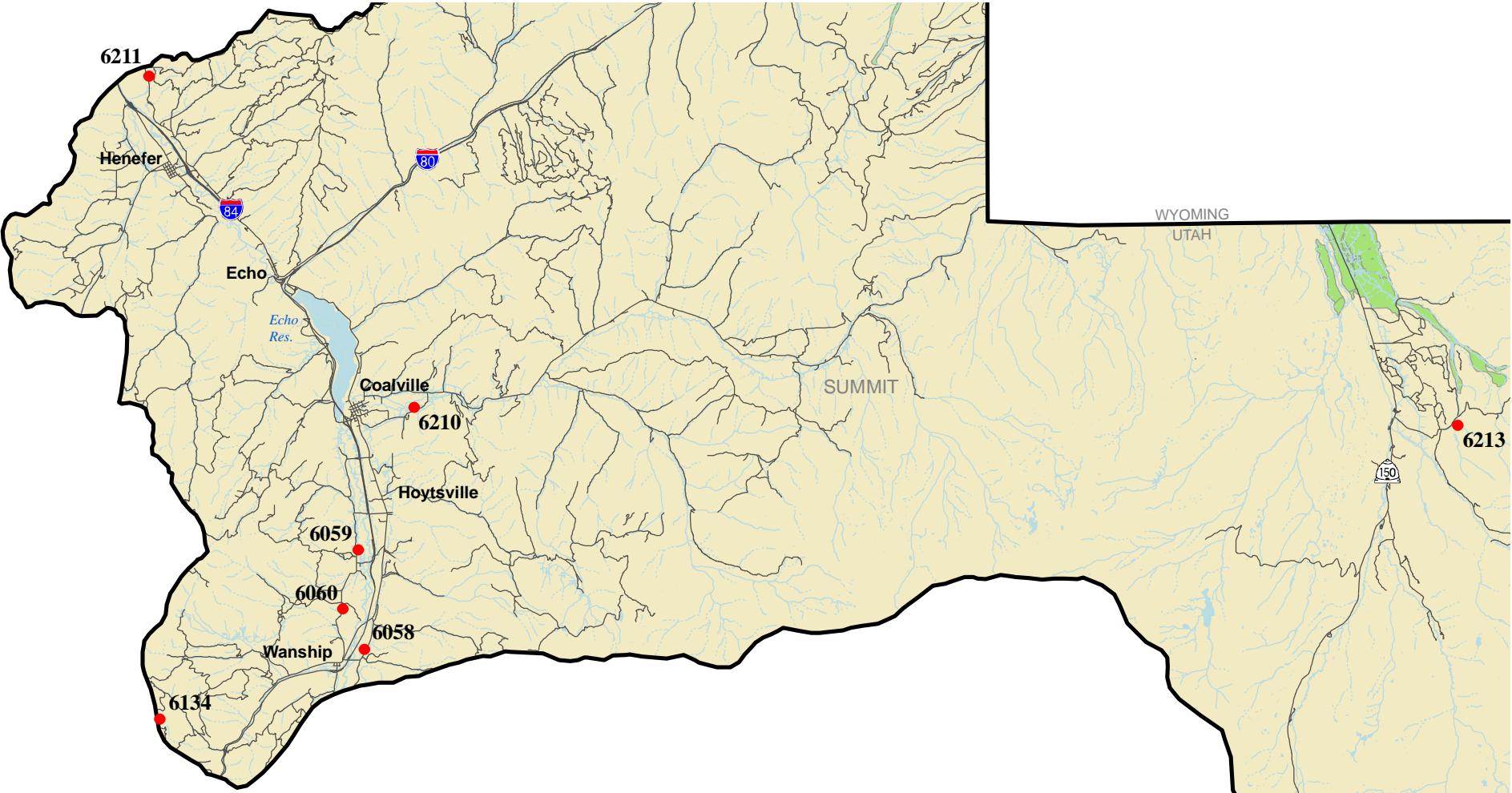
ND - Not Detected



Drinking Water Secondary Standards:			0.1	0.5	250	1	2	0.3	60;120;180	0.05	6.5-8.5	1000	250	200	5
	Sample No	Tested Date	Ag mg/L	Al mg/L	Cl mg/L	Cu mg/L	F mg/L	Fe mg/L	Hardnes s	Mn mg/L	pH -	Si mg/L	SO4 mg/L	TDS mg/L	Zn mg/L
1	6041	6/16/2006	ND	ND	1547.4740	0.0721	ND	0.0214	1849.2000	0.0019	7.1400	8.9956	42.3470	2811.0000	0.0724
2	6042	6/16/2006	ND	ND	863.2900	0.0212	ND	0.1872	1423.4000	0.0420	7.1300	7.0952	28.1907	1687.0000	0.0088
3	6043	6/16/2006	ND	ND	358.9150	0.0123	ND	0.0555	664.6000	0.0159	7.3800	7.9386	20.6112	799.0000	0.1295
4	6044	6/16/2006	ND	ND	44.5693	0.0069	ND	0.1127	405.1000	0.0076	7.6400	11.1674	549.5440	1059.0000	0.0440
5	6045	6/16/2006	ND	ND	21.5035	0.0066	1.1254	0.0224	90.2000	0.0021	8.1200	5.1833	82.7949	357.0000	0.0593
6	6046	6/16/2006	ND	ND	32.4286	0.0058	ND	0.5080	169.0000	0.0188	7.9300	5.0988	77.9921	348.0000	0.0117
7	6047	6/16/2006	ND	ND	35.2627	0.0105	ND	0.0527	326.3000	0.0038	7.3900	6.5017	114.7925	385.0000	0.0140
8	6048	6/16/2006	ND	ND	36.2769	0.0088	ND	0.0345	238.3000	0.0035	7.6600	20.1611	9.6116	305.0000	0.1543
9	6049	6/16/2006	ND	ND	23.5815	0.0118	ND	0.0395	143.6000	0.0043	6.9400	13.5813	12.0907	211.0000	0.0113
10	6050	6/16/2006	ND	ND	64.3852	0.0224	ND	0.0149	220.5000	0.0009	7.1900	16.0714	24.4480	314.0000	0.0103
11	6052	6/16/2006	ND	ND	7.3419	0.0137	ND	ND	189.5000	0.0013	7.7000	2.7100	12.0010	213.0000	0.0342
12	6053	6/16/2006	ND	ND	7.8939	0.0097	ND	ND	238.2000	0.0008	7.6000	24.4564	13.6417	312.0000	0.0338
13	6054	6/16/2006	ND	ND	29.7083	0.0103	ND	0.0120	204.9000	0.0010	7.4600	23.2831	10.3087	271.0000	0.0177
14	6055	6/16/2006	ND	ND	3.1337	0.0083	ND	ND	225.7000	0.0011	7.9000	10.1707	13.1861	272.0000	0.1117
15	6056	6/16/2006	ND	ND	11.6375	0.0081	ND	0.0179	147.8000	0.0014	7.8700	13.5885	8.6523	197.0000	0.0129
16	6057	6/16/2006	ND	ND	26.1948	0.0081	ND	ND	208.8000	0.0011	7.6200	21.0872	12.3691	281.0000	0.0094
17	6059	6/16/2006	ND	ND	46.1129	0.0147	ND	0.0230	364.7000	0.0024	7.5000	9.7861	20.7649	446.0000	0.0533
18	6060	6/16/2006	ND	ND	222.5010	0.0069	ND	ND	476.1000	0.0013	7.7700	17.7313	43.7263	659.0000	0.0110
19	6134	7/21/2006	ND	ND	19.4908	0.0131	ND	ND	197.1000	0.0021	7.7400	8.3272	8.6686	265.0000	0.0508
20	6209	8/28/2006	ND	ND	1050.2040	0.0175	ND	0.0115	1355.3000	0.0013	7.0600	8.5918	25.2728	2085.0000	0.0096
21	6211	8/28/2006	ND	ND	69.2688	0.0115	ND	ND	304.4000	0.0009	7.7700	7.3622	11.8042	395.0000	0.0272
22	6213	8/28/2006	ND	ND	10.7959	0.0173	ND	ND	269.3000	0.0006	7.6900	4.5454	6.8387	302.0000	0.0192
Test Count that Exceeded Standard:			0	0	4	0	0	1	22	0	0	0	1	21	0

ND - Not Detected

Map 13. Summit District

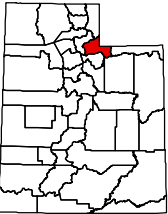


Map Scale 1:280,000 (1 inch = 4.4 miles)



- |  |                 |  |                     |
|--|-----------------|--|---------------------|
|  | Sample location |  | Intermittent stream |
|  | Road            |  | County boundary     |
|  | Stream          |  | Water body          |
|  | Ditch or canal  |  | Irrigated cropland  |
|  | Aqueduct        |  | SCD boundary        |

District Location





# Timp-Nebo District

## General:

### General Sample Information

	Sample No	Collected Date	Coliform	Ecoli	Temperatura	EC	TDS mg/L	SAR meq/L	Hardness mg/L	Sample Site	Site Condition	Well Head	Material	Casing Condition	Cullinary	Irrigation	Industrial	Landscape	Natural	Drainage	Other
1	6001	5/31/2006	ND	ND	56.3 F (13.5 C)	502	291.0	0.500	222.1	Well	Vegetated	Lawn	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	6002	5/31/2006	POS	ND	57.7 F (14.3 C)	570	280.0	0.500	252.7	Well	Loam	Pit Concrete	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	6003	5/31/2006	ND	ND	54.7 F (12.6 C)	725	400.0	0.800	319.1	Well	Livestock	Gravel	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	6004	5/31/2006	ND	ND	56.1 F (13.4 C)	760	396.0	0.900	333.5	Well	Gravel	Inside Shed	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	6005	5/31/2006	ND	ND	59.4 F (15.2 C)	720	405.0	0.800	320.2	Well	Chemicals	Inside Shed	PVC	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	6006	5/31/2006	ND	ND	55.6 F (13.1 C)	658	369.0	0.400	320.1	Well	Vegetated	Lawn	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	6007	5/31/2006	ND	ND	57.9 F (14.4 C)	688	384.0	0.500	331.1	Well	Clay Soil	Soil	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	6008	5/31/2006	ND	ND	55.4 F (13.0 C)	426	281.0	0.400	197.8	Well	Vegetated	Lawn	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	6009	5/31/2006	ND	ND	56.8 F (13.8 C)	772	397.0	0.400	378.1	Well	Vegetated	Inside Shed	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	6010	5/31/2006	POS	POS	54.0 F (12.2 C)	436	309.0	0.300	230.3	Ditch	Vegetated	Natural	Concrete	Open	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11	6011	5/31/2006	ND	ND	63.9 F (17.7 C)	1096	403.0	2.000	347.2	Well	Gravel	Soil	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12	6012	5/31/2006	ND	ND	64.6 F (18.1 C)	513	522.0	1.900	155.3	Well	Clay Soil	Soil	Steel	Sealed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13	6013	5/31/2006	POS	POS	74.8 F (23.8 C)	1149	547.0	2.300	425.4	Pond	Vegetated	Soil	Earth	Open	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14	6014	5/31/2006	ND	ND	63.5 F (17.5 C)	391	413.0	1.000	150.7	Flowing Well	Vegetated	Lawn	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15	6015	5/31/2006	ND	ND	68.7 F (20.4 C)	488	285.0	2.100	135.7	Flowing Well	Vegetated	Covered	Steel	Sealed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16	6016	5/31/2006	ND	ND	68.2 F (20.1 C)	482	302.0	2.100	138.1	Flowing Well	Vegetated	Gravel	Steel	Sealed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17	6017	5/31/2006	ND	ND	59.4 F (15.2 C)	567	322.0	0.700	266.4	Well	Clean	Well House	PVC	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18	6018	5/31/2006	ND	ND	59.9 F (15.5 C)	620	305.0	0.700	286.4	Flowing Well	Clean	Well House	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19	6019	5/31/2006	ND	ND	58.6 F (14.8 C)	556	339.0	0.700	247.6	Flowing Well	Vegetated	Inside Shed	Steel	Perforated	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20	6035	6/7/2006	ND	ND	58.8 F (14.9 C)	705	383.0	0.400	323.0	Well	Vegetated	Pit Concrete	Steel	Open	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21	6036	6/7/2006	ND	ND	60.3 F (15.7 C)	714	408.0	0.400	347.8	Well	Clay Soil	Inside Shed	Steel	Open	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22	6037	6/7/2006	ND	ND	60.6 F (15.9 C)	429	246.0	0.300	190.5	Well	Vegetated	Soil	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
23	6038	6/7/2006	ND	ND	60.1 F (15.6 C)	603	333.0	0.300	284.5	Well	Livestock	Well House	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
24	6039	6/7/2006	ND	ND	56.5 F (13.6 C)	685	371.0	0.500	305.2	Well	Cobble	Well House	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
25	6040	6/7/2006	ND	ND	61.5 F (16.4 C)	453	273.0	0.700	174.8	Well	Vegetated	Lawn	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
26	6058	6/13/2006	POS	ND	52.2 F (11.2 C)	811	450.0	0.700	354.5	Well	Vegetated	Lawn	PVC	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
27	6085	6/28/2006	ND	ND	60.1 F (15.6 C)	621	345.0	0.800	262.6	Well	Clean	Well House	Steel	Sealed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
28	6086	6/28/2006	POS	ND	55.0 F (12.8 C)	681	368.0	0.500	308.2	Well	Clean	Well House	Steel	Sealed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
29	6087	6/28/2006	ND	ND	56.7 F (13.7 C)	638	364.0	0.700	280.1	Well	Clean	Covered	Steel	Sealed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
30	6090	6/28/2006	ND	ND	69.8 F (21.0 C)	440	260.0	1.400	128.8	Well	Vegetated	Lawn	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
31	6174	8/16/2006	ND	ND	73.2 F (22.9 C)	1502	899.0	3.600	404.2	Well	Vegetated	Soil	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
32	6175	8/16/2006	ND	ND	77.4 F (25.2 C)	1239	694.0	2.900	379.5	Well	Clay Soil	Concrete Pad	Steel	Sealed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
33	6176	8/16/2006	ND	ND	75.6 F (24.2 C)	1279	725.0	3.100	367.0	Well	Vegetated	Soil	Steel	Subsidence	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
34	6177	8/16/2006	ND	ND	77.4 F (25.2 C)	1241	713.0	3.000	373.6	Well	Clay Soil	Concrete Pad	Steel	Sealed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



### General Sample Information

	Sample No	Collected Date	Coliform	Ecoli	Temperatura	EC		Sample Site	Site Condition	Well Head	Material	Casing Condition	Cullinary	Irrigation	Industrial	Landscape	Natural	Drainage	Other	
35	6178	8/16/2006	ND	ND	73.9 F (23.3 C)	1795 1067. 3.200 596.5		Well	Clean	Concrete Pad	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
36	6179	8/16/2006	ND	ND	63.3 F (17.4 C)	4720 2024. 6.200 857.9		Well	Vegetated	Soil	Steel	Sealed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
37	6180	8/16/2006	ND	ND	67.1 F (19.5 C)	1712 951.0 4.000 443.1		Well	Vegetated	Soil	Steel	Subsidence	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
38	6181	8/16/2006	ND	ND	66.4 F (19.1 C)	3130 1221. 2.500 726.3		Well	Vegetated	Lawn	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
39	6182	8/16/2006	ND	ND	59.4 F (15.2 C)	1714 1029. 2.500 607.6		Well	Clean	Well House	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
40	6183	8/16/2006	ND	ND	60.8 F (16.0 C)	449 268.0 0.200 228.2		Well	Vegetated	Pit Concrete	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
41	6184	8/16/2006	ND	ND	53.8 F (12.1 C)	575 299.0 0.300 278.6		Flowing Well	Vegetated	Well House	Steel	Open	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
42	6185	8/16/2006	ND	ND	63.5 F (17.5 C)	752 406.0 1.100 314.9		Well	Vegetated	Lawn	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
43	6186	8/16/2006	POS	POS	72.7 F (22.6 C)	1029 605.0 1.100 471.6		Spring	Livestock	Natural	Earth	Open	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
44	6187	8/16/2006	ND	ND	56.1 F (13.4 C)	613 349.0 0.800 244.7		Well	Livestock	Well House	PVC	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
45	6188	8/16/2006	POS	ND	63.5 F (17.5 C)	496 289.0 0.300 239.4		Well	Vegetated	Well House	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
46	6189	8/16/2006	ND	ND	57.6 F (14.2 C)	525 305.0 0.400 241.7		Well	Vegetated	Lawn	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
47	6190	8/16/2006	ND	ND	61.3 F (16.3 C)	468 267.0 0.200 228.5		Well	Vegetated	Soil	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
48	6191	8/16/2006	ND	ND	59.4 F (15.2 C)	568 335.0 0.500 266.2		Well	Clean	Well House	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
49	6300	9/26/2006	POS	POS	49.1 F (9.5 C)	723 408.0 0.300 359.2		Spring	Vegetated	Covered	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
50	6301	9/26/2006	ND	ND	57.9 F (14.4 C)	946 554.0 2.300 316.6		Well	Livestock	Well House	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
51	6302	9/26/2006	ND	ND	61.2 F (16.2 C)	424 255.0 0.900 167.2		Well	Vegetated	Gravel	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
52	6303	9/26/2006	ND	ND	60.1 F (15.6 C)	434 265.0 0.600 192.3		Flowing Well	Vegetated	Lawn	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
53	6304	9/26/2006	ND	ND	61.2 F (16.2 C)	364 214.0 0.300 176.6		Flowing Well	Vegetated	Lawn	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
54	6305	9/27/2006	POS	ND	54.3 F (12.4 C)	713 412.0 1.800 247.3		Well	Surface Water	Soil	Steel	Open	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
55	6306	9/27/2006	POS	ND	58.1 F (14.5 C)	1532 967.0 1.900 656.0		Well	Vegetated	Lawn	Steel	Sealed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
56	6316	10/3/2006	ND	ND	54.7 F (12.6 C)	757 414.0 0.800 326.0		Well	Vegetated	Soil	Steel	Sealed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
57	6322	10/4/2006	ND	ND	68.0 F (20.0 C)	605 346.0 0.500 297.9		Well	Vegetated	Soil	Steel	Perforated	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Bacteria Positive Sample Count			10	4	ND - Not Detected															



**Irrigation:****Irrigation Standards**

	Sample No	Tested Date	5 Al mg/L	0.5;1.0;2.0; B mg/L	.1 Be mg/L	100000 Ca mg/L	71;355 Cl mg/L	1 Co mg/L	1000 CO3 mg/L	1 Cr mg/L	0.2 Cu mg/L	1 F mg/L	5 Fe mg/L	73.2;152.5 HCO3 mg/L	10000 K mg/L	2.5 Li mg/L	100000 Mg mg/L
1	6001	6/7/2006	ND	0.0223	ND	48.5953	34.8635	ND	ND	0.0006	0.0063	ND	0.0851	227.5130	2.5718	0.0079	24.4253
2	6002	6/7/2006	ND	0.0252	ND	56.8360	30.6478	ND	ND	0.0017	0.0050	ND	0.0114	246.1150	2.6243	0.0079	26.8373
3	6003	6/7/2006	ND	0.0550	ND	81.4221	41.1909	ND	ND	0.0022	0.0076	ND	0.0247	331.8270	2.3685	0.0050	28.0455
4	6004	6/7/2006	ND	0.0642	ND	85.7488	41.0578	ND	ND	0.0025	0.0082	ND	ND	353.2850	2.2620	0.0044	28.9154
5	6005	6/7/2006	ND	0.0558	ND	81.6949	39.0268	ND	ND	0.0024	0.0087	ND	0.0288	346.5820	2.2740	0.0038	28.1378
6	6006	6/7/2006	ND	0.0280	ND	80.8493	34.9856	ND	ND	0.0018	0.0085	ND	0.0208	303.9620	3.6695	ND	28.6373
7	6007	6/7/2006	ND	0.0287	ND	84.7241	30.2754	ND	ND	0.0021	0.0066	ND	0.0125	317.6830	3.9936	ND	28.9471
8	6008	6/7/2006	ND	0.0279	ND	45.5340	33.0081	ND	ND	0.0013	0.0090	ND	0.0370	217.7770	2.4570	0.0050	20.3793
9	6009	6/7/2006	ND	0.0616	ND	96.1841	16.4296	ND	ND	0.0015	0.0132	ND	0.0218	374.7050	7.9042	0.0058	33.4143
10	6010	6/7/2006	ND	0.0265	ND	65.8489	26.6393	ND	ND	0.0009	0.0079	ND	0.0596	257.3120	2.3184	ND	15.9322
11	6011	6/7/2006	ND	0.2699	ND	74.0754	7.9643	ND	ND	0.0007	0.0188	ND	0.0147	263.3690	20.5049	0.0546	39.3117
12	6012	6/7/2006	ND	0.1958	ND	33.6593	184.9221	ND	ND	0.0009	0.0058	0.8755	1.1904	288.7470	10.3067	0.0356	17.2808
13	6013	6/7/2006	ND	0.3270	ND	70.1587	20.2469	0.0003	ND	0.0022	0.0110	0.9226	0.1566	504.9310	15.6878	0.0655	60.6787
14	6014	6/7/2006	ND	0.0721	ND	36.3142	90.4750	ND	ND	0.0008	0.0101	ND	0.0646	241.4160	4.5929	0.0183	14.5386
15	6015	6/7/2006	ND	0.1557	ND	30.0083	8.2983	ND	ND	0.0007	0.0049	ND	0.2825	273.0050	7.5314	0.0657	14.7166
16	6016	6/7/2006	ND	0.1542	ND	30.5904	15.2440	ND	ND	0.0009	0.0073	1.3128	0.2431	272.5430	7.6382	0.0648	14.9553
17	6017	6/7/2006	ND	0.0720	ND	59.2003	15.0093	ND	ND	0.0012	0.0097	1.2731	0.2519	335.1680	4.5789	0.0149	28.7410
18	6018	6/7/2006	ND	0.0542	ND	75.1990	14.5266	ND	ND	0.0011	0.0201	ND	0.5388	299.0010	2.4236	0.0055	23.8911
19	6019	6/7/2006	ND	0.0482	ND	64.9415	22.0776	ND	ND	0.0013	0.0056	ND	0.5614	291.4390	2.5961	0.0054	20.6942
20	6035	6/15/2006	ND	0.0362	ND	78.1069	23.2478	ND	ND	0.0022	0.0149	ND	0.0177	325.1060	3.5366	0.0057	31.0100
21	6036	6/15/2006	ND	0.0360	ND	83.7250	25.1467	ND	ND	0.0024	0.0105	ND	0.0152	342.6610	3.5812	0.0062	33.6022
22	6037	6/15/2006	ND	0.0216	ND	45.0385	11.6929	ND	ND	0.0026	0.0109	ND	0.0286	236.8230	3.2501	0.0056	18.8979
23	6038	6/15/2006	ND	0.0235	ND	71.1154	20.1359	ND	ND	0.0022	0.0086	ND	0.0115	312.2510	1.8794	0.0045	25.9045
24	6039	6/15/2006	ND	0.0378	ND	76.0661	23.3652	ND	ND	0.0022	0.0092	ND	0.0291	344.0390	1.9914	0.0045	27.9320
25	6040	6/15/2006	ND	0.0502	ND	34.9074	29.7920	ND	ND	0.0006	0.0089	ND	0.2267	208.0020	8.2735	0.0248	21.2350
26	6058	6/16/2006	ND	0.0628	ND	98.7174	46.6600	ND	ND	0.0019	0.0148	ND	0.0142	355.9630	1.6918	0.0102	26.1378
27	6085	6/30/2006	ND	0.0338	ND	62.3447	22.5695	ND	ND	0.0050	0.0116	ND	ND	334.0000	2.4335	0.0071	25.9040
28	6086	6/30/2006	ND	0.0318	ND	75.9103	26.7175	ND	ND	0.0043	0.0099	ND	ND	323.3820	2.1634	0.0063	28.7502
29	6087	6/30/2006	ND	0.0329	ND	71.8656	22.6313	ND	ND	0.0037	0.0174	ND	ND	320.4700	2.1325	ND	24.3866
30	6090	6/30/2006	ND	0.1214	ND	25.7285	8.1952	ND	ND	0.0028	0.0275	ND	0.1033	283.2570	7.9574	0.0320	15.6454
31	6174	8/22/2006	ND	0.2238	ND	96.7704	217.8230	ND	ND	ND	0.0117	ND	0.0102	599.8090	9.7989	0.1158	39.3928
32	6175	8/22/2006	ND	0.3138	ND	85.6384	210.5857	ND	ND	ND	0.0169	ND	ND	318.0410	12.5000	0.2423	40.1374
33	6176	8/22/2006	ND	0.3220	ND	83.3505	236.2363	ND	ND	ND	0.0071	ND	ND	322.8390	12.9294	0.2486	38.5081
34	6177	8/22/2006	ND	0.3305	ND	84.8408	210.8417	ND	ND	0.0006	0.0128	ND	ND	325.1160	13.0896	0.2541	39.2074
35	6178	8/22/2006	ND	0.3403	ND	140.9313	363.9051	ND	ND	0.0010	0.0137	0.9434	ND	277.9640	16.9543	0.2504	59.2678
36	6179	8/22/2006	ND	0.3757	ND	200.4069	783.6383	ND	ND	0.0006	0.0085	ND	ND	194.2860	29.3218	0.2560	86.6119

Irrigation Standards Continues			.2	.01	70;230	.2	5	10000	3;9	.02	151;451;13	.1	2
	Sample No	Tested Date	Mn mg/L	Mo mg/L	Na mg/L	Ni mg/L	Pb mg/L	PO4 mg/L	SAR meq/L	Se mg/L	TDS mg/L	V mg/L	Zn mg/L
37	6180	8/22/2006	0.0004	0.0021	195.2759	ND	ND	ND	4.0000	ND	951.0000	0.0126	0.0428
38	6181	8/22/2006	0.2360	0.0038	154.3334	ND	ND	ND	2.5000	ND	1221.0000	ND	1.0240
39	6182	8/22/2006	0.2351	0.0010	142.2038	ND	ND	ND	2.5000	ND	1029.0000	ND	0.0068
40	6183	8/22/2006	0.0003	0.0005	5.9533	ND	ND	ND	0.2000	ND	268.0000	ND	0.2523
41	6184	8/22/2006	ND	ND	12.3102	ND	ND	ND	0.3000	ND	299.0000	ND	ND
42	6185	8/22/2006	0.0009	ND	46.3607	ND	ND	ND	1.1000	ND	406.0000	0.0023	0.2441
43	6186	8/22/2006	0.0032	0.0036	54.7527	0.0008	ND	ND	1.1000	ND	605.0000	0.0037	ND
44	6187	8/22/2006	0.0993	ND	28.9329	ND	0.0015	ND	0.8000	ND	349.0000	ND	ND
45	6188	8/22/2006	0.0588	0.0008	11.0500	ND	ND	ND	0.3000	ND	289.0000	ND	0.0022
46	6189	8/22/2006	0.0890	0.0025	14.8146	ND	ND	ND	0.4000	ND	305.0000	ND	ND
47	6190	8/22/2006	0.0036	ND	7.6714	ND	ND	ND	0.2000	ND	267.0000	ND	2.8120
48	6191	8/22/2006	0.0150	0.0010	18.4634	ND	ND	ND	0.5000	ND	335.0000	ND	0.0053
49	6300	10/5/2006	0.0018	ND	15.1779	0.0103	0.0071	ND	0.3000	ND	408.0000	ND	0.2080
50	6301	10/5/2006	0.0561	0.0039	92.5070	ND	ND	ND	2.3000	ND	554.0000	ND	0.0758
51	6302	10/5/2006	0.0536	0.0013	27.1717	ND	ND	ND	0.9000	ND	255.0000	ND	0.0068
52	6303	10/5/2006	0.0396	0.0060	18.8555	ND	ND	ND	0.6000	ND	265.0000	ND	0.0173
53	6304	10/5/2006	0.0065	0.0007	9.8969	ND	ND	ND	0.3000	ND	214.0000	0.0024	0.1402
54	6305	10/5/2006	0.0414	0.0013	65.3355	ND	ND	ND	1.8000	ND	412.0000	ND	0.0124
55	6306	10/5/2006	0.0017	0.0007	110.2942	0.0017	ND	ND	1.9000	ND	967.0000	0.0021	0.0552
56	6316	10/13/2006	0.0010	0.0030	31.8456	ND	ND	ND	0.8000	ND	414.0000	0.0022	0.0173
57	6322	10/13/2006	0.0008	0.0006	20.0665	0.0007	ND	ND	0.5000	ND	346.0000	ND	0.1622
Test Count that Exceeded Standard:			2	2	13	0	0	0	6	0	57	0	1

ND - Not Detected



Irrigation Standards Continues			.2 Mn mg/L	.01 Mo mg/L	70,230 Na mg/L	.2 Ni mg/L	5 Pb mg/L	10000 PO4 mg/L	3,9 SAR meq/L	.02 Se mg/L	151;451;13 TDS mg/L	.1 V mg/L	2 Zn mg/L
Sample No	Tested Date												
1	6001	6/7/2006	0.0108	0.0006	16.2923	0.0007	ND	ND	0.5000	ND	291.0000	ND	0.2300
2	6002	6/7/2006	0.0013	0.0006	18.7432	ND	ND	ND	0.5000	ND	280.0000	ND	0.0135
3	6003	6/7/2006	0.0020	0.0007	33.7133	ND	ND	ND	0.8000	ND	400.0000	ND	0.2270
4	6004	6/7/2006	0.0013	0.0005	36.4175	ND	ND	ND	0.9000	ND	396.0000	ND	0.1139
5	6005	6/7/2006	0.0022	0.0005	33.3639	ND	ND	ND	0.8000	ND	405.0000	ND	0.1150
6	6006	6/7/2006	0.0022	0.0008	15.0283	ND	ND	ND	0.4000	ND	369.0000	0.0021	0.0774
7	6007	6/7/2006	0.0013	0.0007	20.5172	ND	ND	ND	0.5000	ND	384.0000	0.0019	0.0800
8	6008	6/7/2006	0.0025	0.0011	13.8222	ND	ND	ND	0.4000	ND	281.0000	0.0030	0.0657
9	6009	6/7/2006	0.0025	0.0007	18.6252	ND	ND	ND	0.4000	ND	397.0000	0.0022	0.0698
10	6010	6/7/2006	0.0050	ND	8.9394	ND	ND	ND	0.3000	ND	309.0000	ND	0.0143
11	6011	6/7/2006	0.0064	0.0112	84.0076	ND	ND	ND	2.0000	ND	403.0000	0.0049	0.0176
12	6012	6/7/2006	0.0487	0.0112	53.1609	ND	ND	ND	1.9000	ND	522.0000	0.0019	0.3698
13	6013	6/7/2006	0.0172	0.0086	107.7620	0.0016	ND	ND	2.3000	ND	547.0000	0.0070	0.0164
14	6014	6/7/2006	0.0362	0.0008	29.0348	ND	ND	ND	1.0000	ND	413.0000	ND	0.0149
15	6015	6/7/2006	0.0397	0.0023	57.2602	ND	ND	ND	2.1000	ND	285.0000	ND	0.0154
16	6016	6/7/2006	0.0393	0.0023	56.1807	ND	ND	ND	2.1000	ND	302.0000	ND	0.0187
17	6017	6/7/2006	0.0809	0.0008	25.0595	ND	ND	ND	0.7000	ND	322.0000	ND	0.0252
18	6018	6/7/2006	0.1042	0.0008	26.7799	ND	ND	ND	0.7000	ND	305.0000	ND	0.0166
19	6019	6/7/2006	0.0881	ND	26.1314	ND	ND	ND	0.7000	ND	339.0000	ND	0.0055
20	6035	6/15/2006	0.0009	ND	17.8569	ND	ND	ND	0.4000	ND	383.0000	0.0026	0.0115
21	6036	6/15/2006	0.0011	ND	17.6677	ND	ND	ND	0.4000	ND	408.0000	0.0028	0.0103
22	6037	6/15/2006	0.0015	0.0006	10.1485	0.0009	ND	ND	0.3000	ND	246.0000	0.0027	0.0116
23	6038	6/15/2006	0.0017	ND	12.4730	ND	ND	ND	0.3000	ND	333.0000	ND	0.0099
24	6039	6/15/2006	0.0020	ND	18.8206	ND	ND	ND	0.5000	ND	371.0000	ND	0.0164
25	6040	6/15/2006	0.0427	0.0094	21.8591	ND	ND	ND	0.7000	ND	273.0000	0.0027	0.0672
26	6058	6/16/2006	0.0011	ND	28.8684	0.0008	ND	ND	0.7000	ND	450.0000	0.0020	0.0201
27	6085	6/30/2006	0.0009	0.0006	28.5674	0.0007	ND	ND	0.8000	ND	345.0000	0.0026	0.0031
28	6086	6/30/2006	0.0008	0.0006	18.6944	0.0008	ND	ND	0.5000	ND	368.0000	0.0019	0.0050
29	6087	6/30/2006	0.0010	ND	26.1471	0.0010	ND	ND	0.7000	0.0047	364.0000	ND	0.0097
30	6090	6/30/2006	0.0621	0.0047	36.7711	ND	0.0074	ND	1.4000	ND	260.0000	ND	0.0132
31	6174	8/22/2006	0.0019	0.0025	167.1165	0.0009	ND	ND	3.6000	ND	899.0000	0.0070	0.0383
32	6175	8/22/2006	0.0010	0.0027	130.8008	0.0010	ND	ND	2.9000	ND	694.0000	ND	0.0218
33	6176	8/22/2006	0.0003	0.0028	137.0291	0.0007	ND	ND	3.1000	ND	725.0000	0.0019	0.0097
34	6177	8/22/2006	0.0011	0.0028	132.5162	0.0007	0.0023	ND	3.0000	ND	713.0000	0.0019	0.0258
35	6178	8/22/2006	0.0013	0.0024	179.9874	0.0023	ND	ND	3.2000	ND	1067.0000	0.0029	0.0291
36	6179	8/22/2006	ND	0.0013	415.0533	0.0008	ND	ND	6.2000	0.0045	2024.0000	0.0044	0.0142
37	6180	8/22/2006	0.0004	0.0021	195.2759	ND	ND	ND	4.0000	ND	951.0000	0.0126	0.0428
38	6181	8/22/2006	0.2360	0.0038	154.3334	ND	ND	ND	2.5000	ND	1221.0000	ND	1.0240
39	6182	8/22/2006	0.2351	0.0010	142.2038	ND	ND	ND	2.5000	ND	1029.0000	ND	0.0068
40	6183	8/22/2006	0.0003	0.0005	5.9533	ND	ND	ND	0.2000	ND	268.0000	ND	0.2523
41	6184	8/22/2006	ND	ND	12.3102	ND	ND	ND	0.3000	ND	299.0000	ND	ND
42	6185	8/22/2006	0.0009	ND	46.3607	ND	ND	ND	1.1000	ND	406.0000	0.0023	0.2441
43	6186	8/22/2006	0.0032	0.0036	54.7527	0.0008	ND	ND	1.1000	ND	605.0000	0.0037	ND
44	6187	8/22/2006	0.0993	ND	28.9329	ND	0.0015	ND	0.8000	ND	349.0000	ND	ND
45	6188	8/22/2006	0.0588	0.0008	11.0500	ND	ND	ND	0.3000	ND	289.0000	ND	0.0022
46	6189	8/22/2006	0.0890	0.0025	14.8146	ND	ND	ND	0.4000	ND	305.0000	ND	ND
47	6190	8/22/2006	0.0036	ND	7.6714	ND	ND	ND	0.2000	ND	267.0000	ND	2.8120
48	6191	8/22/2006	0.0150	0.0010	18.4634	ND	ND	ND	0.5000	ND	335.0000	ND	0.0053
49	6300	10/5/2006	0.0018	ND	15.1779	0.0103	0.0071	ND	0.3000	ND	408.0000	ND	0.2080
50	6301	10/5/2006	0.0561	0.0039	92.5070	ND	ND	ND	2.3000	ND	554.0000	ND	0.0758
51	6302	10/5/2006	0.0536	0.0013	27.1717	ND	ND	ND	0.9000	ND	255.0000	ND	0.0068
52	6303	10/5/2006	0.0396	0.0060	18.8555	ND	ND	ND	0.6000	ND	265.0000	ND	0.0173
53	6304	10/5/2006	0.0065	0.0007	9.8969	ND	ND	ND	0.3000	ND	214.0000	0.0024	0.1402
54	6305	10/5/2006	0.0414	0.0013	65.3355	ND	ND	ND	1.8000	ND	412.0000	ND	0.0124
55	6306	10/5/2006	0.0017	0.0007	110.2942	0.0017	ND	ND	1.9000	ND	967.0000	0.0021	0.0552
56	6316	10/13/2006	0.0010	0.0030	31.8456	ND	ND	ND	0.8000	ND	414.0000	0.0022	0.0173
57	6322	10/13/2006	0.0008	0.0006	20.0665	0.0007	ND	ND	0.5000	ND	346.0000	ND	0.1622
Test Count that Exceeded Standard:			2	2	13	0	0	0	6	0	57	0	1

ND - Not Detected



**Livestock:**

Livestock Standards			5	0.2	5	.1	0.05	1	1	.5	2	10	100	.1	5.5-8.3	.05	167,333	1000;3000;	25
			Al	As	B	Be	Cd	Co	Cr	Cu	F	Hg	NO3	Pb	pH	Se	SO4	TDS	Zn
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	-	mg/L	mg/L	mg/L	mg/L
1	6001	6/7/2006	ND	ND	0.0223	ND	ND	ND	0.0006	0.0063	ND	ND	4.0883	ND	8.0800	ND	37.9234	291.0000	0.2300
2	6002	6/7/2006	ND	ND	0.0252	ND	ND	ND	0.0017	0.0050	ND	ND	0.7851	ND	8.0300	ND	11.6455	280.0000	0.0135
3	6003	6/7/2006	ND	ND	0.0550	ND	ND	ND	0.0022	0.0076	ND	ND	3.0641	ND	7.7800	ND	36.9839	400.0000	0.2270
4	6004	6/7/2006	ND	ND	0.0642	ND	ND	ND	0.0025	0.0082	ND	ND	1.6258	ND	7.8200	ND	16.8378	396.0000	0.1139
5	6005	6/7/2006	ND	ND	0.0558	ND	ND	ND	0.0024	0.0087	ND	ND	3.4773	ND	7.8600	ND	36.4081	405.0000	0.1150
6	6006	6/7/2006	ND	ND	0.0280	ND	ND	ND	0.0018	0.0085	ND	ND	3.7276	ND	7.8900	ND	37.4446	369.0000	0.0774
7	6007	6/7/2006	ND	ND	0.0287	ND	ND	ND	0.0021	0.0066	ND	ND	2.5537	ND	7.8800	ND	41.1969	384.0000	0.0800
8	6008	6/7/2006	ND	0.0021	0.0279	ND	ND	ND	0.0013	0.0090	ND	ND	3.0868	ND	7.9700	ND	45.4453	281.0000	0.0657
9	6009	6/7/2006	ND	ND	0.0616	ND	ND	ND	0.0015	0.0132	ND	ND	0.6893	ND	8.1100	ND	17.3691	397.0000	0.0698
10	6010	6/7/2006	ND	ND	0.0265	ND	ND	ND	0.0009	0.0079	ND	ND	3.1547	ND	8.3100	ND	48.8150	309.0000	0.0143
11	6011	6/7/2006	ND	0.0043	0.2699	ND	ND	ND	0.0007	0.0188	ND	ND	ND	ND	7.8300	ND	14.7136	403.0000	0.0176
12	6012	6/7/2006	ND	0.0034	0.1958	ND	ND	ND	0.0009	0.0058	0.8755	ND	1.8854	ND	8.1700	ND	47.2645	522.0000	0.3698
13	6013	6/7/2006	ND	0.0157	0.3270	ND	ND	0.0003	0.0022	0.0110	0.9226	ND	ND	ND	8.2100	ND	10.1192	547.0000	0.0164
14	6014	6/7/2006	ND	ND	0.0721	ND	ND	ND	0.0008	0.0101	ND	ND	1.0396	ND	8.1100	ND	99.9993	413.0000	0.0149
15	6015	6/7/2006	ND	ND	0.1557	ND	ND	ND	0.0007	0.0049	ND	ND	ND	ND	8.1100	ND	ND	285.0000	0.0154
16	6016	6/7/2006	ND	ND	0.1542	ND	ND	ND	0.0009	0.0073	1.3128	ND	ND	ND	8.1400	ND	10.0745	302.0000	0.0187
17	6017	6/7/2006	ND	ND	0.0720	ND	ND	ND	0.0012	0.0097	1.2731	ND	ND	ND	8.0700	ND	10.3110	322.0000	0.0252
18	6018	6/7/2006	ND	ND	0.0542	ND	ND	ND	0.0011	0.0201	ND	ND	ND	ND	8.0100	ND	8.9115	305.0000	0.0166
19	6019	6/7/2006	ND	ND	0.0482	ND	ND	ND	0.0013	0.0056	ND	ND	ND	ND	8.0400	ND	52.0118	339.0000	0.0055
20	6035	6/15/2006	ND	0.0019	0.0362	ND	ND	ND	0.0022	0.0149	ND	ND	5.3930	ND	7.8300	ND	49.0241	383.0000	0.0115
21	6036	6/15/2006	ND	ND	0.0360	ND	ND	ND	0.0024	0.0105	ND	ND	5.8582	ND	7.8300	ND	54.1918	408.0000	0.0103
22	6037	6/15/2006	ND	ND	0.0216	ND	ND	ND	0.0026	0.0109	ND	ND	3.0545	ND	7.8800	ND	22.7293	246.0000	0.0116
23	6038	6/15/2006	ND	ND	0.0235	ND	ND	ND	0.0022	0.0086	ND	ND	4.6206	ND	7.7600	ND	33.8684	333.0000	0.0099
24	6039	6/15/2006	ND	ND	0.0378	ND	ND	ND	0.0022	0.0092	ND	ND	5.0372	ND	7.7600	ND	38.7144	371.0000	0.0164
25	6040	6/15/2006	ND	0.0060	0.0502	ND	ND	ND	0.0006	0.0089	ND	ND	1.8309	ND	7.9400	ND	23.8198	273.0000	0.0672
26	6058	6/16/2006	ND	ND	0.0628	ND	ND	ND	0.0019	0.0148	ND	ND	1.2974	ND	7.9000	ND	63.5385	450.0000	0.0201
27	6085	6/30/2006	ND	ND	0.0338	ND	ND	ND	0.0050	0.0116	ND	ND	2.1413	ND	7.8000	ND	27.4042	345.0000	0.0031
28	6086	6/30/2006	ND	ND	0.0318	ND	ND	ND	0.0043	0.0099	ND	ND	3.3088	ND	7.6400	ND	43.3652	368.0000	0.0050
29	6087	6/30/2006	ND	ND	0.0329	ND	ND	ND	0.0037	0.0174	ND	ND	1.9692	ND	7.9700	0.0047	48.7854	364.0000	0.0097
30	6090	6/30/2006	ND	0.0037	0.1214	ND	ND	ND	0.0028	0.0275	ND	ND	ND	0.0074	8.0300	ND	3.7896	260.0000	0.0132
31	6174	8/22/2006	ND	0.0135	0.2238	ND	ND	ND	ND	0.0117	ND	ND	3.1577	ND	7.7300	ND	45.8243	899.0000	0.0383
32	6175	8/22/2006	ND	0.0144	0.3138	ND	ND	ND	ND	0.0169	ND	ND	1.8325	ND	7.4700	ND	46.0188	694.0000	0.0218
33	6176	8/22/2006	ND	0.0189	0.3220	ND	ND	ND	ND	0.0071	ND	ND	1.7454	ND	7.6000	ND	45.9716	725.0000	0.0097
34	6177	8/22/2006	ND	0.0184	0.3305	ND	ND	ND	0.0006	0.0128	ND	ND	1.3567	0.0023	7.5600	ND	60.9001	713.0000	0.0258
35	6178	8/22/2006	ND	0.0147	0.3403	ND	ND	ND	0.0010	0.0137	0.9434	ND	7.6304	ND	7.3800	ND	145.6449	1067.0000	0.0291
36	6179	8/22/2006	ND	0.0070	0.3757	ND	ND	ND	0.0006	0.0085	ND	ND	28.9523	ND	7.6200	0.0045	353.1649	2024.0000	0.0142

Livestock Standards			5	0.2	5	.1	0.05	1	1	.5	2	10	100	.1	5.5-8.3	.05	167,333	1000;3000;	25
	Sample No	Tested Date	Al mg/L	As mg/L	B mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	F mg/L	Hg ug/L	NO3 mg/L	Pb mg/L	pH -	Se mg/L	SO4 mg/L	TDS mg/L	Zn mg/L
37	6180	8/22/2006	ND	0.0114	0.2020	ND	ND	ND	0.0008	0.0050	ND	ND	9.8810	ND	7.7300	ND	111.8953	951.0000	0.0428
38	6181	8/22/2006	ND	0.0022	0.1821	ND	ND	0.0004	ND	0.0058	ND	ND	1.5727	ND	7.4700	ND	47.9299	1221.0000	1.0240
39	6182	8/22/2006	ND	ND	0.0644	ND	ND	ND	ND	0.0166	ND	ND	0.4298	ND	7.6900	ND	93.6124	1029.0000	0.0068
40	6183	8/22/2006	ND	ND	0.0149	ND	ND	ND	ND	0.0115	ND	ND	0.8282	ND	7.6500	ND	13.1469	268.0000	0.2523
41	6184	8/22/2006	ND	ND	0.0257	ND	ND	ND	0.0007	0.0074	ND	ND	0.8795	ND	7.7100	ND	8.5423	299.0000	ND
42	6185	8/22/2006	ND	ND	0.0491	ND	ND	ND	0.0012	0.0156	ND	ND	4.5960	ND	7.5500	ND	26.4842	406.0000	0.2441
43	6186	8/22/2006	ND	0.0040	0.1280	ND	ND	ND	ND	0.0075	ND	ND	3.3613	ND	8.0700	ND	44.6291	605.0000	ND
44	6187	8/22/2006	ND	0.0172	0.0666	ND	ND	ND	ND	0.0023	ND	ND	1.2586	0.0015	7.7300	ND	3.6822	349.0000	ND
45	6188	8/22/2006	ND	ND	0.0181	ND	ND	ND	ND	0.0135	ND	ND	0.7011	ND	7.8100	ND	14.8718	289.0000	0.0022
46	6189	8/22/2006	ND	ND	0.0264	ND	ND	ND	ND	0.0066	ND	ND	0.5540	ND	8.0400	ND	24.7234	305.0000	ND
47	6190	8/22/2006	ND	ND	0.0139	ND	ND	ND	ND	0.0131	ND	ND	0.5888	ND	7.6600	ND	25.1128	267.0000	2.8120
48	6191	8/22/2006	ND	0.0034	0.0540	ND	ND	ND	ND	0.0120	ND	ND	0.4106	ND	7.7900	ND	42.2137	335.0000	0.0053
49	6300	10/5/2006	ND	ND	0.0188	ND	ND	ND	ND	0.8584	ND	ND	0.2633	0.0071	7.3500	ND	8.0382	408.0000	0.2080
50	6301	10/5/2006	ND	ND	0.1369	ND	ND	ND	ND	0.0067	ND	ND	ND	ND	7.8000	ND	58.8890	554.0000	0.0758
51	6302	10/5/2006	ND	ND	0.0753	ND	ND	ND	ND	0.0038	ND	ND	ND	ND	7.9900	ND	2.0637	255.0000	0.0068
52	6303	10/5/2006	ND	0.0058	0.0522	ND	ND	ND	ND	0.0067	ND	ND	0.2448	ND	7.9400	ND	26.1955	265.0000	0.0173
53	6304	10/5/2006	ND	0.0024	0.0184	ND	ND	ND	ND	0.0204	ND	ND	0.4626	ND	7.9300	ND	10.8101	214.0000	0.1402
54	6305	10/5/2006	ND	ND	0.1403	ND	ND	ND	ND	0.0058	ND	ND	0.2870	ND	8.0800	ND	15.6783	412.0000	0.0124
55	6306	10/5/2006	ND	0.0030	0.1194	ND	ND	ND	0.0007	0.0087	ND	ND	15.8689	ND	7.4700	ND	115.3005	967.0000	0.0552
56	6316	10/13/2006	ND	0.0023	0.0850	ND	ND	ND	ND	0.0041	ND	ND	4.2205	ND	8.0400	ND	36.0090	414.0000	0.0173
57	6322	10/13/2006	ND	ND	0.0395	ND	ND	ND	ND	0.0919	ND	ND	0.9100	ND	7.5000	ND	31.0053	346.0000	0.1622
Test Count that Exceeded Standard			0	0	0	0	0	0	0	1	0	0	0	0	1	0	1	4	0



Culinary:

Drinking Water Primary Standards			0.01 As mg/L	2 Ba mg/L	0.004 Be mg/L	1 Br mg/L	0.005 Cd mg/L	25 ClO4 ug/L	0.1 Cr mg/L	1.3 Cu mg/L	4 F mg/L	2 Hg ug/L	10000 Na mg/L	1000 Ni mg/L	10 NO3 mg/L	.015 Pb mg/L	.05 Se mg/L	500 SO4 mg/L	2000 TDS mg/L
	Sample No	Tested Date																	
1	6001	6/7/2006	ND	0.1432	ND	ND	ND	ND	0.0006	0.0063	ND	ND	16.2923	0.0007	4.0883	ND	ND	37.9234	291.0000
2	6002	6/7/2006	ND	0.2361	ND	ND	ND	ND	0.0017	0.0050	ND	ND	18.7432	ND	0.7851	ND	ND	11.6455	280.0000
3	6003	6/7/2006	ND	0.1763	ND	ND	ND	ND	0.0022	0.0076	ND	ND	33.7133	ND	3.0641	ND	ND	36.9839	400.0000
4	6004	6/7/2006	ND	0.2514	ND	ND	ND	ND	0.0025	0.0082	ND	ND	36.4175	ND	1.6258	ND	ND	16.8378	396.0000
5	6005	6/7/2006	ND	0.2801	ND	ND	ND	ND	0.0024	0.0087	ND	ND	33.3639	ND	3.4773	ND	ND	36.4081	405.0000
6	6006	6/7/2006	ND	0.1620	ND	ND	ND	ND	0.0018	0.0085	ND	ND	15.0283	ND	3.7276	ND	ND	37.4446	369.0000
7	6007	6/7/2006	ND	0.1946	ND	ND	ND	ND	0.0021	0.0066	ND	ND	20.5172	ND	2.5537	ND	ND	41.1969	384.0000
8	6008	6/7/2006	0.0021	0.0992	ND	ND	ND	ND	0.0013	0.0090	ND	ND	13.8222	ND	3.0868	ND	ND	45.4453	281.0000
9	6009	6/7/2006	ND	0.1904	ND	ND	ND	ND	0.0015	0.0132	ND	ND	18.6252	ND	0.6893	ND	ND	17.3691	397.0000
10	6010	6/7/2006	ND	0.1032	ND	ND	ND	ND	0.0009	0.0079	ND	ND	8.9394	ND	3.1547	ND	ND	48.8150	309.0000
11	6011	6/7/2006	0.0043	0.1752	ND	ND	ND	ND	0.0007	0.0188	ND	ND	84.0076	ND	ND	ND	ND	14.7136	403.0000
12	6012	6/7/2006	0.0034	0.2546	ND	1.0385	ND	ND	0.0009	0.0058	0.8755	ND	53.1609	ND	1.8854	ND	ND	47.2645	522.0000
13	6013	6/7/2006	0.0157	0.1015	ND	ND	ND	ND	0.0022	0.0110	0.9226	ND	107.7620	0.0016	ND	ND	ND	10.1192	547.0000
14	6014	6/7/2006	ND	0.2645	ND	ND	ND	ND	0.0008	0.0101	ND	ND	29.0348	ND	1.0396	ND	ND	99.9993	413.0000
15	6015	6/7/2006	ND	0.2964	ND	ND	ND	ND	0.0007	0.0049	ND	ND	57.2602	ND	ND	ND	ND	ND	285.0000
16	6016	6/7/2006	ND	0.2998	ND	ND	ND	ND	0.0009	0.0073	1.3128	ND	56.1807	ND	ND	ND	ND	10.0745	302.0000
17	6017	6/7/2006	ND	0.5353	ND	ND	ND	ND	0.0012	0.0097	1.2731	ND	25.0595	ND	ND	ND	ND	10.3110	322.0000
18	6018	6/7/2006	ND	0.1591	ND	ND	ND	ND	0.0011	0.0201	ND	ND	26.7799	ND	ND	ND	ND	8.9115	305.0000
19	6019	6/7/2006	ND	0.1380	ND	ND	ND	ND	0.0013	0.0056	ND	ND	26.1314	ND	ND	ND	ND	52.0118	339.0000
20	6035	6/15/2006	0.0019	0.1095	ND	ND	ND	ND	0.0022	0.0149	ND	ND	17.8569	ND	5.3930	ND	ND	49.0241	383.0000
21	6036	6/15/2006	ND	0.1164	ND	ND	ND	ND	0.0024	0.0105	ND	ND	17.6677	ND	5.8582	ND	ND	54.1918	408.0000
22	6037	6/15/2006	ND	0.0702	ND	ND	ND	ND	0.0026	0.0109	ND	ND	10.1485	0.0009	3.0545	ND	ND	22.7293	246.0000
23	6038	6/15/2006	ND	0.1046	ND	ND	ND	ND	0.0022	0.0086	ND	ND	12.4730	ND	4.6206	ND	ND	33.8684	333.0000
24	6039	6/15/2006	ND	0.1090	ND	ND	ND	ND	0.0022	0.0092	ND	ND	18.8206	ND	5.0372	ND	ND	38.7144	371.0000
25	6040	6/15/2006	0.0060	0.1583	ND	ND	ND	ND	0.0006	0.0089	ND	ND	21.8591	ND	1.8309	ND	ND	23.8198	273.0000
26	6058	6/16/2006	ND	0.0488	ND	ND	ND	ND	0.0019	0.0148	ND	ND	28.8684	0.0008	1.2974	ND	ND	63.5385	450.0000
27	6085	6/30/2006	ND	0.2160	ND	ND	ND	ND	0.0050	0.0116	ND	ND	28.5674	0.0007	2.1413	ND	ND	27.4042	345.0000
28	6086	6/30/2006	ND	0.0934	ND	ND	ND	ND	0.0043	0.0099	ND	ND	18.6944	0.0008	3.3088	ND	ND	43.3652	368.0000
29	6087	6/30/2006	ND	0.0955	ND	0.9465	ND	ND	0.0037	0.0174	ND	ND	26.1471	0.0010	1.9692	ND	0.0047	48.7854	364.0000
30	6090	6/30/2006	0.0037	0.2487	ND	ND	ND	ND	0.0028	0.0275	ND	ND	36.7711	ND	ND	0.0074	ND	3.7896	260.0000
31	6174	8/22/2006	0.0135	0.0879	ND	ND	ND	ND	ND	0.0117	ND	ND	167.1185	0.0009	3.1577	ND	ND	45.8243	899.0000
32	6175	8/22/2006	0.0144	0.0631	ND	ND	ND	ND	ND	0.0169	ND	ND	130.8008	0.0010	1.8325	ND	ND	46.0188	694.0000
33	6176	8/22/2006	0.0189	0.0658	ND	1.3441	ND	ND	ND	0.0071	ND	ND	137.0291	0.0007	1.7454	ND	ND	45.9716	725.0000
34	6177	8/22/2006	0.0184	0.0672	ND	1.5128	ND	ND	0.0006	0.0128	ND	ND	132.5162	0.0007	1.3567	0.0023	ND	60.9001	713.0000
35	6178	8/22/2006	0.0147	0.0657	ND	1.4804	ND	ND	0.0010	0.0137	0.9434	ND	179.9874	0.0023	7.6304	ND	ND	145.6449	1067.0000
36	6179	8/22/2006	0.0070	0.0478	ND	2.2109	ND	ND	0.0006	0.0085	ND	ND	415.0533	0.0008	28.9523	ND	0.0045	353.1649	2024.0000

Drinking Water Primary Standards			0.01	2	0.004	1	0.005	25	0.1	1.3	4	2	10000	1000	10	.015	.05	500	2000
	Sample No	Tested Date	As mg/L	Ba mg/L	Be mg/L	Br mg/L	Cd mg/L	ClO4 ug/L	Cr mg/L	Cu mg/L	F mg/L	Hg ug/L	Na mg/L	Ni mg/L	NO3 mg/L	Pb mg/L	Se mg/L	SO4 mg/L	TDS mg/L
37	6180	8/22/2006	0.0114	0.1093	ND	1.0252	ND	ND	0.0008	0.0050	ND	ND	195.2759	ND	9.8810	ND	ND	111.8953	951.0000
38	6181	8/22/2006	0.0022	0.3756	ND	ND	ND	ND	ND	0.0058	ND	ND	154.3334	ND	1.5727	ND	ND	47.9299	1221.0000
39	6182	8/22/2006	ND	0.3817	ND	2.1634	ND	ND	ND	0.0166	ND	ND	142.2038	ND	0.4298	ND	ND	93.6124	1029.0000
40	6183	8/22/2006	ND	0.0757	ND	ND	ND	ND	ND	0.0115	ND	ND	5.9533	ND	0.8282	ND	ND	13.1469	268.0000
41	6184	8/22/2006	ND	0.1180	ND	ND	ND	ND	0.0007	0.0074	ND	ND	12.3102	ND	0.8795	ND	ND	8.5423	299.0000
42	6185	8/22/2006	ND	0.1353	ND	ND	ND	ND	0.0012	0.0156	ND	ND	46.3607	ND	4.5960	ND	ND	26.4842	406.0000
43	6186	8/22/2006	0.0040	0.1350	ND	ND	ND	ND	ND	0.0075	ND	ND	54.7527	0.0008	3.3613	ND	ND	44.6291	605.0000
44	6187	8/22/2006	0.0172	0.1812	ND	ND	ND	ND	ND	0.0023	ND	ND	28.9329	ND	1.2586	0.0015	ND	3.6822	349.0000
45	6188	8/22/2006	ND	0.1797	ND	ND	ND	ND	ND	0.0135	ND	ND	11.0500	ND	0.7011	ND	ND	14.8718	289.0000
46	6189	8/22/2006	ND	0.1706	ND	ND	ND	ND	ND	0.0066	ND	ND	14.8146	ND	0.5540	ND	ND	24.7234	305.0000
47	6190	8/22/2006	ND	0.0718	ND	ND	ND	ND	ND	0.0131	ND	ND	7.6714	ND	0.5888	ND	ND	25.1128	267.0000
48	6191	8/22/2006	0.0034	0.0915	ND	ND	ND	ND	ND	0.0120	ND	ND	18.4634	ND	0.4106	ND	ND	42.2137	335.0000
49	6300	10/5/2006	ND	0.2389	ND	ND	ND	ND	ND	0.8584	ND	ND	15.1779	0.0103	0.2633	0.0071	ND	8.0382	408.0000
50	6301	10/5/2006	ND	0.2380	ND	ND	ND	ND	ND	0.0067	ND	ND	92.5070	ND	ND	ND	ND	58.8890	554.0000
51	6302	10/5/2006	ND	0.2836	ND	ND	ND	ND	ND	0.0038	ND	ND	27.1717	ND	ND	ND	ND	2.0637	255.0000
52	6303	10/5/2006	0.0058	0.1105	ND	ND	ND	ND	ND	0.0067	ND	ND	18.8555	ND	0.2448	ND	ND	26.1955	265.0000
53	6304	10/5/2006	0.0024	0.0664	ND	ND	ND	ND	ND	0.0204	ND	ND	9.8969	ND	0.4626	ND	ND	10.8101	214.0000
54	6305	10/5/2006	ND	0.5302	ND	ND	ND	ND	ND	0.0058	ND	ND	65.3355	ND	0.2870	ND	ND	15.6783	412.0000
55	6306	10/5/2006	0.0030	0.2759	ND	ND	ND	ND	0.0007	0.0087	ND	ND	110.2942	0.0017	15.8689	ND	ND	115.3005	967.0000
56	6316	10/13/2006	0.0023	0.0888	ND	ND	ND	ND	ND	0.0041	ND	ND	31.8456	ND	4.2205	ND	ND	36.0090	414.0000
57	6322	10/13/2006	ND	0.0962	ND	ND	ND	ND	ND	0.0919	ND	ND	20.0665	0.0007	0.9100	ND	ND	31.0053	346.0000
Test Count that Exceeded Standard			8	0	0	7	0	0	0	0	0	0	0	0	2	0	0	0	1

ND - Not Detected



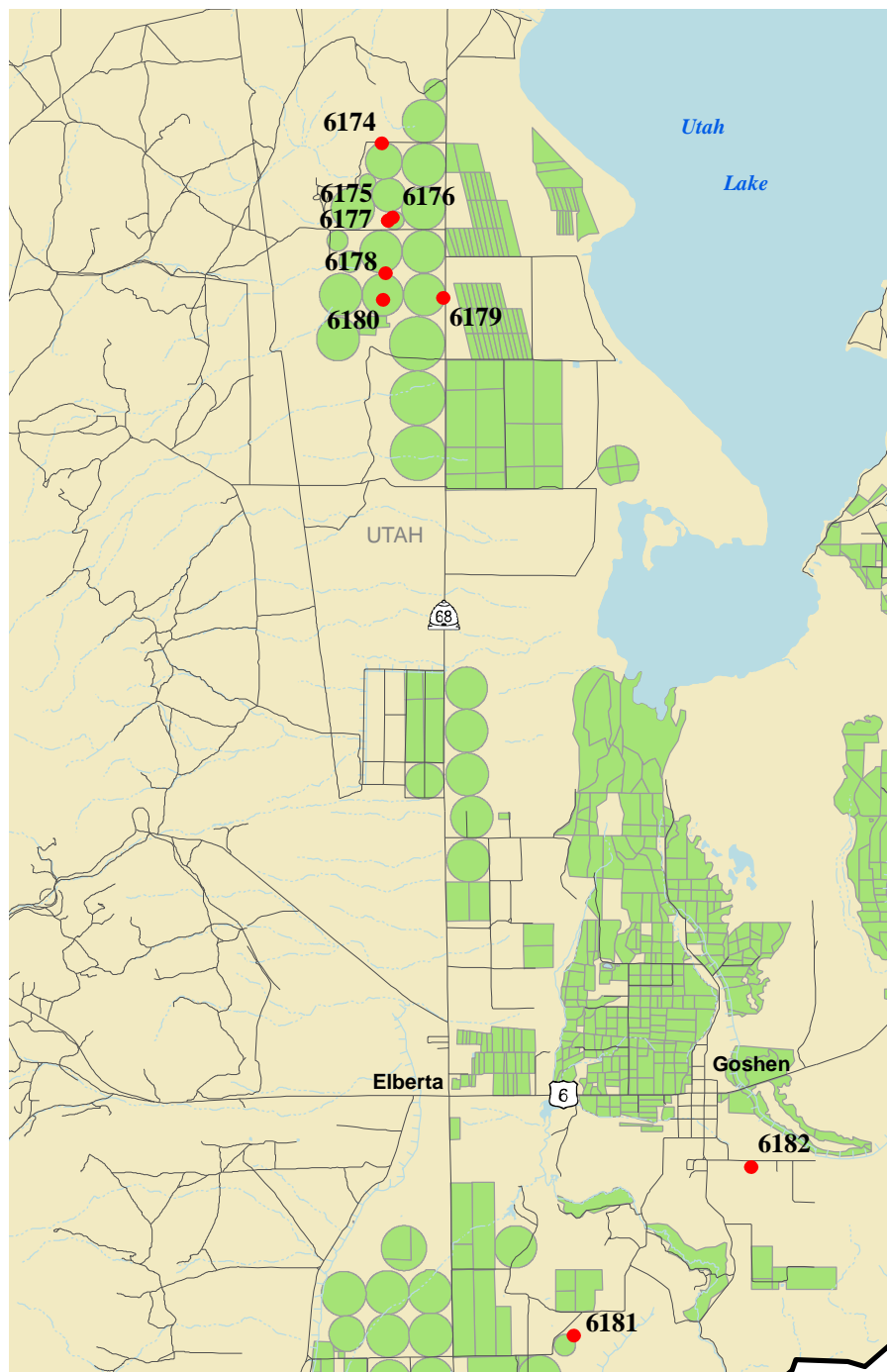
Drinking Water Secondary Standards:			0.1	0.5	250	1	2	0.3	60;120;180	.05	6.5-8.5	1000	250	200	5
	Sample No	Tested Date	Ag mg/L	Al mg/L	Cl mg/L	Cu mg/L	F mg/L	Fe mg/L	Hardnes s	Mn mg/L	pH -	Si mg/L	SO4 mg/L	TDS mg/L	Zn mg/L
1	6001	6/7/2006	ND	ND	34.8635	0.0063	ND	0.0851	222.1000	0.0108	8.0800	9.7793	37.9234	291.0000	0.2300
2	6002	6/7/2006	ND	ND	30.6478	0.0050	ND	0.0114	252.7000	0.0013	8.0300	10.1226	11.6455	280.0000	0.0135
3	6003	6/7/2006	ND	ND	41.1909	0.0076	ND	0.0247	319.1000	0.0020	7.7800	9.3410	36.9839	400.0000	0.2270
4	6004	6/7/2006	ND	ND	41.0578	0.0082	ND	ND	333.5000	0.0013	7.8200	9.2404	16.8378	396.0000	0.1139
5	6005	6/7/2006	ND	ND	39.0268	0.0087	ND	0.0288	320.2000	0.0022	7.8600	9.1402	36.4081	405.0000	0.1150
6	6006	6/7/2006	ND	ND	34.9856	0.0085	ND	0.0208	320.1000	0.0022	7.8900	14.2058	37.4446	369.0000	0.0774
7	6007	6/7/2006	ND	ND	30.2754	0.0066	ND	0.0125	331.1000	0.0013	7.8800	14.9620	41.1969	384.0000	0.0800
8	6008	6/7/2006	ND	ND	33.0081	0.0090	ND	0.0370	197.8000	0.0025	7.9700	10.3555	45.4453	281.0000	0.0657
9	6009	6/7/2006	ND	ND	16.4296	0.0132	ND	0.0218	378.1000	0.0025	8.1100	21.2987	17.3691	397.0000	0.0698
10	6010	6/7/2006	ND	ND	26.6393	0.0079	ND	0.0596	230.3000	0.0050	8.3100	10.7506	48.8150	309.0000	0.0143
11	6011	6/7/2006	ND	ND	7.9643	0.0188	ND	0.0147	347.2000	0.0064	7.8300	32.3423	14.7136	403.0000	0.0176
12	6012	6/7/2006	ND	ND	184.9221	0.0058	0.8755	1.1904	155.3000	0.0487	8.1700	31.3861	47.2645	522.0000	0.3698
13	6013	6/7/2006	ND	ND	20.2469	0.0110	0.9226	0.1566	425.4000	0.0172	8.2100	12.4540	10.1192	547.0000	0.0164
14	6014	6/7/2006	ND	ND	90.4750	0.0101	ND	0.0646	150.7000	0.0362	8.1100	18.0231	99.9993	413.0000	0.0149
15	6015	6/7/2006	ND	ND	8.2983	0.0049	ND	0.2825	135.7000	0.0397	8.1100	32.5326	ND	285.0000	0.0154
16	6016	6/7/2006	ND	ND	15.2440	0.0073	1.3128	0.2431	138.1000	0.0393	8.1400	32.8734	10.0745	302.0000	0.0187
17	6017	6/7/2006	ND	ND	15.0093	0.0097	1.2731	0.2519	266.4000	0.0809	8.0700	13.2138	10.3110	322.0000	0.0252
18	6018	6/7/2006	ND	ND	14.5266	0.0201	ND	0.5388	286.4000	0.1042	8.0100	6.1044	8.9115	305.0000	0.0166
19	6019	6/7/2006	ND	ND	22.0776	0.0056	ND	0.5614	247.6000	0.0881	8.0400	6.5336	52.0118	339.0000	0.0055
20	6035	6/15/2006	ND	ND	23.2478	0.0149	ND	0.0177	323.0000	0.0009	7.8300	14.5183	49.0241	383.0000	0.0115
21	6036	6/15/2006	ND	ND	25.1467	0.0105	ND	0.0152	347.8000	0.0011	7.8300	14.8508	54.1918	408.0000	0.0103
22	6037	6/15/2006	ND	ND	11.6929	0.0109	ND	0.0286	190.5000	0.0015	7.8800	14.8829	22.7293	246.0000	0.0116
23	6038	6/15/2006	ND	ND	20.1359	0.0086	ND	0.0115	284.5000	0.0017	7.7600	9.3563	33.8684	333.0000	0.0099
24	6039	6/15/2006	ND	ND	23.3652	0.0092	ND	0.0291	305.2000	0.0020	7.7600	9.4467	38.7144	371.0000	0.0164
25	6040	6/15/2006	ND	ND	29.7920	0.0089	ND	0.2267	174.8000	0.0427	7.9400	28.6401	23.8198	273.0000	0.0672
26	6058	6/16/2006	ND	ND	46.6600	0.0148	ND	0.0142	354.5000	0.0011	7.9000	6.8868	63.5385	450.0000	0.0201
27	6085	6/30/2006	ND	ND	22.5695	0.0116	ND	ND	262.6000	0.0009	7.8000	9.1955	27.4042	345.0000	0.0031
28	6086	6/30/2006	ND	ND	26.7175	0.0099	ND	ND	308.2000	0.0008	7.6400	9.5109	43.3652	368.0000	0.0050
29	6087	6/30/2006	ND	ND	22.6313	0.0174	ND	ND	280.1000	0.0010	7.9700	7.9439	48.7854	364.0000	0.0097
30	6090	6/30/2006	ND	ND	8.1952	0.0275	ND	0.1033	128.8000	0.0621	8.0300	21.9625	3.7896	260.0000	0.0132
31	6174	8/22/2006	ND	ND	217.8230	0.0117	ND	0.0102	404.2000	0.0019	7.7300	22.3747	45.8243	899.0000	0.0383
32	6175	8/22/2006	ND	ND	210.5857	0.0169	ND	ND	379.5000	0.0010	7.4700	9.7092	46.0188	694.0000	0.0218
33	6176	8/22/2006	ND	ND	236.2363	0.0071	ND	ND	367.0000	0.0003	7.6000	9.7045	45.9716	725.0000	0.0097
34	6177	8/22/2006	ND	ND	210.8417	0.0128	ND	ND	373.6000	0.0011	7.5600	9.9627	60.9001	713.0000	0.0258
35	6178	8/22/2006	ND	ND	363.9051	0.0137	0.9434	ND	596.5000	0.0013	7.3800	15.5191	145.6449	1067.0000	0.0291
36	6179	8/22/2006	ND	ND	783.6383	0.0085	ND	ND	857.9000	ND	7.6200	31.4840	353.1649	2024.0000	0.0142
37	6180	8/22/2006	ND	ND	354.9146	0.0050	ND	ND	443.1000	0.0004	7.7300	29.5427	111.8953	951.0000	0.0428
38	6181	8/22/2006	ND	ND	627.9283	0.0058	ND	0.0771	726.3000	0.2360	7.4700	37.0822	47.9299	1221.0000	1.0240



Drinking Water Secondary Standards:			0.1	0.5	250	1	2	0.3	60;120;180	.05	6.5-8.5	1000	250	200	5
	Sample No	Tested Date	Ag mg/L	Al mg/L	Cl mg/L	Cu mg/L	F mg/L	Fe mg/L	Hardnes s	Mn mg/L	pH -	Si mg/L	SO4 mg/L	TDS mg/L	Zn mg/L
39	6182	8/22/2006	ND	ND	312.0592	0.0166	ND	ND	607.6000	0.2351	7.6900	19.7300	93.6124	1029.0000	0.0068
40	6183	8/22/2006	ND	ND	25.2862	0.0115	ND	ND	228.2000	0.0003	7.6500	8.4636	13.1469	268.0000	0.2523
41	6184	8/22/2006	ND	ND	10.0165	0.0074	ND	0.0128	278.6000	ND	7.7100	8.5830	8.5423	299.0000	ND
42	6185	8/22/2006	ND	ND	24.5880	0.0156	ND	ND	314.9000	0.0009	7.5500	9.2185	26.4842	406.0000	0.2441
43	6186	8/22/2006	ND	ND	53.9218	0.0075	ND	ND	471.6000	0.0032	8.0700	17.5050	44.6291	605.0000	ND
44	6187	8/22/2006	ND	ND	25.4354	0.0023	ND	0.0142	244.7000	0.0993	7.7300	14.7214	3.6822	349.0000	ND
45	6188	8/22/2006	ND	ND	16.0554	0.0135	ND	ND	239.4000	0.0588	7.8100	11.7873	14.8718	289.0000	0.0022
46	6189	8/22/2006	ND	ND	16.1581	0.0066	ND	ND	241.7000	0.0890	8.0400	14.6644	24.7234	305.0000	ND
47	6190	8/22/2006	ND	ND	9.0531	0.0131	ND	ND	228.5000	0.0036	7.6600	3.8828	25.1128	267.0000	2.8120
48	6191	8/22/2006	ND	ND	16.1189	0.0120	ND	ND	266.2000	0.0150	7.7900	9.0338	42.2137	335.0000	0.0053
49	6300	10/5/2006	ND	ND	10.2001	0.8584	ND	ND	359.2000	0.0018	7.3500	4.9995	8.0382	408.0000	0.2080
50	6301	10/5/2006	ND	ND	45.9243	0.0067	ND	ND	316.6000	0.0561	7.8000	20.5740	58.8890	554.0000	0.0758
51	6302	10/5/2006	ND	ND	9.9731	0.0038	ND	0.0115	167.2000	0.0536	7.9900	21.0974	2.0637	255.0000	0.0068
52	6303	10/5/2006	ND	ND	10.7166	0.0067	ND	0.0729	192.3000	0.0396	7.9400	25.8211	26.1955	265.0000	0.0173
53	6304	10/5/2006	ND	ND	9.6479	0.0204	ND	ND	176.6000	0.0065	7.9300	17.2342	10.8101	214.0000	0.1402
54	6305	10/5/2006	ND	ND	42.3349	0.0058	ND	0.0190	247.3000	0.0414	8.0800	13.0930	15.6783	412.0000	0.0124
55	6306	10/5/2006	ND	ND	240.6057	0.0087	ND	ND	656.0000	0.0017	7.4700	9.0396	115.3005	967.0000	0.0552
56	6316	10/13/2006	ND	ND	21.3447	0.0041	ND	ND	326.0000	0.0010	8.0400	16.2106	36.0090	414.0000	0.0173
57	6322	10/13/2006	ND	ND	19.7653	0.0919	ND	ND	297.9000	0.0008	7.5000	8.5602	31.0053	346.0000	0.1622
Test Count that Exceeded Standard:			0	0	5	0	0	3	57	11	0	0	1	57	0

ND - Not Detected

**Map 14. Timp-Nebo District - Elberta Area**



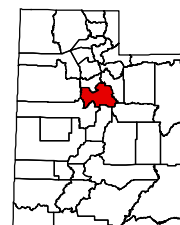
Map Scale 1:80,000 (1 inch = 1.3 miles)



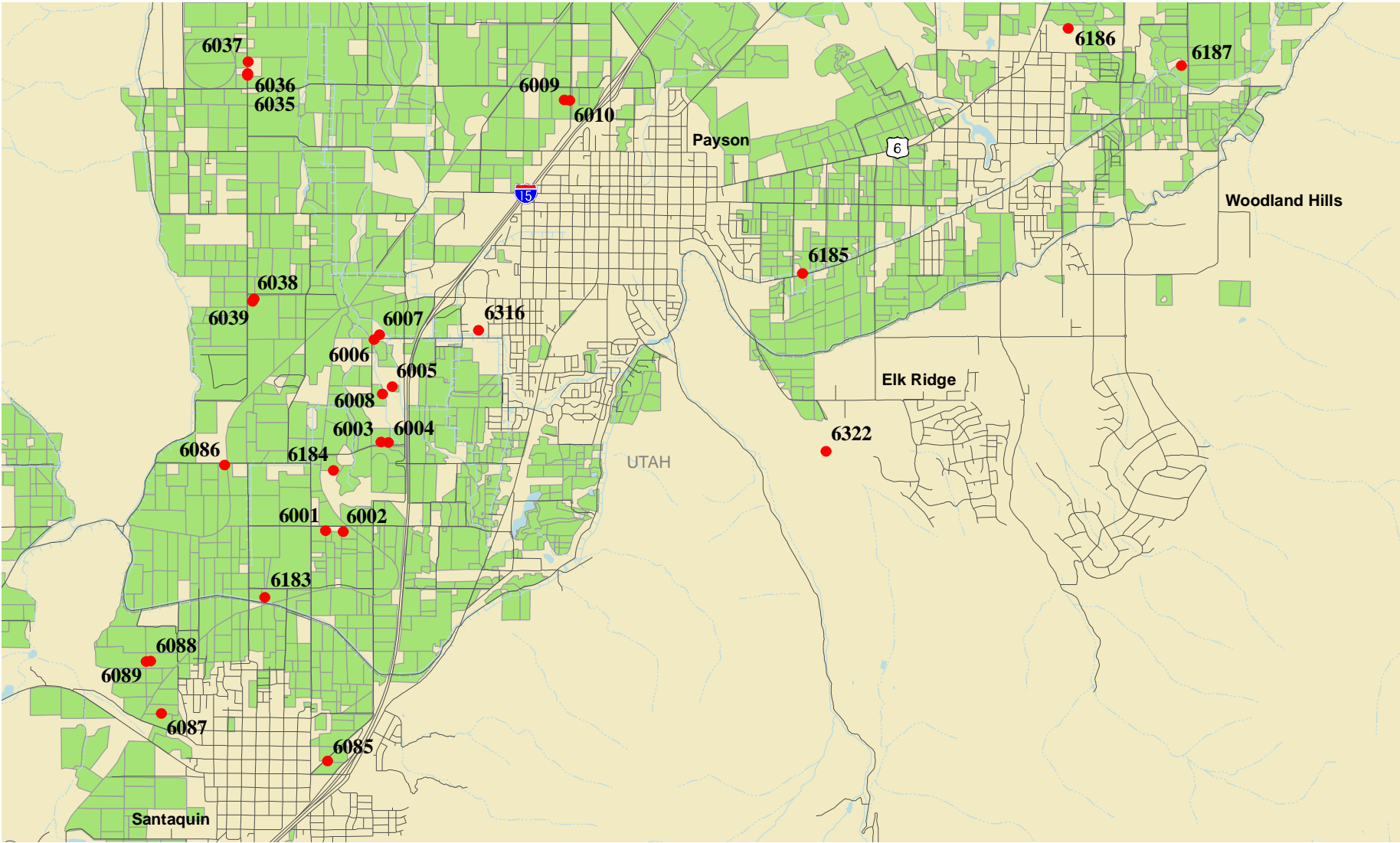
- Sample location
- Road
- Stream
- Ditch or canal
- Aqueduct

- Intermittent stream
- Water body
- Irrigated cropland
- SCD boundary

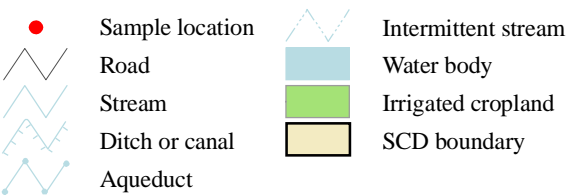
District Location



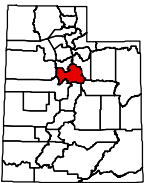
Map 15. Timp-Nebo District - Payson Area



Map Scale 1:75,000 (1 inch = 1.2 miles)

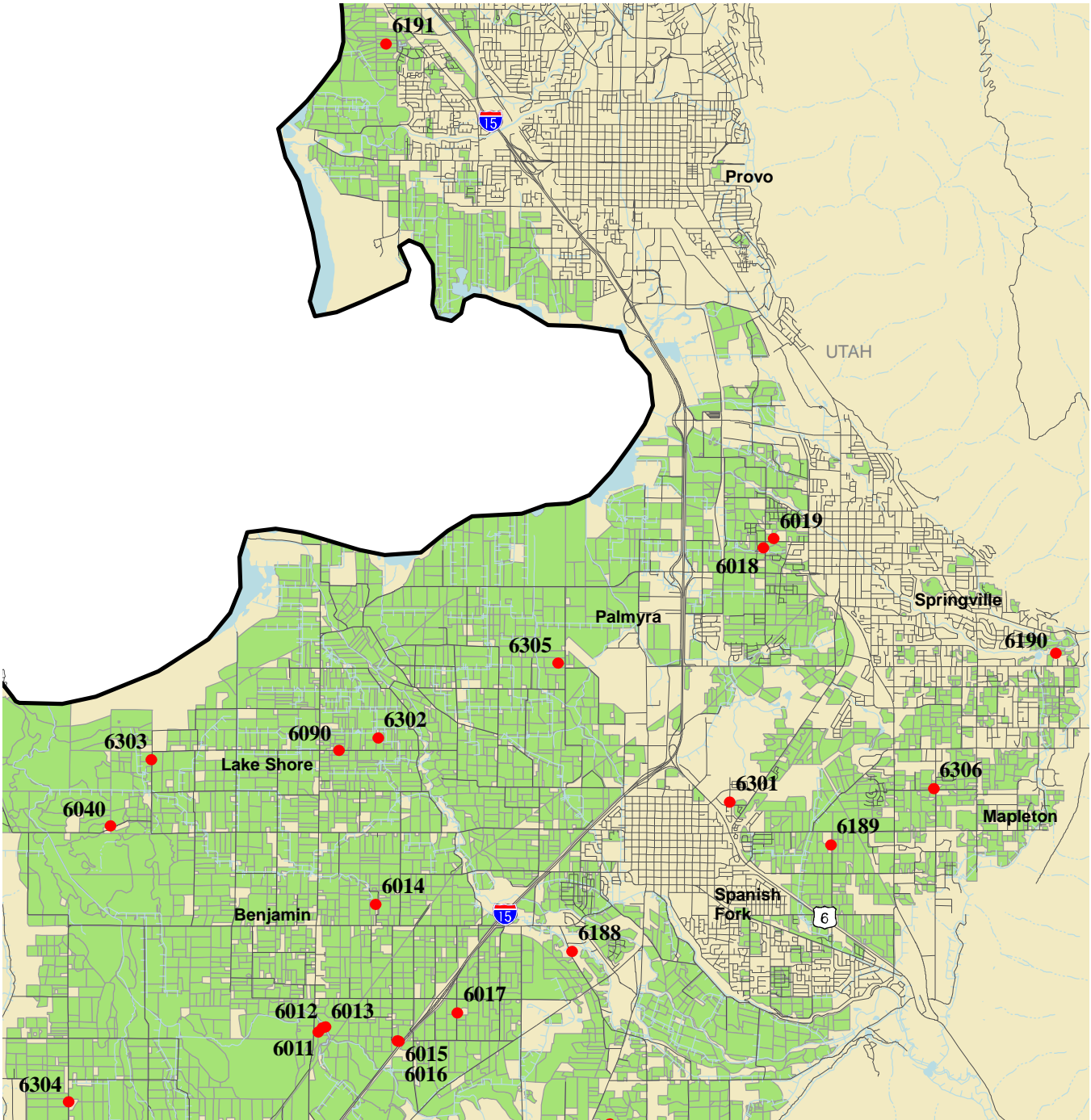


District Location





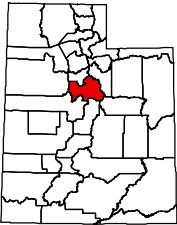
Map 16. Timp-Nebo District - Spanish Fork Area



Map Scale 1:120,000 (1 inch = 1.9 miles)



District Location



- |  |                 |  |                     |
|--|-----------------|--|---------------------|
|  | Sample location |  | Intermittent stream |
|  | Road            |  | Water body          |
|  | Stream          |  | Irrigated cropland  |
|  | Ditch or canal  |  | SCD boundary        |
|  | Aqueduct        |  |                     |

# Wasatch District

## General:

### General Sample Information

	Sample No	Collected Date	Coliform	Ecoli	Temperatura	EC	TDS mg/L	SAR meq/Lmg/L	Hardness	Sample Site	Site Condition	Well Head	Material	Casing Condition	Cullinary	Irrigation	Industrial	Landscape	Natural	Drainage	Other
1	6116	7/19/2006	ND	ND	53.2 F (11.8 C)	384	222.0	0.300	177.4	Well	Clean	Soil	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	6117	7/19/2006	POS	ND	60.8 F (16.0 C)	487	270.0	0.400	218.9	Well	Clean	Concrete Pad	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	6118	7/19/2006	POS	ND	54.1 F (12.3 C)	571	326.0	0.300	283.1	Spring	Vegetated	Natural	PVC	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	6119	7/19/2006	POS	ND	50.7 F (10.4 C)	581	328.0	0.300	286.8	Spring	Vegetated	Natural	PVC	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	6120	7/19/2006	ND	ND	52.5 F (11.4 C)	605	346.0	0.400	296.5	Well	Clean	Covered	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	6122	7/19/2006	ND	ND	67.3 F (19.6 C)	568	342.0	0.400	289.0	Well	Vegetated	Lawn	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	6123	7/19/2006	ND	ND	59.9 F (15.5 C)	426	244.0	0.500	180.8	Well	Clean	Covered	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	6124	7/19/2006	POS	POS	49.6 F (9.8 C)	384	222.0	0.400	162.1	Well	Vegetated	Lawn	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	6125	7/19/2006	POS	ND	55.9 F (13.3 C)	605	322.0	0.300	271.1	Well	Vegetated	Well House	Rock	Open	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	6126	7/19/2006	POS	ND	52.9 F (11.6 C)	322	196.0	0.300	150.8	Well	Vegetated	Lawn	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11	6127	7/19/2006	ND	ND	58.6 F (14.8 C)	561	326.0	0.500	267.3	Well	Vegetated	Natural	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bacteria Positive Sample Count			6	1	ND - Not Detected																

## Irrigation:

Irrigation Standards			5	0.5;1.0;2.0;	.1	100000	71;355	1	1000	1	0.2	1	5	73.2;152.5	10000	2.5	100000
	Sample No	Tested Date	Al mg/L	B mg/L	Be mg/L	Ca mg/L	Cl mg/L	Co mg/L	CO3 mg/L	Cr mg/L	Cu mg/L	F mg/L	Fe mg/L	HCO3 mg/L	K mg/L	Li mg/L	Mg mg/L
1	6116	7/21/2006	ND	0.0220	ND	53.6580	15.3666	ND	ND	0.0021	0.0120	ND	ND	189.4810	1.8488	0.0063	10.5107
2	6117	7/21/2006	ND	0.0268	ND	64.3423	26.3777	ND	ND	0.0020	0.2629	ND	ND	224.3230	1.4539	0.0051	14.0957
3	6118	7/21/2006	ND	0.0203	ND	76.8089	12.7631	ND	ND	0.0027	0.0108	ND	ND	300.3700	0.4668	0.0066	22.0995
4	6119	7/21/2006	ND	0.0199	ND	77.6686	11.7412	ND	ND	0.0026	0.0078	ND	ND	302.8980	0.4817	0.0066	22.4826
5	6120	7/21/2006	ND	0.0363	ND	79.6699	17.4574	ND	ND	0.0031	0.0154	ND	ND	342.5030	1.2977	0.0138	23.6139
6	6122	7/21/2006	ND	0.0232	ND	82.6858	16.9503	ND	ND	0.0034	0.0623	ND	ND	342.1200	3.3128	0.0086	19.9626
7	6123	7/21/2006	ND	0.0223	ND	53.6693	15.0178	ND	ND	0.0022	0.1176	ND	ND	234.6510	1.8434	0.0078	11.3286
8	6124	7/21/2006	ND	0.0498	ND	48.2218	5.7322	ND	ND	0.0020	0.0239	ND	ND	221.4720	3.3863	0.0050	10.0891
9	6125	7/21/2006	ND	0.0198	ND	90.0620	59.6237	ND	ND	0.0015	0.0735	ND	ND	243.0360	2.6195	0.0044	11.1540
10	6126	7/21/2006	ND	0.0160	ND	46.0971	9.1908	ND	ND	0.0020	0.0121	ND	ND	197.0480	2.0078	0.0062	8.6252
11	6127	7/21/2006	ND	0.0263	ND	90.6165	10.7212	ND	ND	0.0027	0.0100	ND	ND	331.0210	0.6480	0.0100	9.8923
Test Count that Exceeded Standard			0	0	0	0	0	0	0	0	1	0	0	11	0	0	0

ND - Not Detected



### Irrigation Standards Continues

	Sample No	Tested Date	.2 Mn mg/L	.01 Mo mg/L	70;230 Na mg/L	.2 Ni mg/L	5 Pb mg/L	10000 PO4 mg/L	3;9 SAR meq/L	.02 Se mg/L	151;451;13 TDS mg/L	.1 V mg/L	2 Zn mg/L
1	6116	7/21/2006	ND	ND	7.8774	ND	ND	ND	0.3000	ND	222.0000	0.0033	0.0091
2	6117	7/21/2006	0.0050	ND	12.9942	0.0009	ND	ND	0.4000	ND	270.0000	0.0020	0.1250
3	6118	7/21/2006	ND	ND	11.2720	ND	ND	ND	0.3000	ND	326.0000	ND	0.0104
4	6119	7/21/2006	ND	ND	11.0966	ND	ND	ND	0.3000	ND	328.0000	ND	0.0031
5	6120	7/21/2006	ND	0.0006	16.1780	ND	0.0014	ND	0.4000	ND	346.0000	0.0052	0.0232
6	6122	7/21/2006	0.0010	ND	15.5006	ND	ND	ND	0.4000	ND	342.0000	0.0051	0.0138
7	6123	7/21/2006	ND	0.0006	16.6651	ND	ND	ND	0.5000	ND	244.0000	0.0057	0.0151
8	6124	7/21/2006	0.1432	ND	11.3445	0.0013	ND	ND	0.4000	ND	222.0000	0.0049	2.7060
9	6125	7/21/2006	0.0005	ND	11.4476	0.0012	ND	ND	0.3000	ND	322.0000	0.0030	0.1499
10	6126	7/21/2006	0.0005	0.0007	8.6092	ND	ND	ND	0.3000	ND	196.0000	0.0061	0.0083
11	6127	7/21/2006	0.0006	ND	17.3215	0.0008	ND	ND	0.5000	ND	326.0000	0.0019	0.0287
Test Count that Exceeded Standard:			0	0	0	0	0	0	0	0	11	0	1

ND - Not Detected

### Livestock:

#### Livestock Standards

	Sample No	Tested Date	5 Al mg/L	0.2 As mg/L	5 B mg/L	.1 Be mg/L	0.05 Cd mg/L	1 Co mg/L	1 Cr mg/L	.5 Cu mg/L	2 F mg/L	10 Hg ug/L	100 NO3 mg/L	.1 Pb mg/L	5.5-8.3 pH -	.05 Se mg/L	167;333 SO4 mg/L	1000;3000; TDS mg/L	25 Zn mg/L
1	6116	7/21/2006	ND	ND	0.0220	ND	ND	ND	0.0021	0.0120	ND	ND	1.5952	ND	6.9700	ND	20.0679	222.0000	0.0091
2	6117	7/21/2006	ND	ND	0.0268	ND	ND	ND	0.0020	0.2629	ND	ND	2.2135	ND	7.0800	ND	27.0524	270.0000	0.1250
3	6118	7/21/2006	ND	ND	0.0203	ND	ND	ND	0.0027	0.0108	ND	ND	0.2876	ND	7.6500	ND	47.5467	326.0000	0.0104
4	6119	7/21/2006	ND	ND	0.0199	ND	ND	ND	0.0026	0.0078	ND	ND	0.2227	ND	7.6800	ND	48.2078	328.0000	0.0031
5	6120	7/21/2006	ND	0.0026	0.0363	ND	ND	ND	0.0031	0.0154	ND	ND	2.1057	0.0014	7.5000	ND	23.1726	346.0000	0.0232
6	6122	7/21/2006	ND	0.0028	0.0232	ND	ND	ND	0.0034	0.0623	ND	ND	2.7018	ND	7.1100	ND	21.4622	342.0000	0.0138
7	6123	7/21/2006	ND	0.0037	0.0223	ND	ND	ND	0.0022	0.1176	ND	ND	1.2352	ND	7.1000	ND	11.7462	244.0000	0.0151
8	6124	7/21/2006	ND	ND	0.0498	ND	ND	ND	0.0020	0.0239	ND	ND	0.6157	ND	6.8100	ND	10.2803	222.0000	2.7060
9	6125	7/21/2006	ND	ND	0.0198	ND	ND	ND	0.0015	0.0735	ND	ND	2.9558	ND	6.8400	ND	7.3526	322.0000	0.1499
10	6126	7/21/2006	ND	0.0026	0.0160	ND	ND	ND	0.0020	0.0121	ND	ND	0.6689	ND	7.4300	ND	6.8782	196.0000	0.0083
11	6127	7/21/2006	ND	ND	0.0263	ND	ND	ND	0.0027	0.0100	ND	ND	1.6320	ND	7.3700	ND	21.8092	326.0000	0.0287
Test Count that Exceeded Standard			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ND - Not Detected



Culinary:

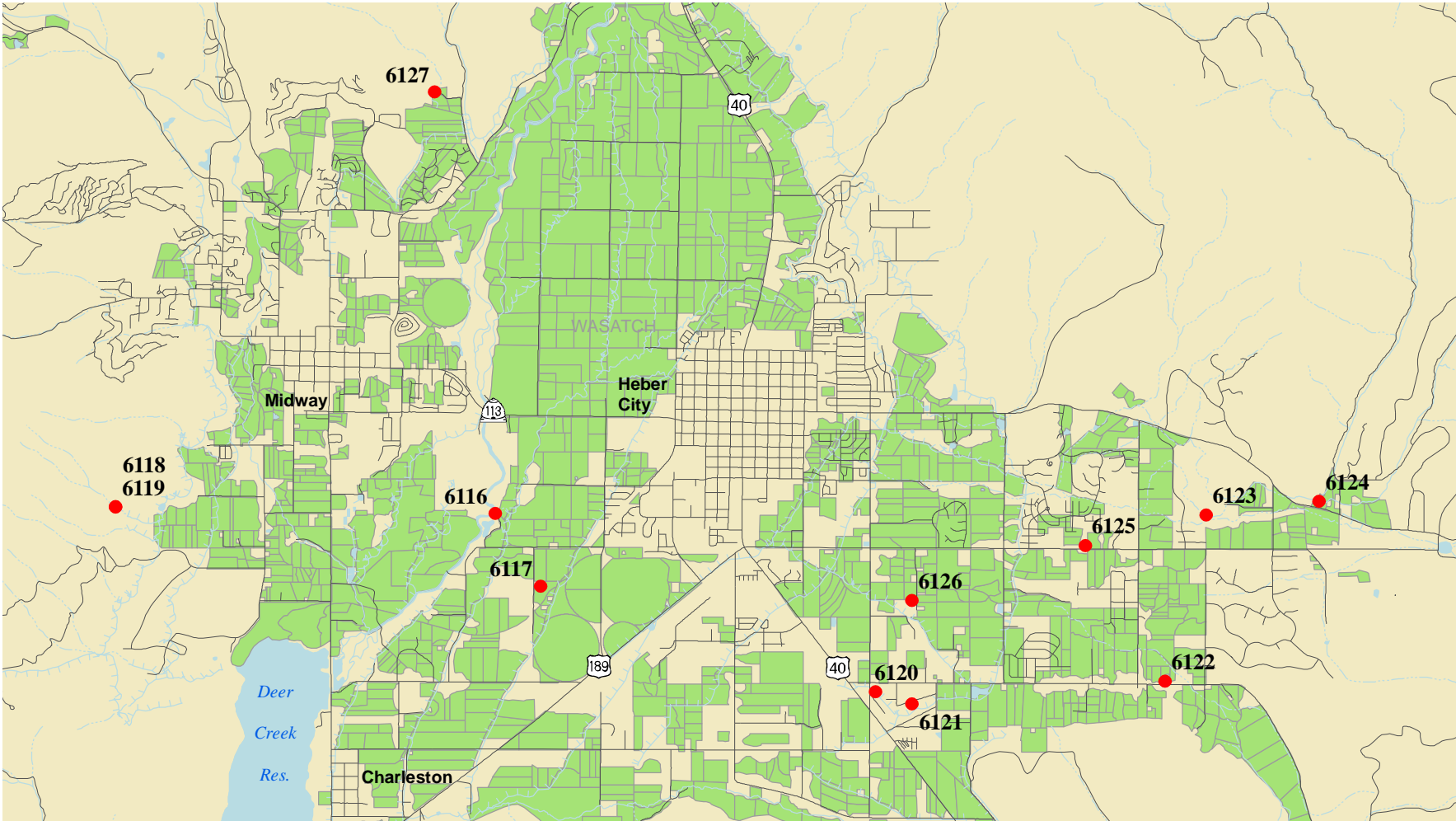
Drinking Water Primary Standards			0.01	2	0.004	1	0.005	25	0.1	1.3	4	2	10000	1000	10	.015	.05	500	2000
			As	Ba	Be	Br	Cd	ClO4	Cr	Cu	F	Hg	Na	Ni	NO3	Pb	Se	SO4	TDS
			mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Sample No	Tested Date																		
1	6116	7/21/2006	ND	0.1677	ND	ND	ND	ND	0.0021	0.0120	ND	ND	7.8774	ND	1.5952	ND	ND	20.0679	222.0000
2	6117	7/21/2006	ND	0.1318	ND	ND	ND	ND	0.0020	0.2629	ND	ND	12.9942	0.0009	2.2135	ND	ND	27.0524	270.0000
3	6118	7/21/2006	ND	0.0161	ND	ND	ND	ND	0.0027	0.0108	ND	ND	11.2720	ND	0.2876	ND	ND	47.5467	326.0000
4	6119	7/21/2006	ND	0.0164	ND	ND	ND	ND	0.0026	0.0078	ND	ND	11.0966	ND	0.2227	ND	ND	48.2078	328.0000
5	6120	7/21/2006	0.0026	0.1402	ND	ND	ND	ND	0.0031	0.0154	ND	ND	16.1780	ND	2.1057	0.0014	ND	23.1726	346.0000
6	6122	7/21/2006	0.0028	0.1914	ND	ND	ND	ND	0.0034	0.0623	ND	ND	15.5006	ND	2.7018	ND	ND	21.4622	342.0000
7	6123	7/21/2006	0.0037	0.4100	ND	ND	ND	ND	0.0022	0.1176	ND	ND	16.6651	ND	1.2352	ND	ND	11.7462	244.0000
8	6124	7/21/2006	ND	0.2197	ND	ND	ND	ND	0.0020	0.0239	ND	ND	11.3445	0.0013	0.6157	ND	ND	10.2803	222.0000
9	6125	7/21/2006	ND	0.3027	ND	ND	ND	ND	0.0015	0.0735	ND	ND	11.4476	0.0012	2.9558	ND	ND	7.3526	322.0000
10	6126	7/21/2006	0.0026	0.0983	ND	ND	ND	ND	0.0020	0.0121	ND	ND	8.6092	ND	0.6689	ND	ND	6.8782	196.0000
11	6127	7/21/2006	ND	0.0195	ND	ND	ND	ND	0.0027	0.0100	ND	ND	17.3215	0.0008	1.6320	ND	ND	21.8092	326.0000
Test Count that Exceeded Standard			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ND - Not Detected










Drinking Water Secondary Standards:			0.1	0.5	250	1	2	0.3	60,120,180	.05	6.5-8.5	1000	250	200	5
			Ag	Al	Cl	Cu	F	Fe	Hardnes	Mn	pH	Si	SO4	TDS	Zn
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	s	mg/L	-	mg/L	mg/L	mg/L	mg/L
Sample No	Tested Date														
1	6116	7/21/2006	ND	ND	15.3666	0.0120	ND	ND	177.4000	ND	6.9700	17.4393	20.0679	222.0000	0.0091
2	6117	7/21/2006	ND	ND	26.3777	0.2629	ND	ND	218.9000	0.0050	7.0800	11.3777	27.0524	270.0000	0.1250
3	6118	7/21/2006	ND	ND	12.7631	0.0108	ND	ND	283.1000	ND	7.6500	6.6554	47.5467	326.0000	0.0104
4	6119	7/21/2006	ND	ND	11.7412	0.0078	ND	ND	286.8000	ND	7.6800	6.7564	48.2078	328.0000	0.0031
5	6120	7/21/2006	ND	ND	17.4574	0.0154	ND	ND	296.5000	ND	7.5000	13.6930	23.1726	346.0000	0.0232
6	6122	7/21/2006	ND	ND	16.9503	0.0623	ND	ND	289.0000	0.0010	7.1100	10.4398	21.4622	342.0000	0.0138
7	6123	7/21/2006	ND	ND	15.0178	0.1176	ND	ND	180.8000	ND	7.1000	16.6390	11.7462	244.0000	0.0151
8	6124	7/21/2006	ND	ND	5.7322	0.0239	ND	ND	162.1000	0.1432	6.8100	23.4239	10.2803	222.0000	2.7060
9	6125	7/21/2006	ND	ND	59.6237	0.0735	ND	ND	271.1000	0.0005	6.8400	17.3200	7.3526	322.0000	0.1499
10	6126	7/21/2006	ND	ND	9.1908	0.0121	ND	ND	150.8000	0.0005	7.4300	17.2264	6.8782	196.0000	0.0083
11	6127	7/21/2006	ND	ND	10.7212	0.0100	ND	ND	267.3000	0.0006	7.3700	9.9365	21.8092	326.0000	0.0287
Test Count that Exceeded Standard:			0	0	0	0	0	0	11	1	0	0	0	10	0

ND - Not Detected

Map 17. Wasatch District

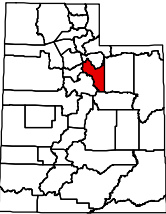


Map Scale 1:75,000 (1 inch = 1.2 miles)

- |   |                 |   |                     |
|---|-----------------|---|---------------------|
|  | Sample location |  | Intermittent stream |
|  | Road            |  | Water body          |
|  | Stream          |  | Irrigated cropland  |
|  | Ditch or canal  |  | SCD boundary        |
|  | Aqueduct        |   |                     |



District Location



## **UACD Zone 4 (Juab, Millard, and Wayne counties, most of Piute, Sanpete and Sevier counties, and a small part of Garfield County)**

Forty-four (44) sites were sampled in five (5) of the seven (7) Soil Conservation Districts in Zone 4 during the spring, summer, and fall of 2006. These include the number of samples in the following districts: four (4) Fremont River, two (2) Juab, twenty (20) Millard, thirteen (13) Sanpete County, and five (5) Sevier County. No samples were collected in the Delta or Piute County districts.

The Statistical Report below shows a summary of the total number of chemical tests collected (Test Count) for each district in Zone 4. The next four columns summarize the number of tests which exceed the standards for either Primary Drinking Water (DW Primary), Secondary Drinking Water (DW Secondary), Irrigation, or Livestock.

### **Ground Water UACD Zone No 4 Statistical Report For the Samples Collected Between: 1/1/2005 And 4/6/2007**

District Name	Sample Count	Test Count	Test Count Which Result Exceeded Standards			
			DW Primary	DW Secondary	Irrigation	Livestock
Fremont River	4	160	3	11	18	4
Juab	2	80	0	4	8	0
Millard	20	800	4	46	63	8
Sanpete Co.	34	1360	9	78	114	14
Sevier Co.	5	200	0	11	12	0
<b>Zone Totals:</b>	<b>65</b>	<b>2600</b>	<b>16</b>	<b>150</b>	<b>215</b>	<b>26</b>

Detailed tables follow covering the above water quality categories - General, Irrigation, Livestock, and Culinary (which includes Primary Drinking Water Standards and Secondary Drinking Water Standards) for each district along with a map(s). For the Irrigation, Livestock, and Culinary tables the first row lists the explicit standard for each element or compound (column). The standards for irrigation and livestock originated from the *Water quality for agriculture 29 Revision 1*, published by the Food and Agriculture Organization of the United Nations. The drinking water primary and secondary standards are from the State of Utah's water quality standards. Below the standards are the column headings expressed as the chemical abbreviation for each element or compound tested. Units used in measuring the concentrations of each element or compound are found below each abbreviation. Each row of the table is a single sample identified with a sample number. This sample number shows the sampling location on the map(s) found after the chemistry tables. Highlighted sample results show samples that exceed a standard for that element or compound. Totals at the bottom of each table show how many samples in each column exceeded the standard for that column. The value "ND" indicates that a particular element or compound was "Not Detected" for a given sample.



# Fremont River District

## General:

### General Sample Information

	Sample No	Collected Date	Coliform	Ecoli	Temperatura	EC	TDS mg/L	SAR meq/L/mg/L	Hardness	Sample Site	Site Condition	Well Head	Material	Casing Condition	Cullinary	Irrigation	Industrial	Landscape	Natural	Drainage	Other
1	6265	9/19/2006	ND	ND	51.1 F (10.6 C)	802	465.0	0.300	406.2	Well	Cobble	Soil	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	6266	9/19/2006	ND	ND	60.6 F (15.9 C)	694	391.0	5.700	77.80	Flowing Well	Clean	Soil	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	6267	9/19/2006	POS	ND	60.1 F (15.6 C)	9230	7155.	6.700	3531.	Well	Clay Soil	Soil	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	6359	10/17/2006	POS	ND	63.3 F (17.4 C)	914	630.0	0.900	470.4	Well	Clean	Concrete Pad	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bacteria Positive Sample Count			2	0	ND - Not Detected																

## Irrigation:

### Irrigation Standards

	Sample No	Tested Date	AI mg/L	B mg/L	Be mg/L	Ca mg/L	Cl mg/L	Co mg/L	CO3 mg/L	Cr mg/L	Cu mg/L	F mg/L	Fe mg/L	HCO3 mg/L	K mg/L	Li mg/L	Mg mg/L
1	6265	9/22/2006	ND	0.0824	ND	122.4873	9.7235	ND	ND	ND	0.0299	ND	ND	393.9580	2.3872	0.0088	24.2748
2	6266	9/22/2006	ND	0.1492	ND	20.6235	3.9125	ND	ND	ND	0.0096	ND	ND	237.8320	1.7211	0.0367	6.3779
3	6267	9/22/2006	ND	1.7230	ND	498.1772	107.7655	0.0014	ND	0.0015	0.2604	ND	ND	100.9330	34.4788	0.4797	554.8299
4	6359	10/23/2006	ND	0.0338	ND	108.1020	20.5058	ND	ND	ND	0.0133	ND	ND	182.4980	2.5198	0.0062	48.5853
Test Count that Exceeded Standard			0	1	0	0	1	0	0	0	1	0	0	4	0	0	0

ND - Not Detected

### Irrigation Standards Continues

	Sample No	Tested Date	Mn mg/L	Mo mg/L	Na mg/L	Ni mg/L	Pb mg/L	PO4 mg/L	SAR meq/L	Se mg/L	TDS mg/L	V mg/L	Zn mg/L
1	6265	9/22/2006	0.0011	0.0016	15.8575	0.0007	0.0019	ND	0.3000	ND	465.0000	ND	0.0541
2	6266	9/22/2006	0.0022	0.0294	115.5967	ND	ND	ND	5.7000	ND	391.0000	ND	0.0107
3	6267	9/22/2006	0.0363	0.0040	912.0889	1.0480	0.1413	ND	6.7000	0.0063	7155.0000	ND	5.2260
4	6359	10/23/2006	0.0016	0.0005	44.3683	0.0008	ND	ND	0.9000	0.0051	630.0000	ND	0.0471
Test Count that Exceeded Standard:			0	1	2	1	0	0	2	0	4	0	1

ND - Not Detected

## Livestock:

### Livestock Standards

	Sample No	Tested Date	AI mg/L	As mg/L	B mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	F mg/L	Hg ug/L	NO3 mg/L	Pb mg/L	pH	Se mg/L	SO4 mg/L	TDS mg/L	Zn mg/L
1	6265	9/22/2006	ND	ND	0.0824	ND	ND	ND	ND	0.0299	ND	ND	3.6882	0.0019	7.7100	ND	76.8639	465.0000	0.0541
2	6266	9/22/2006	ND	0.0093	0.1492	ND	ND	ND	ND	0.0096	ND	ND	0.2873	ND	8.0900	ND	119.4573	391.0000	0.0107
3	6267	9/22/2006	ND	ND	1.7230	ND	0.0012	0.0014	0.0015	0.2604	ND	ND	2.1603	0.1413	7.6400	0.0063	4991.8330	7155.0000	5.2260
4	6359	10/23/2006	ND	ND	0.0338	ND	ND	ND	ND	0.0133	ND	ND	1.6641	ND	7.9700	0.0051	308.7669	630.0000	0.0471
Test Count that Exceeded Standard			0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	1	0

ND - Not Detected

Culinary:

Drinking Water Primary Standards			0.01	2	0.004	1	0.005	25	0.1	1.3	4	2	10000	1000	10	.015	.05	500	2000
			As	Ba	Be	Br	Cd	ClO4	Cr	Cu	F	Hg	Na	Ni	NO3	Pb	Se	SO4	TDS
			mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
1	6265	9/22/2006	ND	0.0632	ND	ND	ND	ND	ND	0.0299	ND	ND	15.8575	0.0007	3.6882	0.0019	ND	76.8639	465.0000
2	6266	9/22/2006	0.0093	0.0136	ND	ND	ND	ND	ND	0.0096	ND	ND	115.5967	ND	0.2873	ND	ND	119.4573	391.0000
3	6267	9/22/2006	ND	0.0274	ND	ND	0.0012	ND	0.0015	0.2604	ND	ND	912.0889	1.0480	2.1603	0.1413	0.0063	4991.8330	7155.0000
4	6359	10/23/2006	ND	0.0136	ND	ND	ND	ND	ND	0.0133	ND	ND	44.3683	0.0008	1.6641	ND	0.0051	308.7669	630.0000
Test Count that Exceeded Standard			0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1

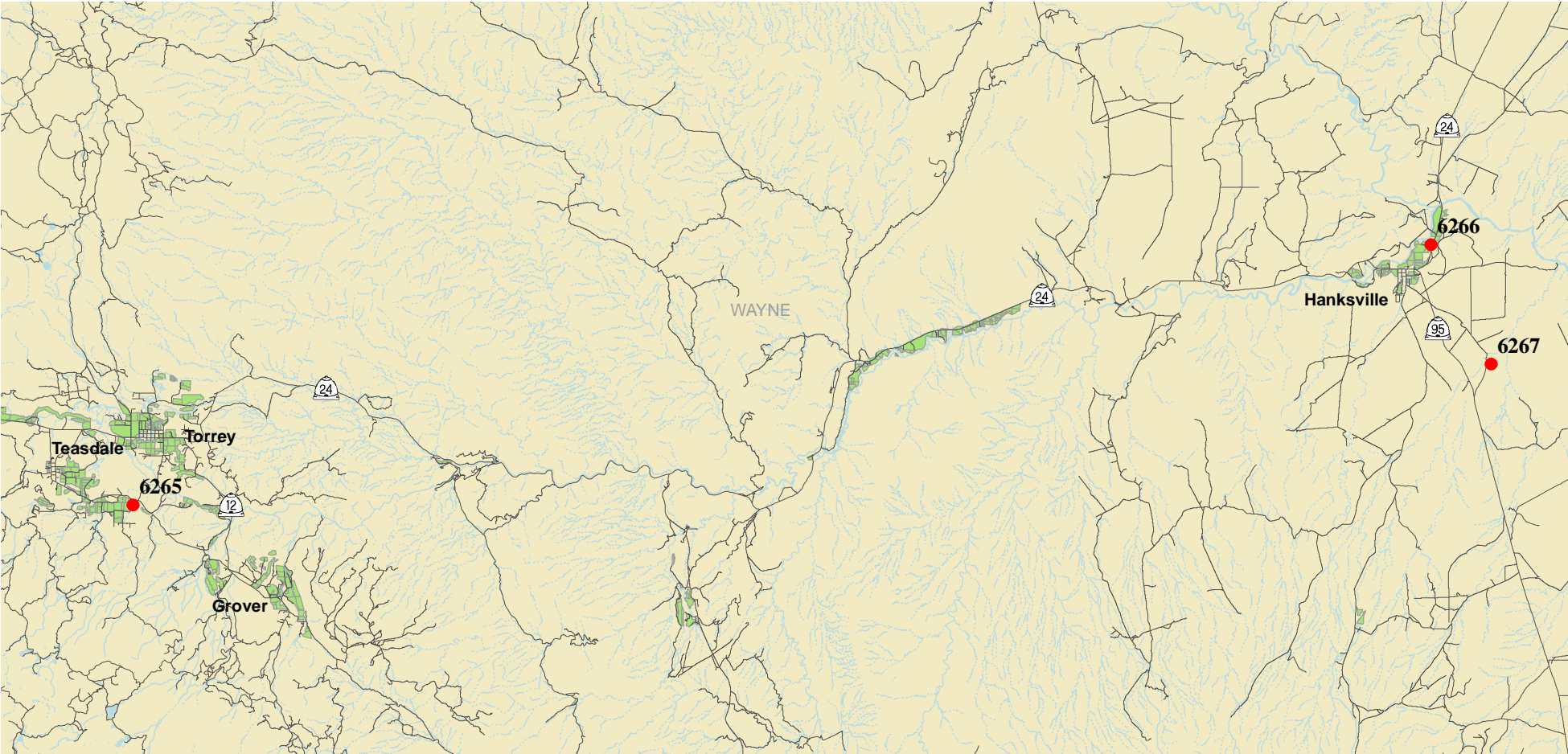
ND - Not Detected

Drinking Water Secondary Standards:			0.1	0.5	250	1	2	0.3	60;120;180	.05	6.5-8.5	1000	250	200	5
			Ag	Al	Cl	Cu	F	Fe	Hardnes	Mn	pH	Si	SO4	TDS	Zn
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	s	mg/L	-	mg/L	mg/L	mg/L	mg/L
1	6265	9/22/2006	ND	ND	9.7235	0.0299	ND	ND	406.2000	0.0011	7.7100	15.0452	76.8639	465.0000	0.0541
2	6266	9/22/2006	ND	ND	3.9125	0.0096	ND	ND	77.8000	0.0022	8.0900	5.5939	119.4573	391.0000	0.0107
3	6267	9/22/2006	ND	ND	107.7655	0.2604	ND	ND	3531.3000	0.0363	7.6400	4.1562	4991.8330	7155.0000	5.2260
4	6359	10/23/2006	ND	ND	20.5058	0.0133	ND	ND	470.4000	0.0016	7.9700	5.5936	308.7669	630.0000	0.0471
Test Count that Exceeded Standard:			0	0	0	0	0	0	4	0	0	0	2	4	1

ND - Not Detected












Map 18. Fremont River District

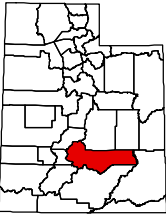


Map Scale 1:300,000 (1 inch = 4.7 miles)



- |   |                 |   |                     |
|---|-----------------|---|---------------------|
|  | Sample location |  | Intermittent stream |
|  | Road            |  | Water body          |
|  | Stream          |  | Irrigated cropland  |
|  | Ditch or canal  |  | SCD boundary        |
|  | Aqueduct        |   |                     |

District Location





# Juab District

## General:

### General Sample Information

Sample No	Collected Date	Coliform	Ecoli	Temperatura	EC	TDS mg/L	SAR meq/L	Hardness mg/L	Sample Site	Site Condition	Well Head	Material	Casing Condition	Cullinary	Irrigation	Industrial	Landscape	Natural	Drainage	Other
1	6317	10/3/2006	ND	ND	53.6 F (12.0 C)	1356	804.0	2.300	484.0	Well	Cobble	Soil	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	6318	10/3/2006	POS	ND	53.2 F (11.8 C)	1064	669.0	1.700	429.5	Spring	Gravel	Natural	Rock	Open	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bacteria Positive Sample Count		1	0	ND - Not Detected																

## Irrigation:

### Irrigation Standards

Irrigation Standards			5	0.5;1.0;2.0;	.1	100000	71;355	1	1000	1	0.2	1	5	73.2;152.5	10000	2.5	100000
	Sample No	Tested Date	Al mg/L	B mg/L	Be mg/L	Ca mg/L	Cl mg/L	Co mg/L	CO3 mg/L	Cr mg/L	Cu mg/L	F mg/L	Fe mg/L	HCO3 mg/L	K mg/L	Li mg/L	Mg mg/L
1	6317	10/13/2006	ND	0.0532	ND	134.9981	190.9647	ND	ND	0.0010	0.0061	ND	ND	490.2120	4.0629	0.0105	35.5625
2	6318	10/13/2006	ND	0.0955	ND	84.5724	73.5033	ND	ND	ND	0.0043	ND	ND	412.5830	2.1837	0.0398	52.9276
Test Count that Exceeded Standard			0	0	0	0	2	0	0	0	0	0	0	2	0	0	0

ND - Not Detected

### Irrigation Standards Continues

Irrigation Standards Continues			.2	.01	70,230	.2	5	10000	3:9	.02	151,451;13	.1	2
	Sample No	Tested Date	Mn mg/L	Mo mg/L	Na mg/L	Ni mg/L	Pb mg/L	PO4 mg/L	SAR meq/L	Se mg/L	TDS mg/L	V mg/L	Zn mg/L
1	6317	10/13/2006	ND	ND	117.6503	ND	ND	ND	2.3000	ND	804.0000	ND	0.0468
2	6318	10/13/2006	0.0013	0.0024	82.8316	ND	ND	ND	1.7000	ND	669.0000	0.0033	ND
Test Count that Exceeded Standard:			0	0	2	0	0	0	0	0	2	0	0

ND - Not Detected

## Livestock:

### Livestock Standards

Sample No	Tested Date	Al mg/L	As mg/L	B mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	F mg/L	Hg ug/L	NO3 mg/L	Pb mg/L	pH	Se mg/L	SO4 mg/L	TDS mg/L	Zn mg/L
1	6317	10/13/2006	ND	ND	0.0532	ND	ND	0.0010	0.0061	ND	ND	2.5995	ND	7.6400	ND	64.1549	804.0000	0.0468
2	6318	10/13/2006	ND	ND	0.0955	ND	ND	ND	0.0043	ND	ND	0.7316	ND	7.6500	ND	159.0569	669.0000	ND
Test Count that Exceeded Standard		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ND - Not Detected

Culinary:

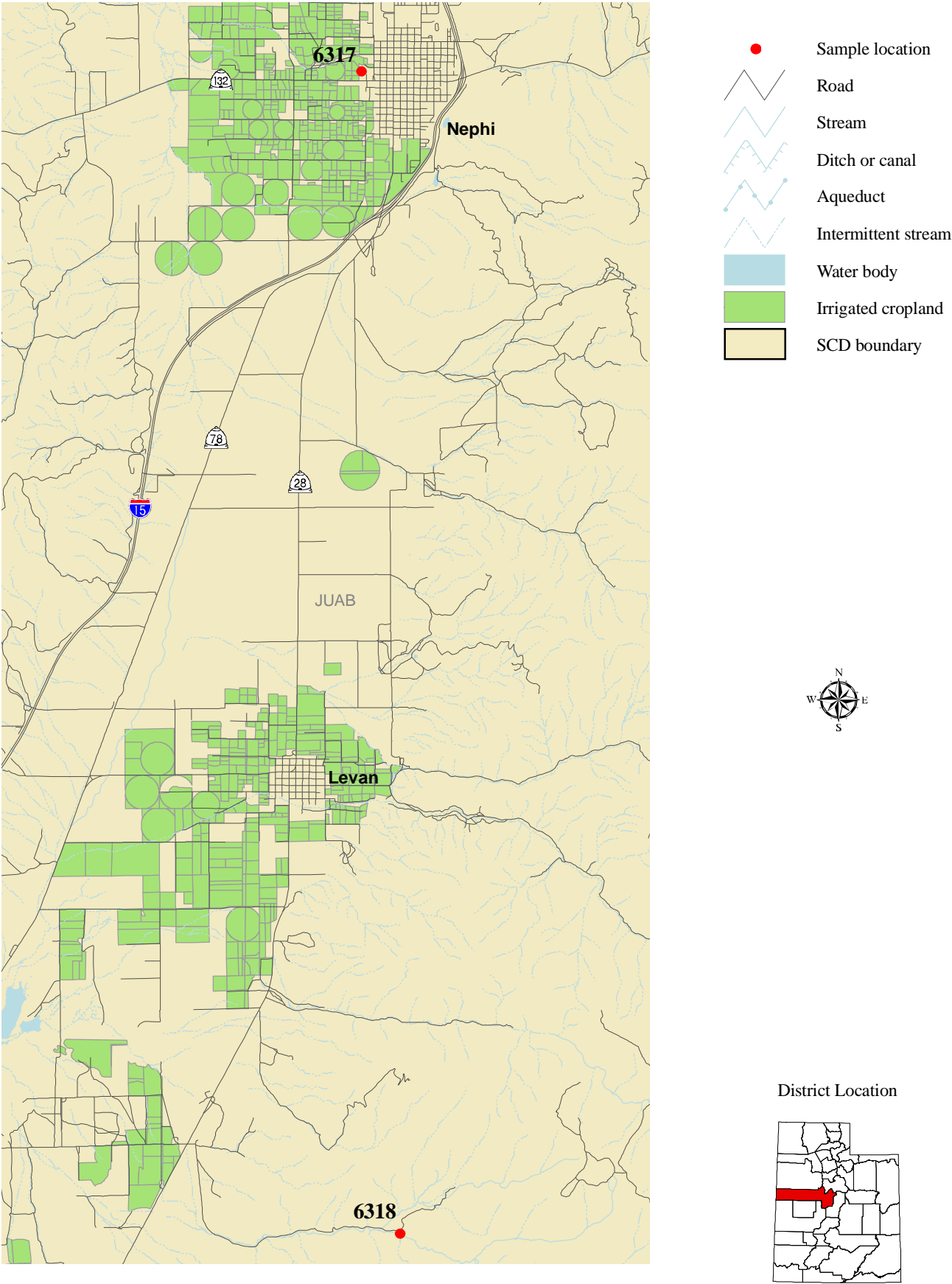
Drinking Water Primary Standards			0.01	2	0.004	1	0.005	25	0.1	1.3	4	2	10000	1000	10	.015	.05	500	2000
			As	Ba	Be	Br	Cd	ClO4	Cr	Cu	F	Hg	Na	Ni	NO3	Pb	Se	SO4	TDS
			mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
1	6317	10/13/2006	ND	0.1159	ND	ND	ND	ND	0.0010	0.0061	ND	ND	117.6503	ND	2.5995	ND	ND	64.1549	804.0000
2	6318	10/13/2006	ND	0.0237	ND	ND	ND	ND	ND	0.0043	ND	ND	82.8316	ND	0.7316	ND	ND	159.0569	669.0000
Test Count that Exceeded Standard			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ND - Not Detected

Drinking Water Secondary Standards:			0.1	0.5	250	1	2	0.3	60;120;180	.05	6.5-8.5	1000	250	200	5
			Ag	Al	Cl	Cu	F	Fe	Hardnes	Mn	pH	Si	SO4	TDS	Zn
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	s	mg/L	-	mg/L	mg/L	mg/L	mg/L
1	6317	10/13/2006	ND	ND	190.9647	0.0061	ND	ND	484.0000	ND	7.6400	12.0565	64.1549	804.0000	0.0468
2	6318	10/13/2006	ND	ND	73.5033	0.0043	ND	ND	429.5000	0.0013	7.6500	9.2494	159.0569	669.0000	ND
Test Count that Exceeded Standard:			0	0	0	0	0	0	2	0	0	0	0	2	0

ND - Not Detected

Map 19. Juab District



Map Scale 1:135,000 (1 inch = 2.1 miles)



**General:**

	Sample No	Collected Date	Coliform	Ecoli	Temperatura	EC	TDS mg/L	SAR meq/L	Hardness mg/L	Sample Site	Site Condition	Well Head	Material	Casing Condition	Cullinary	Irrigation	Industrial	Landscape	Natural	Drainage	Other
1	6135	8/2/2006	POS	ND	57.4 F (14.1 C)	816	487.0	2.100	287.4	Well	Clean	Soil	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	6136	8/2/2006	POS	ND	59.9 F (15.5 C)	1038	558.0	1.200	414.3	Well	Vegetated	Concrete Pad	Steel	Open	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	6137	8/2/2006	POS	ND	61.3 F (16.3 C)	1321	764.0	1.000	583.9	Well	Vegetated	Concrete Pad	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	6138	8/2/2006	POS	ND	57.4 F (14.1 C)	1547	842.0	1.000	652.5	Well	Clean	Concrete Pad	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	6139	8/2/2006	ND	ND	57.9 F (14.4 C)	952	472.0	0.700	391.7	Well	Clean	Concrete Pad	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	6140	8/2/2006	ND	ND	62.6 F (17.0 C)	551	301.0	0.600	225.9	Well	Clean	Soil	Steel	Open	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	6141	8/2/2006	POS	ND	72.7 F (22.6 C)	806	365.0	1.000	257.1	Well	Clean	Covered	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	6142	8/2/2006	ND	ND	63.5 F (17.5 C)	621	340.0	0.800	249.3	Well	Clean	Concrete Pad	Steel	Open	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	6143	8/2/2006	POS	ND	64.4 F (18.0 C)	778	439.0	0.700	348.8	Well	Clean	Concrete Pad	Steel	Open	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	6144	8/2/2006	POS	POS	64.2 F (17.9 C)	981	483.0	0.800	370.7	Well	Clean	Covered	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11	6145	8/2/2006	ND	ND	63.9 F (17.7 C)	598	329.0	0.500	261.6	Well	Clean	Soil	Steel	Piping	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12	6146	8/2/2006	POS	ND	65.1 F (18.4 C)	1898	1204.	1.100	896.7	Well	Clean	Concrete Pad	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13	6147	8/2/2006	POS	ND	65.7 F (18.7 C)	1305	757.0	1.700	458.6	Well	Clean	Concrete Pad	Steel	Piping	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14	6148	8/2/2006	ND	ND	56.8 F (13.8 C)	843	466.0	0.900	342.6	Well	Clean	Concrete Pad	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15	6149	8/2/2006	ND	ND	58.3 F (14.6 C)	1044	578.0	1.200	393.7	Well	Clean	Concrete Pad	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16	6150	8/2/2006	ND	ND	56.5 F (13.6 C)	947	534.0	1.100	380.3	Well	Clean	Concrete Pad	Steel	Open	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17	6151	8/2/2006	POS	ND	62.2 F (16.8 C)	818	448.0	0.600	368.2	Well	Clean	Concrete Pad	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18	6152	8/2/2006	ND	ND	62.6 F (17.0 C)	965	513.0	1.300	339.0	Well	Clean	Soil	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19	6153	8/2/2006	POS	POS	62.8 F (17.1 C)	8270	4000.	6.700	2024.	Well	Vegetated	Soil	Steel	Open	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20	6154	8/2/2006	POS	POS	60.6 F (15.9 C)	4460	2086.	4.500	996.1	Well	Clean	Concrete Pad	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

<b>Bacteria Positive Sample Count</b>	<b>12</b>	<b>3</b>	<b>ND - Not Detected</b>
---------------------------------------	-----------	----------	--------------------------

**Irrigation:**

Irrigation Standards			5	0.5;1.0;2.0;	.1	100000	71,355	1	1000	1	0.2	1	5	73.2;152.5	10000	2.5	100000
	Sample No	Tested Date	Al mg/L	B mg/L	Be mg/L	Ca mg/L	Cl mg/L	Co mg/L	CO3 mg/L	Cr mg/L	Cu mg/L	F mg/L	Fe mg/L	HCO3 mg/L	K mg/L	Li mg/L	Mg mg/L
1	6135	8/4/2006	ND	0.1365	ND	61.9859	30.7782	ND	ND	0.0008	0.0153	ND	ND	462.3880	1.8445	0.0125	32.1530
2	6136	8/4/2006	ND	0.0743	ND	104.4433	86.2854	ND	ND	0.0009	0.0105	ND	ND	370.3110	3.0349	0.0322	37.1934
3	6137	8/4/2006	ND	0.0857	ND	153.3408	136.9237	ND	ND	0.0006	0.0101	ND	ND	336.4650	3.9866	0.0434	48.6739
4	6138	8/4/2006	ND	0.0464	ND	142.4738	282.0234	ND	ND	0.0010	0.0116	ND	ND	285.6440	2.5418	0.0175	71.9187
5	6139	8/4/2006	ND	0.0447	ND	87.0570	114.7229	ND	ND	0.0006	0.0125	ND	ND	305.4100	1.4993	0.0120	42.2530
6	6140	8/4/2006	ND	0.0376	ND	39.9801	50.4956	ND	ND	0.0013	0.0078	ND	ND	254.2540	2.0878	0.0333	30.5723
7	6141	8/4/2006	ND	0.0511	ND	46.8580	102.6442	ND	ND	0.0006	0.0108	ND	ND	223.3330	1.9528	0.0324	33.9577
8	6142	8/4/2006	ND	0.0479	ND	49.7532	81.0171	ND	ND	0.0016	0.0103	ND	ND	238.8150	1.8169	0.0249	30.3275
9	6143	8/4/2006	ND	0.0630	ND	65.8467	69.6234	ND	ND	ND	0.0116	ND	ND	365.8140	1.3255	0.0154	44.7111
10	6144	8/4/2006	ND	0.0359	ND	85.7243	209.1352	ND	ND	0.0009	0.0093	ND	ND	153.2180	1.9217	0.0242	37.9531
11	6145	8/4/2006	ND	0.0266	ND	52.3186	50.2647	ND	ND	0.0007	0.0111	ND	0.0108	297.8360	1.4893	0.0136	31.7372
12	6146	8/4/2006	ND	0.1546	ND	166.3511	242.8161	ND	ND	0.0012	0.0101	ND	ND	243.5580	4.9803	0.0989	116.6951
13	6147	8/4/2006	ND	0.2165	ND	83.9735	169.8979	ND	ND	0.0008	0.0104	ND	ND	264.3270	11.9281	0.2781	60.3529
14	6148	8/4/2006	ND	0.1000	ND	90.0813	70.2517	ND	ND	ND	0.0119	ND	ND	334.1140	3.3932	0.0371	28.4945
15	6149	8/4/2006	ND	0.1137	ND	109.6310	138.5801	ND	ND	0.0006	0.0079	ND	ND	275.6120	2.9829	0.0339	29.0410
16	6150	8/4/2006	ND	0.1310	ND	98.5197	85.0076	ND	ND	ND	0.0147	ND	ND	364.0410	2.2748	0.0170	32.5290
17	6151	8/4/2006	ND	0.0636	ND	94.5368	52.1422	ND	ND	ND	0.0106	ND	ND	390.9080	2.2083	0.0156	32.0148
18	6152	8/4/2006	ND	0.1905	ND	78.8484	118.8675	ND	ND	ND	0.0119	ND	ND	292.8270	7.2659	0.1230	34.4429
19	6153	8/4/2006	ND	2.3760	ND	438.5468	1517.4590	ND	ND	0.0010	0.0142	ND	ND	348.5810	53.6819	1.4310	225.3372
20	6154	8/4/2006	ND	1.2110	ND	210.2954	627.3142	ND	ND	0.0012	0.0132	ND	ND	300.3620	21.7429	0.6044	114.1556
Test Count that Exceeded Standard			0	2	0	0	14	0	0	0	0	0	0	20	0	0	0

ND - Not Detected



# **Irrigation Standards Continues**

			.2	.01	70;230	.2	5	10000	3;9	.02	151;451;13	.1	2
	Sample No	Tested Date	Mn mg/L	Mo mg/L	Na mg/L	Ni mg/L	Pb mg/L	PO4 mg/L	SAR meq/L	Se mg/L	TDS mg/L	V mg/L	Zn mg/L
1	6135	8/4/2006	0.0008	ND	83.0951	0.0022	ND	ND	2.1000	ND	487.0000	0.0045	0.1309
2	6136	8/4/2006	0.0003	0.0008	54.3061	ND	ND	ND	1.2000	ND	558.0000	ND	0.0119
3	6137	8/4/2006	ND	0.0008	53.8685	ND	ND	ND	1.0000	ND	764.0000	ND	0.0110
4	6138	8/4/2006	ND	ND	61.1780	ND	ND	ND	1.0000	ND	842.0000	0.0027	0.0279
5	6139	8/4/2006	0.0004	ND	33.8102	ND	ND	ND	0.7000	ND	472.0000	0.0021	0.0142
6	6140	8/4/2006	0.0003	0.0005	21.8295	ND	ND	ND	0.6000	ND	301.0000	0.0096	0.0147
7	6141	8/4/2006	0.0054	0.0005	35.9932	0.0011	ND	ND	1.0000	ND	365.0000	0.0067	0.1059
8	6142	8/4/2006	ND	ND	28.8634	0.0009	ND	ND	0.8000	ND	340.0000	0.0024	0.0173
9	6143	8/4/2006	ND	ND	31.8830	ND	ND	ND	0.7000	ND	439.0000	0.0026	0.0150
10	6144	8/4/2006	ND	ND	35.4916	ND	ND	ND	0.8000	ND	483.0000	0.0023	0.0153
11	6145	8/4/2006	0.0012	ND	19.9298	ND	ND	ND	0.5000	ND	329.0000	0.0031	0.0116
12	6146	8/4/2006	0.0002	0.0008	74.5575	ND	ND	ND	1.1000	0.0047	1204.0000	0.0077	0.0136
13	6147	8/4/2006	ND	0.0011	84.1817	ND	ND	ND	1.7000	ND	757.0000	0.0103	0.0118
14	6148	8/4/2006	ND	ND	37.1820	ND	ND	ND	0.9000	ND	466.0000	0.0021	0.0133
15	6149	8/4/2006	ND	ND	54.1122	ND	ND	ND	1.2000	ND	578.0000	ND	0.0107
16	6150	8/4/2006	ND	ND	48.2944	0.0010	ND	ND	1.1000	ND	534.0000	0.0028	0.0108
17	6151	8/4/2006	ND	ND	25.2358	ND	ND	ND	0.6000	ND	448.0000	0.0018	0.0089
18	6152	8/4/2006	0.0008	0.0005	55.7665	ND	ND	ND	1.3000	ND	513.0000	0.0063	0.0819
19	6153	8/4/2006	ND	0.0010	696.5359	0.0012	ND	ND	6.7000	0.0188	4000.0000	0.0058	0.0122
20	6154	8/4/2006	ND	0.0006	325.5978	ND	ND	ND	4.5000	0.0049	2086.0000	0.0072	0.0109
Test Count that Exceeded Standard:			0	0	5	0	0	0	2	0	20	0	0

ND - Not Detected



Livestock:

Livestock Standards			5	0.2	5	.1	0.05	1	1	.5	2	10	100	.1	5.5-8.3	.05	167,333	1000;3000;	25
			Al	As	B	Be	Cd	Co	Cr	Cu	F	Hg	NO3	Pb	pH	Se	SO4	TDS	Zn
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	-	mg/L	mg/L	mg/L	mg/L
1	6135	8/4/2006	ND	0.0025	0.1365	ND	ND	ND	0.0008	0.0153	ND	ND	3.5551	ND	7.9300	ND	35.0003	487.0000	0.1309
2	6136	8/4/2006	ND	0.0022	0.0743	ND	ND	ND	0.0009	0.0105	ND	ND	6.5612	ND	7.7600	ND	75.2670	558.0000	0.0119
3	6137	8/4/2006	ND	0.0024	0.0857	ND	ND	ND	0.0006	0.0101	ND	ND	6.5600	ND	7.6900	ND	185.9968	764.0000	0.0110
4	6138	8/4/2006	ND	0.0019	0.0464	ND	ND	ND	0.0010	0.0116	ND	ND	6.4390	ND	7.5300	ND	123.7024	842.0000	0.0279
5	6139	8/4/2006	ND	ND	0.0447	ND	ND	ND	0.0006	0.0125	ND	ND	7.8254	ND	7.7200	ND	25.7163	472.0000	0.0142
6	6140	8/4/2006	ND	0.0064	0.0376	ND	ND	ND	0.0013	0.0078	ND	ND	1.9968	ND	7.9100	ND	11.4482	301.0000	0.0147
7	6141	8/4/2006	ND	0.0043	0.0511	ND	ND	ND	0.0006	0.0108	ND	ND	2.0223	ND	7.8700	ND	18.0049	365.0000	0.1059
8	6142	8/4/2006	ND	0.0019	0.0479	ND	ND	ND	0.0016	0.0103	ND	ND	1.8450	ND	7.9900	ND	19.2746	340.0000	0.0173
9	6143	8/4/2006	ND	0.0020	0.0630	ND	ND	ND	ND	0.0116	ND	ND	1.8853	ND	7.9600	ND	34.2339	439.0000	0.0150
10	6144	8/4/2006	ND	0.0025	0.0359	ND	ND	ND	0.0009	0.0093	ND	ND	2.1480	ND	7.6100	ND	26.7792	483.0000	0.0153
11	6145	8/4/2006	ND	0.0030	0.0266	ND	ND	ND	0.0007	0.0111	ND	ND	1.9257	ND	7.9600	ND	13.1779	329.0000	0.0116
12	6146	8/4/2006	ND	0.0057	0.1546	ND	ND	ND	0.0012	0.0101	ND	ND	2.4922	ND	7.6800	0.0047	459.7037	1204.0000	0.0136
13	6147	8/4/2006	ND	0.0075	0.2165	ND	ND	ND	0.0008	0.0104	ND	ND	0.8831	ND	7.9300	ND	196.4479	757.0000	0.0118
14	6148	8/4/2006	ND	ND	0.1000	ND	ND	ND	ND	0.0119	ND	ND	4.4614	ND	7.8400	ND	57.7176	466.0000	0.0133
15	6149	8/4/2006	ND	ND	0.1137	ND	ND	ND	0.0006	0.0079	ND	ND	3.5156	ND	7.7800	ND	96.6880	578.0000	0.0107
16	6150	8/4/2006	ND	0.0025	0.1310	ND	ND	ND	ND	0.0147	ND	ND	4.9282	ND	7.7500	ND	72.9679	534.0000	0.0108
17	6151	8/4/2006	ND	0.0022	0.0636	ND	ND	ND	ND	0.0106	ND	ND	2.6479	ND	7.8300	ND	36.4606	448.0000	0.0089
18	6152	8/4/2006	ND	0.0032	0.1905	ND	ND	ND	ND	0.0119	ND	ND	2.8539	ND	7.9200	ND	57.7942	513.0000	0.0819
19	6153	8/4/2006	ND	0.0049	2.3760	ND	ND	ND	0.0010	0.0142	ND	ND	1.7132	ND	7.5900	0.0188	877.7889	4000.0000	0.0122
20	6154	8/4/2006	ND	0.0050	1.2110	ND	ND	ND	0.0012	0.0132	ND	ND	7.2867	ND	7.8700	0.0049	616.5390	2086.0000	0.0109
Test Count that Exceeded Standard			0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	3	0

ND - Not Detected

**Culinary:**

Drinking Water Primary Standards			0.01	2	0.004	1	0.005	25	0.1	1.3	4	2	10000	1000	10	.015	.05	500	2000
	Sample No	Tested Date	As mg/L	Ba mg/L	Be mg/L	Br mg/L	Cd mg/L	ClO4 ug/L	Cr mg/L	Cu mg/L	F mg/L	Hg ug/L	Na mg/L	Ni mg/L	NO3 mg/L	Pb mg/L	Se mg/L	SO4 mg/L	TDS mg/L
1	6135	8/4/2006	0.0025	0.0722	ND	ND	ND	ND	0.0008	0.0153	ND	ND	83.0951	0.0022	3.5551	ND	ND	35.0003	487.0000
2	6136	8/4/2006	0.0022	0.0373	ND	2.2902	ND	ND	0.0009	0.0105	ND	ND	54.3061	ND	6.5612	ND	ND	75.2670	558.0000
3	6137	8/4/2006	0.0024	0.0315	ND	2.5654	ND	ND	0.0006	0.0101	ND	ND	53.8685	ND	6.5600	ND	ND	185.9968	764.0000
4	6138	8/4/2006	0.0019	0.0777	ND	2.5054	ND	ND	0.0010	0.0116	ND	ND	61.1780	ND	6.4390	ND	ND	123.7024	842.0000
5	6139	8/4/2006	ND	0.1398	ND	1.0397	ND	ND	0.0006	0.0125	ND	ND	33.8102	ND	7.8254	ND	ND	25.7163	472.0000
6	6140	8/4/2006	0.0064	0.1844	ND	1.8320	ND	ND	0.0013	0.0078	ND	ND	21.8295	ND	1.9968	ND	ND	11.4482	301.0000
7	6141	8/4/2006	0.0043	0.2139	ND	1.8382	ND	ND	0.0006	0.0108	ND	ND	35.9932	0.0011	2.0223	ND	ND	18.0049	365.0000
8	6142	8/4/2006	0.0019	0.1365	ND	1.8419	ND	ND	0.0016	0.0103	ND	ND	28.8634	0.0009	1.8450	ND	ND	19.2746	340.0000
9	6143	8/4/2006	0.0020	0.1552	ND	2.3801	ND	ND	ND	0.0116	ND	ND	31.8830	ND	1.8853	ND	ND	34.2339	439.0000
10	6144	8/4/2006	0.0025	0.1634	ND	1.6557	ND	ND	0.0009	0.0093	ND	ND	35.4916	ND	2.1480	ND	ND	26.7792	483.0000
11	6145	8/4/2006	0.0030	0.1267	ND	2.0310	ND	ND	0.0007	0.0111	ND	ND	19.9298	ND	1.9257	ND	ND	13.1779	329.0000
12	6146	8/4/2006	0.0057	0.0200	ND	2.9582	ND	ND	0.0012	0.0101	ND	ND	74.5575	ND	2.4922	ND	0.0047	459.7037	1204.0000
13	6147	8/4/2006	0.0075	0.0380	ND	2.5163	ND	ND	0.0008	0.0104	ND	ND	84.1817	ND	0.8831	ND	ND	196.4479	757.0000
14	6148	8/4/2006	ND	0.1556	ND	2.3505	ND	ND	ND	0.0119	ND	ND	37.1820	ND	4.4614	ND	ND	57.7176	466.0000
15	6149	8/4/2006	ND	0.1107	ND	2.2628	ND	ND	0.0006	0.0079	ND	ND	54.1122	ND	3.5156	ND	ND	96.6880	578.0000
16	6150	8/4/2006	0.0025	0.0695	ND	2.3242	ND	ND	ND	0.0147	ND	ND	48.2944	0.0010	4.9282	ND	ND	72.9679	534.0000
17	6151	8/4/2006	0.0022	0.2136	ND	ND	ND	ND	ND	0.0106	ND	ND	25.2358	ND	2.6479	ND	ND	36.4606	448.0000
18	6152	8/4/2006	0.0032	0.1060	ND	2.2858	ND	ND	ND	0.0119	ND	ND	55.7665	ND	2.8539	ND	ND	57.7942	513.0000
19	6153	8/4/2006	0.0049	0.0679	ND	4.4009	ND	ND	0.0010	0.0142	ND	ND	696.5359	0.0012	1.7132	ND	0.0188	877.7889	4000.0000
20	6154	8/4/2006	0.0050	0.0409	ND	3.9629	ND	ND	0.0012	0.0132	ND	ND	325.5978	ND	7.2867	ND	0.0049	616.5390	2086.0000
Test Count that Exceeded Standard			0	0	0	18	0	0	0	0	0	0	0	0	0	0	0	2	2

ND - Not Detected

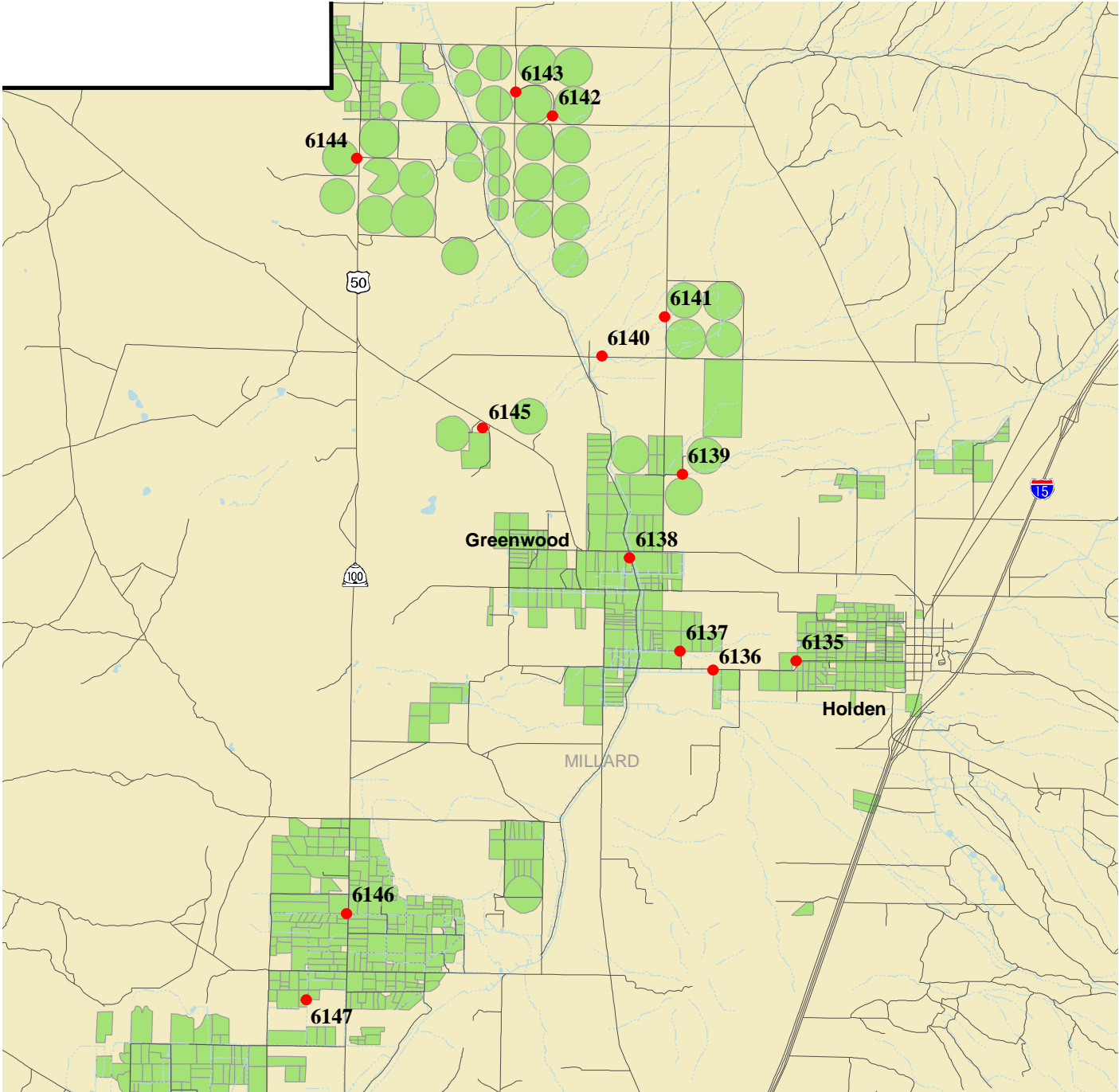


Drinking Water Secondary Standards:			0.1	0.5	250	1	2	0.3	60;120;180	.05	6.5-8.5	1000	250	200	5
	Sample No	Tested Date	Ag mg/L	Al mg/L	Cl mg/L	Cu mg/L	F mg/L	Fe mg/L	Hardnes s	Mn mg/L	pH -	Si mg/L	SO4 mg/L	TDS mg/L	Zn mg/L
1	6135	8/4/2006	ND	ND	30.7782	0.0153	ND	ND	287.4000	0.0008	7.9300	10.4153	35.0003	487.0000	0.1309
2	6136	8/4/2006	ND	ND	86.2854	0.0105	ND	ND	414.3000	0.0003	7.7600	8.1749	75.2670	558.0000	0.0119
3	6137	8/4/2006	ND	ND	136.9237	0.0101	ND	ND	583.9000	ND	7.6900	8.2288	185.9968	764.0000	0.0110
4	6138	8/4/2006	ND	ND	282.0234	0.0116	ND	ND	652.5000	ND	7.5300	10.7165	123.7024	842.0000	0.0279
5	6139	8/4/2006	ND	ND	114.7229	0.0125	ND	ND	391.7000	0.0004	7.7200	8.3234	25.7163	472.0000	0.0142
6	6140	8/4/2006	ND	ND	50.4956	0.0078	ND	ND	225.9000	0.0003	7.9100	16.7969	11.4482	301.0000	0.0147
7	6141	8/4/2006	ND	ND	102.6442	0.0108	ND	ND	257.1000	0.0054	7.8700	13.1553	18.0049	365.0000	0.1059
8	6142	8/4/2006	ND	ND	81.0171	0.0103	ND	ND	249.3000	ND	7.9900	9.7648	19.2746	340.0000	0.0173
9	6143	8/4/2006	ND	ND	69.6234	0.0116	ND	ND	348.8000	ND	7.9600	8.6803	34.2339	439.0000	0.0150
10	6144	8/4/2006	ND	ND	209.1352	0.0093	ND	ND	370.7000	ND	7.6100	8.5978	26.7792	483.0000	0.0153
11	6145	8/4/2006	ND	ND	50.2647	0.0111	ND	0.0108	261.6000	0.0012	7.9600	10.7442	13.1779	329.0000	0.0116
12	6146	8/4/2006	ND	ND	242.8161	0.0101	ND	ND	896.7000	0.0002	7.6800	16.5884	459.7037	1204.0000	0.0136
13	6147	8/4/2006	ND	ND	169.8979	0.0104	ND	ND	458.6000	ND	7.9300	19.0034	196.4479	757.0000	0.0118
14	6148	8/4/2006	ND	ND	70.2517	0.0119	ND	ND	342.6000	ND	7.8400	9.8913	57.7176	466.0000	0.0133
15	6149	8/4/2006	ND	ND	138.5801	0.0079	ND	ND	393.7000	ND	7.7800	7.9507	96.6880	578.0000	0.0107
16	6150	8/4/2006	ND	ND	85.0076	0.0147	ND	ND	380.3000	ND	7.7500	9.8408	72.9679	534.0000	0.0108
17	6151	8/4/2006	ND	ND	52.1422	0.0106	ND	ND	368.2000	ND	7.8300	9.6432	36.4606	448.0000	0.0089
18	6152	8/4/2006	ND	ND	118.8675	0.0119	ND	ND	339.0000	0.0008	7.9200	12.9113	57.7942	513.0000	0.0819
19	6153	8/4/2006	ND	ND	1517.4590	0.0142	ND	ND	2024.8000	ND	7.5900	17.2641	877.7889	4000.0000	0.0122
20	6154	8/4/2006	ND	ND	627.3142	0.0132	ND	ND	996.1000	ND	7.8700	15.1992	616.5390	2086.0000	0.0109
Test Count that Exceeded Standard:			0	0	3	0	0	0	20	0	0	0	3	20	0

ND - Not Detected












Map 20. Millard North District - Holden Area

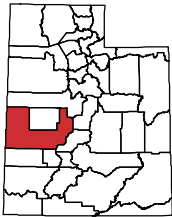


Map Scale 1:126,720 (1 inch = 2 miles)

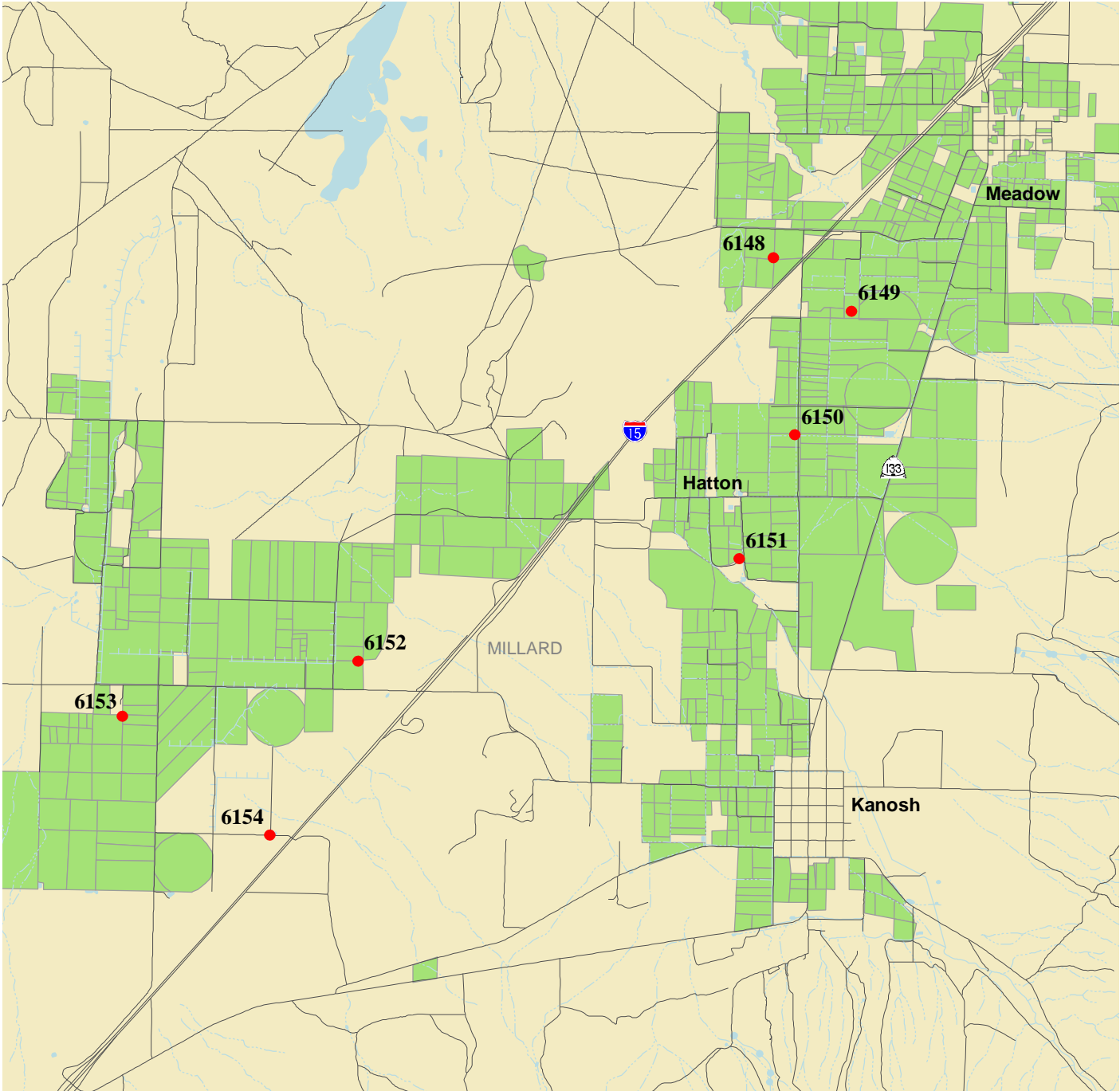


- |   |                 |   |                     |
|---|-----------------|---|---------------------|
|  | Sample location |  | Intermittent stream |
|  | Road            |  | Water body          |
|  | Stream          |  | Irrigated cropland  |
|  | Ditch or canal  |  | SCD boundary        |
|  | Aqueduct        |   |                     |

District Location












Map 21. Millard South District - Kanosh Area

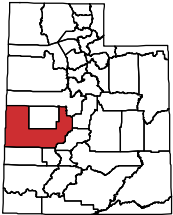


Map Scale 1:84,000 (1 inch = 1.3 miles)



- |   |                 |   |                     |
|---|-----------------|---|---------------------|
|  | Sample location |  | Intermittent stream |
|  | Road            |  | Water body          |
|  | Stream          |  | Irrigated cropland  |
|  | Ditch or canal  |  | SCD boundary        |
|  | Aqueduct        |   |                     |

District Location



# Sanpete County District

## General:

### General Sample Information

	Sample No	Collected Date	Coliform	Ecoli	Temperature	EC	TDS mg/L	SAR meq/L	Hardness mg/L	Sample Site	Site Condition	Well Head	Material	Casing Condition	Culinary	Irrigation	Industrial	Landscape	Natural	Drainage	Other
1	6093	7/11/2006	ND	ND	56.5 F (13.6 C)	1644	998.0	3.500	476.9	Well	Vegetated	Soil	Steel	Subsidence	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	6094	7/11/2006	ND	ND	56.3 F (13.5 C)	1814	1046.	13.00	128.9	Well	Vegetated	Soil	PVC	Subsidence	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	6095	7/11/2006	ND	ND	57.6 F (14.2 C)	1612	864.0	11.70	98.50	Well	Clean	Inside Shed	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	6096	7/11/2006	ND	ND	62.4 F (16.9 C)	821	445.0	0.700	353.9	Well	Gravel	Covered	PVC	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	6097	7/11/2006	POS	ND	57.6 F (14.2 C)	1761	1028.	3.300	527.2	Well	Vegetated	Soil	PVC	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	6098	7/11/2006	ND	ND	56.3 F (13.5 C)	1772	1002.	3.300	535.5	Well	Vegetated	Soil	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	6099	7/11/2006	ND	ND	60.8 F (16.0 C)	1313	711.0	7.400	152.0	Well	Vegetated	Soil	PVC	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	6100	7/11/2006	ND	ND	59.9 F (15.5 C)	1186	647.0	22.80	17.60	Well	Clay Soil	Soil	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	6101	7/11/2006	ND	ND	54.3 F (12.4 C)	1374	756.0	49.90	4.700	Well	Gravel	Covered	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	6102	7/11/2006	ND	ND	64.0 F (17.8 C)	908	533.0	5.700	132.0	Well	Livestock	Soil	Steel	Piping	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11	6103	7/11/2006	POS	ND	55.8 F (13.2 C)	623	347.0	0.800	233.7	Well	Vegetated	Gravel	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12	6104	7/11/2006	ND	ND	54.3 F (12.4 C)	696	380.0	0.400	301.7	Well	Gravel	Soil	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13	6105	7/11/2006	POS	ND	52.5 F (11.4 C)	667	363.0	0.300	290.0	Well	Clean	Lawn	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14	6106	7/11/2006	ND	ND	56.5 F (13.6 C)	551	303.0	0.400	235.2	Well	Vegetated	Well House	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15	6107	7/11/2006	ND	ND	51.4 F (10.8 C)	554	301.0	0.300	239.3	Well	Clean	Well House	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16	6108	7/11/2006	ND	ND	56.1 F (13.4 C)	632	354.0	0.200	283.6	Well	Gravel	Gravel	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17	6109	7/11/2006	POS	POS	56.7 F (13.7 C)	591	332.0	0.300	271.1	Spring	Vegetated	Gravel	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18	6110	7/11/2006	ND	ND	52.9 F (11.6 C)	620	342.0	0.200	278.2	Well	Vegetated	Gravel	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19	6111	7/11/2006	POS	POS	68.0 F (20.0 C)	562	339.0	0.300	267.9	Ditch	Livestock	Covered	Earth		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20	6112	7/11/2006	ND	ND	55.8 F (13.2 C)	650	359.0	0.300	284.6	Well	Vegetated	Lawn	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21	6113	7/11/2006	POS	ND	54.0 F (12.2 C)	648	357.0	0.300	284.6	Well	Vegetated	Covered	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22	6114	7/11/2006	POS	POS	54.3 F (12.4 C)	610	339.0	0.300	264.4	Well	Vegetated	Pit Concrete	Concrete	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
23	6307	9/27/2006	ND	ND	51.8 F (11.0 C)	652	390.0	0.400	365.8	Well	Gravel	Gravel	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
24	6308	9/27/2006	ND	ND	52.0 F (11.1 C)	667	359.0	0.400	341.4	Well	Vegetated	Pit Masonry	Rock	Subsidence	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
25	6309	9/27/2006	ND	ND	52.5 F (11.4 C)	679	377.0	0.300	362.6	Well	Vegetated	Soil	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
26	6310	9/27/2006	POS	ND	54.3 F (12.4 C)	651	365.0	0.400	337.0	Well	Vegetated	Lawn	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
27	6311	9/27/2006	ND	ND	55.6 F (13.1 C)	1163	675.0	1.400	536.3	Well	Livestock	Well House	Steel	Open	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
28	6312	9/27/2006	ND	ND	57.0 F (13.9 C)	1291	772.0	1.700	603.5	Well	Vegetated	Well House	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
29	6313	9/27/2006	ND	ND	52.3 F (11.3 C)	875	499.0	0.800	438.8	Flowing Well	Vegetated	Gravel	Steel	Sealed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
30	6314	9/27/2006	ND	ND	56.3 F (13.5 C)	3140	1595.	3.600	932.9	Well	Clay Soil	Gravel	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
31	6315	9/27/2006	ND	ND	57.4 F (14.1 C)	1910	1304.	3.100	754.7	Well	Clay Soil	Soil	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
32	6319	10/3/2006	ND	ND	53.4 F (11.9 C)	1050	621.0	1.800	409.8	Well	Vegetated	Soil	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
33	6320	10/3/2006	POS	ND	54.7 F (12.6 C)	507	287.0	0.400	255.2	Spring	Clean	Natural	Concrete	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
34	6321	10/3/2006	ND	ND	53.1 F (11.7 C)	889	499.0	0.700	429.2	Well	Vegetated	Well House	Concrete	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Bacteria Positive Sample Count      9      3      ND - Not Detected



**Irrigation:**

Irrigation Standards			5	0.5;1.0;2.0;	1	100000	71;355	1	1000	1	0.2	2	5	73.2;152.5	10000	2.5	100000
	Sample No	Tested Date	Al mg/L	B mg/L	Be mg/L	Ca mg/L	Cl mg/L	Co mg/L	CO3 mg/L	Cr mg/L	Cu mg/L	F mg/L	Fe mg/L	HCO3 mg/L	K mg/L	Li mg/L	Mg mg/L
1	6093	7/13/2006	ND	0.1644	ND	76.1533	209.2890	ND	ND	0.0043	0.0102	ND	0.0431	547.2710	1.8401	0.0767	69.5345
2	6094	7/19/2006	ND	0.2034	ND	18.2463	213.3939	ND	ND	0.0041	0.0100	ND	0.1161	509.2280	1.8551	0.1768	20.2091
3	6095	7/19/2006	ND	0.1574	ND	14.8701	268.9876	ND	ND	0.0031	0.0114	ND	ND	313.4020	1.0118	0.1303	14.8855
4	6096	7/13/2006	ND	0.1056	ND	50.9717	83.9097	0.0003	ND	0.0032	0.0151	ND	ND	349.2840	2.6822	0.0522	54.9623
5	6097	7/13/2006	ND	0.1598	ND	86.0748	254.7959	0.0004	ND	0.0040	0.0095	ND	ND	418.0870	2.0767	0.0871	75.7211
6	6098	7/13/2006	ND	0.2518	ND	97.8168	270.2007	0.0026	ND	0.0043	0.0232	ND	ND	534.9320	1.4628	0.0447	70.6159
7	6099	7/13/2006	ND	0.5820	ND	21.4381	178.4559	ND	ND	0.0033	0.0133	1.2855	ND	399.6120	0.9287	0.0756	23.8874
8	6100	7/13/2006	ND	0.3418	ND	3.2724	157.5760	ND	18.0877	0.0019	0.0116	ND	ND	320.2750	0.2851	0.0541	2.2961
9	6101	7/13/2006	ND	0.9678	ND	0.7640	160.8115	ND	75.4340	0.0035	0.0119	2.3937	0.0356	383.7400	0.3374	0.0995	0.6877
10	6102	7/13/2006	ND	0.1069	ND	23.1391	55.6794	ND	ND	0.0037	0.0235	ND	ND	442.5700	0.8523	0.0496	18.0072
11	6103	7/13/2006	ND	0.0496	ND	46.4758	13.8706	ND	ND	0.0030	0.0184	ND	ND	370.3630	0.9762	0.0147	28.5238
12	6104	7/13/2006	ND	0.0445	ND	60.6004	19.3272	ND	ND	0.0033	0.0108	ND	ND	411.2070	0.9449	0.0162	36.4462
13	6105	7/13/2006	ND	0.0378	ND	68.6654	12.2790	ND	ND	0.0034	0.0630	ND	ND	397.1550	1.8938	0.0110	28.7135
14	6106	7/13/2006	ND	0.0365	ND	52.2339	8.5895	ND	ND	0.0027	0.0153	ND	ND	333.7170	0.5826	0.0126	25.4018
15	6107	7/13/2006	ND	0.0282	ND	57.4542	6.1799	ND	ND	0.0028	0.0148	ND	ND	342.0290	1.2071	0.0092	23.2279
16	6108	7/13/2006	ND	0.0235	ND	76.4758	8.8238	ND	ND	0.0026	0.0152	ND	ND	364.0390	0.8026	0.0070	22.4271
17	6109	7/13/2006	ND	0.0275	ND	63.7558	9.7047	ND	ND	0.0025	0.0114	ND	ND	369.8690	0.8317	0.0098	27.1021
18	6110	7/13/2006	ND	0.0243	ND	70.8691	9.2459	ND	ND	0.0026	0.0133	ND	0.0180	365.7450	0.5091	0.0073	24.5106
19	6111	7/13/2006	ND	0.0303	ND	61.8026	9.9089	ND	19.1171	0.0026	0.0138	ND	0.0996	345.3510	1.4710	0.0100	27.5286
20	6112	7/13/2006	ND	0.0237	ND	70.1696	14.0375	ND	ND	0.0026	0.0108	ND	ND	364.0830	1.6046	0.0076	26.4983
21	6113	7/13/2006	ND	0.0229	ND	70.0429	11.7844	ND	ND	0.0028	0.0126	ND	ND	363.2680	0.7059	0.0074	26.5850
22	6114	7/13/2006	ND	0.0590	ND	63.7594	5.7394	ND	ND	0.0029	0.0529	ND	ND	385.2410	0.8251	0.0071	25.4739
23	6307	10/5/2006	ND	0.0469	ND	73.5116	14.8515	ND	ND	ND	0.0183	ND	ND	408.1730	0.7712	0.0094	44.1694
24	6308	10/5/2006	ND	0.0366	ND	68.5244	8.3483	ND	ND	ND	0.0082	ND	ND	394.4070	1.3548	0.0090	41.2837
25	6309	10/5/2006	ND	0.0226	ND	71.3410	9.6572	ND	ND	ND	0.0044	ND	ND	407.2400	1.2639	0.0102	44.7188
26	6310	10/5/2006	ND	0.0406	ND	77.1902	19.8559	ND	ND	ND	0.0185	ND	ND	354.9350	2.8456	0.0295	34.9574
27	6311	10/5/2006	ND	0.2310	ND	68.0175	80.8798	ND	ND	ND	0.0065	ND	0.0180	562.0030	3.5831	0.1102	88.8861
28	6312	10/5/2006	ND	0.2977	ND	57.5384	90.5033	ND	ND	0.0008	0.0131	ND	ND	633.8890	2.1913	0.0864	111.5585
29	6313	10/5/2006	ND	0.1264	ND	72.6671	28.2126	ND	ND	ND	0.0079	ND	ND	502.1330	1.8398	0.0740	62.4010
30	6314	10/5/2006	ND	0.8824	ND	76.5011	358.0465	0.0005	ND	0.0013	0.0179	ND	ND	818.6080	6.9979	0.2828	179.9999
31	6315	10/5/2006	ND	0.7254	ND	65.0976	273.3383	0.0004	ND	0.0009	0.0182	ND	0.0122	724.4210	5.7044	0.2493	143.6826
32	6319	10/13/2006	ND	0.2122	ND	62.1191	52.5218	ND	ND	ND	0.0153	ND	ND	504.1910	2.2738	0.0595	61.7636
33	6320	10/13/2006	ND	0.0532	ND	48.0081	7.8808	ND	ND	ND	0.0041	ND	ND	319.6220	1.8007	0.0109	32.8158
34	6321	10/13/2006	ND	0.0790	ND	87.9201	37.8898	ND	ND	ND	0.0087	ND	ND	488.5340	0.8137	0.0117	50.8146
Test Count that Exceeded Standard			0	4	0	0	13	0	0	0	0	1	0	34	0	0	0

ND - Not Detected



**Irrigation Standards Continues**

	Sample No	Tested Date	.2 Mn mg/L	.01 Mo mg/L	70;230 Na mg/L	.2 Ni mg/L	5 Pb mg/L	10000 PO4 mg/L	3;9 SAR meq/L	.02 Se mg/L	151;451;13 TDS mg/L	.1 V mg/L	2 Zn mg/L
1	6093	7/13/2006	0.0064	0.0029	174.7834	0.0007	ND	ND	3.5000	0.0052	998.0000	0.0025	0.1477
2	6094	7/19/2006	0.0049	0.0032	338.8549	ND	ND	ND	13.0000	ND	1046.0000	ND	0.0161
3	6095	7/19/2006	0.0064	0.0012	266.5712	ND	ND	ND	11.7000	ND	864.0000	ND	0.0038
4	6096	7/13/2006	0.0021	0.0120	31.6384	0.0010	ND	ND	0.7000	ND	445.0000	ND	0.0040
5	6097	7/13/2006	0.0042	0.0022	172.6256	0.0012	ND	ND	3.3000	0.0053	1028.0000	0.0026	0.0044
6	6098	7/13/2006	0.0028	0.0012	173.8134	0.0076	ND	ND	3.3000	0.0056	1002.0000	0.0069	0.0276
7	6099	7/13/2006	0.0013	0.0045	210.7390	ND	ND	ND	7.4000	ND	711.0000	0.0094	0.1896
8	6100	7/13/2006	0.0029	0.0023	220.0864	ND	ND	ND	22.8000	0.0043	647.0000	ND	0.0044
9	6101	7/13/2006	0.0047	0.0026	249.4930	ND	ND	ND	49.9000	0.0166	756.0000	0.0028	0.0112
10	6102	7/13/2006	0.0027	0.0012	150.4995	0.0013	ND	ND	5.7000	0.0048	533.0000	0.0046	0.1178
11	6103	7/13/2006	0.0042	ND	26.8724	0.0012	ND	ND	0.8000	ND	347.0000	0.0027	0.0901
12	6104	7/13/2006	0.0029	ND	16.2882	0.0013	ND	ND	0.4000	ND	380.0000	ND	0.1990
13	6105	7/13/2006	0.0040	ND	11.9073	0.0017	0.0014	ND	0.3000	ND	363.0000	ND	0.2197
14	6106	7/13/2006	0.0023	0.0007	13.2114	ND	ND	ND	0.4000	ND	303.0000	ND	0.0075
15	6107	7/13/2006	0.0062	ND	10.0858	ND	ND	ND	0.3000	ND	301.0000	ND	0.0274
16	6108	7/13/2006	0.0018	ND	6.8561	ND	ND	ND	0.2000	ND	354.0000	ND	0.2927
17	6109	7/13/2006	0.0030	0.0006	10.0710	ND	ND	ND	0.3000	ND	332.0000	ND	0.0027
18	6110	7/13/2006	0.0043	ND	7.2192	0.0020	0.0021	ND	0.2000	ND	342.0000	ND	1.1480
19	6111	7/13/2006	0.0151	0.0008	11.2464	0.0018	ND	ND	0.3000	ND	339.0000	0.0025	0.0037
20	6112	7/13/2006	0.0022	ND	10.6546	0.0011	0.0013	ND	0.3000	ND	359.0000	ND	0.7165
21	6113	7/13/2006	0.0018	ND	9.9343	0.0009	ND	ND	0.3000	ND	357.0000	ND	0.0306
22	6114	7/13/2006	0.0028	ND	12.6642	0.0010	0.0019	ND	0.3000	ND	339.0000	ND	0.0385
23	6307	10/5/2006	0.0003	0.0005	18.0193	ND	ND	ND	0.4000	ND	390.0000	ND	0.2452
24	6308	10/5/2006	0.0003	ND	17.7025	ND	ND	ND	0.4000	ND	359.0000	ND	0.0325
25	6309	10/5/2006	0.0199	ND	15.2439	ND	ND	ND	0.3000	ND	377.0000	ND	0.0274
26	6310	10/5/2006	0.0118	ND	15.5514	ND	ND	ND	0.4000	ND	365.0000	ND	0.1646
27	6311	10/5/2006	0.0264	0.0052	74.3933	0.0008	ND	ND	1.4000	ND	675.0000	ND	0.0250
28	6312	10/5/2006	0.0003	0.0044	93.8838	0.0009	ND	ND	1.7000	ND	772.0000	0.0061	0.0060
29	6313	10/5/2006	0.0005	0.0035	37.5780	ND	ND	ND	0.8000	ND	499.0000	0.0020	0.0023
30	6314	10/5/2006	0.1402	0.0228	249.8839	0.0043	0.0015	ND	3.6000	ND	1595.0000	ND	0.0318
31	6315	10/5/2006	0.1144	0.0242	195.0659	0.0029	ND	ND	3.1000	ND	1304.0000	ND	0.0073
32	6319	10/13/2006	ND	0.0011	84.2448	ND	ND	ND	1.8000	ND	621.0000	ND	0.0337
33	6320	10/13/2006	ND	ND	13.1171	ND	ND	ND	0.4000	ND	287.0000	ND	ND
34	6321	10/13/2006	ND	ND	33.5044	ND	ND	ND	0.7000	ND	499.0000	ND	0.0036
Test Count that Exceeded Standard:			0	3	14	0	0	0	11	0	34	0	0

ND - Not Detected



Livestock:

Livestock Standards			5	0.2	5	.1	0.05	1	1	.5	2	10	100	.1	5.5-8.3	.05	167,333	1000;3000; 25	
	Sample No	Tested Date	Al mg/L	As mg/L	B mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	F mg/L	Hg ug/L	NO3 mg/L	Pb mg/L	pH -	Se mg/L	SO4 mg/L	TDS mg/L	Zn mg/L
1	6093	7/13/2006	ND	0.0019	0.1644	ND	ND	ND	0.0043	0.0102	ND	ND	6.1138	ND	7.9200	0.0052	180.4664	998.0000	0.1477
2	6094	7/19/2006	ND	0.0023	0.2034	ND	ND	ND	0.0041	0.0100	ND	ND	1.0389	ND	8.2700	ND	192.4736	1046.0000	0.0161
3	6095	7/19/2006	ND	ND	0.1574	ND	ND	ND	0.0031	0.0114	ND	ND	0.8547	ND	8.2900	ND	137.8097	864.0000	0.0038
4	6096	7/13/2006	ND	ND	0.1056	ND	ND	0.0003	0.0032	0.0151	ND	ND	ND	ND	8.1100	ND	43.9404	445.0000	0.0040
5	6097	7/13/2006	ND	0.0025	0.1598	ND	ND	0.0004	0.0040	0.0095	ND	ND	2.7963	ND	7.8800	0.0053	219.2602	1028.0000	0.0044
6	6098	7/13/2006	ND	0.0081	0.2518	ND	ND	0.0026	0.0043	0.0232	ND	ND	12.4106	ND	7.8000	0.0056	96.3309	1002.0000	0.0276
7	6099	7/13/2006	ND	0.0074	0.5820	ND	ND	ND	0.0033	0.0133	1.2855	ND	1.7725	ND	8.2200	ND	68.6314	711.0000	0.1896
8	6100	7/13/2006	ND	0.0088	0.3418	ND	ND	ND	0.0019	0.0116	ND	ND	1.1105	ND	8.5600	0.0043	80.5526	647.0000	0.0044
9	6101	7/13/2006	ND	0.0130	0.9678	ND	ND	ND	0.0035	0.0119	2.3937	ND	3.3898	ND	9.0500	0.0166	72.1775	756.0000	0.0112
10	6102	7/13/2006	ND	0.0046	0.1069	ND	ND	ND	0.0037	0.0235	ND	ND	3.7330	ND	8.1600	0.0048	49.6544	533.0000	0.1178
11	6103	7/13/2006	ND	ND	0.0496	ND	ND	ND	0.0030	0.0184	ND	ND	4.5412	ND	7.9700	ND	32.7411	347.0000	0.0901
12	6104	7/13/2006	ND	ND	0.0445	ND	ND	ND	0.0033	0.0108	ND	ND	10.3689	ND	8.0500	ND	27.8359	380.0000	0.1990
13	6105	7/13/2006	ND	ND	0.0378	ND	ND	ND	0.0034	0.0630	ND	ND	13.4164	0.0014	7.9700	ND	25.4599	363.0000	0.2197
14	6106	7/13/2006	ND	ND	0.0365	ND	ND	ND	0.0027	0.0153	ND	ND	1.4240	ND	8.0500	ND	30.9139	303.0000	0.0075
15	6107	7/13/2006	ND	ND	0.0282	ND	ND	ND	0.0028	0.0148	ND	ND	1.6080	ND	8.0300	ND	28.2495	301.0000	0.0274
16	6108	7/13/2006	ND	ND	0.0235	ND	ND	ND	0.0026	0.0152	ND	ND	28.2449	ND	8.0300	ND	25.9587	354.0000	0.2927
17	6109	7/13/2006	ND	ND	0.0275	ND	ND	ND	0.0025	0.0114	ND	ND	1.4833	ND	8.2800	ND	32.9611	332.0000	0.0027
18	6110	7/13/2006	ND	ND	0.0243	ND	ND	ND	0.0026	0.0133	ND	ND	18.2031	0.0021	8.0300	ND	26.4538	342.0000	1.1480
19	6111	7/13/2006	ND	ND	0.0303	ND	ND	ND	0.0026	0.0138	ND	ND	1.2388	ND	8.5000	ND	32.8898	339.0000	0.0037
20	6112	7/13/2006	ND	ND	0.0237	ND	ND	ND	0.0026	0.0108	ND	ND	22.9176	0.0013	8.0600	ND	30.6021	359.0000	0.7165
21	6113	7/13/2006	ND	ND	0.0229	ND	ND	ND	0.0028	0.0126	ND	ND	22.3024	ND	8.1000	ND	32.3932	357.0000	0.0306
22	6114	7/13/2006	ND	ND	0.0590	ND	ND	ND	0.0029	0.0529	ND	ND	13.1447	0.0019	8.1200	ND	21.7280	339.0000	0.0385
23	6307	10/5/2006	ND	ND	0.0469	ND	ND	ND	ND	0.0183	ND	ND	1.6118	ND	7.6200	ND	31.2276	390.0000	0.2452
24	6308	10/5/2006	ND	ND	0.0366	ND	ND	ND	ND	0.0082	ND	ND	2.5966	ND	7.6200	ND	21.3934	359.0000	0.0325
25	6309	10/5/2006	ND	ND	0.0226	ND	ND	ND	ND	0.0044	ND	ND	0.3443	ND	7.7100	ND	29.7355	377.0000	0.0274
26	6310	10/5/2006	ND	ND	0.0406	ND	ND	ND	ND	0.0185	ND	ND	1.5385	ND	7.6000	ND	30.6432	365.0000	0.1646
27	6311	10/5/2006	ND	ND	0.2310	ND	ND	ND	ND	0.0065	ND	ND	1.4983	ND	7.7000	ND	71.2656	675.0000	0.0250
28	6312	10/5/2006	ND	0.0036	0.2977	ND	ND	ND	0.0008	0.0131	ND	ND	2.1842	ND	7.7400	ND	92.3751	772.0000	0.0060
29	6313	10/5/2006	ND	0.0019	0.1264	ND	ND	ND	ND	0.0079	ND	ND	2.4257	ND	7.7500	ND	37.2982	499.0000	0.0023
30	6314	10/5/2006	ND	ND	0.8824	ND	ND	0.0005	0.0013	0.0179	ND	ND	3.5908	0.0015	7.7600	ND	304.8991	1595.0000	0.0318
31	6315	10/5/2006	ND	ND	0.7254	ND	ND	0.0004	0.0009	0.0182	ND	ND	4.8642	ND	7.8000	ND	247.2015	1304.0000	0.0073
32	6319	10/13/2006	ND	0.0033	0.2122	ND	ND	ND	ND	0.0153	ND	ND	6.7709	ND	7.6400	ND	93.3963	621.0000	0.0337
33	6320	10/13/2006	ND	ND	0.0532	ND	ND	ND	ND	0.0041	ND	ND	1.6782	ND	7.8000	ND	18.1588	287.0000	ND
34	6321	10/13/2006	ND	ND	0.0790	ND	ND	ND	ND	0.0087	ND	ND	6.4177	ND	7.6300	ND	33.9090	499.0000	0.0036
Test Count that Exceeded Standard			0	0	0	0	0	0	0	0	1	0	0	0	3	0	5	5	0

ND - Not Detected



**Culinary:**

Drinking Water Primary Standards			0.01	2	0.004	0.005	25	0.1	1.3	4	2	10000	1000	10	.015	.05	500	2000
	Sample No	Tested Date	As mg/L	Ba mg/L	Be mg/L	Cd mg/L	ClO4 ug/L	Cr mg/L	Cu mg/L	F mg/L	Hg ug/L	Na mg/L	Ni mg/L	NO3 mg/L	Pb mg/L	Se mg/L	SO4 mg/L	TDS mg/L
1	6093	7/13/2006	0.0019	0.0563	ND	ND	ND	0.0043	0.0102	ND	ND	174.7834	0.0007	6.1138	ND	0.0052	180.4664	998.0000
2	6094	7/19/2006	0.0023	0.0559	ND	ND	ND	0.0041	0.0100	ND	ND	338.8549	ND	1.0389	ND	ND	192.4736	1046.0000
3	6095	7/19/2006	ND	0.0254	ND	ND	ND	0.0031	0.0114	ND	ND	266.5712	ND	0.8547	ND	ND	137.8097	864.0000
4	6096	7/13/2006	ND	0.0844	ND	ND	ND	0.0032	0.0151	ND	ND	31.6384	0.0010	ND	ND	ND	43.9404	445.0000
5	6097	7/13/2006	0.0025	0.0319	ND	ND	ND	0.0040	0.0095	ND	ND	172.6256	0.0012	2.7963	ND	0.0053	219.2602	1028.0000
6	6098	7/13/2006	0.0081	0.0860	ND	ND	ND	0.0043	0.0232	ND	ND	173.8134	0.0076	12.4106	ND	0.0056	96.3309	1002.0000
7	6099	7/13/2006	0.0074	0.0880	ND	ND	ND	0.0033	0.0133	1.2855	ND	210.7390	ND	1.7725	ND	ND	68.6314	711.0000
8	6100	7/13/2006	0.0088	0.0501	ND	ND	ND	0.0019	0.0116	ND	ND	220.0864	ND	1.1105	ND	0.0043	80.5526	647.0000
9	6101	7/13/2006	0.0130	0.0287	ND	ND	ND	0.0035	0.0119	2.3937	ND	249.4930	ND	3.3898	ND	0.0166	72.1775	756.0000
10	6102	7/13/2006	0.0046	0.1896	ND	ND	ND	0.0037	0.0235	ND	ND	150.4995	0.0013	3.7330	ND	0.0048	49.6544	533.0000
11	6103	7/13/2006	ND	0.1286	ND	ND	ND	0.0030	0.0184	ND	ND	26.8724	0.0012	4.5412	ND	ND	32.7411	347.0000
12	6104	7/13/2006	ND	0.1991	ND	ND	ND	0.0033	0.0108	ND	ND	16.2882	0.0013	10.3689	ND	ND	27.8359	380.0000
13	6105	7/13/2006	ND	0.2000	ND	ND	ND	0.0034	0.0630	ND	ND	11.9073	0.0017	13.4164	0.0014	ND	25.4599	363.0000
14	6106	7/13/2006	ND	0.0789	ND	ND	ND	0.0027	0.0153	ND	ND	13.2114	ND	1.4240	ND	ND	30.9139	303.0000
15	6107	7/13/2006	ND	0.1198	ND	ND	ND	0.0028	0.0148	ND	ND	10.0858	ND	1.6080	ND	ND	28.2495	301.0000
16	6108	7/13/2006	ND	0.2073	ND	ND	ND	0.0026	0.0152	ND	ND	6.8561	ND	28.2449	ND	ND	25.9587	354.0000
17	6109	7/13/2006	ND	0.1027	ND	ND	ND	0.0025	0.0114	ND	ND	10.0710	ND	1.4833	ND	ND	32.9611	332.0000
18	6110	7/13/2006	ND	0.1962	ND	ND	ND	0.0026	0.0133	ND	ND	7.2192	0.0020	18.2031	0.0021	ND	26.4538	342.0000
19	6111	7/13/2006	ND	0.0994	ND	ND	ND	0.0026	0.0138	ND	ND	11.2464	0.0018	1.2388	ND	ND	32.8898	339.0000
20	6112	7/13/2006	ND	0.1820	ND	ND	ND	0.0026	0.0108	ND	ND	10.6546	0.0011	22.9176	0.0013	ND	30.6021	359.0000
21	6113	7/13/2006	ND	0.2111	ND	ND	ND	0.0028	0.0126	ND	ND	9.9343	0.0009	22.3024	ND	ND	32.3932	357.0000
22	6114	7/13/2006	ND	0.1651	ND	ND	ND	0.0029	0.0529	ND	ND	12.6642	0.0010	13.1447	0.0019	ND	21.7280	339.0000
23	6307	10/5/2006	ND	0.1952	ND	ND	ND	ND	0.0183	ND	ND	18.0193	ND	1.6118	ND	ND	31.2276	390.0000
24	6308	10/5/2006	ND	0.1752	ND	ND	ND	ND	0.0082	ND	ND	17.7025	ND	2.5966	ND	ND	21.3934	359.0000
25	6309	10/5/2006	ND	0.1434	ND	ND	ND	ND	0.0044	ND	ND	15.2439	ND	0.3443	ND	ND	29.7355	377.0000
26	6310	10/5/2006	ND	0.1605	ND	ND	ND	ND	0.0185	ND	ND	15.5514	ND	1.5385	ND	ND	30.6432	365.0000
27	6311	10/5/2006	ND	0.1051	ND	ND	ND	ND	0.0065	ND	ND	74.3933	0.0008	1.4983	ND	ND	71.2656	675.0000
28	6312	10/5/2006	0.0036	0.1682	ND	ND	ND	0.0008	0.0131	ND	ND	93.8838	0.0009	2.1842	ND	ND	92.3751	772.0000
29	6313	10/5/2006	0.0019	0.1921	ND	ND	ND	ND	0.0079	ND	ND	37.5780	ND	2.4257	ND	ND	37.2982	499.0000
30	6314	10/5/2006	ND	0.0889	ND	ND	ND	0.0013	0.0179	ND	ND	249.8839	0.0043	3.5908	0.0015	ND	304.8991	1595.0000
31	6315	10/5/2006	ND	0.0733	ND	ND	ND	0.0009	0.0182	ND	ND	195.0659	0.0029	4.8642	ND	ND	247.2015	1304.0000
32	6319	10/13/2006	0.0033	0.0659	ND	ND	ND	ND	0.0153	ND	ND	84.2448	ND	6.7709	ND	ND	93.3963	621.0000
33	6320	10/13/2006	ND	0.1980	ND	ND	ND	ND	0.0041	ND	ND	13.1171	ND	1.6782	ND	ND	18.1588	287.0000
34	6321	10/13/2006	ND	0.2570	ND	ND	ND	ND	0.0087	ND	ND	33.5044	ND	6.4177	ND	ND	33.9090	499.0000
Test Count that Exceeded Standard			1	0	0	0	0	0	0	0	0	0	0	8	0	0	0	0

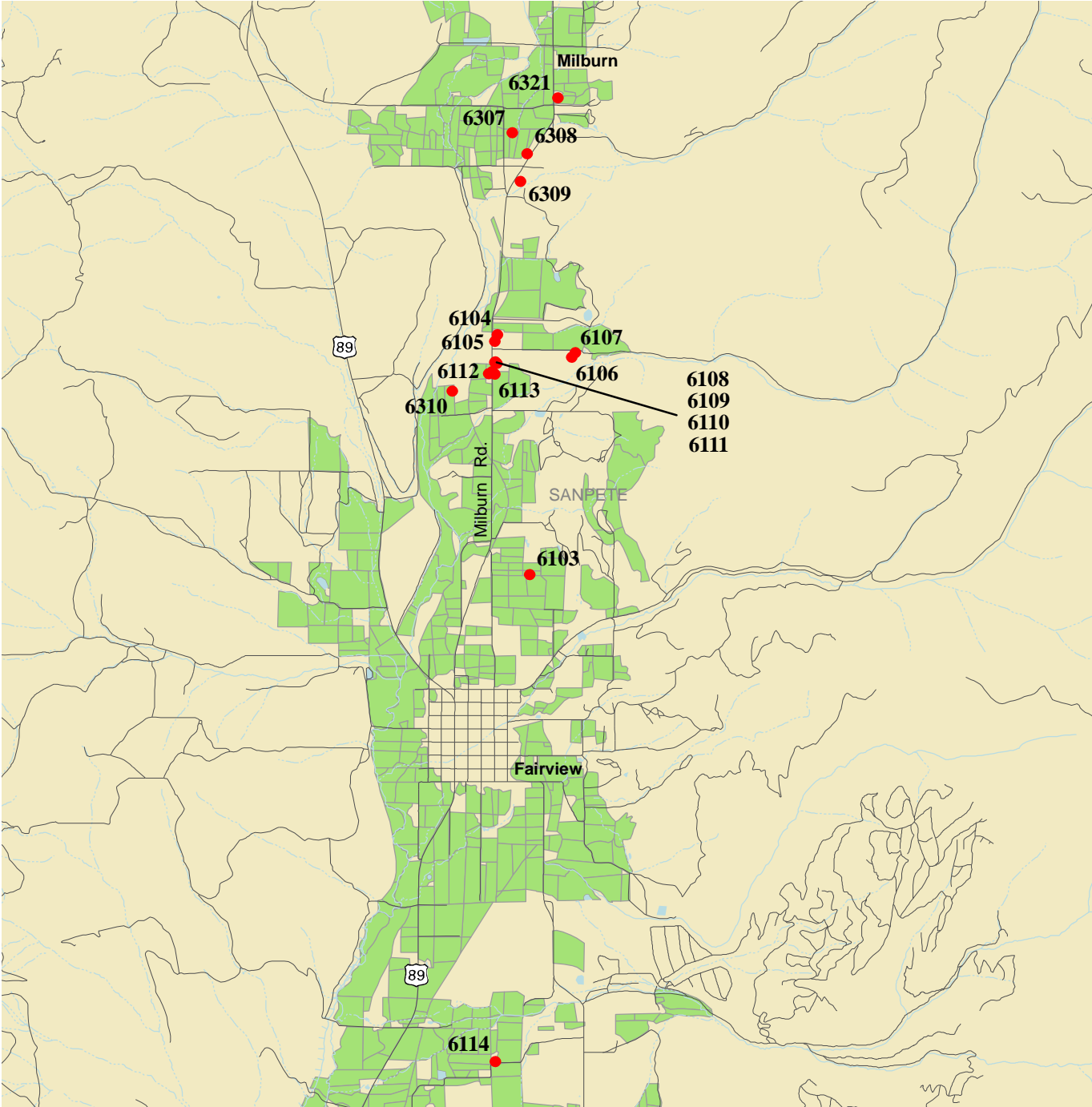
ND - Not Detected



Drinking Water Secondary Standards:			0.1	0.5	250	1	2	0.3	60;120;180	.05	6.5-8.5	1000	250	200	5
	Sample No	Tested Date	Ag mg/L	Al mg/L	Cl mg/L	Cu mg/L	F mg/L	Fe mg/L	Hardnes s	Mn mg/L	pH -	Si mg/L	SO4 mg/L	TDS mg/L	Zn mg/L
1	6093	7/13/2006	ND	ND	209.2890	0.0102	ND	0.0431	476.9000	0.0064	7.9200	9.2772	180.4664	998.0000	0.1477
2	6094	7/19/2006	ND	ND	213.3939	0.0100	ND	0.1161	128.9000	0.0049	8.2700	8.7130	192.4736	1046.0000	0.0161
3	6095	7/19/2006	ND	ND	268.9876	0.0114	ND	ND	98.5000	0.0064	8.2900	4.6689	137.8097	864.0000	0.0038
4	6096	7/13/2006	ND	ND	83.9097	0.0151	ND	ND	353.9000	0.0021	8.1100	4.1121	43.9404	445.0000	0.0040
5	6097	7/13/2006	ND	ND	254.7959	0.0095	ND	ND	527.2000	0.0042	7.8800	8.6529	219.2602	1028.0000	0.0044
6	6098	7/13/2006	ND	ND	270.2007	0.0232	ND	ND	535.5000	0.0028	7.8000	15.5029	96.3309	1002.0000	0.0276
7	6099	7/13/2006	ND	ND	178.4559	0.0133	1.2855	ND	152.0000	0.0013	8.2200	7.7843	68.6314	711.0000	0.1896
8	6100	7/13/2006	ND	ND	157.5760	0.0116	ND	ND	17.6000	0.0029	8.5600	5.5202	80.5526	647.0000	0.0044
9	6101	7/13/2006	ND	ND	160.8115	0.0119	2.3937	0.0356	4.7000	0.0047	9.0500	3.1103	72.1775	756.0000	0.0112
10	6102	7/13/2006	ND	ND	55.6794	0.0235	ND	ND	132.0000	0.0027	8.1600	13.3384	49.6544	533.0000	0.1178
11	6103	7/13/2006	ND	ND	13.8706	0.0184	ND	ND	233.7000	0.0042	7.9700	9.8294	32.7411	347.0000	0.0901
12	6104	7/13/2006	ND	ND	19.3272	0.0108	ND	ND	301.7000	0.0029	8.0500	4.9068	27.8359	380.0000	0.1990
13	6105	7/13/2006	ND	ND	12.2790	0.0630	ND	ND	290.0000	0.0040	7.9700	4.3034	25.4599	363.0000	0.2197
14	6106	7/13/2006	ND	ND	8.5895	0.0153	ND	ND	235.2000	0.0023	8.0500	5.5559	30.9139	303.0000	0.0075
15	6107	7/13/2006	ND	ND	6.1799	0.0148	ND	ND	239.3000	0.0062	8.0300	4.5012	28.2495	301.0000	0.0274
16	6108	7/13/2006	ND	ND	8.8238	0.0152	ND	ND	283.6000	0.0018	8.0300	4.2694	25.9587	354.0000	0.2927
17	6109	7/13/2006	ND	ND	9.7047	0.0114	ND	ND	271.1000	0.0030	8.2800	3.3346	32.9611	332.0000	0.0027
18	6110	7/13/2006	ND	ND	9.2459	0.0133	ND	0.0180	278.2000	0.0043	8.0300	4.0559	26.4538	342.0000	1.1480
19	6111	7/13/2006	ND	ND	9.9089	0.0138	ND	0.0996	267.9000	0.0151	8.5000	3.5489	32.8898	339.0000	0.0037
20	6112	7/13/2006	ND	ND	14.0375	0.0108	ND	ND	284.6000	0.0022	8.0600	3.1380	30.6021	359.0000	0.7165
21	6113	7/13/2006	ND	ND	11.7844	0.0126	ND	ND	284.6000	0.0018	8.1000	3.6711	32.3932	357.0000	0.0306
22	6114	7/13/2006	ND	ND	5.7394	0.0529	ND	ND	264.4000	0.0028	8.1200	5.0696	21.7280	339.0000	0.0385
23	6307	10/5/2006	ND	ND	14.8515	0.0183	ND	ND	365.8000	0.0003	7.6200	4.0715	31.2276	390.0000	0.2452
24	6308	10/5/2006	ND	ND	8.3483	0.0082	ND	ND	341.4000	0.0003	7.6200	3.4595	21.3934	359.0000	0.0325
25	6309	10/5/2006	ND	ND	9.6572	0.0044	ND	ND	362.6000	0.0199	7.7100	3.1788	29.7355	377.0000	0.0274
26	6310	10/5/2006	ND	ND	19.8559	0.0185	ND	ND	337.0000	0.0118	7.6000	6.8274	30.6432	365.0000	0.1646
27	6311	10/5/2006	ND	ND	80.8798	0.0065	ND	0.0180	536.3000	0.0264	7.7000	8.4898	71.2656	675.0000	0.0250
28	6312	10/5/2006	ND	ND	90.5033	0.0131	ND	ND	603.5000	0.0003	7.7400	8.6106	92.3751	772.0000	0.0060
29	6313	10/5/2006	ND	ND	28.2126	0.0079	ND	ND	438.8000	0.0005	7.7500	8.6718	37.2982	499.0000	0.0023
30	6314	10/5/2006	ND	ND	358.0465	0.0179	ND	ND	932.9000	0.1402	7.7600	10.4873	304.8991	1595.0000	0.0318
31	6315	10/5/2006	ND	ND	273.3383	0.0182	ND	0.0122	754.7000	0.1144	7.8000	10.5417	247.2015	1304.0000	0.0073
32	6319	10/13/2006	ND	ND	52.5218	0.0153	ND	ND	409.8000	ND	7.6400	8.7025	93.3963	621.0000	0.0337
33	6320	10/13/2006	ND	ND	7.8808	0.0041	ND	ND	255.2000	ND	7.8000	5.7384	18.1588	287.0000	ND
34	6321	10/13/2006	ND	ND	37.8898	0.0087	ND	ND	429.2000	ND	7.6300	5.9112	33.9090	499.0000	0.0036
Test Count that Exceeded Standard:			0	0	5	0	1	0	32	2	3	0	1	34	0

ND - Not Detected

Map 22. Sanpete County District - Fairview Area



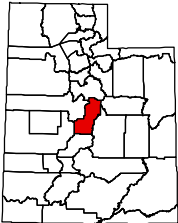
Map Scale 1:80,000 (1 inch = 1.3 miles)



- Sample location
- Road
- Stream
- Ditch or canal
- Aqueduct

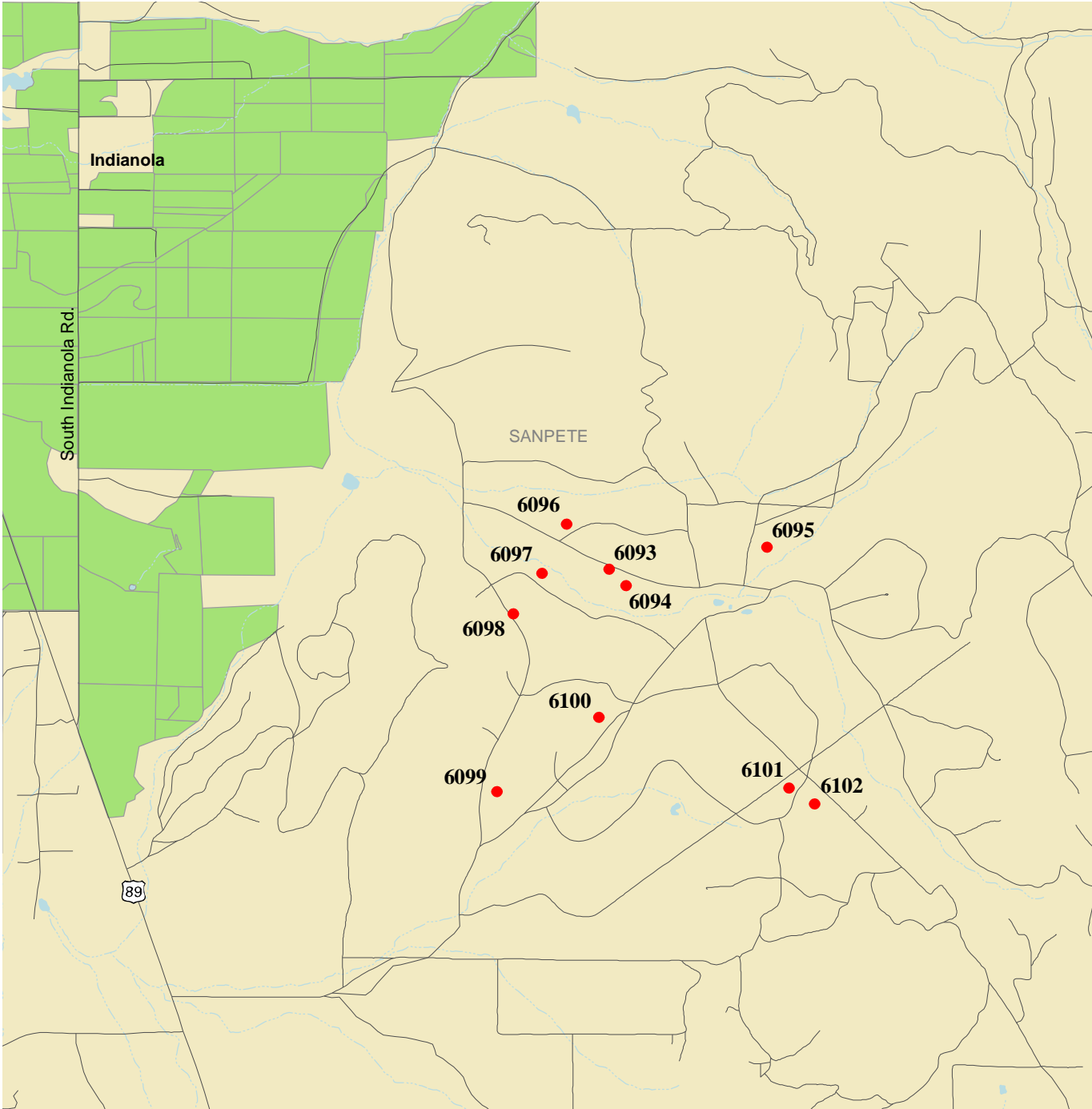
- Intermittent stream
- Water body
- Irrigated cropland
- SCD boundary

District Location





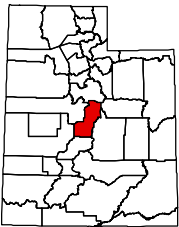
Map 23. Sanpete County District - Indianola Area



Map Scale 1:32,000 (1 inch = 0.5 miles)

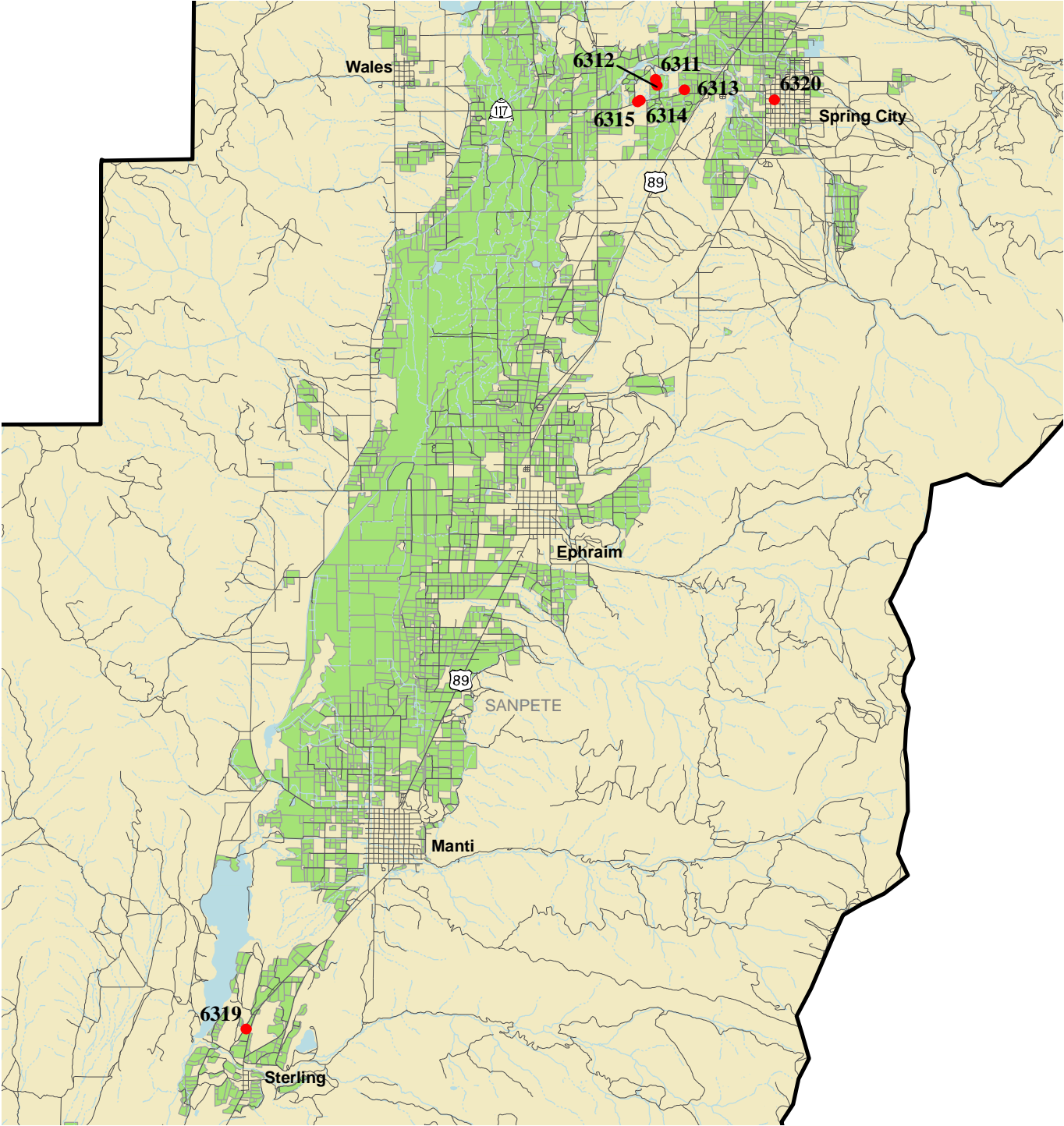


District Location



- Sample location
- Road
- Stream
- Ditch or canal
- Aqueduct
- Intermittent stream
- Water body
- Irrigated cropland
- SCD boundary

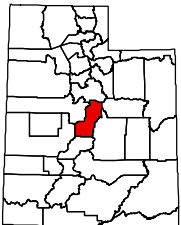
Map 24. Sanpete County District - Spring City Area












Map Scale 1:190,000 (1 inch = 3.0 miles)



District Location



- |   |                 |   |                     |
|---|-----------------|---|---------------------|
|  | Sample location |  | Intermittent stream |
|   | Road            |  | Water body          |
|   | Stream          |  | Irrigated cropland  |
|   | Ditch or canal  |  | SCD boundary        |
|   | Aqueduct        |   |                     |

# Sevier County District

## General:

### General Sample Information

Sample No	Collected Date	Coliform	Ecoli	Temperatura	EC	TDS mg/L	SAR meq/L	Hardness mg/L	Sample Site	Site Condition	Well Head	Material	Casing Condition	Cullinary	Irriga-tion	Indust-rial	Lands-cape	Natural	Drai-nage	Other
1	6324	10/4/2006	ND	ND	61.0 F (16.1 C)	1205	763.0	1.600	583.7	Well	Gravel	Covered	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	6325	10/4/2006	POS	ND	60.8 F (16.0 C)	492	275.0	0.600	211.7	Well	Vegetated	Well House	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	6326	10/4/2006	ND	ND	55.4 F (13.0 C)	797	450.0	0.300	401.7	Well	Clay Soil	Well House	PVC	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	6327	10/4/2006	ND	ND	54.0 F (12.2 C)	797	467.0	0.800	357.0	Well	Clean	Well House	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	6328	10/4/2006	ND	ND	57.4 F (14.1 C)	628	365.0	0.900	265.0	Well	Gravel	Soil	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bacteria Positive Sample Count		1	0	ND - Not Detected																

## Irrigation:

### Irrigation Standards

Irrigation Standards			5	0.5;1.0;2.0;	.1	100000	71;355	1	1000	1	0.2	1	5	73.2;152.5	10000	2.5	100000
	Sample No	Tested Date	Al mg/L	B mg/L	Be mg/L	Ca mg/L	Cl mg/L	Co mg/L	CO3 mg/L	Cr mg/L	Cu mg/L	F mg/L	Fe mg/L	HCO3 mg/L	K mg/L	Li mg/L	Mg mg/L
1	6324	10/13/2006	ND	0.4770	ND	81.1583	40.3427	ND	ND	ND	0.0177	ND	ND	697.9270	3.4429	0.0393	92.4397
2	6325	10/13/2006	ND	0.0802	ND	50.4007	11.5113	0.0005	ND	ND	0.0079	ND	0.2892	298.5830	4.2987	0.0079	20.8002
3	6326	10/13/2006	ND	0.1448	ND	117.3130	46.0083	ND	ND	ND	0.0139	ND	ND	348.1110	2.6271	0.0078	26.3036
4	6327	10/13/2006	ND	0.1366	ND	104.5023	39.0821	ND	ND	ND	0.0126	ND	ND	376.8800	4.3466	0.0131	23.2313
5	6328	10/13/2006	ND	0.1019	ND	72.6349	18.9935	ND	ND	ND	0.0105	ND	ND	343.5280	3.2287	0.0131	20.2560
Test Count that Exceeded Standard			0	0	0	0	0	0	0	0	0	0	0	5	0	0	0

ND - Not Detected

### Irrigation Standards Continues

Irrigation Standards Continues			.2	.01	70;230	.2	5	10000	3;9	.02	151;451;13	.1	2
	Sample No	Tested Date	Mn mg/L	Mo mg/L	Na mg/L	Ni mg/L	Pb mg/L	PO4 mg/L	SAR meq/L	Se mg/L	TDS mg/L	V mg/L	Zn mg/L
1	6324	10/13/2006	0.0014	ND	91.5705	0.0016	ND	ND	1.6000	ND	763.0000	0.0047	0.1829
2	6325	10/13/2006	0.6178	0.0013	21.6395	0.0008	ND	ND	0.6000	ND	275.0000	ND	0.0023
3	6326	10/13/2006	0.0004	ND	12.5452	ND	ND	ND	0.3000	ND	450.0000	ND	0.0191
4	6327	10/13/2006	0.0003	ND	36.2591	ND	ND	ND	0.8000	ND	467.0000	0.0050	0.0583
5	6328	10/13/2006	0.0005	ND	34.9967	ND	ND	ND	0.9000	ND	365.0000	0.0024	0.0194
Test Count that Exceeded Standard:			1	0	1	0	0	0	0	0	5	0	0

ND - Not Detected



**Livestock:**

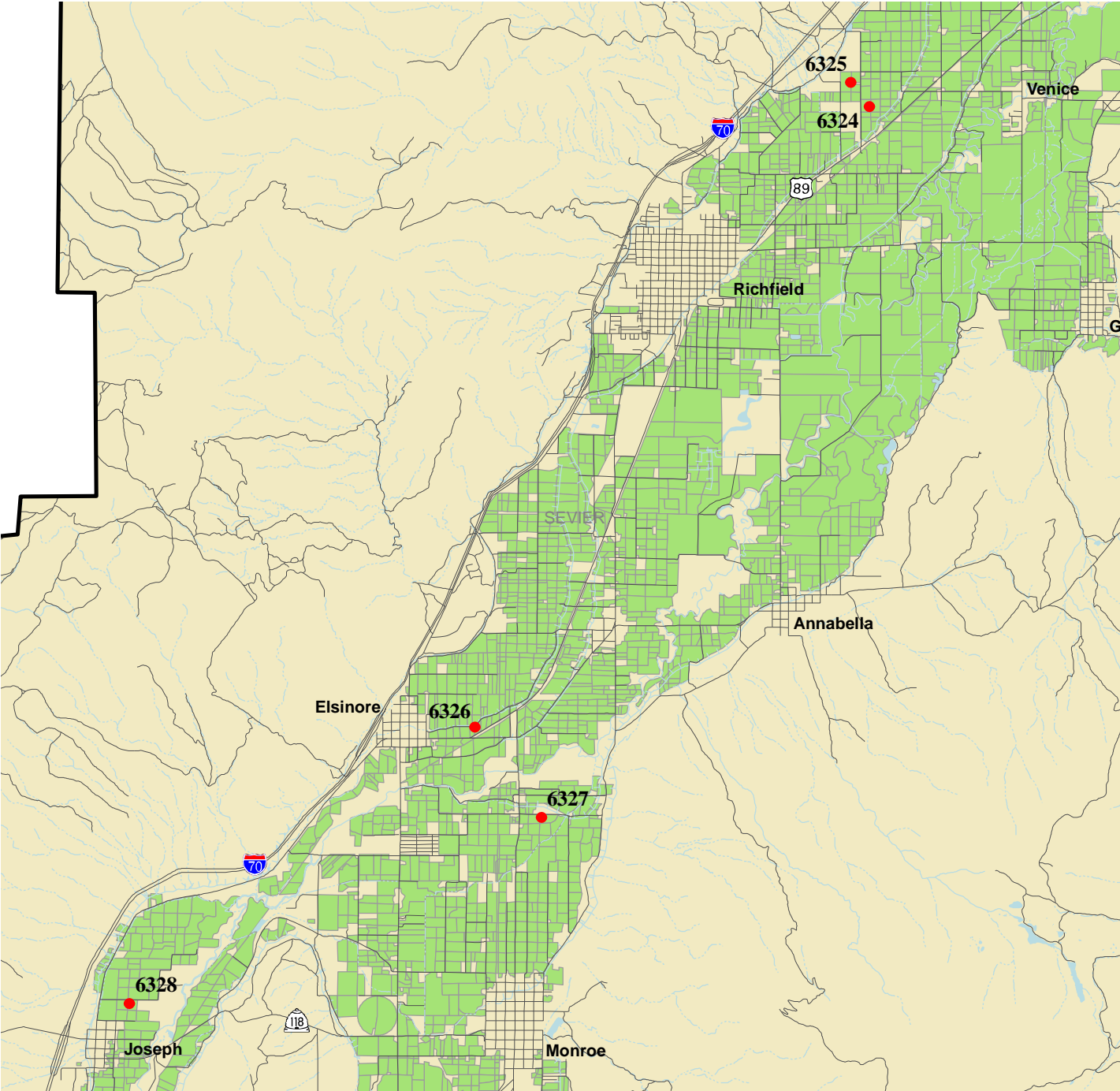
Livestock Standards			5	0.2	5	.1	0.05	1	1	.5	2	10	100	.1	5.5-8.3	.05	167;333	1000;3000;	25
	Sample No	Tested Date	Al mg/L	As mg/L	B mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	F mg/L	Hg ug/L	NO3 mg/L	Pb mg/L	pH -	Se mg/L	SO4 mg/L	TDS mg/L	Zn mg/L
1	6324	10/13/2006	ND	0.0030	0.4770	ND	ND	ND	ND	0.0177	ND	ND	5.0539	ND	7.5400	ND	96.9031	763.0000	0.1829
2	6325	10/13/2006	ND	0.0084	0.0802	ND	ND	0.0005	ND	0.0079	ND	ND	0.3830	ND	7.6300	ND	8.3452	275.0000	0.0023
3	6326	10/13/2006	ND	ND	0.1448	ND	ND	ND	ND	0.0139	ND	ND	3.6549	ND	7.5500	ND	57.2084	450.0000	0.0191
4	6327	10/13/2006	ND	0.0040	0.1366	ND	ND	ND	ND	0.0126	ND	ND	3.2866	ND	7.4600	ND	55.7233	467.0000	0.0583
5	6328	10/13/2006	ND	ND	0.1019	ND	ND	ND	ND	0.0105	ND	ND	2.7102	ND	7.6800	ND	29.1375	365.0000	0.0194
Test Count that Exceeded Standard			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ND - Not Detected																			

**Culinary:**

Drinking Water Primary Standards			0.01	2	0.004	1	0.005	25	0.1	1.3	4	2	10000	1000	10	.015	.05	500	2000
	Sample No	Tested Date	As mg/L	Ba mg/L	Be mg/L	Br mg/L	Cd mg/L	ClO4 ug/L	Cr mg/L	Cu mg/L	F mg/L	Hg ug/L	Na mg/L	Ni mg/L	NO3 mg/L	Pb mg/L	Se mg/L	SO4 mg/L	TDS mg/L
1	6324	10/13/2006	0.0030	0.0388	ND	2.8583	ND	ND	ND	0.0177	ND	ND	91.5705	0.0016	5.0539	ND	ND	96.9031	763.0000
2	6325	10/13/2006	0.0084	0.0841	ND	1.3913	ND	ND	ND	0.0079	ND	ND	21.6395	0.0008	0.3830	ND	ND	8.3452	275.0000
3	6326	10/13/2006	ND	0.0571	ND	1.4557	ND	ND	ND	0.0139	ND	ND	12.5452	ND	3.6549	ND	ND	57.2084	450.0000
4	6327	10/13/2006	0.0040	0.0746	ND	1.9886	ND	ND	ND	0.0126	ND	ND	36.2591	ND	3.2866	ND	ND	55.7233	467.0000
5	6328	10/13/2006	ND	0.0454	ND	1.9046	ND	ND	ND	0.0105	ND	ND	34.9967	ND	2.7102	ND	ND	29.1375	365.0000
Test Count that Exceeded Standard			0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0
ND - Not Detected																			

Drinking Water Secondary Standards:			0.1	0.5	250	1	2	0.3	60;120;180	.05	6.5-8.5	1000	250	200	5
	Sample No	Tested Date	Ag mg/L	Al mg/L	Cl mg/L	Cu mg/L	F mg/L	Fe mg/L	Hardnes s	Mn mg/L	pH -	Si mg/L	SO4 mg/L	TDS mg/L	Zn mg/L
1	6324	10/13/2006	ND	ND	40.3427	0.0177	ND	ND	583.7000	0.0014	7.5400	7.4339	96.9031	763.0000	0.1829
2	6325	10/13/2006	ND	ND	11.5113	0.0079	ND	0.2892	211.7000	0.6178	7.6300	10.4948	8.3452	275.0000	0.0023
3	6326	10/13/2006	ND	ND	46.0083	0.0139	ND	ND	401.7000	0.0004	7.5500	12.9423	57.2084	450.0000	0.0191
4	6327	10/13/2006	ND	ND	39.0821	0.0126	ND	ND	357.0000	0.0003	7.4600	14.5943	55.7233	467.0000	0.0583
5	6328	10/13/2006	ND	ND	18.9935	0.0105	ND	ND	265.0000	0.0005	7.6800	13.4291	29.1375	365.0000	0.0194
Test Count that Exceeded Standard:			0	0	0	0	0	0	5	1	0	0	0	5	0
ND - Not Detected															

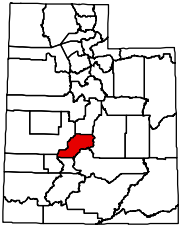
Map 25. Sevier County District












Map Scale 1:120,000 (1 inch = 1.9 miles)



District Location



- |   |                 |   |                     |
|---|-----------------|---|---------------------|
|  | Sample location |  | Intermittent stream |
|   | Road            |  | Water body          |
|   | Stream          |  | Irrigated cropland  |
|   | Ditch or canal  |  | SCD boundary        |
|   | Aqueduct        |   |                     |

## **UACD Zone 5 (Beaver, Iron, Kane, and Washington counties and most of Garfield County)**

Nineteen (19) sites were sampled in three (3) of the seven (7) Soil Conservation Districts in Zone 5 during the spring, summer, and fall of 2006. These include the number of samples in the following districts: five (5) Dixie, two (2) Twin M, and twelve (12) Upper Sevier. No samples were collected in the Beaver, Canyonlands, E and I, or Kane County districts.

The Statistical Report below shows a summary of the total number of chemical tests collected (Test Count) for each district in Zone 5. The next four columns summarize the number of tests which exceeded the standard for either Primary Drinking Water (DW Primary), Secondary Drinking Water (DW Secondary), Irrigation, or Livestock.

### **Ground Water UACD Zone No 5 Statistical Report For the Samples Collected Between: 4/1/2006 And 11/1/2006**

District Name	Sample Count	Test Count	Test Count Which Result Exceeded Standards			
			DW Primary	DW Secondary	Irrigation	Livestock
Dixie	5	200	11	19	23	8
Twin M	2	80	0	4	4	0
Upper Sevier	12	480	1	19	24	2
<b>Zone Totals:</b>	<b>19</b>	<b>760</b>	<b>12</b>	<b>42</b>	<b>51</b>	<b>10</b>

Detailed tables follow covering the above water quality categories - General, Irrigation, Livestock, and Culinary (which includes Primary Drinking Water Standards and Secondary Drinking Water Standards) for each district along with a map(s). For the Irrigation, Livestock, and Culinary tables the first row lists the explicit standard for each element or compound (column). The standards for irrigation and livestock originated from the *Water quality for agriculture 29 Revision 1*, published by the Food and Agriculture Organization of the United Nations. The drinking water primary and secondary standards are from the State of Utah's water quality standards. Below the standards are the column headings expressed as the chemical abbreviation for each element or compound tested. Units used in measuring the concentrations of each element or compound are found below each abbreviation. Each row of the table is a single sample identified with a sample number. This sample number shows the sampling location on the map(s) found after the chemistry tables. Highlighted sample results show samples that exceed a standard for that element or compound. Totals at the bottom of each table show how many samples in each column exceeded the standard for that column. The value "ND" indicates that a particular element or compound was "Not Detected" for a given sample.



# Dixie District

## General:

### General Sample Information

	Sample No	Collected Date	Coliform	Ecoli	Temperatura	EC	TDS	SAR	Hardness	Sample Site	Site Condition	Well Head	Material	Casing Condition	Cullinary	Irrigation	Industrial	Landscape	Natural	Drainage	Other
1	6341	10/11/2006	ND	ND	57.7 F (14.3 C)	505	287.0	0.700	227.0	Well	Clean	Well House	Steel	Open	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	6343	10/11/2006	POS	ND	62.6 F (17.0 C)	5060	4108.	3.400	2171.	Well	Livestock	Covered	Steel	Open	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	6344	10/11/2006	POS	POS	59.5 F (15.3 C)	5480	4501.	2.100	2690.	Spring	Clay Soil	Natural	Earth	Open	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4	6345	10/11/2006	POS	POS	62.2 F (16.8 C)	5990	4638.	3.800	2498.	Well	Clay Soil	Natural	Concrete	Open	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	6346	10/11/2006	POS	ND	76.6 F (24.8 C)	824	532.0	0.400	450.0	Spring	Surface Water	Covered	PVC	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bacteria Positive Sample Count			4	2	ND - Not Detected																

## Irrigation:

### Irrigation Standards

	Sample No	Tested Date	AI mg/L	B mg/L	Be mg/L	Ca mg/L	Cl mg/L	Co mg/L	CO3 mg/L	Cr mg/L	Cu mg/L	F mg/L	Fe mg/L	HCO3 mg/L	K mg/L	Li mg/L	Mg mg/L
1	6341	10/17/2006	ND	0.1219	ND	68.7377	11.2123	0.0004	ND	0.0007	0.0174	ND	ND	263.6390	2.1580	0.0092	13.3888
2	6343	10/18/2006	ND	1.3340	ND	439.6172	313.9361	0.0008	ND	ND	0.0138	ND	3.1462	39.2047	11.0252	0.2286	260.2843
3	6344	10/18/2006	ND	1.5680	ND	497.1587	330.1266	0.0005	ND	ND	0.0146	ND	ND	241.3280	14.3577	0.2063	351.3241
4	6345	10/18/2006	ND	2.0880	ND	502.9712	494.3564	0.0006	ND	0.0006	0.0109	ND	0.0109	192.6360	12.6726	0.3097	301.1083
5	6346	10/17/2006	ND	0.0946	ND	109.2775	29.8414	ND	ND	0.0007	0.0117	ND	ND	342.9240	1.5399	0.0082	42.9223
Test Count that Exceeded Standard			0	3	0	0	3	0	0	0	0	0	0	4	0	0	0

ND - Not Detected

### Irrigation Standards Continues

	Sample No	Tested Date	.2 Mn mg/L	.01 Mo mg/L	70;230 Na mg/L	.2 Ni mg/L	5 Pb mg/L	10000 PO4 mg/L	3;9 SAR meq/L	.02 Se mg/L	151;451;13 TDS mg/L	.1 V mg/L	2 Zn mg/L
1	6341	10/17/2006	0.0105	0.0010	22.9055	0.0018	ND	ND	0.7000	ND	287.0000	ND	0.0286
2	6343	10/18/2006	0.7910	0.0012	362.7220	0.0044	ND	ND	3.4000	ND	4108.0000	ND	2.1070
3	6344	10/18/2006	0.0007	0.0082	245.0250	0.0036	ND	ND	2.1000	ND	4501.0000	ND	0.0144
4	6345	10/18/2006	0.0055	0.0050	440.7690	0.0033	ND	ND	3.8000	0.0330	4638.0000	ND	0.2293
5	6346	10/17/2006	ND	ND	19.7388	0.0008	ND	ND	0.4000	ND	532.0000	ND	0.0112
Test Count that Exceeded Standard:			1	0	3	0	0	0	2	1	5	0	1

ND - Not Detected

## Livestock Standards

ND - Not Detected

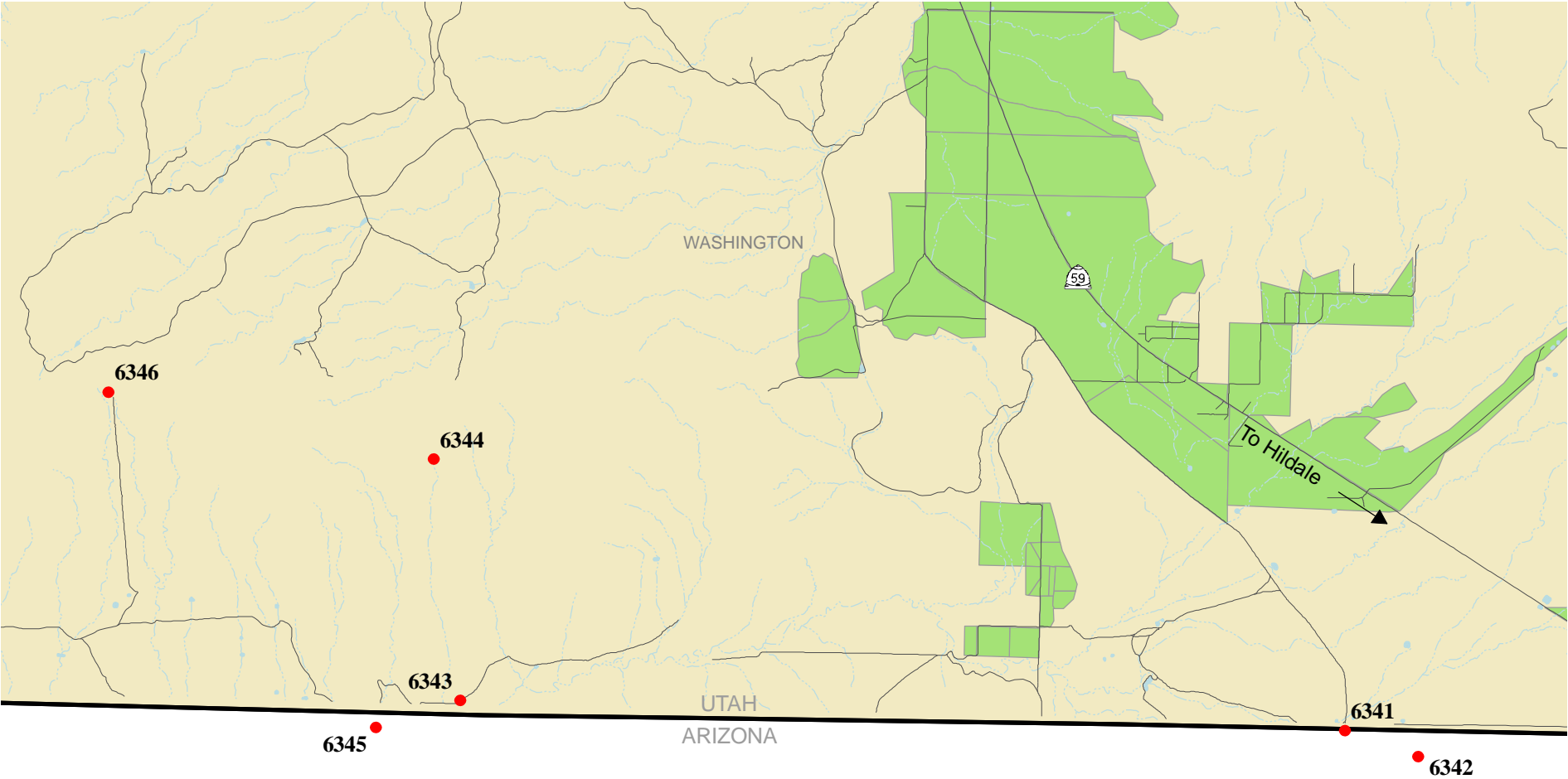
### Drinking Water Primary Standards

ND - Not Detected

	Sample No	Tested Date	Ag mg/L	Al mg/L	Cl mg/L	Cu mg/L	F mg/L	Fe mg/L	Hardnes s	Mn mg/L	pH -	Si mg/L	SO4 mg/L	TDS mg/L	Zn mg/L
1	6341	10/17/2006	ND	ND	11.2123	0.0174	ND	ND	227.0000	0.0105	8.3200	4.8249	33.0665	287.0000	0.0286
2	6343	10/18/2006	ND	ND	313.9361	0.0138	ND	3.1462	2171.4000	0.7910	6.4200	0.3349	2701.0330	4108.0000	2.1070
3	6344	10/18/2006	ND	ND	330.1266	0.0146	ND	ND	2690.4000	0.0007	8.1900	8.8053	2935.2640	4501.0000	0.0144
4	6345	10/18/2006	ND	ND	494.3564	0.0109	ND	0.0109	2498.0000	0.0055	8.0400	5.4367	2778.8110	4638.0000	0.2293
5	6346	10/17/2006	ND	ND	29.8414	0.0117	ND	ND	450.0000	ND	8.3800	6.4444	152.7969	532.0000	0.0112

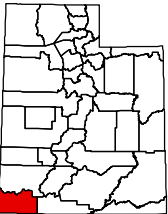
ND - Not Detected

Map 26. Dixie District



- |  |                 |  |                     |
|--|-----------------|--|---------------------|
|  | Sample location |  | Intermittent stream |
|  | Road            |  | Water body          |
|  | Stream          |  | Irrigated cropland  |
|  | Ditch or canal  |  | SCD boundary        |
|  | Aqueduct        |  |                     |

District Location





# Twin M

## General:

### General Sample Information

	Sample No	Collected Date	Coliform	Ecoli	Temperatura	EC	TDS mg/L	SAR meq/L	Hardness mg/L	Sample Site	Site Condition	Well Head	Material	Casing Condition	Cullinary	Irrigation	Industrial	Landscape	Natural	Drainage	Other
1	6088	6/28/2006	ND	ND	59.5 F (15.3 C)	637	352.0	0.600	276.0	Well	Vegetated	Covered	Steel	Sealed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	6089	6/28/2006	POS	ND	59.9 F (15.5 C)	609	338.0	0.500	262.8	Well	Chemicals	Pit Masonry	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bacteria Positive Sample Count			1	0	ND - Not Detected																

## Irrigation:

### Irrigation Standards

	Sample No	Tested Date	AI mg/L	B mg/L	Be mg/L	Ca mg/L	Cl mg/L	Co mg/L	CO3 mg/L	Cr mg/L	Cu mg/L	F mg/L	Fe mg/L	HCO3 mg/L	K mg/L	Li mg/L	Mg mg/L
1	6088	6/30/2006	ND	0.0302	ND	70.0323	23.4908	ND	ND	0.0024	0.0126	ND	ND	291.4220	2.0435	0.0031	24.5002
2	6089	6/30/2006	ND	0.0279	ND	68.3225	22.6786	ND	ND	0.0036	0.0094	ND	ND	286.7100	1.7140	0.0032	22.3322
Test Count that Exceeded Standard			0	0	0	0	0	0	0	0	0	0	0	2	0	0	0

ND - Not Detected

### Irrigation Standards Continues

	Sample No	Tested Date	Mn mg/L	Mo mg/L	Na mg/L	Ni mg/L	Pb mg/L	PO4 mg/L	SAR meq/L	Se mg/L	TDS mg/L	V mg/L	Zn mg/L
1	6088	6/30/2006	0.0011	0.0005	21.3514	0.0008	ND	ND	0.6000	0.0054	352.0000	ND	0.0039
2	6089	6/30/2006	0.0010	0.0006	20.1077	0.0008	ND	ND	0.5000	0.0043	338.0000	ND	0.0100
Test Count that Exceeded Standard:			0	0	0	0	0	0	0	0	2	0	0

ND - Not Detected

## Livestock:

### Livestock Standards

	Sample No	Tested Date	AI mg/L	As mg/L	B mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	F mg/L	Hg ug/L	NO3 mg/L	Pb mg/L	pH	Se mg/L	SO4 mg/L	TDS mg/L	Zn mg/L
1	6088	6/30/2006	ND	ND	0.0302	ND	ND	ND	0.0024	0.0126	ND	ND	1.3509	ND	7.6900	0.0054	56.6354	352.0000	0.0039
2	6089	6/30/2006	ND	ND	0.0279	ND	ND	ND	0.0036	0.0094	ND	ND	1.7672	ND	7.8500	0.0043	52.8633	338.0000	0.0100
Test Count that Exceeded Standard			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ND - Not Detected

## Culinary:

### Drinking Water Primary Standards

	Sample No	Tested Date	As mg/L	Ba mg/L	Be mg/L	Br mg/L	Cd mg/L	ClO4 ug/L	Cr mg/L	Cu mg/L	F mg/L	Hg ug/L	Na mg/L	Ni mg/L	NO3 mg/L	Pb mg/L	Se mg/L	SO4 mg/L	TDS mg/L
1	6088	6/30/2006	ND	0.0878	ND	ND	ND	ND	0.0024	0.0126	ND	ND	21.3514	0.0008	1.3509	ND	0.0054	56.6354	352.0000
2	6089	6/30/2006	ND	0.0834	ND	ND	ND	ND	0.0036	0.0094	ND	ND	20.1077	0.0008	1.7672	ND	0.0043	52.8633	338.0000
Test Count that Exceeded Standard			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ND - Not Detected

**Drinking Water Secondary Standards:**

			0.1	0.5	250	1	2	0.3	60;120;180	.05	6.5-8.5	1000	250	200	5
	Sample No	Tested Date	Ag mg/L	Al mg/L	Cl mg/L	Cu mg/L	F mg/L	Fe mg/L	Hardnes s	Mn mg/L	pH -	Si mg/L	SO4 mg/L	TDS mg/L	Zn mg/L
1	6088	6/30/2006	ND	ND	23.4908	0.0126	ND	ND	276.0000	0.0011	7.6900	8.4023	56.6354	352.0000	0.0039
2	6089	6/30/2006	ND	ND	22.6786	0.0094	ND	ND	262.8000	0.0010	7.8500	7.2122	52.8633	338.0000	0.0100
Test Count that Exceeded Standard:			0	0	0	0	0	0	2	0	0	0	0	2	0

ND - Not Detected

# Upper Sevier District

## General:

### General Sample Information

Sample No	Collected Date	Coliform	Ecoli	Temperatura	EC	TDS mg/L	SAR meq/L	Hardness mg/L	Sample Site	Site Condition	Well Head	Material	Casing Condition	Cullinary	Irrigation	Industrial	Landscaping	Natural	Drainage	Other
1	6329	10/11/2006	POS	ND	53.1 F (11.7 C)	308	197.0	0.500	133.8	Well	Vegetated	Natural	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	6330	10/11/2006	ND	ND	50.9 F (10.5 C)	331	192.0	0.600	142.1	Well	Clean	Soil	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	6331	10/11/2006	ND	ND	52.3 F (11.3 C)	343	206.0	0.600	147.6	Well	Clean	Soil	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	6332	10/11/2006	ND	ND	55.0 F (12.8 C)	307	186.0	0.600	126.7	Well	Clean	Soil	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	6334	10/11/2006	ND	ND	56.8 F (13.8 C)	384	222.0	0.700	164.5	Well	Loam	Soil	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	6335	10/11/2006	ND	ND	51.3 F (10.7 C)	315	185.0	0.600	129.7	Well	Livestock	Well House	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	6336	10/11/2006	ND	ND	52.5 F (11.4 C)	277	166.0	0.500	116.5	Well	Clean	Well House	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	6337	10/11/2006	ND	ND	50.9 F (10.5 C)	302	180.0	0.400	133.9	Well	Clean	Soil	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	6338	10/11/2006	ND	ND	51.8 F (11.0 C)	297	176.0	0.400	128.8	Well	Clean	Concrete Pad	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	6339	10/11/2006	POS	ND	50.0 F (10.0 C)	546	251.0	0.200	233.2	Well	Livestock	Pit Masonry	Steel	Open	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11	6340	10/11/2006	POS	ND	50.5 F (10.3 C)	550	329.0	0.900	242.7	Well	Clean	Well House	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12	6342	10/11/2006	POS	ND	59.0 F (15.0 C)	523	299.0	0.700	238.4	Well	Clean	Concrete Pad	Steel	Open	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Bacteria Positive Sample Count      4      0      ND - Not Detected

## Irrigation:

### Irrigation Standards

Irrigation Standards			5	0.5;1.0;2.0;	.1	100000	71;355	1	1000	1	0.2	1	5	73.2;152.5	10000	2.5	100000
	Sample No	Tested Date	Al mg/L	B mg/L	Be mg/L	Ca mg/L	Cl mg/L	Co mg/L	CO3 mg/L	Cr mg/L	Cu mg/L	F mg/L	Fe mg/L	HCO3 mg/L	K mg/L	Li mg/L	Mg mg/L
1	6329	10/17/2006	ND	0.0319	ND	37.6951	12.0365	ND	ND	0.0012	0.0073	ND	1.0040	177.3920	3.4603	0.0032	9.6013
2	6330	10/17/2006	ND	0.0324	ND	40.6100	3.6964	ND	ND	0.0008	0.0114	ND	ND	208.4990	1.0616	ND	9.8382
3	6331	10/17/2006	ND	0.0314	ND	44.5237	4.1553	ND	ND	0.0007	0.0108	ND	ND	218.1870	2.3429	ND	8.7996
4	6332	10/17/2006	ND	0.0260	ND	36.4116	7.1225	ND	ND	0.0014	0.0180	ND	ND	185.6940	3.1885	0.0031	8.6552
5	6334	10/17/2006	ND	0.0404	ND	46.0386	7.3174	ND	ND	0.0009	0.0105	ND	ND	237.7400	1.2284	ND	11.9858
6	6335	10/17/2006	ND	0.0518	ND	37.0846	7.1302	ND	ND	0.0008	0.0072	ND	ND	187.9140	2.8874	ND	8.9851
7	6336	10/17/2006	ND	0.0293	ND	34.6769	4.7494	ND	ND	0.0006	0.0072	ND	0.1683	176.0460	2.0019	ND	7.2434
8	6337	10/17/2006	ND	0.0196	ND	38.5363	6.3647	ND	ND	0.0010	0.0094	ND	ND	180.8970	3.0422	ND	9.1091
9	6338	10/17/2006	ND	0.0211	ND	36.7802	5.2968	ND	ND	0.0012	0.0101	ND	ND	175.5660	3.3159	ND	8.9370
10	6339	10/17/2006	ND	0.0281	ND	57.6171	6.4411	ND	ND	0.0007	0.0131	ND	0.0428	286.1080	2.1837	0.0087	21.6436
11	6340	10/17/2006	ND	0.0813	ND	58.8253	6.7996	ND	6.7950	0.0017	0.0171	ND	ND	346.0170	2.2045	0.0092	23.2074
12	6342	10/17/2006	ND	0.1606	ND	56.6803	10.8188	0.0008	ND	0.0007	0.0109	ND	0.1724	308.5520	2.7479	0.0166	23.4602
Test Count that Exceeded Standard			0	0	0	0	0	0	0	0	0	0	0	12	0	0	0

ND - Not Detected



### Irrigation Standards Continues

	Sample No	Tested Date	.2 Mn mg/L	.01 Mo mg/L	70;230 Na mg/L	.2 Ni mg/L	5 Pb mg/L	10000 PO4 mg/L	3;9 SAR meq/L	.02 Se mg/L	151;451;13 TDS mg/L	.1 V mg/L	2 Zn mg/L
1	6329	10/17/2006	0.0101	0.0005	12.8391	ND	ND	ND	0.5000	ND	197.0000	0.0084	0.0209
2	6330	10/17/2006	0.0003	ND	16.4256	ND	ND	ND	0.6000	ND	192.0000	0.0071	0.1090
3	6331	10/17/2006	ND	ND	17.1193	ND	ND	ND	0.6000	ND	206.0000	0.0070	0.0227
4	6332	10/17/2006	ND	ND	15.8170	ND	ND	ND	0.6000	ND	186.0000	0.0075	0.1427
5	6334	10/17/2006	ND	ND	20.2160	ND	ND	ND	0.7000	ND	222.0000	0.0098	0.6384
6	6335	10/17/2006	ND	0.0006	14.7554	ND	ND	ND	0.6000	ND	185.0000	0.0091	0.0276
7	6336	10/17/2006	0.0017	ND	13.6027	ND	ND	ND	0.5000	ND	166.0000	0.0116	0.0536
8	6337	10/17/2006	ND	ND	11.1784	ND	ND	ND	0.4000	ND	180.0000	0.0075	0.0356
9	6338	10/17/2006	ND	ND	11.3485	ND	ND	ND	0.4000	ND	176.0000	0.0082	0.0254
10	6339	10/17/2006	0.0138	0.0006	7.5803	0.0008	ND	ND	0.2000	ND	251.0000	ND	0.2337
11	6340	10/17/2006	0.0005	ND	33.6187	ND	ND	ND	0.9000	ND	329.0000	0.0098	0.0214
12	6342	10/17/2006	0.1285	0.0015	23.1473	0.0011	ND	ND	0.7000	ND	299.0000	ND	0.0205
Test Count that Exceeded Standard:			0	0	0	0	0	0	0	0	12	0	0

ND - Not Detected

### Livestock:

#### Livestock Standards

	Sample No	Tested Date	5 Al mg/L	0.2 As mg/L	5 B mg/L	.1 Be mg/L	0.05 Cd mg/L	1 Co mg/L	1 Cr mg/L	.5 Cu mg/L	2 F mg/L	10 Hg ug/L	100 NO3 mg/L	.1 Pb mg/L	5.5-8.3 pH -	.05 Se mg/L	167;333 SO4 mg/L	1000;3000; TDS mg/L	25 Zn mg/L
1	6329	10/17/2006	ND	ND	0.0319	ND	ND	ND	0.0012	0.0073	ND	ND	0.8284	ND	8.2900	ND	14.5358	197.0000	0.0209
2	6330	10/17/2006	ND	ND	0.0324	ND	ND	ND	0.0008	0.0114	ND	ND	0.6427	ND	8.1400	ND	3.0886	192.0000	0.1090
3	6331	10/17/2006	ND	ND	0.0314	ND	ND	ND	0.0007	0.0108	ND	ND	0.5222	ND	8.2200	ND	3.2828	206.0000	0.0227
4	6332	10/17/2006	ND	0.0023	0.0260	ND	ND	ND	0.0014	0.0180	ND	ND	0.6060	ND	8.1900	ND	4.5852	186.0000	0.1427
5	6334	10/17/2006	ND	ND	0.0404	ND	ND	ND	0.0009	0.0105	ND	ND	1.1696	ND	8.2600	ND	3.6358	222.0000	0.6384
6	6335	10/17/2006	ND	0.0019	0.0518	ND	ND	ND	0.0008	0.0072	ND	ND	0.5990	ND	8.1900	ND	5.2160	185.0000	0.0276
7	6336	10/17/2006	ND	0.0021	0.0293	ND	ND	ND	0.0006	0.0072	ND	ND	0.3804	ND	8.1700	ND	2.9183	166.0000	0.0536
8	6337	10/17/2006	ND	0.0019	0.0196	ND	ND	ND	0.0010	0.0094	ND	ND	1.0836	ND	8.1900	ND	5.2346	180.0000	0.0356
9	6338	10/17/2006	ND	0.0021	0.0211	ND	ND	ND	0.0012	0.0101	ND	ND	1.0099	ND	8.2000	ND	5.7828	176.0000	0.0254
10	6339	10/17/2006	ND	ND	0.0281	ND	ND	ND	0.0007	0.0131	ND	ND	0.2276	ND	8.3700	ND	6.0472	251.0000	0.2337
11	6340	10/17/2006	ND	0.0025	0.0813	ND	ND	ND	0.0017	0.0171	ND	ND	0.9249	ND	8.4100	ND	8.4824	329.0000	0.0214
12	6342	10/17/2006	ND	ND	0.1606	ND	ND	0.0008	0.0007	0.0109	ND	ND	0.2295	ND	8.2600	ND	23.3095	299.0000	0.0205
Test Count that Exceeded Standard			0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0

ND - Not Detected

Culinary:

Drinking Water Primary Standards			0.01	2	0.004	1	0.005	25	0.1	1.3	4	2	10000	1000	10	.015	.05	500	2000
			As	Ba	Be	Br	Cd	ClO4	Cr	Cu	F	Hg	Na	Ni	NO3	Pb	Se	SO4	TDS
			mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
1	6329	10/17/2006	ND	0.0033	ND	ND	ND	ND	0.0012	0.0073	ND	ND	12.8391	ND	0.8284	ND	ND	14.5358	197.0000
2	6330	10/17/2006	ND	0.0029	ND	ND	ND	ND	0.0008	0.0114	ND	ND	16.4256	ND	0.6427	ND	ND	3.0886	192.0000
3	6331	10/17/2006	ND	0.0023	ND	ND	ND	ND	0.0007	0.0108	ND	ND	17.1193	ND	0.5222	ND	ND	3.2828	206.0000
4	6332	10/17/2006	0.0023	0.0020	ND	ND	ND	ND	0.0014	0.0180	ND	ND	15.8170	ND	0.6060	ND	ND	4.5852	186.0000
5	6334	10/17/2006	ND	0.0027	ND	ND	ND	ND	0.0009	0.0105	ND	ND	20.2160	ND	1.1696	ND	ND	3.6358	222.0000
6	6335	10/17/2006	0.0019	0.0020	ND	ND	ND	ND	0.0008	0.0072	ND	ND	14.7554	ND	0.5990	ND	ND	5.2160	185.0000
7	6336	10/17/2006	0.0021	0.0022	ND	ND	ND	ND	0.0006	0.0072	ND	ND	13.6027	ND	0.3804	ND	ND	2.9183	166.0000
8	6337	10/17/2006	0.0019	0.0024	ND	ND	ND	ND	0.0010	0.0094	ND	ND	11.1784	ND	1.0836	ND	ND	5.2346	180.0000
9	6338	10/17/2006	0.0021	0.0029	ND	ND	ND	ND	0.0012	0.0101	ND	ND	11.3485	ND	1.0099	ND	ND	5.7828	176.0000
10	6339	10/17/2006	ND	0.1656	ND	ND	ND	ND	0.0007	0.0131	ND	ND	7.5803	0.0008	0.2276	ND	ND	6.0472	251.0000
11	6340	10/17/2006	0.0025	0.0076	ND	ND	ND	ND	0.0017	0.0171	ND	ND	33.6187	ND	0.9249	ND	ND	8.4824	329.0000
12	6342	10/17/2006	ND	0.0857	ND	1.2180	ND	ND	0.0007	0.0109	ND	ND	23.1473	0.0011	0.2295	ND	ND	23.3095	299.0000
Test Count that Exceeded Standard			0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0

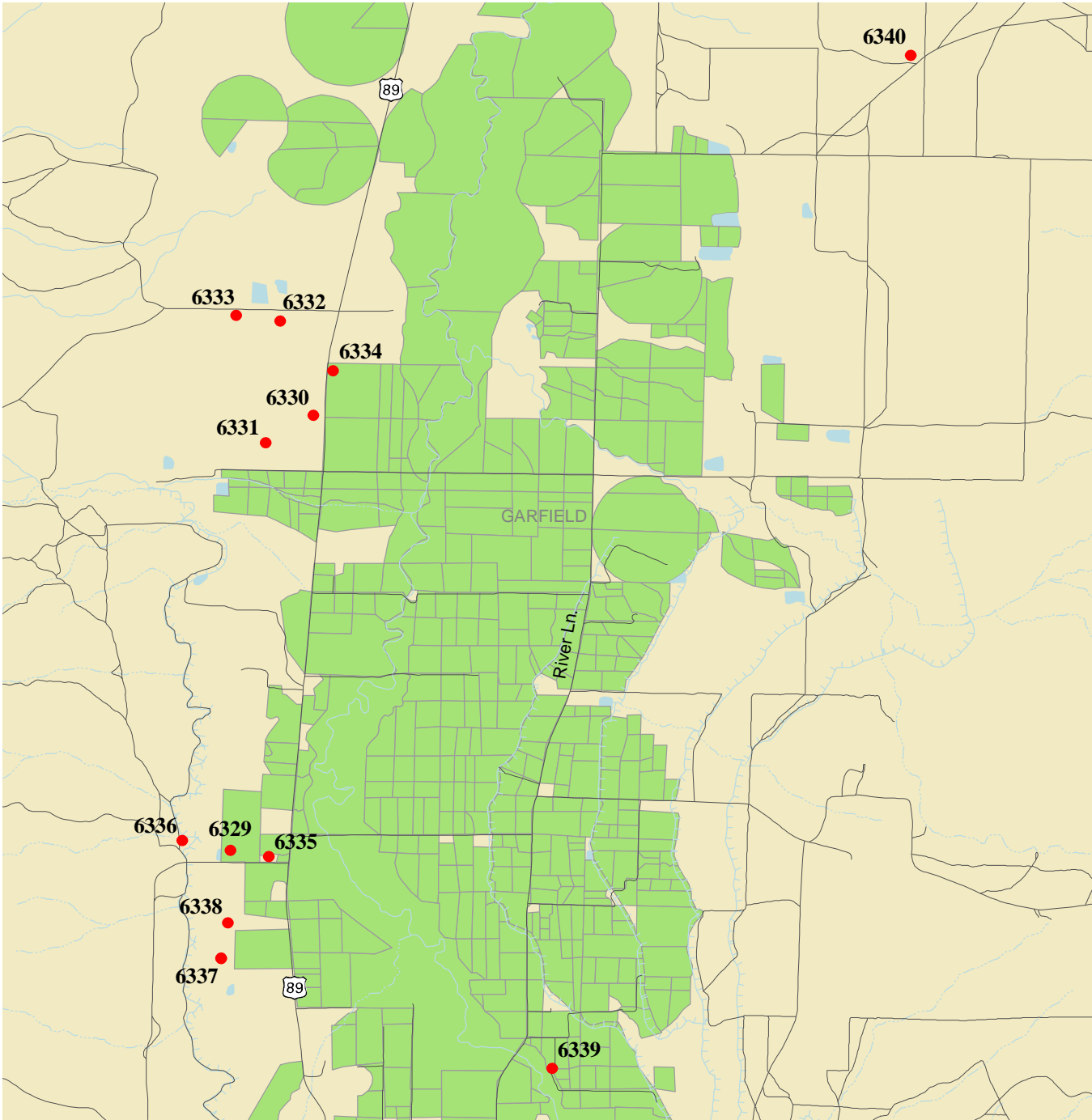
ND - Not Detected

Drinking Water Secondary Standards:			0.1	0.5	250	1	2	0.3	60;120;180	.05	6.5-8.5	1000	250	200	5
			Ag	Al	Cl	Cu	F	Fe	Hardnes	Mn	pH	Si	SO4	TDS	Zn
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	s	mg/L	-	mg/L	mg/L	mg/L	mg/L
1	6329	10/17/2006	ND	ND	12.0365	0.0073	ND	1.0040	133.8000	0.0101	8.2900	18.4440	14.5358	197.0000	0.0209
2	6330	10/17/2006	ND	ND	3.6964	0.0114	ND	ND	142.1000	0.0003	8.1400	14.1330	3.0886	192.0000	0.1090
3	6331	10/17/2006	ND	ND	4.1553	0.0108	ND	ND	147.6000	ND	8.2200	17.3823	3.2828	206.0000	0.0227
4	6332	10/17/2006	ND	ND	7.1225	0.0180	ND	ND	126.7000	ND	8.1900	17.7815	4.5852	186.0000	0.1427
5	6334	10/17/2006	ND	ND	7.3174	0.0105	ND	ND	164.5000	ND	8.2600	13.2818	3.6358	222.0000	0.6384
6	6335	10/17/2006	ND	ND	7.1302	0.0072	ND	ND	129.7000	ND	8.1900	15.5202	5.2160	185.0000	0.0276
7	6336	10/17/2006	ND	ND	4.7494	0.0072	ND	0.1683	116.5000	0.0017	8.1700	13.4847	2.9183	166.0000	0.0536
8	6337	10/17/2006	ND	ND	6.3647	0.0094	ND	ND	133.9000	ND	8.1900	16.3224	5.2346	180.0000	0.0356
9	6338	10/17/2006	ND	ND	5.2968	0.0101	ND	ND	128.8000	ND	8.2000	17.1628	5.7828	176.0000	0.0254
10	6339	10/17/2006	ND	ND	6.4411	0.0131	ND	0.0428	233.2000	0.0138	8.3700	8.4038	6.0472	251.0000	0.2337
11	6340	10/17/2006	ND	ND	6.7996	0.0171	ND	ND	242.7000	0.0005	8.4100	17.1111	8.4824	329.0000	0.0214
12	6342	10/17/2006	ND	ND	10.8188	0.0109	ND	0.1724	238.4000	0.1285	8.2600	6.0810	23.3095	299.0000	0.0205
Test Count that Exceeded Standard:			0	0	0	0	0	1	12	1	0	0	0	5	0

ND - Not Detected












Map 27. Upper Sevier District

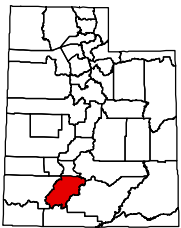


Map Scale 1:46,000 (1 inch = 0.73 miles)



- |   |                 |   |                     |
|---|-----------------|---|---------------------|
|  | Sample location |  | Intermittent stream |
|   | Road            |  | Water body          |
|   | Stream          |  | Irrigated cropland  |
|   | Ditch or canal  |  | SCD boundary        |
|   | Aqueduct        |   |                     |

District Location





## **UACD Zone 6 (Daggett and Uintah counties, most of Duchesne County, and northwest Grand, and east Summit counties)**

Twelve (12) sites were sampled in the three (3) Soil Conservation Districts in Zone 6 during the spring, summer, and fall of 2006. These include the number of samples in the following districts: two (2) Daggett, six (6) Duchesne County, and four (4) Uintah County.

The Statistical Report below shows a summary of the total number of chemical tests collected (Test Count) for each district in Zone 6. The next four columns summarize the number of tests which exceeded the standard for either Primary Drinking Water (DW Primary), Secondary Drinking Water (DW Secondary), Irrigation, or Livestock.

### **Ground Water UACD Zone No 6 Statistical Report For the Samples Collected Between: 4/1/2006 And 11/1/2006**

District Name	Sample Count	Test Count	Test Count Which Result Exceeded Standards			
			DW Primary	DW Secondary	Irrigation	Livestock
Daggett	2	80	0	4	4	0
Duchesne Co.	6	240	2	14	26	5
Uintah Co.	4	160	0	10	13	4
<b>Zone Totals:</b>	<b>12</b>	<b>480</b>	<b>2</b>	<b>28</b>	<b>43</b>	<b>9</b>

Detailed tables follow covering the above water quality categories - General, Irrigation, Livestock, and Culinary (which includes Primary Drinking Water Standards and Secondary Drinking Water Standards) for each district along with a map(s). For the Irrigation, Livestock, and Culinary tables the first row lists the explicit standard for each element or compound (column). The standards for irrigation and livestock originated from the *Water quality for agriculture 29 Revision 1*, published by the Food and Agriculture Organization of the United Nations. The drinking water primary and secondary standards are from the State of Utah's water quality standards. Below the standards are the column headings expressed as the chemical abbreviation for each element or compound tested. Units used in measuring the concentrations of each element or compound are found below each abbreviation. Each row of the table is a single sample identified with a sample number. This sample number shows the sampling location on the map(s) found after the chemistry tables. Highlighted sample results show samples that exceed a standard for that element or compound. Totals at the bottom of each table show how many samples in each column exceeded the standard for that column. The value "ND" indicates that a particular element or compound was "Not Detected" for a given sample.

# Daggett County District

## General:

### General Sample Information

	Sample No	Collected Date	Coliform	Ecoli	Temperatura	EC	TDS mg/L	SAR meq/L	Hardness mg/L	Sample Site	Site Condition	Well Head	Material	Casing Condition	Cullinary	Irrigation	Industrial	Landscape	Natural	Drainage	Other
1	6212	8/23/2006	ND	ND	58.3 F (14.6 C)	480	275.0	0.300	229.8	Well	Clean	Gravel	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	6232	9/6/2006	ND	ND	51.4 F (10.8 C)	445	235.0	0.300	211.8	Well	Clean	Soil	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bacteria Positive Sample Count			0	0	ND - Not Detected																

## Irrigation:

### Irrigation Standards

	Sample No	Tested Date	5 Al mg/L	0.5;1.0;2.0; B mg/L	.1 Be mg/L	100000 Ca mg/L	71;355 Cl mg/L	1 Co mg/L	1000 CO3 mg/L	1 Cr mg/L	0.2 Cu mg/L	1 F mg/L	5 Fe mg/L	73.2;152.5 HCO3 mg/L	10000 K mg/L	2.5 Li mg/L	100000 Mg mg/L
1	6212	8/28/2006	ND	0.0402	ND	48.0472	25.5519	ND	ND	0.0007	0.0373	ND	ND	298.2950	1.6746	0.0130	26.6238
2	6232	9/12/2006	ND	0.0563	ND	61.8769	8.2601	ND	ND	ND	0.0168	ND	ND	249.3050	1.5947	0.0119	13.8557
Test Count that Exceeded Standard			0	0	0	0	0	0	0	0	0	0	0	2	0	0	0

ND - Not Detected

### Irrigation Standards Continues

	Sample No	Tested Date	.2 Mn mg/L	.01 Mo mg/L	70;230 Na mg/L	.2 Ni mg/L	5 Pb mg/L	10000 PO4 mg/L	3;9 SAR meq/L	.02 Se mg/L	151;451;13 TDS mg/L	.1 V mg/L	2 Zn mg/L
1	6212	8/28/2006	0.0025	0.0007	9.4963	ND	ND	ND	0.3000	ND	275.0000	ND	0.0832
2	6232	9/12/2006	0.0025	ND	9.3540	0.0008	ND	ND	0.3000	ND	235.0000	0.0028	0.0406
Test Count that Exceeded Standard:			0	0	0	0	0	0	0	0	2	0	0

ND - Not Detected

## Livestock:

### Livestock Standards

	Sample No	Tested Date	5 Al mg/L	0.2 As mg/L	5 B mg/L	.1 Be mg/L	0.05 Cd mg/L	1 Co mg/L	1 Cr mg/L	.5 Cu mg/L	2 F mg/L	10 Hg ug/L	100 NO3 mg/L	.1 Pb mg/L	5.5-8.3 pH -	.05 Se mg/L	167;333 SO4 mg/L	1000;3000; 25 TDS mg/L	Zn mg/L
1	6212	8/28/2006	ND	ND	0.0402	ND	ND	ND	0.0007	0.0373	ND	ND	1.8226	ND	7.8500	ND	9.0921	275.0000	0.0832
2	6232	9/12/2006	ND	0.0028	0.0563	ND	ND	ND	ND	0.0168	ND	1.5960	0.4712	ND	8.0900	ND	10.6334	235.0000	0.0406
Test Count that Exceeded Standard			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ND - Not Detected

Culinary:

Drinking Water Primary Standards			0.01	2	0.004	1	0.005	25	0.1	1.3	4	2	10000	1000	10	.015	.05	500	2000
			As	Ba	Be	Br	Cd	CIO4	Cr	Cu	F	Hg	Na	Ni	NO3	Pb	Se	SO4	TDS
			mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
1	6212	8/28/2006	ND	0.1527	ND	ND	ND	ND	0.0007	0.0373	ND	ND	9.4963	ND	1.8226	ND	ND	9.0921	275.0000
2	6232	9/12/2006	0.0028	0.1439	ND	ND	ND	ND	ND	0.0168	ND	1.5960	9.3540	0.0008	0.4712	ND	ND	10.6334	235.0000
Test Count that Exceeded Standard			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

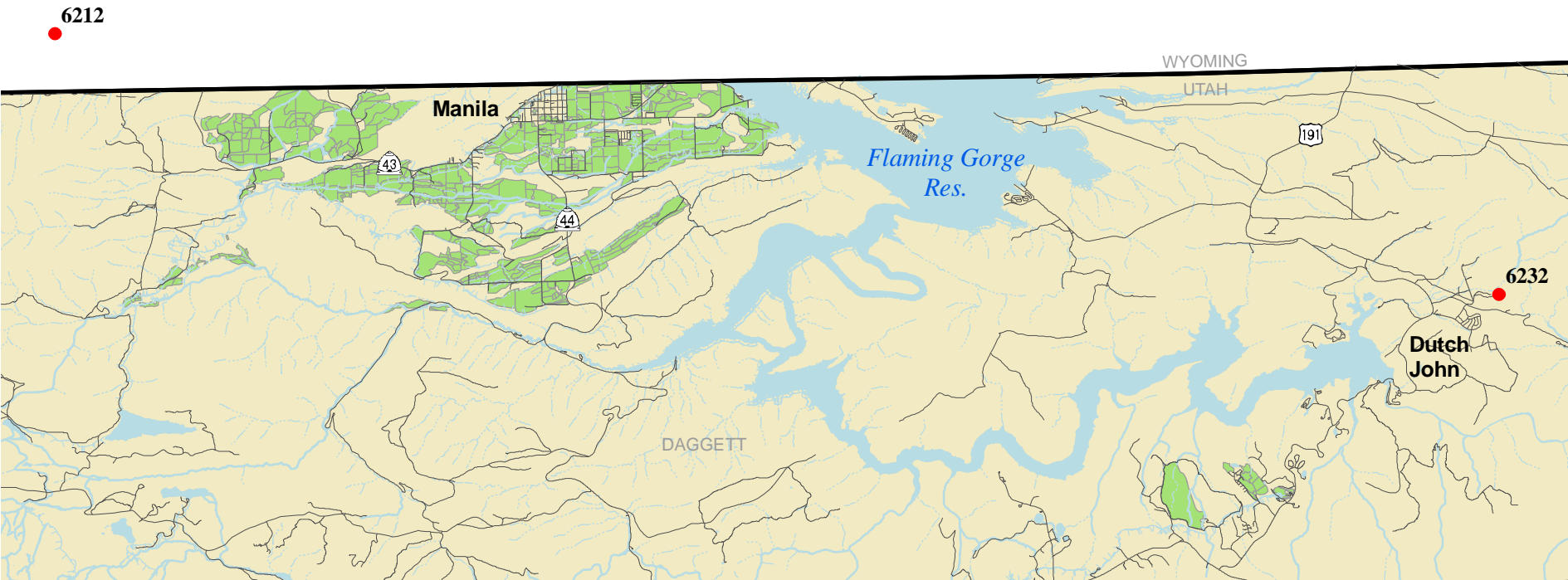
ND - Not Detected

Drinking Water Secondary Standards:			0.1	0.5	250	1	2	0.3	60;120;180	.05	6.5-8.5	1000	250	200	5
			Ag	Al	Cl	Cu	F	Fe	Hardnes	Mn	pH	Si	SO4	TDS	Zn
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	s	mg/L	-	mg/L	mg/L	mg/L	mg/L
1	6212	8/28/2006	ND	ND	25.5519	0.0373	ND	ND	229.8000	0.0025	7.8500	5.6005	9.0921	275.0000	0.0832
2	6232	9/12/2006	ND	ND	8.2601	0.0168	ND	ND	211.8000	0.0025	8.0900	6.3307	10.6334	235.0000	0.0406
Test Count that Exceeded Standard:			0	0	0	0	0	0	2	0	0	0	0	2	0

ND - Not Detected



Map 28. Daggett District

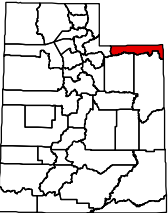


Map Scale 1:188,000 (1 inch = 2.97 miles)



- |  |                 |  |                     |
|--|-----------------|--|---------------------|
|  | Sample location |  | Intermittent stream |
|  | Road            |  | Water body          |
|  | Stream          |  | Irrigated cropland  |
|  | Ditch or canal  |  | SCD boundary        |
|  | Aqueduct        |  |                     |

District Location



# Duchesne County District

## General:

### General Sample Information

	Sample No	Collected Date	Coliform	Ecoli	Temperatura	EC	TDS mg/L	SAR meq/L	Hardness mg/L	Sample Site	Site Condition	Well Head	Material	Casing Condition	Cullinary	Irrigation	Industrial	Landscape	Natural	Drainage	Other
1	6237	9/6/2006	POS	ND	57.6 F (14.2 C)	890	537.0	9.200	65.90	Well	Clean	Covered	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	6238	9/6/2006	ND	ND	56.3 F (13.5 C)	376	202.0	0.200	172.7	Well	Clean	Well House	Steel	Open	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	6239	9/6/2006	ND	ND	54.0 F (12.2 C)	879	493.0	1.000	367.2	Well	Clean	Soil	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	6240	9/6/2006	ND	ND	54.3 F (12.4 C)	574	322.0	0.200	296.1	Well	Clean	Soil	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	6241	9/6/2006	ND	ND	52.9 F (11.6 C)	3630	2020.	219.5	2.400	Well	Loam	Concrete Pad	Steel	Open	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	6242	9/6/2006	POS	ND	52.0 F (11.1 C)	4170	972.0	2.000	1530.	Well	Vegetated	Natural	Steel	Open	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bacteria Positive Sample Count			2	0	ND - Not Detected																

## Irrigation:

### Irrigation Standards

	Sample No	Tested Date	5 Al mg/L	0.5;1.0;2.0; B mg/L	.1 Be mg/L	100000 Ca mg/L	71;355 Cl mg/L	1 Co mg/L	1000 CO3 mg/L	1 Cr mg/L	0.2 Cu mg/L	1 F mg/L	5 Fe mg/L	73.2;152.5 HCO3 mg/L	10000 K mg/L	2.5 Li mg/L	100000 Mg mg/L
1	6237	9/12/2006	ND	0.3023	ND	17.4873	6.8623	ND	ND	ND	0.0062	1.6976	0.0714	244.4110	3.7370	0.1116	5.3806
2	6238	9/12/2006	ND	0.0339	ND	40.5876	1.8867	ND	ND	ND	0.0328	ND	0.0115	184.2940	2.6303	0.0176	17.2942
3	6239	9/12/2006	ND	0.1063	ND	64.5709	78.5675	0.0006	ND	ND	0.0260	ND	0.0136	277.9620	2.8489	0.0224	49.9431
4	6240	9/12/2006	ND	0.0297	ND	63.1067	9.7647	ND	ND	ND	0.0509	ND	ND	264.1500	2.2722	0.0123	33.5860
5	6241	9/12/2006	ND	15.8000	ND	0.5594	46.8571	ND	386.6670	ND	0.0626	2.1588	ND	1469.4300	4.0532	0.2111	0.2460
6	6242	9/12/2006	ND	1.6590	ND	435.0002	72.6233	0.0018	ND	ND	0.0279	1.1887	0.4110	333.5530	4.9076	0.0804	107.5617
Test Count that Exceeded Standard			0	2	0	0	2	0	0	0	0	3	0	6	0	0	0

ND - Not Detected

### Irrigation Standards Continues

	Sample No	Tested Date	.2 Mn mg/L	.01 Mo mg/L	70;230 Na mg/L	.2 Ni mg/L	5 Pb mg/L	10000 PO4 mg/L	3;9 SAR meq/L	.02 Se mg/L	151;451;13 TDS mg/L	.1 V mg/L	2 Zn mg/L
1	6237	9/12/2006	0.0130	0.0110	171.7093	ND	ND	ND	9.2000	ND	537.0000	ND	ND
2	6238	9/12/2006	0.0062	0.0006	6.8330	ND	ND	ND	0.2000	ND	202.0000	ND	0.0043
3	6239	9/12/2006	0.0048	ND	44.0722	0.0013	ND	ND	1.0000	ND	493.0000	ND	0.0213
4	6240	9/12/2006	0.0045	ND	6.3321	0.0009	ND	ND	0.2000	ND	322.0000	ND	0.0211
5	6241	9/12/2006	0.0003	0.0045	783.1366	ND	ND	ND	219.5000	ND	2020.0000	ND	0.0023
6	6242	9/12/2006	0.0226	0.1797	178.5007	0.0033	ND	ND	2.0000	ND	972.0000	ND	0.0111
Test Count that Exceeded Standard:			0	2	3	0	0	0	2	0	6	0	0

ND - Not Detected



## Livestock Standards

ND - Not Detected

### Drinking Water Primary Standards

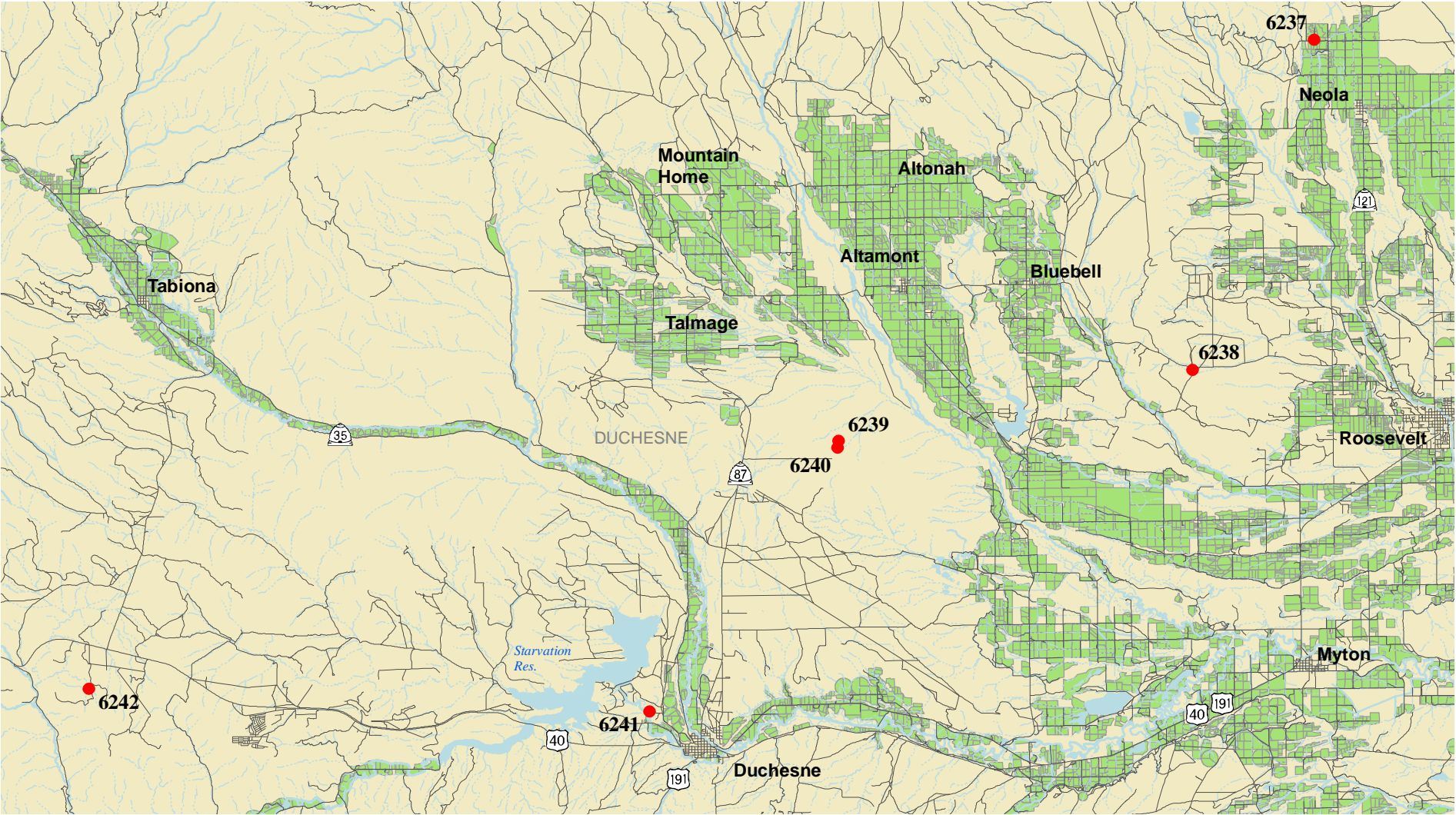
ND - Not Detected

Copyright © 2004 John Wiley & Sons, Ltd.

ND - Not Detected

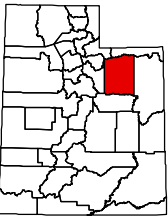
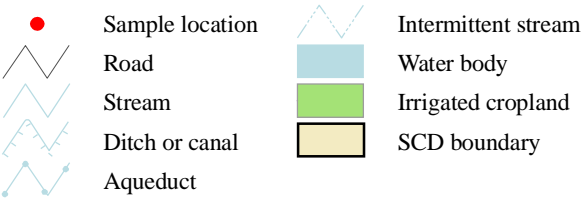


Map 29. Duchesne District



Map Scale 1:275,000 (1 inch = 4.3 miles)

District Location



# Uintah County District

## General:

### General Sample Information

	Sample No	Collected Date	Coliform	Ecoli	Temperatura	EC	TDS mg/L	SAR meq/L	Hardness mg/L	Sample Site	Site Condition	Well Head	Material	Casing Condition	Cullinary	Irrigation	Industrial	Landscape	Natural	Drainage	Other
1	6233	9/6/2006	ND	ND	56.1 F (13.4 C)	717	394.0	0.200	382.4	Well	Clean	Well House	Steel		<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	6234	9/6/2006	ND	ND	65.7 F (18.7 C)	1012	632.0	0.700	516.5	Well	Gravel	Natural	PVC	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	6236	9/6/2006	ND	ND	57.0 F (13.9 C)	767	438.0	15.80	23.00	Well	Vegetated	Well House	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	6333	10/11/2006	POS	ND	54.0 F (12.2 C)	400	242.0	0.700	180.0	Well	Clean	Soil	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bacteria Positive Sample Count			1	0	ND - Not Detected																

## Irrigation:

### Irrigation Standards

	Sample No	Tested Date	5 Al mg/L	0.5;1.0;2.0; B mg/L	.1 Be mg/L	100000 Ca mg/L	71;355 Cl mg/L	1 Co mg/L	1000 CO3 mg/L	1 Cr mg/L	0.2 Cu mg/L	1 F mg/L	5 Fe mg/L	73.2;152.5 HCO3 mg/L	10000 K mg/L	2.5 Li mg/L	100000 Mg mg/L
1	6233	9/12/2006	ND	0.0445	ND	104.3843	5.4469	ND	ND	ND	0.0026	ND	ND	416.8190	2.6309	0.0186	29.4643
2	6234	9/12/2006	ND	0.1972	ND	131.1397	11.1541	0.0005	ND	ND	0.0304	1.2280	0.0274	294.3290	4.5982	0.0794	45.7900
3	6236	9/12/2006	ND	0.0772	ND	5.5648	13.8662	ND	4.8903	ND	0.0105	2.2575	0.0416	349.2310	3.3173	0.0964	2.1992
4	6333	10/17/2006	ND	0.0542	ND	52.7361	10.2649	ND	ND	0.0007	0.0110	ND	ND	239.0460	1.9491	ND	11.6994
Test Count that Exceeded Standard			0	0	0	0	0	0	0	0	0	2	0	4	0	0	0

ND - Not Detected

### Irrigation Standards Continues

	Sample No	Tested Date	.2 Mn mg/L	.01 Mo mg/L	70;230 Na mg/L	.2 Ni mg/L	5 Pb mg/L	10000 PO4 mg/L	3;9 SAR meq/L	.02 Se mg/L	151;451;13 TDS mg/L	.1 V mg/L	2 Zn mg/L
1	6233	9/12/2006	0.0005	0.0007	8.0333	ND	ND	ND	0.2000	ND	394.0000	ND	0.0114
2	6234	9/12/2006	0.6422	0.0017	36.3898	0.0114	ND	ND	0.7000	ND	632.0000	ND	0.0846
3	6236	9/12/2006	0.0039	0.0045	173.5874	ND	ND	ND	15.8000	ND	438.0000	ND	0.0049
4	6333	10/17/2006	ND	0.0013	21.2930	ND	ND	ND	0.7000	ND	242.0000	0.0064	0.0552
Test Count that Exceeded Standard:			1	0	1	0	0	0	1	0	4	0	0

ND - Not Detected

## Livestock:

### Livestock Standards

	Sample No	Tested Date	5 Al mg/L	0.2 As mg/L	5 B mg/L	.1 Be mg/L	0.05 Cd mg/L	1 Co mg/L	1 Cr mg/L	.5 Cu mg/L	2 F mg/L	10 Hg ug/L	100 NO3 mg/L	.1 Pb mg/L	5.5-8.3 pH -	.05 Se mg/L	167;333 SO4 mg/L	1000;3000; TDS mg/L	25 Zn mg/L
1	6233	9/12/2006	ND	ND	0.0445	ND	ND	ND	ND	0.0026	ND	ND	2.2652	ND	7.9500	ND	29.4754	394.0000	0.0114
2	6234	9/12/2006	ND	ND	0.1972	ND	ND	0.0005	ND	0.0304	1.2280	ND	0.6126	ND	6.8900	ND	250.1282	632.0000	0.0846
3	6236	9/12/2006	ND	ND	0.0772	ND	ND	ND	ND	0.0105	2.2575	ND	0.1842	ND	8.4400	ND	58.9087	438.0000	0.0049
4	6333	10/17/2006	ND	ND	0.0542	ND	ND	ND	0.0007	0.0110	ND	ND	0.5207	ND	8.3300	ND	12.4818	242.0000	0.0552
Test Count that Exceeded Standard			0	0	0	0	0	0	0	0	1	0	0	0	2	0	1	0	0

ND - Not Detected



Culinary:

Drinking Water Primary Standards			0.01	2	0.004	1	0.005	25	0.1	1.3	4	2	10000	1000	10	.015	.05	500	2000
			As	Ba	Be	Br	Cd	ClO4	Cr	Cu	F	Hg	Na	Ni	NO3	Pb	Se	SO4	TDS
			mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Sample No	Tested Date																		
1	6233	9/12/2006	ND	0.1623	ND	ND	ND	ND	ND	0.0026	ND	ND	8.0333	ND	2.2652	ND	ND	29.4754	394.0000
2	6234	9/12/2006	ND	0.0088	ND	ND	ND	ND	ND	0.0304	1.2280	ND	36.3898	0.0114	0.6126	ND	ND	250.1282	632.0000
3	6236	9/12/2006	ND	0.0246	ND	ND	ND	ND	ND	0.0105	2.2575	ND	173.5874	ND	0.1842	ND	ND	58.9087	438.0000
4	6333	10/17/2006	ND	0.0025	ND	ND	ND	ND	0.0007	0.0110	ND	ND	21.2930	ND	0.5207	ND	ND	12.4818	242.0000
Test Count that Exceeded Standard			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

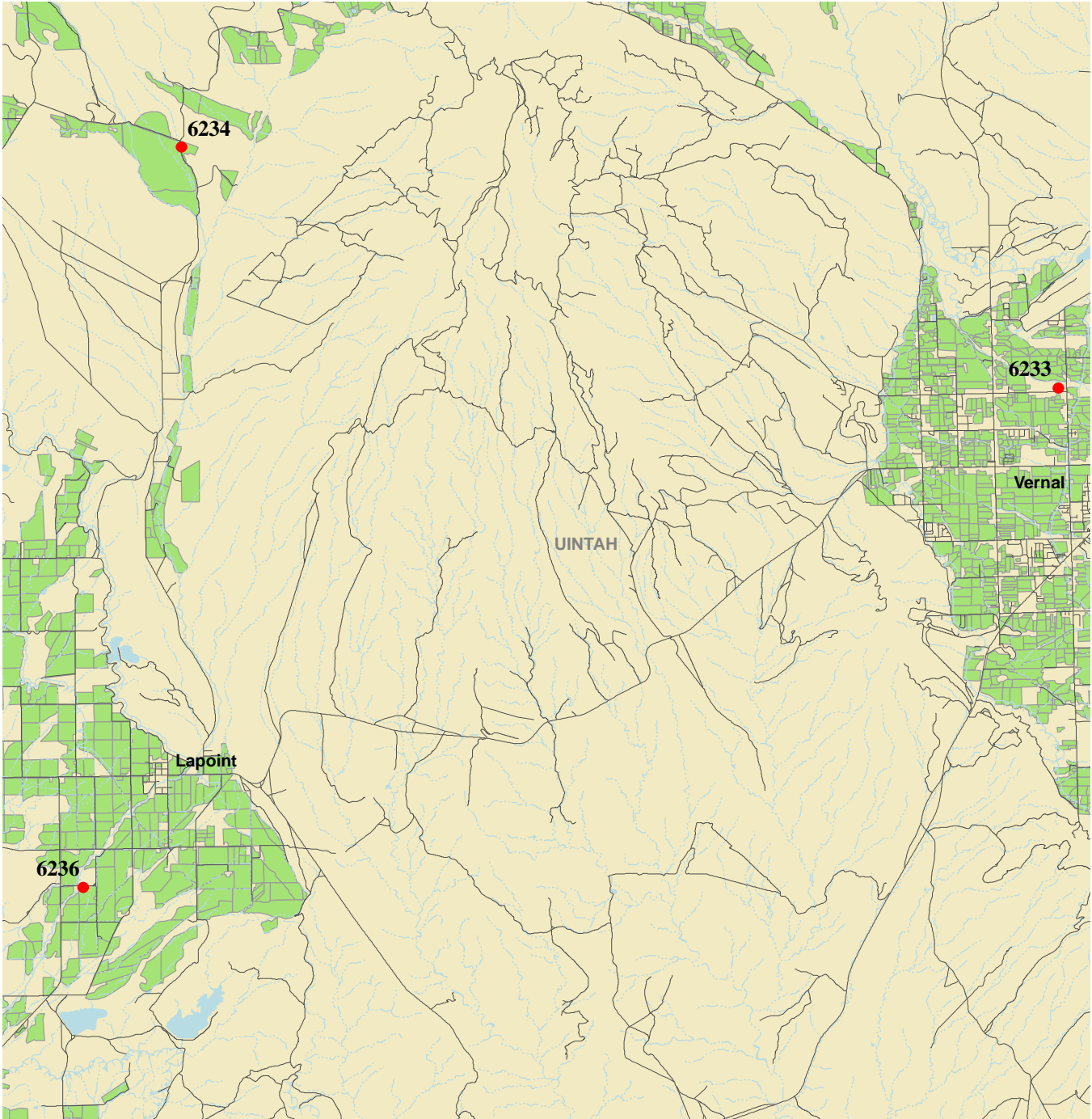
ND - Not Detected

Drinking Water Secondary Standards:			0.1	0.5	250	1	2	0.3	60;120;180	.05	6.5-8.5	1000	250	200	5
			Ag	Al	Cl	Cu	F	Fe	Hardnes	Mn	pH	Si	SO4	TDS	Zn
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	s	mg/L	-	mg/L	mg/L	mg/L	mg/L
Sample No	Tested Date														
1	6233	9/12/2006	ND	ND	5.4469	0.0026	ND	ND	382.4000	0.0005	7.9500	6.8472	29.4754	394.0000	0.0114
2	6234	9/12/2006	ND	ND	11.1541	0.0304	1.2280	0.0274	516.5000	0.6422	6.8900	6.7809	250.1282	632.0000	0.0846
3	6236	9/12/2006	ND	ND	13.8662	0.0105	2.2575	0.0416	23.0000	0.0039	8.4400	2.8949	58.9087	438.0000	0.0049
4	6333	10/17/2006	ND	ND	10.2649	0.0110	ND	ND	180.0000	ND	8.3300	13.0985	12.4818	242.0000	0.0552
Test Count that Exceeded Standard:			0	0	0	0	1	0	3	1	0	0	1	4	0

ND - Not Detected












Map 30. Uintah District

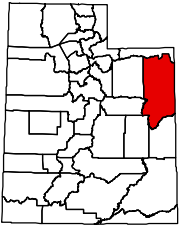


Map Scale 1:135,000 (1 inch = 2.1 miles)



- |   |                 |   |                     |
|---|-----------------|---|---------------------|
|  | Sample location |  | Intermittent stream |
|  | Road            |  | Water body          |
|  | Stream          |  | Irrigated cropland  |
|  | Ditch or canal  |  | SCD boundary        |
|  | Aqueduct        |   |                     |

District Location



**UACD Zone 7** (Carbon, Emery, Grand, and San Juan counties, and parts of Duchesne, Sanpete, Sevier, and Utah counties)

Ninety-three (93) sites were sampled in the five (5) Soil Conservation Districts in Zone 7 during the spring, summer and fall of 2006. These include the number of samples in the following districts: fourteen (14) Grand, four (4) Green River, two (2) Price River Watershed, fifty-one (51) San Juan County, and twenty-two (22) San Rafael.

The Statistical Report below shows a summary of the total number of chemical tests performed (Test Count) for each district in Zone 7. The next four columns summarize the number of tests which exceeded the standard for either Primary Drinking Water (DW Primary), Secondary Drinking Water (DW Secondary), Irrigation, or Livestock.

**Ground Water UACD Zone No 7 Statistical Report  
For the Samples Collected Between: 1/1/2005 And 4/6/2007**

District Name	Sample Count	Test Count	Test Count Which Result Exceeded Standards			
			DW Primary	DW Secondary	Irrigation	Livestock
Grand	14	560	5	28	35	7
Green River	4	160	5	16	21	8
Price River Watershe	2	80	0	4	5	0
San Juan Co.	51	2040	15	106	132	24
San Rafael	1	40	0	2	2	1
<b>Zone Totals:</b>	<b>72</b>	<b>2880</b>	<b>25</b>	<b>156</b>	<b>195</b>	<b>40</b>

Detailed tables follow covering the above water quality categories - General, Irrigation, Livestock, and Culinary (which includes Primary Drinking Water Standards and Secondary Drinking Water Standards) for each district along with a map(s). For the Irrigation, Livestock, and Culinary tables the first row lists the explicit standard for each element or compound (column). The standards for irrigation and livestock originated from the Water quality for agriculture 29 Revision 1, published by the Food and Agriculture Organization of the United Nations. The drinking water primary and secondary standards are from the State of Utah's water quality standards. Below the standards are the column headings expressed as the chemical abbreviation for each element or compound tested. Units used in measuring the concentrations of each element or compound are found below each abbreviation. Each row of the table is a single sample identified with a sample number. This sample number shows the sampling location on the map(s) found after the chemistry tables. Highlighted sample results show samples that exceed a standard for that element or compound. Totals at the bottom of each table show how many samples in each column exceeded the standard for that column. The value "ND" indicates that a particular element or compound was "Not Detected" for a given sample.

**General:**

	Sample No	Collected Date	Coliform	Ecoli	Temperatura	EC	TDS mg/L	SAR meq/L	Hardness mg/L	Sample Site	Site Condition	Well Head	Material	Casing Condition	Cullinary	Irrigation	Industrial	Landscape	Natural	Drainage	Other
1	6351	10/17/2006	ND	ND	54.5 F (12.5 C)	382	236.0	0.200	206.2	Well	Livestock	Pit Masonry	Steel	Piping	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	6352	10/17/2006	ND	ND	58.3 F (14.6 C)	3210	2318.	1.700	1549.	Well	Clean	Soil	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	6353	10/17/2006	ND	ND	58.5 F (14.7 C)	3790	2946.	2.100	1828.	Well	Clean	Covered	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	6354	10/17/2006	POS	ND	57.4 F (14.1 C)	645	413.0	0.600	291.8	Well	Clean	Pit Wood			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	6355	10/17/2006	ND	ND	55.6 F (13.1 C)	373	217.0	0.500	157.4	Well	Clean	Soil	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	6356	10/17/2006	POS	POS	61.3 F (16.3 C)	285	166.0	0.500	121.6	Spring	Clean	Natural	Steel	Sealed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7	6357	10/17/2006	ND	ND	60.6 F (15.9 C)	747	448.0	0.300	411.7	Well	Vegetated	Lawn	Steel	Sealed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	6358	10/17/2006	POS	ND	60.3 F (15.7 C)	791	488.0	0.900	380.6	Well	Clean	Soil	Steel	Subsidence	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	6360	10/17/2006	POS	ND	56.1 F (13.4 C)	1403	1144.	1.400	756.1	Well	Cobble	Pit Masonry	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	6361	10/17/2006	ND	ND	61.7 F (16.5 C)	326	192.0	0.300	150.3	Well	Clean	Covered	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11	6362	10/17/2006	ND	ND	57.4 F (14.1 C)	375	224.0	0.400	171.0	Well	Clean	Lawn	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12	6363	10/17/2006	POS	ND	58.6 F (14.8 C)	264	156.0	0.200	123.2	Well	Clean	Well House	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13	6364	10/17/2006	POS	ND	59.0 F (15.0 C)	293	174.0	0.300	134.3	Well	Clean	Well House	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14	6365	10/17/2006	ND	ND	58.6 F (14.8 C)	883	604.0	0.800	423.5	Well	Clean	Well House	Steel	Subsidence	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bacteria Positive Sample Count			6	1	ND - Not Detected																



**Irrigation:****Irrigation Standards**

			5	0.5;1.0;2.0;	.1	100000	71;355	1	1000	1	0.2	1	5	73.2;152.5	10000	2.5	100000
	Sample No	Tested Date	Al mg/L	B mg/L	Be mg/L	Ca mg/L	Cl mg/L	Co mg/L	CO3 mg/L	Cr mg/L	Cu mg/L	F mg/L	Fe mg/L	HCO3 mg/L	K mg/L	Li mg/L	Mg mg/L
1	6351	10/23/2006	ND	0.0295	ND	52.7556	3.1062	ND	ND	0.0005	0.0104	ND	ND	239.8280	2.3342	0.0061	18.0323
2	6352	10/23/2006	ND	0.1510	ND	413.8669	178.9339	0.0004	ND	ND	0.0084	ND	0.1750	294.6680	5.4378	0.0227	124.8695
3	6353	10/23/2006	ND	0.3355	ND	524.3305	171.7177	0.0005	ND	ND	0.0108	ND	ND	157.1810	15.6100	0.0559	125.6764
4	6354	10/23/2006	ND	0.0351	ND	81.4193	28.7679	ND	ND	ND	0.0058	ND	ND	172.3690	1.7051	ND	21.4284
5	6355	10/23/2006	ND	0.0126	ND	42.3185	15.1431	ND	ND	0.0006	0.0070	ND	ND	163.9820	1.2039	ND	12.5272
6	6356	10/23/2006	ND	0.0205	ND	28.9700	8.7767	ND	ND	0.0006	0.0059	ND	ND	140.3560	1.5315	ND	11.9314
7	6357	10/23/2006	ND	0.0712	ND	72.7455	20.5162	ND	ND	ND	0.0133	ND	ND	341.9740	4.6119	0.0143	55.7972
8	6358	10/23/2006	ND	0.1370	ND	93.5690	20.7184	ND	ND	0.0011	0.0128	ND	ND	313.1630	1.9560	0.0036	35.6069
9	6360	10/23/2006	ND	0.1223	ND	166.0938	24.0500	ND	ND	ND	0.0094	ND	ND	187.1940	3.1373	0.0139	82.7395
10	6361	10/23/2006	ND	0.0166	ND	37.0933	6.7651	ND	ND	0.0006	0.0105	ND	ND	143.5350	1.0964	ND	13.9727
11	6362	10/23/2006	ND	0.0156	ND	44.1804	8.8504	ND	ND	0.0005	0.0123	ND	ND	151.4060	0.9780	ND	14.6954
12	6363	10/23/2006	ND	0.0122	ND	31.5158	3.5770	ND	ND	ND	0.0109	ND	ND	133.8570	0.8065	ND	10.7761
13	6364	10/23/2006	ND	0.0165	ND	34.6235	4.0816	ND	ND	ND	0.0142	ND	ND	143.7760	0.8569	ND	11.5925
14	6365	10/23/2006	ND	0.0416	ND	119.8932	18.6350	ND	ND	ND	0.0109	ND	ND	244.3460	2.4374	0.0047	30.0289
Test Count that Exceeded Standard			0	0	0	0	2	0	0	0	0	0	0	14	0	0	0

ND - Not Detected

**Irrigation Standards Continues**

			.2	.01	70;230	.2	5	10000	3;9	.02	151;451;13	.1	2
	Sample No	Tested Date	Mn mg/L	Mo mg/L	Na mg/L	Ni mg/L	Pb mg/L	PO4 mg/L	SAR meq/L	Se mg/L	TDS mg/L	V mg/L	Zn mg/L
1	6351	10/23/2006	0.0013	0.0006	7.3892	ND	ND	ND	0.2000	ND	236.0000	0.0036	0.0432
2	6352	10/23/2006	0.0327	0.0012	154.6249	0.0023	ND	ND	1.7000	ND	2318.0000	ND	0.0375
3	6353	10/23/2006	0.0003	0.0184	211.0604	0.0031	ND	ND	2.1000	0.0100	2946.0000	0.0173	0.0666
4	6354	10/23/2006	0.0018	0.0084	25.0694	0.0008	ND	ND	0.6000	ND	413.0000	0.0020	0.0503
5	6355	10/23/2006	0.0005	0.0110	15.7323	ND	ND	ND	0.5000	ND	217.0000	0.0021	0.0352
6	6356	10/23/2006	ND	0.0022	11.6482	ND	ND	ND	0.5000	ND	166.0000	ND	ND
7	6357	10/23/2006	0.0235	0.0080	14.6230	0.0007	ND	ND	0.3000	0.0041	448.0000	0.0022	0.0216
8	6358	10/23/2006	0.0049	0.0035	38.4089	0.0008	ND	ND	0.9000	ND	488.0000	ND	0.0408
9	6360	10/23/2006	0.0044	ND	87.9833	0.0011	ND	ND	1.4000	0.0051	1144.0000	ND	0.0465
10	6361	10/23/2006	ND	0.0016	8.0979	ND	ND	ND	0.3000	ND	192.0000	ND	0.0070
11	6362	10/23/2006	ND	0.0011	11.0676	0.0007	ND	ND	0.4000	ND	224.0000	ND	0.0098
12	6363	10/23/2006	0.0003	0.0018	5.6632	ND	ND	ND	0.2000	ND	156.0000	ND	0.0033
13	6364	10/23/2006	0.0013	0.0014	7.9045	ND	ND	ND	0.3000	ND	174.0000	ND	0.1122
14	6365	10/23/2006	0.0028	0.0005	40.0309	0.0008	ND	ND	0.8000	ND	604.0000	ND	0.0724
Test Count that Exceeded Standard:			0	2	3	0	0	0	0	0	14	0	0

ND - Not Detected



## Livestock Standards

**Culinary:**

### Drinking Water Primary Standards

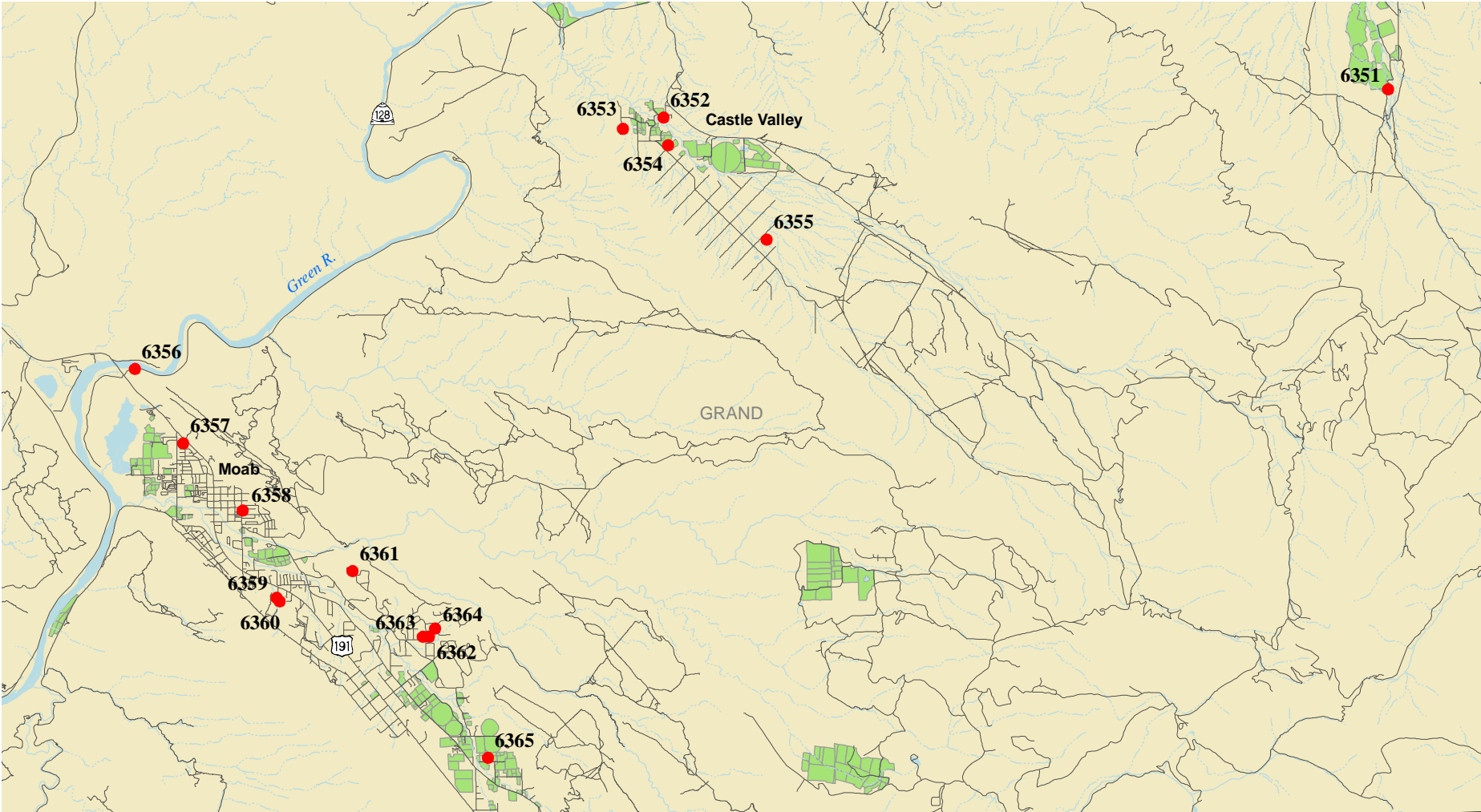
Drinking Water Primary Standards			0.01 As mg/L	2 Ba mg/L	0.004 Be mg/L	1 Br mg/L	0.005 Cd mg/L	25 ClO4 ug/L	0.1 Cr mg/L	1.3 Cu mg/L	4 F mg/L	2 Hg ug/L	10000 Na mg/L	1000 Ni mg/L	10 NO3 mg/L	.015 Pb mg/L	.05 Se mg/L	500 SO4 mg/L	2000 TDS mg/L
	Sample No	Tested Date																	
1	6351	10/23/2006	0.0029	0.0861	ND	ND	ND	ND	0.0005	0.0104	ND	ND	7.3892	ND	0.5596	ND	ND	27.4852	236.0000
2	6352	10/23/2006	ND	0.0071	ND	2.4147	ND	ND	ND	0.0084	ND	ND	154.6249	0.0023	0.4434	ND	ND	1286.4560	2318.0000
3	6353	10/23/2006	ND	0.0075	ND	3.0629	ND	ND	ND	0.0108	ND	ND	211.0604	0.0031	0.7375	ND	0.0100	1812.9110	2946.0000
4	6354	10/23/2006	ND	0.0156	ND	ND	ND	ND	ND	0.0058	ND	ND	25.0694	0.0008	0.4580	ND	ND	163.5772	413.0000
5	6355	10/23/2006	ND	0.0396	ND	ND	ND	ND	0.0006	0.0070	ND	ND	15.7323	ND	0.4110	ND	ND	43.0780	217.0000
6	6356	10/23/2006	ND	0.0650	ND	ND	ND	ND	0.0006	0.0059	ND	ND	11.6482	ND	0.4164	ND	ND	29.8304	166.0000
7	6357	10/23/2006	ND	0.0695	ND	2.4458	ND	ND	ND	0.0133	ND	ND	14.6230	0.0007	1.4967	ND	0.0041	97.7603	448.0000
8	6358	10/23/2006	ND	0.0242	ND	2.3842	ND	ND	0.0011	0.0128	ND	ND	38.4089	0.0008	1.6993	ND	ND	134.3787	488.0000
9	6360	10/23/2006	ND	0.0122	ND	2.2409	ND	ND	ND	0.0094	ND	ND	87.9833	0.0011	1.5618	ND	0.0051	681.1485	1144.0000
10	6361	10/23/2006	ND	0.0529	ND	1.7270	ND	ND	0.0006	0.0105	ND	ND	8.0979	ND	0.7416	ND	ND	50.0991	192.0000
11	6362	10/23/2006	ND	0.0389	ND	1.8019	ND	ND	0.0005	0.0123	ND	ND	11.0676	0.0007	0.8414	ND	ND	65.1473	224.0000
12	6363	10/23/2006	ND	0.0583	ND	ND	ND	ND	ND	0.0109	ND	ND	5.6632	ND	0.5241	ND	ND	33.4076	156.0000
13	6364	10/23/2006	ND	0.0500	ND	ND	ND	ND	ND	0.0142	ND	ND	7.9045	ND	0.6323	ND	ND	39.3496	174.0000
14	6365	10/23/2006	ND	0.0165	ND	2.1448	ND	ND	ND	0.0109	ND	ND	40.0309	0.0008	2.6453	ND	ND	263.2338	604.0000
Test Count that Exceeded Standard			0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	3	2
ND - Not Detected																			

Drinking Water Secondary Standards:			0.1	0.5	250	1	2	0.3	60;120;180	.05	6.5-8.5	1000	250	200	5
	Sample No	Tested Date	Ag mg/L	Al mg/L	Cl mg/L	Cu mg/L	F mg/L	Fe mg/L	Hardnes s	Mn mg/L	pH -	Si mg/L	SO4 mg/L	TDS mg/L	Zn mg/L
1	6351	10/23/2006	ND	ND	3.1062	0.0104	ND	ND	206.2000	0.0013	7.9000	5.7674	27.4852	236.0000	0.0432
2	6352	10/23/2006	ND	ND	178.9339	0.0084	ND	0.1750	1549.1000	0.0327	7.4300	8.0793	1286.4560	2318.0000	0.0375
3	6353	10/23/2006	ND	ND	171.7177	0.0108	ND	ND	1828.6000	0.0003	7.5200	7.1042	1812.9110	2946.0000	0.0666
4	6354	10/23/2006	ND	ND	28.7679	0.0058	ND	ND	291.8000	0.0018	7.8300	5.8485	163.5772	413.0000	0.0503
5	6355	10/23/2006	ND	ND	15.1431	0.0070	ND	ND	157.4000	0.0005	7.9400	5.4208	43.0780	217.0000	0.0352
6	6356	10/23/2006	ND	ND	8.7767	0.0059	ND	ND	121.6000	ND	8.0100	4.0282	29.8304	166.0000	ND
7	6357	10/23/2006	ND	ND	20.5162	0.0133	ND	ND	411.7000	0.0235	8.0000	12.1139	97.7603	448.0000	0.0216
8	6358	10/23/2006	ND	ND	20.7184	0.0128	ND	ND	380.6000	0.0049	7.8500	6.7876	134.3787	488.0000	0.0408
9	6360	10/23/2006	ND	ND	24.0500	0.0094	ND	ND	756.1000	0.0044	7.7700	5.4566	681.1485	1144.0000	0.0465
10	6361	10/23/2006	ND	ND	6.7651	0.0105	ND	ND	150.3000	ND	7.9700	4.0619	50.0991	192.0000	0.0070
11	6362	10/23/2006	ND	ND	8.8504	0.0123	ND	ND	171.0000	ND	7.9300	4.1670	65.1473	224.0000	0.0098
12	6363	10/23/2006	ND	ND	3.5770	0.0109	ND	ND	123.2000	0.0003	8.0000	3.9047	33.4076	156.0000	0.0033
13	6364	10/23/2006	ND	ND	4.0816	0.0142	ND	ND	134.3000	0.0013	7.9900	3.9899	39.3496	174.0000	0.1122
14	6365	10/23/2006	ND	ND	18.6350	0.0109	ND	ND	423.5000	0.0028	7.8300	6.1389	263.2338	604.0000	0.0724
Test Count that Exceeded Standard:			0	0	0	0	0	0	14	0	0	0	4	10	0

ND - Not Detected



Map 31. Grand District

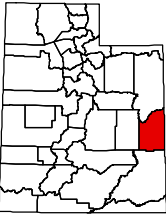


Map Scale 1:150,000 (1 inch = 2.4 miles)

- Sample location
- Road
- Stream
- Ditch or canal
- Aqueduct
- Intermittent stream
- Water body
- Irrigated cropland
- SCD boundary



District Location



# Green River District

## General:

### General Sample Information

	Sample No	Collected Date	Coliform	Ecoli	Temperatura	EC	TDS	SAR	Hardness	Sample Site	Site Condition	Well Head	Material	Casing Condition	Cullinary	Irrigation	Industrial	Landscape	Natural	Drainage	Other
1	6347	10/17/2006	ND	ND	60.3 F (15.7 C)	1115	713.0	2.800	376.0	Well	Surface Water	Natural	Concrete	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	6348	10/17/2006	ND	ND	60.3 F (15.7 C)	5600	4285.	6.400	2070.	Well	Clay Soil	Soil	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	6349	10/17/2006	POS	ND	60.1 F (15.6 C)	4150	3289.	2.200	2067.	Well	Livestock	Soil	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	6350	10/17/2006	POS	POS	58.6 F (14.8 C)	1593	1108.	3.400	532.2	Well	Livestock	Soil	Steel	Open	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bacteria Positive Sample Count			2	1	ND - Not Detected																

## Irrigation:

### Irrigation Standards

	Sample No	Tested Date	5 Al mg/L	0.5;1.0;2.0; B mg/L	.1 Be mg/L	100000 Ca mg/L	71;355 Cl mg/L	1 Co mg/L	1000 CO3 mg/L	1 Cr mg/L	0.2 Cu mg/L	1 F mg/L	5 Fe mg/L	73.2;152.5 HCO3 mg/L	10000 K mg/L	2.5 Li mg/L	100000 Mg mg/L
1	6347	10/23/2006	ND	0.1149	ND	100.0341	106.7684	0.0003	ND	0.0008	0.0087	ND	ND	292.4830	3.5719	0.0358	30.5575
2	6348	10/23/2006	ND	0.3674	ND	406.7614	194.7983	0.0005	ND	0.0007	0.0123	ND	0.0308	272.8720	7.1410	0.0421	255.6851
3	6349	10/23/2006	ND	0.3194	ND	518.3706	100.8027	0.0007	ND	0.0018	0.0053	ND	0.3538	387.2890	5.4734	0.0386	187.2739
4	6350	10/23/2006	ND	0.2162	ND	21.8870	44.0469	ND	9.6124	ND	0.0081	ND	ND	208.0770	18.8860	0.0244	115.8950
Test Count that Exceeded Standard			0	0	0	0	3	0	0	0	0	0	0	4	0	0	0

ND - Not Detected

### Irrigation Standards Continues

	Sample No	Tested Date	.2 Mn mg/L	.01 Mo mg/L	70;230 Na mg/L	.2 Ni mg/L	5 Pb mg/L	10000 PO4 mg/L	3;9 SAR meq/L	.02 Se mg/L	151;451;13 TDS mg/L	.1 V mg/L	2 Zn mg/L
1	6347	10/23/2006	0.5503	0.0033	123.3687	0.0014	ND	ND	2.8000	ND	713.0000	ND	0.0039
2	6348	10/23/2006	0.0528	0.0035	672.7790	0.0031	ND	ND	6.4000	0.0303	4285.0000	ND	0.0669
3	6349	10/23/2006	0.6626	0.0024	230.9120	0.0033	ND	ND	2.2000	ND	3289.0000	ND	0.0278
4	6350	10/23/2006	0.3357	0.0006	179.7677	ND	ND	ND	3.4000	ND	1108.0000	ND	ND
Test Count that Exceeded Standard:			3	0	4	0	0	0	2	1	4	0	0

ND - Not Detected

## Livestock:

### Livestock Standards

	Sample No	Tested Date	5 Al mg/L	0.2 As mg/L	5 B mg/L	.1 Be mg/L	0.05 Cd mg/L	1 Co mg/L	1 Cr mg/L	.5 Cu mg/L	2 F mg/L	10 Hg ug/L	100 NO3 mg/L	.1 Pb mg/L	5.5-8.3 pH	.05 Se mg/L	167;333 SO4 mg/L	1000;3000; TDS mg/L	25 Zn mg/L
1	6347	10/23/2006	ND	ND	0.1149	ND	ND	0.0003	0.0008	0.0087	ND	ND	ND	ND	8.0400	ND	196.8259	713.0000	0.0039
2	6348	10/23/2006	ND	ND	0.3674	ND	ND	0.0005	0.0007	0.0123	ND	ND	1.8212	ND	7.6100	0.0303	2602.1400	4285.0000	0.0669
3	6349	10/23/2006	ND	ND	0.3194	ND	ND	0.0007	0.0018	0.0053	ND	ND	0.2683	ND	7.3700	ND	2046.4880	3289.0000	0.0278
4	6350	10/23/2006	ND	ND	0.2162	ND	ND	ND	ND	0.0081	ND	ND	ND	ND	8.4700	ND	614.7861	1108.0000	ND
Test Count that Exceeded Standard			0	0	0	0	0	0	0	0	0	0	0	0	1	0	4	3	0

ND - Not Detected

Culinary:

Drinking Water Primary Standards			0.01	2	0.004	1	0.005	25	0.1	1.3	4	2	10000	1000	10	.015	.05	500	2000
			As	Ba	Be	Br	Cd	CIO4	Cr	Cu	F	Hg	Na	Ni	NO3	Pb	Se	SO4	TDS
			mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
1	6347	10/23/2006	ND	0.0496	ND	1.8017	ND	ND	0.0008	0.0087	ND	ND	123.3687	0.0014	ND	ND	ND	196.8259	713.0000
2	6348	10/23/2006	ND	0.0090	ND	2.4383	ND	ND	0.0007	0.0123	ND	ND	672.7790	0.0031	1.8212	ND	0.0303	2602.1400	4285.0000
3	6349	10/23/2006	ND	0.0167	ND	2.6985	ND	ND	0.0018	0.0053	ND	ND	230.9120	0.0033	0.2683	ND	ND	2046.4880	3289.0000
4	6350	10/23/2006	ND	0.0030	ND	1.7749	ND	ND	ND	0.0081	ND	ND	179.7677	ND	ND	ND	ND	614.7861	1108.0000
Test Count that Exceeded Standard			0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	3	2

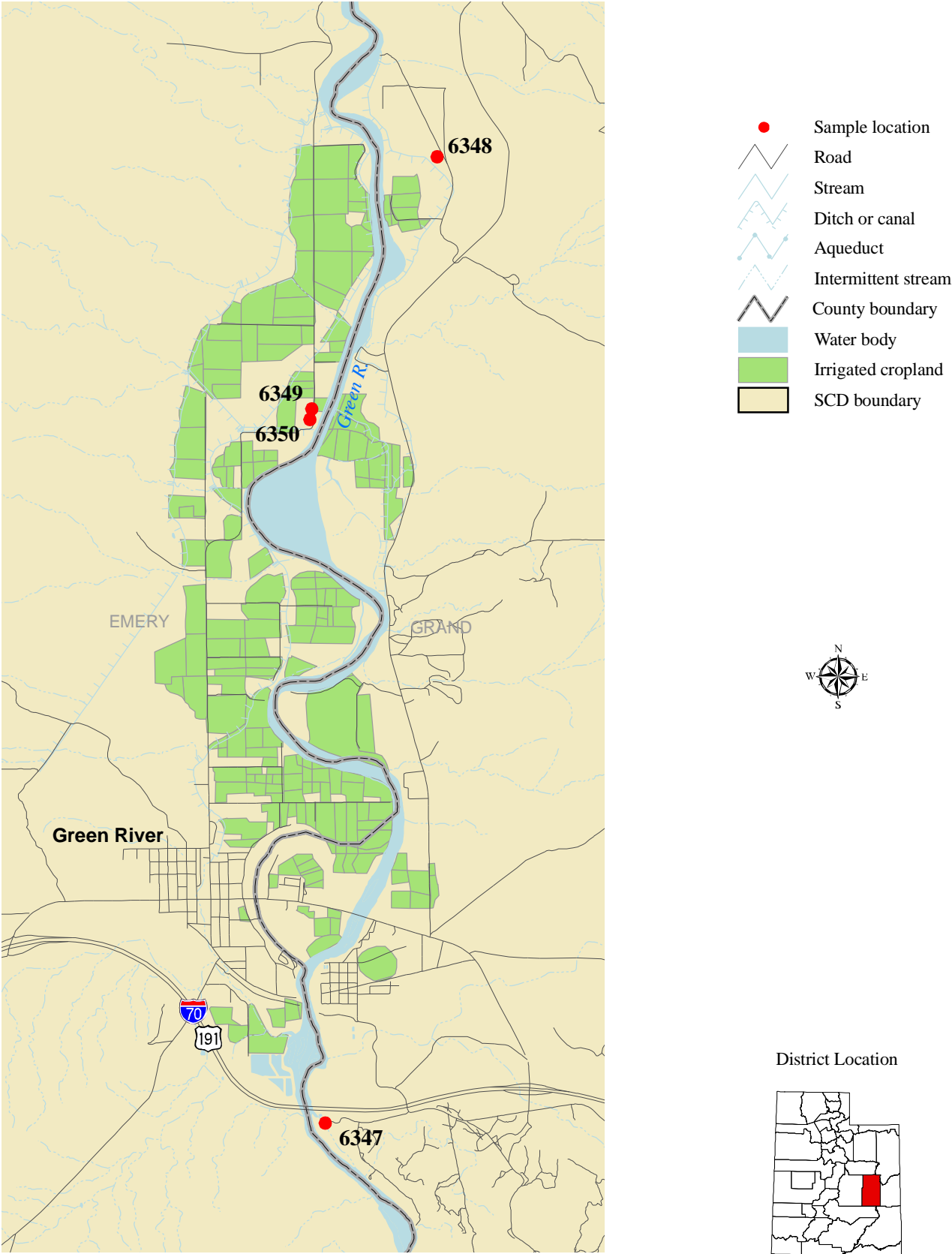
ND - Not Detected

Drinking Water Secondary Standards:			0.1	0.5	250	1	2	0.3	60;120;180	.05	6.5-8.5	1000	250	200	5
			Ag	Al	Cl	Cu	F	Fe	Hardnes	Mn	pH	Si	SO4	TDS	Zn
			mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	s	mg/L	-	mg/L	mg/L	mg/L	mg/L
1	6347	10/23/2006	ND	ND	106.7684	0.0087	ND	ND	376.0000	0.5503	8.0400	7.3507	196.8259	713.0000	0.0039
2	6348	10/23/2006	ND	ND	194.7983	0.0123	ND	0.0308	2070.3000	0.0528	7.6100	8.9747	2602.1400	4285.0000	0.0669
3	6349	10/23/2006	ND	ND	100.8027	0.0053	ND	0.3538	2067.5000	0.6626	7.3700	7.9395	2046.4880	3289.0000	0.0278
4	6350	10/23/2006	ND	ND	44.0469	0.0081	ND	ND	532.2000	0.3357	8.4700	0.1651	614.7861	1108.0000	ND
Test Count that Exceeded Standard:			0	0	0	0	0	1	4	4	0	0	3	4	0

ND - Not Detected



Map 32. Green River District



Map Scale 1:63,360 (1 inch = 1 mile)

# Price River District

## General:

### General Sample Information

	Sample No	Collected Date	Coliform	Ecoli	Temperatura	EC	TDS mg/L	SAR meq/L	Hardness mg/L	Sample Site	Site Condition	Well Head	Material	Casing Condition	Cullinary	Irrigation	Industrial	Landscape	Natural	Drainage	Other
	1	6092	7/6/2006	ND	ND	48.6 F (9.2 C)	548	260.0	0.100	252.5	Well	Clean	Pit Masonry	Steel	sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	2	6235	9/6/2006	ND	ND	57.4 F (14.1 C)	988	596.0	1.800	401.1	Well	Vegetated	Well House	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bacteria Positive Sample Count			0	0	ND - Not Detected																

## Irrigation:

### Irrigation Standards

	Sample No	Tested Date	5 Al mg/L	0.5;1.0;2.0; B mg/L	.1 Be mg/L	100000 Ca mg/L	71;355 Cl mg/L	1 Co mg/L	1000 CO3 mg/L	1 Cr mg/L	0.2 Cu mg/L	1 F mg/L	5 Fe mg/L	73.2;152.5 HCO3 mg/L	10000 K mg/L	2.5 Li mg/L	100000 Mg mg/L
1	6092	7/13/2006	ND	0.0161	ND	59.0670	4.8605	ND	ND	ND	0.0150	ND	ND	312.2180	0.5416	0.0044	25.4378
2	6235	9/12/2006	ND	0.2431	ND	66.5406	8.7220	ND	ND	ND	0.0030	ND	ND	476.4700	2.0204	0.0250	56.9734
Test Count that Exceeded Standard			0	0	0	0	0	0	0	0	0	0	0	2	0	0	0

ND - Not Detected

### Irrigation Standards Continues

	Sample No	Tested Date	.2 Mn mg/L	.01 Mo mg/L	70;230 Na mg/L	.2 Ni mg/L	5 Pb mg/L	10000 PO4 mg/L	3;9 SAR meq/L	.02 Se mg/L	151;451;13 TDS mg/L	.1 V mg/L	2 Zn mg/L
1	6092	7/13/2006	0.0016	ND	4.4047	0.0103	ND	ND	0.1000	ND	260.0000	ND	0.2159
2	6235	9/12/2006	0.0024	0.0039	80.8806	ND	ND	ND	1.8000	ND	596.0000	0.0024	0.0058
Test Count that Exceeded Standard:			0	0	1	0	0	0	0	0	2	0	0

ND - Not Detected

## Livestock:

### Livestock Standards

	Sample No	Tested Date	5 Al mg/L	0.2 As mg/L	5 B mg/L	.1 Be mg/L	0.05 Cd mg/L	1 Co mg/L	1 Cr mg/L	.5 Cu mg/L	2 F mg/L	10 Hg ug/L	100 NO3 mg/L	.1 Pb mg/L	5.5-8.3 pH -	.05 Se mg/L	167;333 SO4 mg/L	1000;3000; TDS mg/L	25 Zn mg/L
1	6092	7/13/2006	ND	ND	0.0161	ND	ND	ND	ND	0.0150	ND	ND	ND	ND	8.0300	ND	7.7685	260.0000	0.2159
2	6235	9/12/2006	ND	0.0019	0.2431	ND	ND	ND	ND	0.0030	ND	ND	0.5665	ND	7.9300	ND	134.6191	596.0000	0.0058
Test Count that Exceeded Standard			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ND - Not Detected

## Culinary:

### Drinking Water Primary Standards

	Sample No	Tested Date	0.01 As mg/L	2 Ba mg/L	0.004 Be mg/L	1 Br mg/L	0.005 Cd mg/L	25 ClO4 ug/L	0.1 Cr mg/L	1.3 Cu mg/L	4 F mg/L	2 Hg ug/L	10000 Na mg/L	1000 Ni mg/L	10 NO3 mg/L	.015 Pb mg/L	.05 Se mg/L	500 SO4 mg/L	2000 TDS mg/L
1	6092	7/13/2006	ND	0.1254	ND	ND	ND	ND	ND	0.0150	ND	ND	4.4047	0.0103	ND	ND	ND	7.7685	260.0000
2	6235	9/12/2006	0.0019	0.0389	ND	ND	ND	ND	ND	0.0030	ND	ND	80.8806	ND	0.5665	ND	ND	134.6191	596.0000
Test Count that Exceeded Standard			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ND - Not Detected

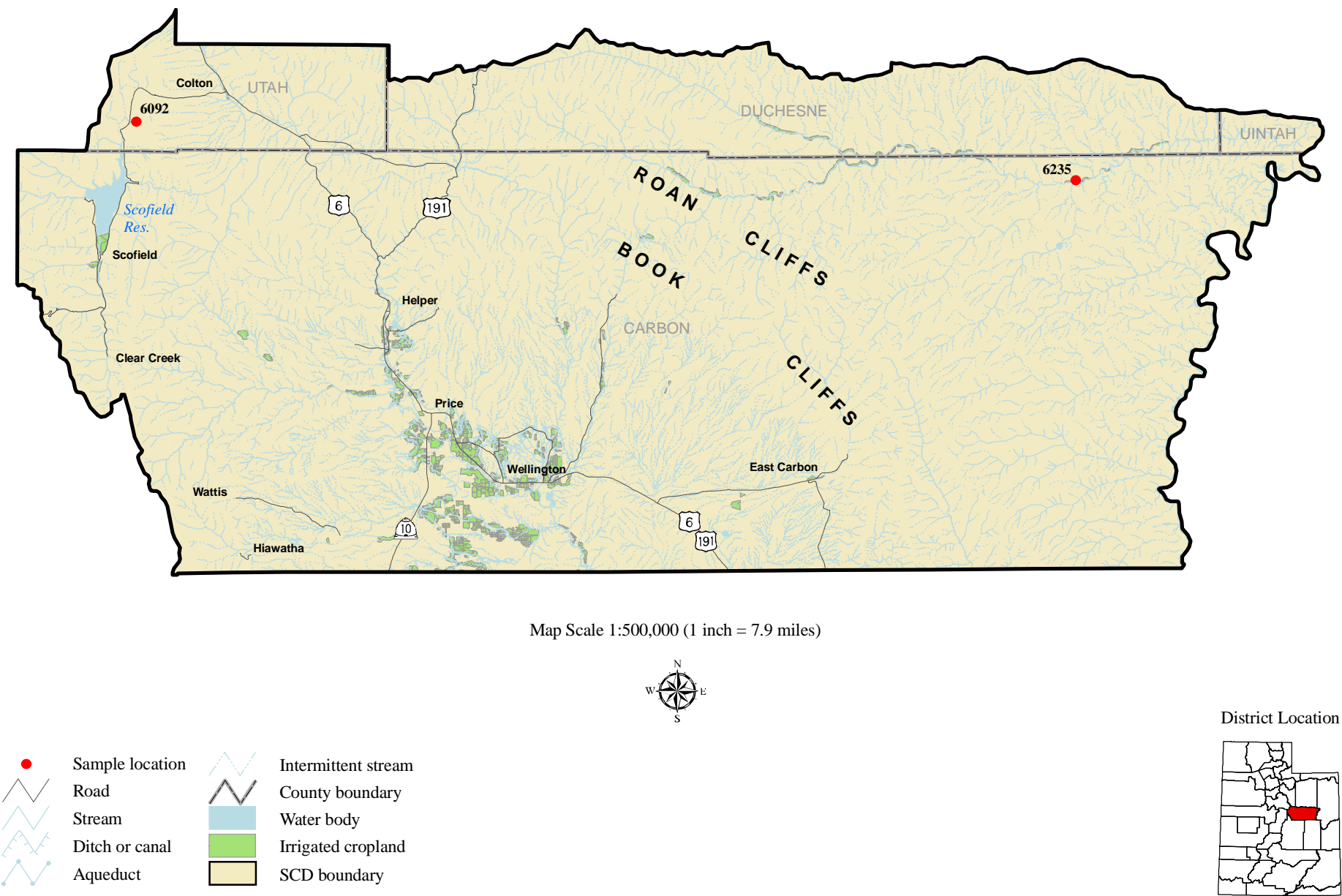
**Drinking Water Secondary Standards:**

			0.1	0.5	250	1	2	0.3	60;120;180	.05	6.5-8.5	1000	250	200	5
	Sample No	Tested Date	Ag mg/L	Al mg/L	Cl mg/L	Cu mg/L	F mg/L	Fe mg/L	Hardnes s	Mn mg/L	pH -	Si mg/L	SO4 mg/L	TDS mg/L	Zn mg/L
1	6092	7/13/2006	ND	ND	4.8605	0.0150	ND	ND	252.5000	0.0016	8.0300	3.3044	7.7685	260.0000	0.2159
2	6235	9/12/2006	ND	ND	8.7220	0.0030	ND	ND	401.1000	0.0024	7.9300	10.5677	134.6191	596.0000	0.0058
Test Count that Exceeded Standard:			0	0	0	0	0	0	2	0	0	0	0	2	0

ND - Not Detected



Map 33. Price River Watershed District



# San Juan County District

## General:

### General Sample Information

	Sample No	Collected Date	Coliform	Ecoli	Temperatura	EC	TDS mg/L	SAR meq/L.mg/L	Hardness	Sample Site	Site Condition	Well Head	Material	Casing Condition	Cullinary	Irrigation	Industrial	Landscape	Natural	Drainage	Other
1	6268	9/19/2006	ND	ND	68.5 F (20.3 C)	1346	800.0	51.20	5.200	Well	Clay Soil	Soil	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	6269	9/19/2006	ND	ND	63.7 F (17.6 C)	1314	809.0	57.50	4.900	Well	Clean	Soil	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	6270	9/19/2006	POS	ND	66.0 F (18.9 C)	380	364.0	8.400	15.50	Flowing Well	Surface Water	Covered	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	6271	9/19/2006	ND	ND	67.5 F (19.7 C)	380	229.0	8.800	14.50	Flowing Well	Clean	Covered	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	6272	9/19/2006	ND	ND	63.7 F (17.6 C)	471	293.0	12.70	12.30	Flowing Well	Clean	Soil	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	6273	9/19/2006	POS	POS	65.1 F (18.4 C)	528	332.0	20.60	6.300	Well	Surface Water	Soil	Steel	Open	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	6274	9/19/2006	POS	POS	77.2 F (25.1 C)	1501	919.0	10.00	157.5						<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	6275	9/19/2006	ND	ND	62.4 F (16.9 C)	437	284.0	0.300	225.3	Well	Clean	Soil	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	6276	9/19/2006	ND	ND	55.2 F (12.9 C)	813	539.0	1.100	379.6	Well	Clean	Well House	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	6277	9/19/2006	POS	ND	54.5 F (12.5 C)	852	523.0	1.100	362.1	Well	Clean	Soil	Steel	Sealed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11	6278	9/20/2006	POS	ND	56.3 F (13.5 C)	1909	1596.	1.300	1150.	Well	Clean	Soil	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12	6279	9/20/2006	ND	ND	55.9 F (13.3 C)	1027	666.0	0.400	564.4	Well	Clay Soil	Covered	Steel	Open	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13	6280	9/20/2006	ND	ND	56.7 F (13.7 C)	675	381.0	0.500	315.4	Well	Chemicals	Well House	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14	6281	9/20/2006	POS	ND	57.4 F (14.1 C)	1244	705.0	1.200	539.0	Well	Clay Soil	Concrete Pad	PVC	Sealed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15	6282	9/20/2006	ND	ND	57.0 F (13.9 C)	885	525.0	1.200	356.0	Well	Vegetated	Lawn	Steel	Sealed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16	6283	9/20/2006	POS	POS	56.5 F (13.6 C)	568	335.0	1.300	209.3	Well	Vegetated	Lawn	Steel	Open	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17	6284	9/20/2006	ND	ND	56.7 F (13.7 C)	738	459.0	1.200	270.7	Well	Vegetated	Covered	Steel	Open	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18	6285	9/20/2006	POS	ND	57.2 F (14.0 C)	1025	618.0	1.100	451.3	Well	Vegetated	Lawn	Steel	Open	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19	6286	9/20/2006	ND	ND	63.0 F (17.2 C)	232	129.0	0.300	95.40	Flowing Well	Clean	Soil	Steel	Sealed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20	6287	9/20/2006	POS	ND	55.9 F (13.3 C)	876	536.0	0.900	397.2	Well	Clean	Covered	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21	6288	9/20/2006	ND	ND	59.0 F (15.0 C)	704	417.0	0.700	324.1	Well	Clean	Covered	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22	6289	9/20/2006	ND	ND	54.9 F (12.7 C)	903	533.0	0.900	425.5	Well	Clean	Covered	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
23	6290	9/20/2006	POS	POS	53.2 F (11.8 C)	685	404.0	0.800	300.7	Spring	Vegetated	Natural	Soil	Open	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
24	6291	9/20/2006	POS	ND	53.1 F (11.7 C)	708	402.0	0.600	326.4	Spring	Vegetated	Natural	Soil	Open	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
25	6292	9/20/2006	POS	ND	54.3 F (12.4 C)	726	431.0	0.700	330.7	Spring	Vegetated	Natural	Soil	Open	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
26	6293	9/20/2006	POS	ND	54.0 F (12.2 C)	524	309.0	0.700	224.8	Spring	Vegetated	Natural	Soil	Open	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
27	6294	9/20/2006	POS	ND	58.5 F (14.7 C)	700	412.0	0.600	307.5	Spring	Vegetated	Natural	Soil	Open	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
28	6295	9/20/2006	ND	ND	54.7 F (12.6 C)	363	210.0	0.600	147.7	Well	Clean	Covered	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
29	6296	9/20/2006	POS	ND	40.1 F (4.5 C)	269	141.0	0.100	126.0	Spring	Vegetated	Natural	PVC	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
30	6297	9/21/2006	ND	ND	55.0 F (12.8 C)	3590	2012.	71.00	22.60	Well	Clean	Soil	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
31	6366	10/18/2006	ND	ND	51.8 F (11.0 C)	1020	639.0	1.200	447.7	Well	Livestock	Well House	Steel	Sealed	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
32	6367	10/18/2006	ND	ND	46.9 F (8.3 C)	542	321.0	0.900	221.4	Well	Clean	Concrete Pad	PVC	Sealed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
33	6369	10/18/2006	ND	ND	52.7 F (11.5 C)	2570	1117.	50.40	14.90	Well	Clean	Soil	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
34	6370	10/18/2006	ND	ND	51.8 F (11.0 C)	1520	907.0	43.00	13.10	Well	Livestock	Well House			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



	Sample No	Collected Date	Coliform	Ecoli	Temperatura	EC		Sample Site	Site Condition	Well Head	Material	Casing Condition	Cullinary	Irrigation	Industrial	Landscape	Natural	Drainage	Other	
35	6371	10/18/2006	ND	ND	52.5 F (11.4 C)	1340 991.0 0.600 812.9		Well	Clean	Concrete Pad	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
36	6372	10/18/2006	ND	ND	54.9 F (12.7 C)	2930 1657. 1.700 1139.		Well	Clean	Soil	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
37	6373	10/18/2006	POS	ND	52.7 F (11.5 C)	3470 2362. 0.500 1897.		Well	Clean	Covered	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
38	6374	10/18/2006	ND	ND	53.1 F (11.7 C)	576 357.0 0.600 264.6		Well	Clean	Natural	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
39	6375	10/18/2006	POS	ND	53.1 F (11.7 C)	562 367.0 0.600 278.2		Well	Vegetated	Lawn	Steel	Subsidence	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
40	6376	10/18/2006	ND	ND	51.3 F (10.7 C)	484 296.0 0.400 240.3		Well	Vegetated	Covered	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
41	6377	10/18/2006	ND	ND	51.3 F (10.7 C)	420 247.0 0.400 211.8		Well	Clean	Well House	Steel	Piping	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
42	6378	10/18/2006	ND	ND	52.2 F (11.2 C)	327 185.0 0.600 143.7		Spring	Vegetated	Natural	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
43	6379	10/18/2006	POS	ND	56.7 F (13.7 C)	253 143.0 0.300 120.1		Spring	Clean	Covered	Concrete	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
44	6380	10/18/2006	ND	ND	52.3 F (11.3 C)	352 208.0 0.800 148.6		Well	Clean	Natural	Steel	Piping	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
45	6381	10/18/2006	POS	ND	52.7 F (11.5 C)	522 318.0 0.500 265.7		Well	Vegetated	Lawn	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
46	6382	10/18/2006	POS	ND	50.4 F (10.2 C)	610 383.0 0.800 282.4		Well	Clean	Pit Concrete	Steel		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
47	6383	10/18/2006	ND	ND	55.6 F (13.1 C)	516 327.0 0.400 275.7		Well	Vegetated	Well House			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
48	6384	10/18/2006	ND	ND	51.8 F (11.0 C)	1211 905.0 2.200 531.1		Well	Livestock	Well House			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
49	6385	10/18/2006	ND	ND	52.2 F (11.2 C)	574 361.0 0.400 291.3		Well	Clean	Soil	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
50	6386	10/18/2006	ND	ND	51.8 F (11.0 C)	520 343.0 0.500 264.3		Well	Clean	Covered	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
51	6387	10/18/2006	ND	ND	50.2 F (10.1 C)	806 541.0 0.800 395.1		Well	Clean	Well House	Steel	Sealed	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Bacteria Positive Sample Count			20	4	ND - Not Detected															



**Irrigation:**

Irrigation Standards			5	0.5;1.0;2.0;	.1	100000	71;355	1	1000	1	0.2	1	5	73.2;152.5	10000	2.5	100000
	Sample No	Tested Date	Al mg/L	B mg/L	Be mg/L	Ca mg/L	Cl mg/L	Co mg/L	CO3 mg/L	Cr mg/L	Cu mg/L	F mg/L	Fe mg/L	HCO3 mg/L	K mg/L	Li mg/L	Mg mg/L
1	6268	9/22/2006	ND	0.2494	ND	1.2541	13.3495	ND	61.6393	ND	0.0117	0.8741	ND	595.0060	3.3984	0.2787	0.4980
2	6269	9/22/2006	ND	0.2324	ND	1.2286	13.0821	ND	50.8604	0.0009	0.0140	1.1916	ND	606.3890	3.5751	0.2724	0.4338
3	6270	9/22/2006	ND	0.0269	ND	4.4802	1.4773	ND	ND	ND	0.0125	ND	0.1150	181.2110	2.1114	0.0500	1.0370
4	6271	9/22/2006	ND	0.0259	ND	4.1887	1.2237	ND	3.1337	ND	0.0125	ND	ND	175.6910	1.6651	0.0498	0.9788
5	6272	9/22/2006	ND	0.0345	ND	3.3561	3.3927	ND	17.8505	ND	0.0132	ND	ND	221.1540	2.0475	0.0682	0.9519
6	6273	9/22/2006	ND	0.0383	ND	1.5277	2.9350	ND	39.3958	ND	0.0176	ND	0.0104	231.9230	1.7161	0.0657	0.5905
7	6274	9/22/2006	ND	0.1363	ND	34.6577	53.6206	0.0009	ND	0.0005	0.0194	ND	ND	640.8000	3.1128	0.1089	17.1932
8	6275	9/22/2006	ND	0.0194	ND	48.9508	7.3161	ND	ND	ND	0.0219	ND	ND	197.1170	1.7737	0.0233	24.9840
9	6276	9/22/2006	ND	0.0313	ND	125.1860	16.4395	ND	ND	ND	0.0198	ND	ND	391.9590	1.9138	0.0189	16.1738
10	6277	9/22/2006	ND	0.0291	ND	121.8672	17.4599	ND	ND	ND	0.0215	ND	ND	392.9620	1.6438	0.0158	13.9370
11	6278	9/22/2006	ND	0.0590	ND	325.4258	31.1503	ND	ND	ND	0.0117	ND	1.1971	297.5520	4.9024	0.0675	81.8815
12	6279	9/22/2006	ND	0.0360	ND	165.0639	35.2607	0.0004	ND	ND	0.0275	ND	0.0165	180.4160	2.3472	0.0321	36.8286
13	6280	9/22/2006	ND	0.0348	ND	105.5438	18.8437	ND	ND	ND	0.0303	ND	ND	313.4890	3.1168	0.0034	12.5165
14	6281	9/22/2006	ND	0.0665	ND	136.7068	124.4305	ND	ND	ND	0.0185	ND	ND	311.2060	2.7898	0.0286	47.8632
15	6282	9/22/2006	ND	0.0657	ND	97.3156	50.4547	ND	ND	ND	0.0165	ND	ND	266.8300	2.1831	0.0264	27.3584
16	6283	9/22/2006	ND	0.0494	ND	59.4679	18.0871	ND	ND	ND	0.0173	ND	ND	231.8920	1.7159	0.0253	14.7116
17	6284	9/22/2006	ND	0.0288	ND	79.6135	30.1686	0.0027	ND	ND	0.0179	ND	ND	232.7710	2.0787	0.0281	17.3851
18	6285	9/22/2006	ND	0.0659	ND	124.8799	66.1845	ND	ND	ND	0.0195	ND	ND	290.3840	1.9516	0.0237	33.7525
19	6286	9/22/2006	ND	0.0135	ND	31.4489	9.3259	ND	ND	ND	0.0140	ND	ND	99.6240	0.7560	ND	4.0695
20	6287	9/22/2006	ND	0.0301	ND	127.0648	32.4818	ND	ND	ND	0.0217	ND	ND	332.0720	2.1067	0.0195	19.3164
21	6288	9/22/2006	ND	0.0261	ND	106.2990	16.6612	ND	ND	ND	0.0547	ND	0.0211	221.1810	1.7537	0.0110	14.1672
22	6289	9/22/2006	ND	0.0678	ND	138.3371	17.4809	ND	ND	ND	0.0199	ND	ND	401.1050	1.6701	0.0251	19.3344
23	6290	9/22/2006	ND	0.0245	ND	97.1748	32.4765	ND	ND	ND	0.0105	ND	0.0124	247.8710	1.5768	0.0142	14.0254
24	6291	9/22/2006	ND	0.0163	ND	106.7825	48.0973	ND	ND	ND	0.0091	ND	ND	190.4020	1.5572	0.0106	14.4317
25	6292	9/22/2006	ND	0.0184	ND	107.6456	51.6388	ND	ND	ND	0.0034	ND	ND	200.2500	1.7151	0.0122	14.9465
26	6293	9/22/2006	ND	0.0181	ND	72.6721	19.4518	ND	ND	ND	0.0056	ND	ND	196.6850	1.1953	0.0086	10.4733
27	6294	9/22/2006	ND	0.0161	ND	101.0756	49.8848	ND	ND	ND	0.0086	ND	ND	188.6220	1.7058	0.0105	13.2993
28	6295	9/22/2006	ND	0.0216	ND	50.0167	7.9847	ND	ND	ND	0.0095	ND	ND	193.5020	0.8566	0.0075	5.4945
29	6296	9/22/2006	ND	0.0061	ND	41.1592	ND	ND	ND	ND	0.0047	ND	ND	161.9650	0.4223	ND	5.6085
30	6297	9/22/2006	ND	0.1302	ND	5.7194	26.7150	ND	ND	ND	0.0097	ND	ND	465.1270	2.7534	0.1932	2.0238
31	6366	10/24/2006	ND	0.0513	ND	146.6449	69.0203	0.0023	ND	0.0012	0.0105	ND	ND	581.7620	0.8434	0.0057	19.6725
32	6367	10/24/2006	ND	0.0237	ND	71.6956	5.7307	ND	ND	ND	0.0051	ND	ND	250.4440	2.0112	0.0242	10.2223
33	6369	10/24/2006	ND	0.1806	ND	3.1258	59.2831	ND	ND	0.0039	0.0070	1.4299	0.0315	945.5780	6.0620	0.2347	1.7150
34	6370	10/24/2006	ND	0.1455	ND	2.7347	56.8618	ND	9.0412	0.0009	0.0034	2.4483	ND	616.2410	4.3619	0.2174	1.5193
35	6371	10/24/2006	ND	0.0676	ND	228.9330	84.0299	ND	ND	0.0015	0.0826	ND	ND	268.5140	7.2886	0.0347	58.3982
36	6372	10/24/2006	ND	0.0989	ND	276.6262	257.8763	0.0003	ND	ND	0.0097	ND	ND	214.2390	12.0702	0.1114	108.6142

**Irrigation Standards**

			5	0.5;1.0;2.0;	.1	100000	71;355	1	1000	1	0.2	1	5	73.2;152.5	10000	2.5	100000
	Sample No	Tested Date	Al mg/L	B mg/L	Be mg/L	Ca mg/L	Cl mg/L	Co mg/L	CO3 mg/L	Cr mg/L	Cu mg/L	F mg/L	Fe mg/L	HCO3 mg/L	K mg/L	Li mg/L	Mg mg/L
37	6373	10/24/2006	ND	0.0892	ND	555.2734	84.9877	0.0004	ND	0.0012	0.0066	ND	ND	211.3770	27.5940	0.3192	123.6350
38	6374	10/24/2006	ND	0.0292	ND	55.2852	8.7437	ND	ND	0.0014	0.0041	ND	ND	235.5830	2.8839	0.0145	30.6734
39	6375	10/24/2006	ND	0.0226	ND	59.9455	9.1187	0.0005	ND	0.0007	0.0026	ND	ND	231.0900	2.7979	0.0127	31.1524
40	6376	10/24/2006	ND	0.0106	ND	72.2365	13.9610	ND	ND	0.0008	0.0037	ND	ND	255.3320	0.8363	0.0036	14.4909
41	6377	10/24/2006	ND	0.0087	ND	64.4100	7.5413	ND	ND	0.0005	0.0047	ND	ND	226.4990	0.7615	0.0031	12.3154
42	6378	10/24/2006	ND	0.0177	ND	17.0159	2.1022	ND	ND	0.0006	0.0064	ND	ND	216.9530	3.6851	0.0195	24.5464
43	6379	10/24/2006	ND	0.0091	ND	24.9516	2.2155	ND	ND	ND	0.0051	ND	ND	148.4460	2.0085	ND	13.9999
44	6380	10/24/2006	ND	0.0150	ND	44.7681	5.4527	ND	ND	ND	0.0036	ND	ND	177.1920	0.7895	0.0054	8.8969
45	6381	10/24/2006	ND	0.0125	ND	77.4591	9.7597	ND	ND	ND	0.0029	ND	ND	212.0000	1.6366	0.0052	17.4800
46	6382	10/24/2006	ND	0.0336	ND	78.7731	14.5368	ND	ND	ND	0.0172	ND	ND	248.4820	1.3672	0.0086	20.7351
47	6383	10/24/2006	ND	0.0181	ND	76.0103	5.5363	ND	ND	ND	0.0103	ND	ND	274.4880	2.1802	0.0090	20.8016
48	6384	10/24/2006	ND	0.0875	ND	167.8481	24.3138	ND	ND	0.0006	0.0110	ND	ND	301.7420	1.7577	0.0049	27.0659
49	6385	10/24/2006	ND	0.0143	ND	79.6623	8.3641	ND	ND	0.0005	0.0016	ND	ND	227.4030	1.7369	0.0078	22.3673
50	6386	10/24/2006	ND	0.0111	ND	84.0896	11.0966	ND	ND	ND	0.0054	ND	ND	195.6320	1.3479	ND	13.1196
51	6387	10/24/2006	ND	0.0686	ND	116.4701	17.4997	ND	ND	0.0009	0.0123	ND	ND	280.7790	1.6795	0.0147	25.2136
Test Count that Exceeded Standard			0	0	0	0	4	0	0	0	0	3	0	51	0	0	0

ND - Not Detected



**Irrigation Standards Continues**

	Sample No	Tested Date	.2 Mn mg/L	.01 Mo mg/L	70;230 Na mg/L	.2 Ni mg/L	5 Pb mg/L	10000 PO4 mg/L	3;9 SAR meq/L	.02 Se mg/L	151;451;13 TDS mg/L	.1 V mg/L	2 Zn mg/L
1	6268	9/22/2006	0.0020	0.0028	268.1678	ND	ND	ND	51.2000	ND	800.0000	ND	ND
2	6269	9/22/2006	0.0043	0.0028	291.2230	ND	ND	ND	57.5000	ND	809.0000	ND	ND
3	6270	9/22/2006	0.0087	0.0006	76.3637	ND	ND	ND	8.4000	ND	364.0000	ND	0.0271
4	6271	9/22/2006	0.0142	0.0006	77.2508	ND	ND	ND	8.8000	ND	229.0000	ND	ND
5	6272	9/22/2006	0.0075	0.0007	102.6829	ND	ND	ND	12.7000	ND	293.0000	ND	ND
6	6273	9/22/2006	0.0030	0.0007	118.1409	ND	ND	ND	20.6000	ND	332.0000	0.0020	ND
7	6274	9/22/2006	0.0005	0.0015	287.5969	0.0018	ND	ND	10.0000	0.0050	919.0000	0.0101	0.0456
8	6275	9/22/2006	0.0009	ND	11.2654	ND	0.0016	ND	0.3000	ND	284.0000	ND	0.4555
9	6276	9/22/2006	0.0004	0.0017	47.8674	0.0009	ND	ND	1.1000	ND	539.0000	ND	0.0039
10	6277	9/22/2006	0.0027	0.0012	46.5588	0.0019	ND	ND	1.1000	ND	523.0000	ND	0.1126
11	6278	9/22/2006	0.6724	0.0067	97.6373	0.0012	ND	ND	1.3000	ND	1596.0000	ND	0.0236
12	6279	9/22/2006	0.0021	0.0009	22.8595	0.0032	ND	ND	0.4000	0.0300	666.0000	ND	0.0318
13	6280	9/22/2006	0.0005	0.0010	20.2344	0.0014	ND	ND	0.5000	ND	381.0000	ND	0.0304
14	6281	9/22/2006	0.0003	0.0033	61.4110	0.0011	ND	ND	1.2000	0.0104	705.0000	ND	0.0030
15	6282	9/22/2006	0.0019	0.0028	52.1476	0.0009	ND	ND	1.2000	0.0071	525.0000	ND	0.3864
16	6283	9/22/2006	0.0077	0.0025	43.0957	0.0009	ND	ND	1.3000	ND	335.0000	ND	0.1401
17	6284	9/22/2006	0.1138	0.0028	46.6891	0.0046	ND	ND	1.2000	0.0071	459.0000	ND	0.0093
18	6285	9/22/2006	0.0006	0.0032	52.0358	0.0007	ND	ND	1.1000	0.0077	618.0000	ND	0.0067
19	6286	9/22/2006	0.0309	0.0025	7.5122	ND	ND	ND	0.3000	ND	129.0000	ND	0.2546
20	6287	9/22/2006	ND	0.0009	39.3641	0.0009	ND	ND	0.9000	0.0112	536.0000	ND	0.0064
21	6288	9/22/2006	0.0126	ND	30.4349	0.0010	ND	ND	0.7000	0.0075	417.0000	ND	0.0358
22	6289	9/22/2006	0.0003	0.0013	44.8880	0.0010	ND	ND	0.9000	0.0045	533.0000	ND	0.0197
23	6290	9/22/2006	0.0447	ND	33.3547	0.0009	ND	ND	0.8000	0.0056	404.0000	ND	0.0269
24	6291	9/22/2006	0.0005	ND	26.2343	0.0012	ND	ND	0.6000	0.0083	402.0000	ND	0.0044
25	6292	9/22/2006	0.0008	ND	30.1892	ND	ND	ND	0.7000	0.0081	431.0000	ND	0.0024
26	6293	9/22/2006	0.0005	ND	23.9982	0.0007	ND	ND	0.7000	0.0041	309.0000	ND	0.0083
27	6294	9/22/2006	ND	ND	25.6474	0.0007	ND	ND	0.6000	0.0084	412.0000	ND	0.0042
28	6295	9/22/2006	0.0010	0.0005	18.0568	0.0029	ND	ND	0.6000	0.0053	210.0000	ND	2.6570
29	6296	9/22/2006	ND	ND	2.9274	ND	ND	ND	0.1000	ND	141.0000	ND	0.0069
30	6297	9/22/2006	0.0157	0.0010	776.2061	0.0007	ND	ND	71.0000	ND	2012.0000	ND	0.0044
31	6366	10/24/2006	0.0024	0.0007	58.7777	0.0027	ND	ND	1.2000	ND	639.0000	ND	0.1000
32	6367	10/24/2006	0.2909	0.0020	31.7066	0.0007	ND	ND	0.9000	ND	321.0000	ND	0.0027
33	6369	10/24/2006	0.0074	0.0006	446.5362	0.0007	ND	ND	50.4000	ND	1117.0000	ND	0.0101
34	6370	10/24/2006	0.0049	0.0023	357.6080	ND	ND	ND	43.0000	ND	907.0000	ND	0.0727
35	6371	10/24/2006	0.0013	0.0105	37.9093	0.0029	ND	ND	0.6000	0.0074	991.0000	0.0026	0.0889
36	6372	10/24/2006	0.0018	0.0058	133.8287	0.0033	0.0014	ND	1.7000	0.0155	1657.0000	ND	0.1575



# Irrigation Standards Continues

			.2	.01	70;230	.2	5	10000	3;9	.02	151;451;13	.1	2
	Sample No	Tested Date	Mn mg/L	Mo mg/L	Na mg/L	Ni mg/L	Pb mg/L	PO4 mg/L	SAR meq/L	Se mg/L	TDS mg/L	V mg/L	Zn mg/L
37	6373	10/24/2006	0.0003	0.0040	46.6128	0.0071	ND	ND	0.5000	0.0145	2362.0000	ND	0.0088
38	6374	10/24/2006	0.0220	ND	23.3484	ND	ND	ND	0.6000	ND	357.0000	ND	0.0078
39	6375	10/24/2006	0.0211	ND	22.8439	ND	ND	ND	0.6000	ND	367.0000	ND	0.0224
40	6376	10/24/2006	0.0249	ND	15.5462	0.0519	ND	ND	0.4000	ND	296.0000	ND	0.2769
41	6377	10/24/2006	0.0014	0.0005	12.4268	ND	ND	ND	0.4000	ND	247.0000	ND	0.1169
42	6378	10/24/2006	ND	0.0078	16.4888	ND	ND	ND	0.6000	0.0152	185.0000	0.0170	0.0029
43	6379	10/24/2006	0.0167	ND	7.2885	ND	ND	ND	0.3000	0.0115	143.0000	ND	0.0047
44	6380	10/24/2006	0.0327	0.0021	21.0484	ND	ND	ND	0.8000	ND	208.0000	ND	0.0277
45	6381	10/24/2006	0.0017	ND	17.4633	ND	ND	ND	0.5000	ND	318.0000	ND	0.0243
46	6382	10/24/2006	0.0020	0.0009	31.0866	0.0008	ND	ND	0.8000	ND	383.0000	ND	0.2857
47	6383	10/24/2006	0.0006	0.0025	16.3061	0.0026	ND	ND	0.4000	ND	327.0000	ND	0.0149
48	6384	10/24/2006	0.0002	ND	116.2138	0.0009	ND	ND	2.2000	ND	905.0000	ND	0.0206
49	6385	10/24/2006	0.0036	0.0006	16.1546	ND	ND	ND	0.4000	ND	361.0000	ND	0.0028
50	6386	10/24/2006	0.0012	ND	18.9718	ND	ND	ND	0.5000	ND	343.0000	ND	0.7170
51	6387	10/24/2006	0.0005	0.0013	38.1740	0.0009	ND	ND	0.8000	ND	541.0000	0.0026	0.0182
Test Count that Exceeded Standard:			2	1	13	0	0	0	10	1	48	0	1

ND - Not Detected

**Livestock:****Livestock Standards**

	Sample No	Tested Date	5 Al mg/L	0.2 As mg/L	5 B mg/L	.1 Be mg/L	0.05 Cd mg/L	1 Co mg/L	1 Cr mg/L	.5 Cu mg/L	2 F mg/L	10 Hg ug/L	100 NO3 mg/L	.1 Pb mg/L	5.5-8.3 pH -	.05 Se mg/L	167;333 SO4 mg/L	1000;3000; TDS mg/L	25 Zn mg/L
1	6268	9/22/2006	ND	0.0158	0.2494	ND	ND	ND	ND	0.0117	0.8741	ND	0.1487	ND	8.7900	ND	153.4965	800.0000	ND
2	6269	9/22/2006	ND	0.0158	0.2324	ND	ND	ND	0.0009	0.0140	1.1916	ND	ND	ND	8.7600	ND	145.2472	809.0000	ND
3	6270	9/22/2006	ND	0.0089	0.0269	ND	ND	ND	ND	0.0125	ND	ND	0.2102	ND	8.2200	ND	183.8269	364.0000	0.0271
4	6271	9/22/2006	ND	0.0092	0.0259	ND	ND	ND	ND	0.0125	ND	ND	0.1640	ND	8.3900	ND	49.4821	229.0000	ND
5	6272	9/22/2006	ND	0.0122	0.0345	ND	ND	ND	ND	0.0132	ND	ND	0.2159	ND	8.6700	ND	48.6403	293.0000	ND
6	6273	9/22/2006	ND	0.0139	0.0383	ND	ND	ND	ND	0.0176	ND	ND	0.2089	ND	9.0200	ND	48.4502	332.0000	ND
7	6274	9/22/2006	ND	0.0044	0.1363	ND	ND	0.0009	0.0005	0.0194	ND	ND	12.1668	ND	8.1700	0.0050	185.5934	919.0000	0.0456
8	6275	9/22/2006	ND	ND	0.0194	ND	ND	ND	ND	0.0219	ND	ND	ND	0.0016	7.9400	ND	86.5207	284.0000	0.4555
9	6276	9/22/2006	ND	ND	0.0313	ND	ND	ND	ND	0.0198	ND	ND	4.4933	ND	7.8300	ND	127.4802	539.0000	0.0039
10	6277	9/22/2006	ND	ND	0.0291	ND	ND	ND	ND	0.0215	ND	ND	4.6623	ND	7.9300	ND	117.0591	523.0000	0.1126
11	6278	9/22/2006	ND	ND	0.0590	ND	ND	ND	ND	0.0117	ND	ND	ND	ND	7.3800	ND	902.6960	1596.0000	0.0236
12	6279	9/22/2006	ND	ND	0.0360	ND	ND	0.0004	ND	0.0275	ND	ND	2.1769	ND	7.0200	0.0300	306.1150	666.0000	0.0318
13	6280	9/22/2006	ND	ND	0.0348	ND	ND	ND	ND	0.0303	ND	ND	6.7665	ND	7.8600	ND	53.7248	381.0000	0.0304
14	6281	9/22/2006	ND	0.0022	0.0665	ND	ND	ND	ND	0.0185	ND	ND	12.5012	ND	7.6500	0.0104	158.4221	705.0000	0.0030
15	6282	9/22/2006	ND	ND	0.0657	ND	ND	ND	ND	0.0165	ND	ND	7.7275	ND	7.5900	0.0071	149.4604	525.0000	0.3864
16	6283	9/22/2006	ND	ND	0.0494	ND	ND	ND	ND	0.0173	ND	ND	3.6764	ND	7.7200	ND	73.4713	335.0000	0.1401
17	6284	9/22/2006	ND	0.0020	0.0288	ND	ND	0.0027	ND	0.0179	ND	ND	1.4754	ND	7.4900	0.0071	160.8390	459.0000	0.0093
18	6285	9/22/2006	ND	ND	0.0659	ND	ND	ND	ND	0.0195	ND	ND	7.0935	ND	7.6700	0.0077	181.8410	618.0000	0.0067
19	6286	9/22/2006	ND	ND	0.0135	ND	ND	ND	ND	0.0140	ND	ND	0.2729	ND	7.5300	ND	25.2912	129.0000	0.2546
20	6287	9/22/2006	ND	ND	0.0301	ND	ND	ND	ND	0.0217	ND	ND	2.7862	ND	7.5300	0.0112	142.3175	536.0000	0.0064
21	6288	9/22/2006	ND	ND	0.0261	ND	ND	ND	ND	0.0547	ND	ND	1.2952	ND	7.8900	0.0075	132.1773	417.0000	0.0358
22	6289	9/22/2006	ND	ND	0.0678	ND	ND	ND	ND	0.0199	ND	ND	2.7757	ND	7.7700	0.0045	104.3886	533.0000	0.0197
23	6290	9/22/2006	ND	ND	0.0245	ND	ND	ND	ND	0.0105	ND	ND	1.5842	ND	7.3700	0.0056	94.5606	404.0000	0.0269
24	6291	9/22/2006	ND	ND	0.0163	ND	ND	ND	ND	0.0091	ND	ND	2.5503	ND	7.4400	0.0083	101.7390	402.0000	0.0044
25	6292	9/22/2006	ND	ND	0.0184	ND	ND	ND	ND	0.0034	ND	ND	2.6137	ND	7.2400	0.0081	116.3840	431.0000	0.0024
26	6293	9/22/2006	ND	ND	0.0181	ND	ND	ND	ND	0.0056	ND	ND	1.8537	ND	7.4600	0.0041	75.8405	309.0000	0.0083
27	6294	9/22/2006	ND	ND	0.0161	ND	ND	ND	ND	0.0086	ND	ND	2.7875	ND	7.5500	0.0084	117.8604	412.0000	0.0042
28	6295	9/22/2006	ND	ND	0.0216	ND	ND	ND	ND	0.0095	ND	ND	0.8168	ND	7.4400	0.0053	24.0554	210.0000	2.6570
29	6296	9/22/2006	ND	ND	0.0061	ND	ND	ND	ND	0.0047	ND	ND	0.8275	ND	7.7600	ND	6.3047	141.0000	0.0069
30	6297	9/22/2006	ND	ND	0.1302	ND	ND	ND	ND	0.0097	ND	ND	0.3317	ND	7.3200	ND	964.5481	2012.0000	0.0044
31	6366	10/24/2006	ND	ND	0.0513	ND	ND	0.0023	0.0012	0.0105	ND	ND	2.3807	ND	7.6100	ND	41.9454	639.0000	0.1000
32	6367	10/24/2006	ND	ND	0.0237	ND	ND	ND	ND	0.0051	ND	ND	0.3188	ND	7.6600	ND	72.1550	321.0000	0.0027
33	6369	10/24/2006	ND	0.0019	0.1806	ND	ND	ND	0.0039	0.0070	1.4299	ND	0.3677	ND	7.8400	ND	129.4107	1117.0000	0.0101
34	6370	10/24/2006	ND	0.0123	0.1455	ND	0.0008	ND	0.0009	0.0034	2.4483	ND	0.3601	ND	8.4400	ND	166.6704	907.0000	0.0727
35	6371	10/24/2006	ND	0.2463	0.0676	ND	0.0027	ND	0.0015	0.0826	ND	ND	4.2807	ND	7.6500	0.0074	431.4604	991.0000	0.0889
36	6372	10/24/2006	ND	0.0097	0.0989	ND	0.0042	0.0003	ND	0.0097	ND	ND	2.4631	0.0014	7.6500	0.0155	755.3422	1657.0000	0.1575



# Livestock Standards

			5	0.2	5	.1	0.05	1	1	.5	2	10	100	.1	5.5-8.3	.05	167;333	1000;3000;	25
	Sample No	Tested Date	Al mg/L	As mg/L	B mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	F mg/L	Hg ug/L	NO3 mg/L	Pb mg/L	pH -	Se mg/L	SO4 mg/L	TDS mg/L	Zn mg/L
37	6373	10/24/2006	ND	ND	0.0892	ND	0.0055	0.0004	0.0012	0.0066	ND	ND	2.8339	ND	7.7100	0.0145	1412.0800	2362.0000	0.0088
38	6374	10/24/2006	ND	ND	0.0292	ND	ND	ND	0.0014	0.0041	ND	ND	0.2921	ND	7.8200	ND	114.7414	357.0000	0.0078
39	6375	10/24/2006	ND	ND	0.0226	ND	ND	0.0005	0.0007	0.0026	ND	ND	0.2622	ND	7.8600	ND	122.6641	367.0000	0.0224
40	6376	10/24/2006	ND	ND	0.0106	ND	ND	ND	0.0008	0.0037	ND	ND	0.5208	ND	7.6800	ND	41.3322	296.0000	0.2769
41	6377	10/24/2006	ND	ND	0.0087	ND	ND	ND	0.0005	0.0047	ND	ND	0.5732	ND	7.7700	ND	26.4808	247.0000	0.1169
42	6378	10/24/2006	ND	0.0089	0.0177	ND	ND	ND	0.0006	0.0064	ND	ND	0.3342	ND	8.1500	0.0152	9.6164	185.0000	0.0029
43	6379	10/24/2006	ND	ND	0.0091	ND	ND	ND	ND	0.0051	ND	ND	0.3360	ND	7.2200	0.0115	14.6062	143.0000	0.0047
44	6380	10/24/2006	ND	ND	0.0150	ND	ND	ND	ND	0.0036	ND	ND	0.3535	ND	7.9300	ND	28.8140	208.0000	0.0277
45	6381	10/24/2006	ND	ND	0.0125	ND	ND	ND	ND	0.0029	ND	ND	0.4615	ND	7.9300	ND	83.4940	318.0000	0.0243
46	6382	10/24/2006	ND	ND	0.0336	ND	ND	ND	ND	0.0172	ND	ND	0.9871	ND	7.9000	ND	102.0638	383.0000	0.2857
47	6383	10/24/2006	ND	ND	0.0181	ND	ND	ND	ND	0.0103	ND	ND	0.4162	ND	8.0200	ND	65.0235	327.0000	0.0149
48	6384	10/24/2006	ND	ND	0.0875	ND	ND	ND	0.0006	0.0110	ND	ND	2.1287	ND	7.7400	ND	408.5570	905.0000	0.0206
49	6385	10/24/2006	ND	ND	0.0143	ND	ND	ND	0.0005	0.0016	ND	ND	0.2761	ND	7.9400	ND	114.4693	361.0000	0.0028
50	6386	10/24/2006	ND	ND	0.0111	ND	ND	ND	ND	0.0054	ND	ND	0.7782	ND	7.8100	ND	111.6551	343.0000	0.7170
51	6387	10/24/2006	ND	ND	0.0686	ND	ND	ND	0.0009	0.0123	ND	ND	1.6895	ND	7.8800	ND	190.5140	541.0000	0.0182
Test Count that Exceeded Standard			0	1	0	0	0	0	0	0	1	0	0	0	6	0	11	5	0

ND - Not Detected



Culinary:

Drinking Water Primary Standards			0.01	2	0.004	1	0.005	25	0.1	1.3	4	2	10000	1000	10	.015	.05	500	2000
			As	Ba	Be	Br	Cd	ClO4	Cr	Cu	F	Hg	Na	Ni	NO3	Pb	Se	SO4	TDS
			mg/L	mg/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	ug/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
1	6268	9/22/2006	0.0158	0.0201	ND	ND	ND	ND	ND	0.0117	0.8741	ND	268.1678	ND	0.1487	ND	ND	153.4965	800.0000
2	6269	9/22/2006	0.0158	0.0206	ND	ND	ND	ND	0.0009	0.0140	1.1916	ND	291.2230	ND	ND	ND	ND	145.2472	809.0000
3	6270	9/22/2006	0.0089	0.0311	ND	ND	ND	ND	ND	0.0125	ND	ND	76.3637	ND	0.2102	ND	ND	183.8269	364.0000
4	6271	9/22/2006	0.0092	0.0346	ND	ND	ND	ND	ND	0.0125	ND	ND	77.2508	ND	0.1640	ND	ND	49.4821	229.0000
5	6272	9/22/2006	0.0122	0.0213	ND	ND	ND	ND	ND	0.0132	ND	ND	102.6829	ND	0.2159	ND	ND	48.6403	293.0000
6	6273	9/22/2006	0.0139	0.0154	ND	ND	ND	ND	ND	0.0176	ND	ND	118.1409	ND	0.2089	ND	ND	48.4502	332.0000
7	6274	9/22/2006	0.0044	0.0447	ND	ND	ND	ND	0.0005	0.0194	ND	ND	287.5969	0.0018	12.1668	ND	0.0050	185.5934	919.0000
8	6275	9/22/2006	ND	0.0358	ND	ND	ND	ND	ND	0.0219	ND	ND	11.2654	ND	ND	0.0016	ND	86.5207	284.0000
9	6276	9/22/2006	ND	0.0841	ND	2.3559	ND	ND	ND	0.0198	ND	ND	47.8674	0.0009	4.4933	ND	ND	127.4802	539.0000
10	6277	9/22/2006	ND	0.0878	ND	2.3605	ND	ND	ND	0.0215	ND	ND	46.5588	0.0019	4.6623	ND	ND	117.0591	523.0000
11	6278	9/22/2006	ND	0.0113	ND	ND	ND	ND	ND	0.0117	ND	ND	97.6373	0.0012	ND	ND	ND	902.6960	1596.0000
12	6279	9/22/2006	ND	0.0246	ND	1.4247	ND	ND	ND	0.0275	ND	ND	22.8595	0.0032	2.1769	ND	0.0300	306.1150	666.0000
13	6280	9/22/2006	ND	0.1543	ND	1.6297	ND	ND	ND	0.0303	ND	ND	20.2344	0.0014	6.7665	ND	ND	53.7248	381.0000
14	6281	9/22/2006	0.0022	0.0556	ND	2.5880	ND	ND	ND	0.0185	ND	ND	61.4110	0.0011	12.5012	ND	0.0104	158.4221	705.0000
15	6282	9/22/2006	ND	0.0520	ND	2.4265	ND	ND	ND	0.0165	ND	ND	52.1476	0.0009	7.7275	ND	0.0071	149.4604	525.0000
16	6283	9/22/2006	ND	0.0436	ND	1.6021	ND	ND	ND	0.0173	ND	ND	43.0957	0.0009	3.6764	ND	ND	73.4713	335.0000
17	6284	9/22/2006	0.0020	0.0136	ND	2.1061	ND	ND	ND	0.0179	ND	ND	46.6891	0.0046	1.4754	ND	0.0071	160.8390	459.0000
18	6285	9/22/2006	ND	0.0742	ND	2.3245	ND	ND	ND	0.0195	ND	ND	52.0358	0.0007	7.0935	ND	0.0077	181.8410	618.0000
19	6286	9/22/2006	ND	0.0849	ND	ND	ND	ND	ND	0.0140	ND	ND	7.5122	ND	0.2729	ND	ND	25.2912	129.0000
20	6287	9/22/2006	ND	0.1339	ND	2.3608	ND	ND	ND	0.0217	ND	ND	39.3641	0.0009	2.7862	ND	0.0112	142.3175	536.0000
21	6288	9/22/2006	ND	0.0772	ND	1.7271	ND	ND	ND	0.0547	ND	ND	30.4349	0.0010	1.2952	ND	0.0075	132.1773	417.0000
22	6289	9/22/2006	ND	0.0475	ND	2.1453	ND	ND	ND	0.0199	ND	ND	44.8880	0.0010	2.7757	ND	0.0045	104.3886	533.0000
23	6290	9/22/2006	ND	0.0910	ND	1.9994	ND	ND	ND	0.0105	ND	ND	33.3547	0.0009	1.5842	ND	0.0056	94.5606	404.0000
24	6291	9/22/2006	ND	0.1160	ND	1.8841	ND	ND	ND	0.0091	ND	ND	26.2343	0.0012	2.5503	ND	0.0083	101.7390	402.0000
25	6292	9/22/2006	ND	0.0860	ND	2.0431	ND	ND	ND	0.0034	ND	ND	30.1892	ND	2.6137	ND	0.0081	116.3840	431.0000
26	6293	9/22/2006	ND	0.0748	ND	1.5608	ND	ND	ND	0.0056	ND	ND	23.9982	0.0007	1.8537	ND	0.0041	75.8405	309.0000
27	6294	9/22/2006	ND	0.1143	ND	1.9120	ND	ND	ND	0.0086	ND	ND	25.6474	0.0007	2.7875	ND	0.0084	117.8604	412.0000
28	6295	9/22/2006	ND	0.0613	ND	1.2832	ND	ND	ND	0.0095	ND	ND	18.0568	0.0029	0.8168	ND	0.0053	24.0554	210.0000
29	6296	9/22/2006	ND	0.2366	ND	ND	ND	ND	ND	0.0047	ND	ND	2.9274	ND	0.8275	ND	ND	6.3047	141.0000
30	6297	9/22/2006	ND	ND	ND	ND	ND	ND	ND	0.0097	ND	ND	776.2061	0.0007	0.3317	ND	ND	964.5481	2012.0000
31	6366	10/24/2006	ND	0.0847	ND	1.9318	ND	ND	0.0012	0.0105	ND	ND	58.7777	0.0027	2.3807	ND	ND	41.9454	639.0000
32	6367	10/24/2006	ND	0.0201	ND	ND	ND	ND	ND	0.0051	ND	ND	31.7066	0.0007	0.3188	ND	ND	72.1550	321.0000
33	6369	10/24/2006	0.0019	0.1534	ND	2.4996	ND	ND	0.0039	0.0070	1.4299	ND	446.5362	0.0007	0.3677	ND	ND	129.4107	1117.0000
34	6370	10/24/2006	0.0123	0.0134	ND	3.3866	0.0008	ND	0.0009	0.0034	2.4483	ND	357.6080	ND	0.3601	ND	ND	166.6704	907.0000
35	6371	10/24/2006	0.2463	0.0221	ND	1.7336	0.0027	ND	0.0015	0.0826	ND	ND	37.9093	0.0029	4.2807	ND	0.0074	431.4604	991.0000
36	6372	10/24/2006	0.0097	0.0165	ND	2.2652	0.0042	ND	ND	0.0097	ND	ND	133.8287	0.0033	2.4631	0.0014	0.0155	755.3422	1657.0000

Drinking Water Primary Standards			0.01 As mg/L	2 Ba mg/L	0.004 Be mg/L	1 Br mg/L	0.005 Cd mg/L	25 ClO4 ug/L	0.1 Cr mg/L	1.3 Cu mg/L	4 F mg/L	2 Hg ug/L	10000 Na mg/L	1000 Ni mg/L	10 NO3 mg/L	.015 Pb mg/L	.05 Se mg/L	500 SO4 mg/L	2000 TDS mg/L
	Sample No	Tested Date																	
37	6373	10/24/2006	ND	0.0095	ND	2.3106	0.0055	ND	0.0012	0.0066	ND	ND	46.6128	0.0071	2.8339	ND	0.0145	1412.0800	2362.0000
38	6374	10/24/2006	ND	0.0431	ND	ND	ND	ND	0.0014	0.0041	ND	ND	23.3484	ND	0.2921	ND	ND	114.7414	357.0000
39	6375	10/24/2006	ND	0.0241	ND	ND	ND	ND	0.0007	0.0026	ND	ND	22.8439	ND	0.2622	ND	ND	122.6641	367.0000
40	6376	10/24/2006	ND	0.0565	ND	2.1321	ND	ND	0.0008	0.0037	ND	ND	15.5462	0.0519	0.5208	ND	ND	41.3322	296.0000
41	6377	10/24/2006	ND	0.0393	ND	1.9068	ND	ND	0.0005	0.0047	ND	ND	12.4268	ND	0.5732	ND	ND	26.4808	247.0000
42	6378	10/24/2006	0.0089	0.1186	ND	ND	ND	ND	0.0006	0.0064	ND	ND	16.4888	ND	0.3342	ND	0.0152	9.6164	185.0000
43	6379	10/24/2006	ND	0.0355	ND	ND	ND	ND	ND	0.0051	ND	ND	7.2885	ND	0.3360	ND	0.0115	14.6062	143.0000
44	6380	10/24/2006	ND	0.0319	ND	ND	ND	ND	ND	0.0036	ND	ND	21.0484	ND	0.3535	ND	ND	28.8140	208.0000
45	6381	10/24/2006	ND	0.0183	ND	ND	ND	ND	ND	0.0029	ND	ND	17.4633	ND	0.4615	ND	ND	83.4940	318.0000
46	6382	10/24/2006	ND	0.0249	ND	2.0726	ND	ND	ND	0.0172	ND	ND	31.0866	0.0008	0.9871	ND	ND	102.0638	383.0000
47	6383	10/24/2006	ND	0.0114	ND	ND	ND	ND	ND	0.0103	ND	ND	16.3061	0.0026	0.4162	ND	ND	65.0235	327.0000
48	6384	10/24/2006	ND	0.0250	ND	ND	ND	ND	0.0006	0.0110	ND	ND	116.2138	0.0009	2.1287	ND	ND	408.5570	905.0000
49	6385	10/24/2006	ND	0.0175	ND	ND	ND	ND	0.0005	0.0016	ND	ND	16.1546	ND	0.2761	ND	ND	114.4693	361.0000
50	6386	10/24/2006	ND	0.0177	ND	1.8529	ND	ND	ND	0.0054	ND	ND	18.9718	ND	0.7782	ND	ND	111.6551	343.0000
51	6387	10/24/2006	ND	0.0239	ND	2.1924	ND	ND	0.0009	0.0123	ND	ND	38.1740	0.0009	1.6895	ND	ND	190.5140	541.0000
Test Count that Exceeded Standard			6	0	0	29	1	0	0	0	0	0	0	0	2	0	0	4	2

ND - Not Detected



## Drinking Water Secondary Standards:

	Sample No	Tested Date	0.1 Ag mg/L	0.5 Al mg/L	250 Cl mg/L	1 Cu mg/L	2 F mg/L	0.3 Fe mg/L	60;120;180 Hardnes s	0.5 Mn mg/L	6.5-8.5 pH -	1000 Si mg/L	250 SO4 mg/L	200 TDS mg/L	5 Zn mg/L
1	6268	9/22/2006	ND	ND	13.3495	0.0117	0.8741	ND	5.2000	0.0020	8.7900	3.7497	153.4965	800.0000	ND
2	6269	9/22/2006	ND	ND	13.0821	0.0140	1.1916	ND	4.9000	0.0043	8.7600	3.3192	145.2472	809.0000	ND
3	6270	9/22/2006	ND	ND	1.4773	0.0125	ND	0.1150	15.5000	0.0087	8.2200	5.0718	183.8269	364.0000	0.0271
4	6271	9/22/2006	ND	ND	1.2237	0.0125	ND	ND	14.5000	0.0142	8.3900	4.8948	49.4821	229.0000	ND
5	6272	9/22/2006	ND	ND	3.3927	0.0132	ND	ND	12.3000	0.0075	8.6700	4.6862	48.6403	293.0000	ND
6	6273	9/22/2006	ND	ND	2.9350	0.0176	ND	0.0104	6.3000	0.0030	9.0200	5.1247	48.4502	332.0000	ND
7	6274	9/22/2006	ND	ND	53.6206	0.0194	ND	ND	157.5000	0.0005	8.1700	7.9337	185.5934	919.0000	0.0456
8	6275	9/22/2006	ND	ND	7.3161	0.0219	ND	ND	225.3000	0.0009	7.9400	5.6151	86.5207	284.0000	0.4555
9	6276	9/22/2006	ND	ND	16.4395	0.0198	ND	ND	379.6000	0.0004	7.8300	6.1440	127.4802	539.0000	0.0039
10	6277	9/22/2006	ND	ND	17.4599	0.0215	ND	ND	362.1000	0.0027	7.9300	6.1441	117.0591	523.0000	0.1126
11	6278	9/22/2006	ND	ND	31.1503	0.0117	ND	1.1971	1150.9000	0.6724	7.3800	5.0869	902.6960	1596.0000	0.0236
12	6279	9/22/2006	ND	ND	35.2607	0.0275	ND	0.0165	564.4000	0.0021	7.0200	6.6705	306.1150	666.0000	0.0318
13	6280	9/22/2006	ND	ND	18.8437	0.0303	ND	ND	315.4000	0.0005	7.8600	5.2491	53.7248	381.0000	0.0304
14	6281	9/22/2006	ND	ND	124.4305	0.0185	ND	ND	539.0000	0.0003	7.6500	7.0222	158.4221	705.0000	0.0030
15	6282	9/22/2006	ND	ND	50.4547	0.0165	ND	ND	356.0000	0.0019	7.5900	6.7121	149.4604	525.0000	0.3864
16	6283	9/22/2006	ND	ND	18.0871	0.0173	ND	ND	209.3000	0.0077	7.7200	6.0130	73.4713	335.0000	0.1401
17	6284	9/22/2006	ND	ND	30.1686	0.0179	ND	ND	270.7000	0.1138	7.4900	6.0865	160.8390	459.0000	0.0093
18	6285	9/22/2006	ND	ND	66.1845	0.0195	ND	ND	451.3000	0.0006	7.6700	7.2036	181.8410	618.0000	0.0067
19	6286	9/22/2006	ND	ND	9.3259	0.0140	ND	ND	95.4000	0.0309	7.5300	1.1555	25.2912	129.0000	0.2546
20	6287	9/22/2006	ND	ND	32.4818	0.0217	ND	ND	397.2000	ND	7.5300	6.1948	142.3175	536.0000	0.0064
21	6288	9/22/2006	ND	ND	16.6612	0.0547	ND	0.0211	324.1000	0.0126	7.8900	5.4621	132.1773	417.0000	0.0358
22	6289	9/22/2006	ND	ND	17.4809	0.0199	ND	ND	425.5000	0.0003	7.7700	6.5369	104.3886	533.0000	0.0197
23	6290	9/22/2006	ND	ND	32.4765	0.0105	ND	0.0124	300.7000	0.0447	7.3700	6.9841	94.5606	404.0000	0.0269
24	6291	9/22/2006	ND	ND	48.0973	0.0091	ND	ND	326.4000	0.0005	7.4400	6.5094	101.7390	402.0000	0.0044
25	6292	9/22/2006	ND	ND	51.6388	0.0034	ND	ND	330.7000	0.0008	7.2400	7.0679	116.3840	431.0000	0.0024
26	6293	9/22/2006	ND	ND	19.4518	0.0056	ND	ND	224.8000	0.0005	7.4600	6.5315	75.8405	309.0000	0.0083
27	6294	9/22/2006	ND	ND	49.8848	0.0086	ND	ND	307.5000	ND	7.5500	6.5173	117.8604	412.0000	0.0042
28	6295	9/22/2006	ND	ND	7.9847	0.0095	ND	ND	147.7000	0.0010	7.4400	7.1203	24.0554	210.0000	2.6570
29	6296	9/22/2006	ND	ND	ND	0.0047	ND	ND	126.0000	ND	7.7600	2.8996	6.3047	141.0000	0.0069
30	6297	9/22/2006	ND	ND	26.7150	0.0097	ND	ND	22.6000	0.0157	7.3200	3.7386	964.5481	2012.0000	0.0044
31	6366	10/24/2006	ND	ND	69.0203	0.0105	ND	ND	447.7000	0.0024	7.6100	11.9110	41.9454	639.0000	0.1000
32	6367	10/24/2006	ND	ND	5.7307	0.0051	ND	ND	221.4000	0.2909	7.6600	3.6909	72.1550	321.0000	0.0027
33	6369	10/24/2006	ND	ND	59.2831	0.0070	1.4299	0.0315	14.9000	0.0074	7.8400	3.0841	129.4107	1117.0000	0.0101
34	6370	10/24/2006	ND	ND	56.8618	0.0034	2.4483	ND	13.1000	0.0049	8.4400	3.0625	166.6704	907.0000	0.0727
35	6371	10/24/2006	ND	ND	84.0299	0.0826	ND	ND	812.9000	0.0013	7.6500	6.3634	431.4604	991.0000	0.0889
36	6372	10/24/2006	ND	ND	257.8763	0.0097	ND	ND	1139.1000	0.0018	7.6500	4.7308	755.3422	1657.0000	0.1575
37	6373	10/24/2006	ND	ND	84.9877	0.0066	ND	ND	1897.6000	0.0003	7.7100	4.6848	1412.0800	2362.0000	0.0088
38	6374	10/24/2006	ND	ND	8.7437	0.0041	ND	ND	264.6000	0.0220	7.8200	4.5221	114.7414	357.0000	0.0078

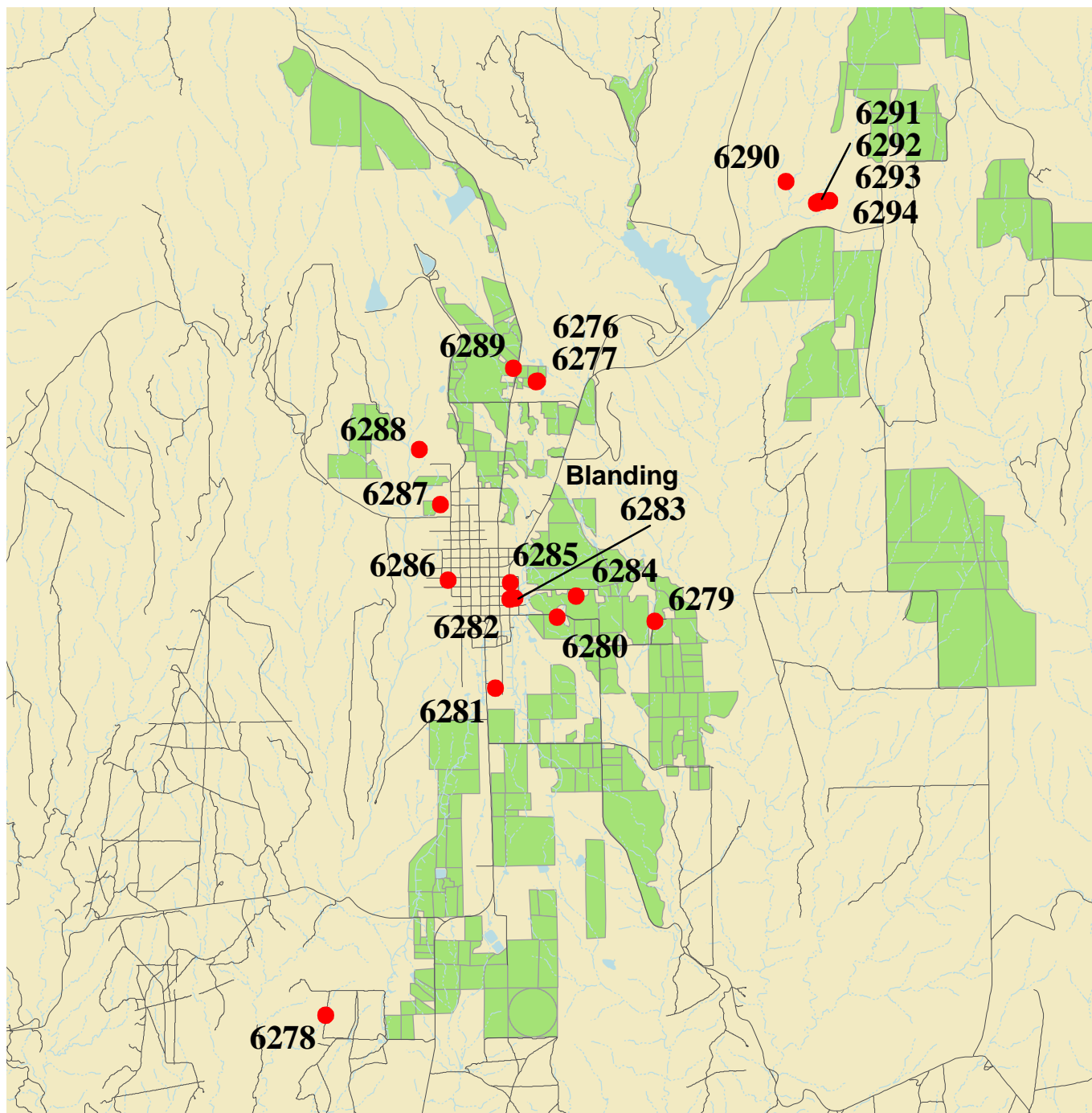


**Drinking Water Secondary Standards:**

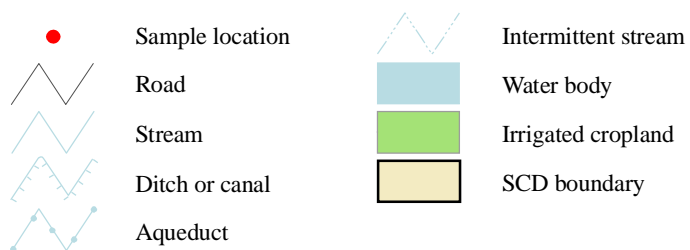
	Sample No	Tested Date	0.1 Ag mg/L	0.5 Al mg/L	250 Cl mg/L	1 Cu mg/L	2 F mg/L	0.3 Fe mg/L	60;120;180 Hardnes s	.05 Mn mg/L	6.5-8.5 pH -	1000 Si mg/L	250 SO4 mg/L	200 TDS mg/L	5 Zn mg/L
39	6375	10/24/2006	ND	ND	9.1187	0.0026	ND	ND	278.2000	0.0211	7.8600	4.5592	122.6641	367.0000	0.0224
40	6376	10/24/2006	ND	ND	13.9610	0.0037	ND	ND	240.3000	0.0249	7.6800	10.6775	41.3322	296.0000	0.2769
41	6377	10/24/2006	ND	ND	7.5413	0.0047	ND	ND	211.8000	0.0014	7.7700	11.3141	26.4808	247.0000	0.1169
42	6378	10/24/2006	ND	ND	2.1022	0.0064	ND	ND	143.7000	ND	8.1500	4.5531	9.6164	185.0000	0.0029
43	6379	10/24/2006	ND	ND	2.2155	0.0051	ND	ND	120.1000	0.0167	7.2200	4.1656	14.6062	143.0000	0.0047
44	6380	10/24/2006	ND	ND	5.4527	0.0036	ND	ND	148.6000	0.0327	7.9300	10.9716	28.8140	208.0000	0.0277
45	6381	10/24/2006	ND	ND	9.7597	0.0029	ND	ND	265.7000	0.0017	7.9300	5.6958	83.4940	318.0000	0.0243
46	6382	10/24/2006	ND	ND	14.5368	0.0172	ND	ND	282.4000	0.0020	7.9000	10.7208	102.0638	383.0000	0.2857
47	6383	10/24/2006	ND	ND	5.5363	0.0103	ND	ND	275.7000	0.0006	8.0200	5.1641	65.0235	327.0000	0.0149
48	6384	10/24/2006	ND	ND	24.3138	0.0110	ND	ND	531.1000	0.0002	7.7400	8.3055	408.5570	905.0000	0.0206
49	6385	10/24/2006	ND	ND	8.3641	0.0016	ND	ND	291.3000	0.0036	7.9400	5.7486	114.4693	361.0000	0.0028
50	6386	10/24/2006	ND	ND	11.0966	0.0054	ND	ND	264.3000	0.0012	7.8100	5.4896	111.6551	343.0000	0.7170
51	6387	10/24/2006	ND	ND	17.4997	0.0123	ND	ND	395.1000	0.0005	7.8800	11.5731	190.5140	541.0000	0.0182
Test Count that Exceeded Standard:			0	0	1	0	1	1	42	3	4	0	7	47	0

ND - Not Detected

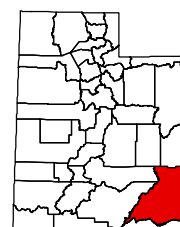
**Map 34. San Juan District - Blanding Area**



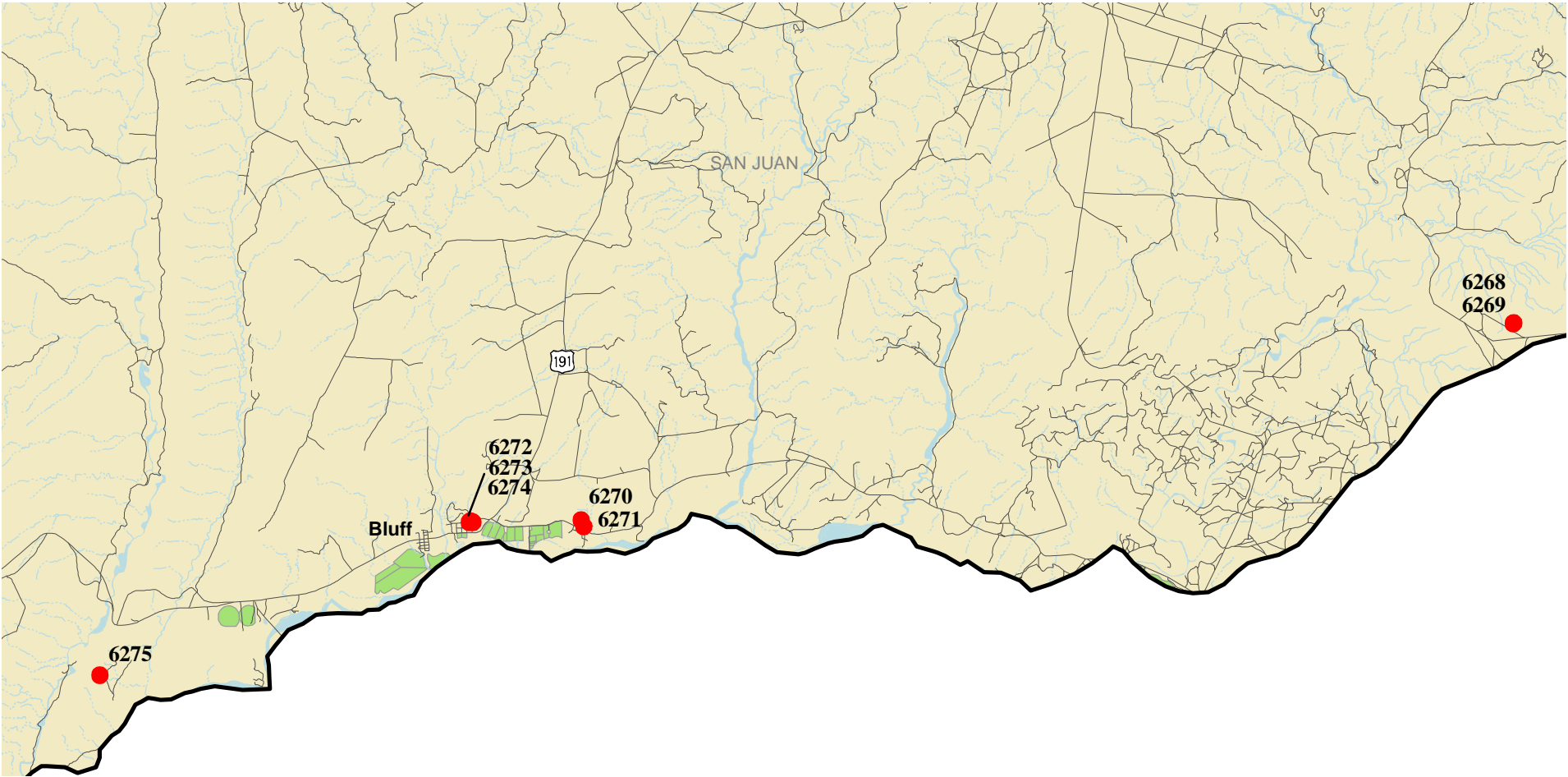
Map Scale 1:100,000 (1 inch = 1.6 miles)



District Location



Map 35. San Juan District - Bluff Area

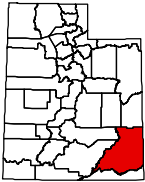


Map Scale 1:186,000 (1 inch = 2.9 miles)



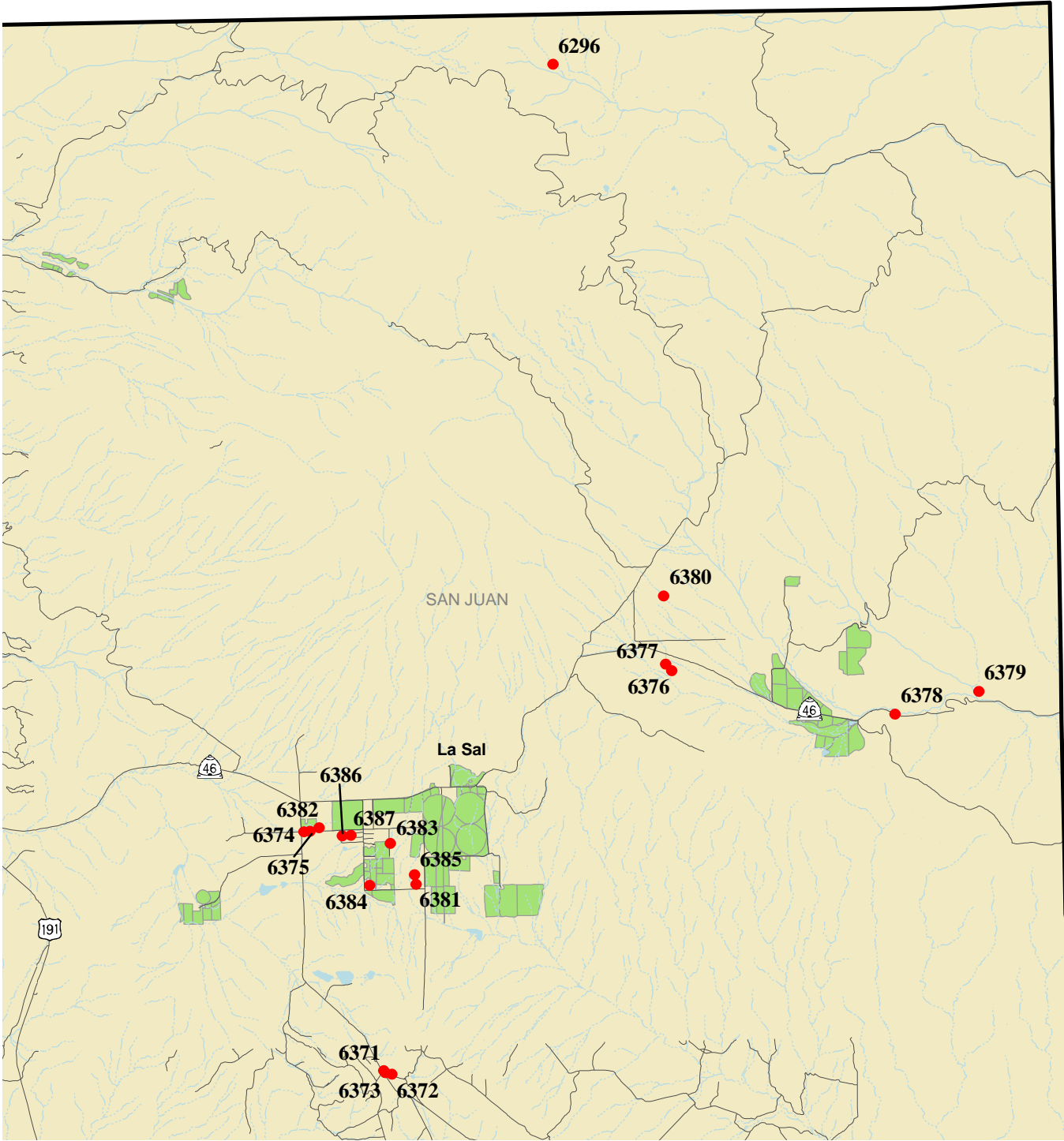
- |   |                 |  |                     |
|---|-----------------|--|---------------------|
| ● | Sample location |  | Intermittent stream |
|   | Road            |  | Water body          |
|   | Stream          |  | Irrigated cropland  |
|   | Ditch or canal  |  | SCD boundary        |
|   | Aqueduct        |  |                     |

District Location





Map 36. San Juan District - La Sal Area



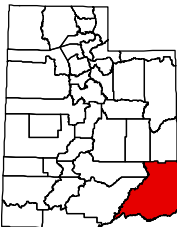
Map Scale 1:160,000 (1 inch = 2.5 miles)



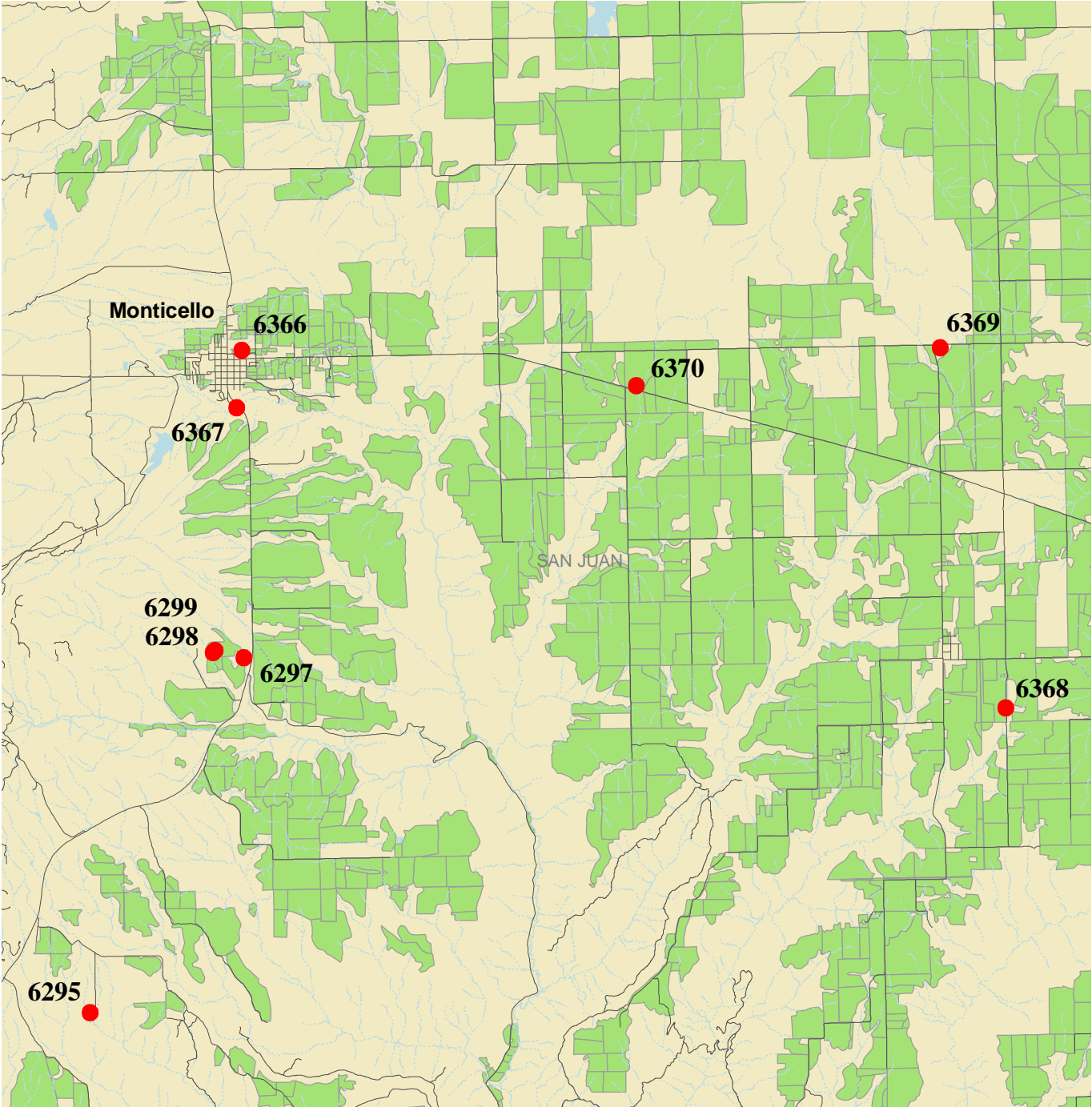
- Sample location
- Road
- Stream
- Ditch or canal
- Aqueduct

- Intermittent stream
- Water body
- Irrigated cropland
- SCD boundary

District Location












Map 37. San Juan District - Monticello Area

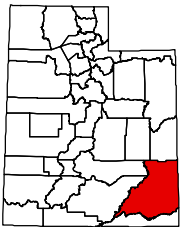


Map Scale 1:155,000 (1 inch = 2.4 miles)



- |   |                 |   |                     |
|---|-----------------|---|---------------------|
|  | Sample location |  | Intermittent stream |
|  | Road            |  | Water body          |
|  | Stream          |  | Irrigated cropland  |
|  | Ditch or canal  |  | SCD boundary        |
|  | Aqueduct        |   |                     |

District Location



# San Rafael District

## General:

### General Sample Information

Sample No	Collected Date	Coliform	Ecoli	Temperature	EC	TDS mg/L	SAR meq/L	Hardness mg/L	Sample Site	Site Condition	Well Head	Material	Casing Condition	Cullinary	Irrigation	Industrial	Landscape	Natural	Drainage	Other
1	6323	10/4/2006	POS	POS	47.1 F (8.4 C)	430	224.0	0.200	208.5	Stream	Vegetated	Gravel	Rock	Open	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bacteria Positive Sample Count		1	1	ND - Not Detected																

## Irrigation:

### Irrigation Standards

Irrigation Standards			5	0.5;1.0;2.0;	.1	100000	71;355	1	1000	1	0.2	2	5	73.2;152.5	10000	2.5	100000
	Sample No	Tested Date	Al mg/L	B mg/L	Be mg/L	Ca mg/L	Cl mg/L	Co mg/L	CO3 mg/L	Cr mg/L	Cu mg/L	F mg/L	Fe mg/L	HCO3 mg/L	K mg/L	Li mg/L	Mg mg/L
1	6323	10/13/2006	ND	0.0120	ND	46.1511	3.3880	ND	9.0665	ND	0.0091	ND	ND	257.1560	0.8951	0.0048	22.6122
Test Count that Exceeded Standard			0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
ND - Not Detected																	

ND - Not Detected

### Irrigation Standards Continues

Irrigation Standards Continues			.2	.01	70;230	.2	5	10000	3;9	.02	151;451;13	.1	2
	Sample No	Tested Date	Mn mg/L	Mo mg/L	Na mg/L	Ni mg/L	Pb mg/L	PO4 mg/L	SAR meq/L	Se mg/L	TDS mg/L	V mg/L	Zn mg/L
1	6323	10/13/2006	0.0005	ND	6.8392	ND	ND	ND	0.2000	ND	224.0000	ND	ND
Test Count that Exceeded Standard:			0	0	0	0	0	0	0	0	1	0	0

ND - Not Detected

## Livestock:

### Livestock Standards

Livestock Standards			5	0.2	5	.1	0.05	1	1	.5	2	10	100	.1	5.5-8.3	.05	167;333	1000;3000;	25
Sample No	Tested Date	AI mg/L	As mg/L	B mg/L	Be mg/L	Cd mg/L	Co mg/L	Cr mg/L	Cu mg/L	F mg/L	Hg ug/L	NO3 mg/L	Pb mg/L	pH -	Se mg/L	SO4 mg/L	TDS mg/L	Zn mg/L	
1	6323	10/13/2006	ND	ND	0.0120	ND	ND	ND	ND	0.0091	ND	ND	0.2879	ND	8.4600	ND	6.5382	224.0000	ND
Test Count that Exceeded Standard			0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0

ND - Not Detected

## Culinary:

### Drinking Water Primary Standards

Drinking Water Primary Standards			0.01	2	0.004	0.005	25	0.1	1.3	4	2	10000	1000	10	.015	.05	500	2000
	Sample No	Tested Date	As mg/L	Ba mg/L	Be mg/L	Cd mg/L	ClO4 ug/L	Cr mg/L	Cu mg/L	F mg/L	Hg ug/L	Na mg/L	Ni mg/L	NO3 mg/L	Pb mg/L	Se mg/L	SO4 mg/L	TDS mg/L
1	6323	10/13/2006	ND	0.0991	ND	ND	ND	ND	0.0091	ND	ND	6.8392	ND	0.2879	ND	ND	6.5382	224.0000
Test Count that Exceeded Standard			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

ND - Not Detected

### Drinking Water Secondary Standards:

Drinking Water Secondary Standards:			0.1	0.5	250	1	2	0.3	60;120;180	.05	6.5-8.5	1000	250	200	5
Sample No	Tested Date	Ag mg/L	Al mg/L	Cl mg/L	Cu mg/L	F mg/L	Fe mg/L	Hardnes s	Mn mg/L	pH -	Si mg/L	SO4 mg/L	TDS mg/L	Zn mg/L	
1	6323	10/13/2006	ND	ND	3.3880	0.0091	ND	ND	208.5000	0.0005	8.4600	1.2541	6.5382	224.0000	ND
Test Count that Exceeded Standard:			0	0	0	0	0	0	1	0	0	0	0	1	0

ND - Not Detected



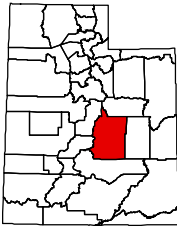
Map 38. San Rafael District



- Sample location
- Road
- County boundary
- Stream
- Ditch or canal
- Aqueduct
- Intermittent stream
- Water body
- Irrigated cropland
- SCD boundary



District Location



Map Scale 1:63,360 (1 inch = 1 mile)