

MEMORANDUM

DATE: March 20, 2008

TO: Permit 63-31183 file

FROM: Michele Edl

RE: Compliance with Permit Conditions

On January 31, 2007, IDWR's Western Region office received a Request for Extension of Time from Micron Technology, Inc. in order to complete the development of water right 63-31183. In addition to the request form, Micron provided documents to support their case for an extension of time. Besides the documents that Micron submitted, I gathered other IDWR documents related to Permit 63-31183 from the Western Region office and from the Hydrology, Ground Water Protection and Water Distribution sections of the state office. I compared the assembled information with the conditions of approval for the permit. This memo is a summary of my findings and includes some recommendations for improving the overall usefulness of information that is submitted for compliance with this permit's conditions and for improving the dissemination of that compliance data.

Summary of Compliance

Although documentation of compliance had to be collected from several IDWR work groups, for the most part, I found that Micron was complying with the conditions attached to permit 63-31183. However, one condition has not been fulfilled as completely as I would have expected. Condition 9 states: **"The right holder will analyze hydraulic response of the aquifer to injection and recovery activities to assess the appropriateness of the recovery plan initially set forth in condition no. 8. The assessment will compare water-level hydrographs from local observation wells to recharge/recovery volumes and rates. An analysis of the recharge/recovery volumes and associated aquifer water levels will be provided to the Department on an annual basis throughout the permit development period. Based on the results of the annual analysis, the right holder may propose a revised recovery plan for approval by the Department. The Department on its own may also require a revised recovery plan based upon its review of the data at any time throughout the permit development period and at the time of license issuance."**

The Department has not received required annual analyses of the recharge/recovery activities in relation to the SE Boise area well levels. However, one of the documents Micron submitted with its extension request was SPF Water Engineering's *Analysis of Diversion Rates and Ground-water Levels in the Southeast Boise Ground Water Management Area*. This report identifies its' purpose and objectives as meeting the requirements of condition 9. (The SPF report refers to this condition as condition 7). The report was compiled in January 2007 and contains a summary of Micron-area production well volumes, a review of SE Boise ground water well levels and a recent MODflow simulation of the Micron ground water flow model.

The SPF report concludes with these two recommendations: "1. Conduct annual comparison of production volumes and ground-water levels in the Micron-area wells, 2. Restore water-level monitoring equipment in the Micron No 4 well." Recommendation 1 is a partial restatement of permit condition 9 and confirms my findings that there has not been full compliance to this condition, to date. Recommendation 2 is disturbing in that, 5 years into the recharge project, the Department is seeing a recommendation that the permit holder maintain key monitoring equipment. However, the permit conditions do not directly require maintenance of water level

equipment and satisfactory completion of other IDWR reporting requirements would support a successful measurement program overall.

Summary of Reporting Requirements

Micron Technology, Inc. is required to submit water quality or quantity reports to two separate sections of IDWR and to cooperate with the director's mandate for data dissemination by a third section. Compliance with some of the conditions attached to this permit are satisfied by these reports.

Micron is required to maintain water measurement records for their production and injection wells and to submit a *Water Measurement Annual Report*, which summarizes well volumes and recharge/recovery calculations, to IDWR's Western Region office. This report fulfills permit condition 8 requiring an accounting of the injection volume. Unfortunately, this series of reports had not been copied to the file for permit 63-31183.

Micron is also required to demonstrate compliance with ground water quality standards by regularly sampling and reporting the injection water quality and quantity to IDWR's Ground Water Protection Section. Both the water measurement report and the injection water quality report summarize annual well volumes. When I was not able to reproduce Micron's total volumes, using the data available from IDWR's Water Measurement database, Micron volume data got extra scrutiny.

I would be more comfortable with the Micron well data, if the totalizers turned over less frequently and if the Department had verification that the measurement equipment had been calibrated in the last five years. But neither of those concerns produced the incorrect annual volumes for Micron's wells in the IDWR database. The source of that problem was at the data entry level and I believe that the Water Distribution section has taken steps to correct it.

In addition to the annual reports originating from Micron, each year since 2001, a member of IDWR's Hydrology Section has completed a trend analysis under the guidance of the SEBGWMA committee. The *Annual Summary of Ground Water Conditions in the SEBGWMA* describes ground water conditions in and around the Micron area and compares current and historical groundwater levels from approximately twenty observation wells. Micron production well trends are referenced generally but specific volumes from the wells are not included in these reports. Micron Technology is a principal stake holder in the SEBGWMA and these reports validate Micron's cooperation with the SEBGWMA and compliance with condition 11 of the permit. Unfortunately, this series of reports has not been copied to this permit file either.

I have temporarily closed some of the compliance information gap by adding period-of-record copies of the series of *Water Measurement Reports* and the series of *Ground Water Condition Summaries* to Permit 63-31183 file. Additional steps will be needed to ensure that these reports are disseminated to the Water Rights Section in the future.

The number of these reports and their variety of sources and destinations has obscured the need for Micron to produce an annual analysis demonstrating compliance with condition 9. This deficiency will need to be remedied.

Recommendations

I recommend that the Department grant Micron's request for an extension of time. Both the Department's Hydrology Section and Micron's consultant, SPF Water Engineering, believe that the recharge/recovery process is stabilizing the ground water levels in SE Boise. Although the water treatment-recharge-recovery process may be performing well, there is room for improvement in compliance to the conditions attached to Permit 63-31183; especially to condition 9.

The permit conditions do not require a model simulation be run. The un-calibrated simulation of the Micron ground water flow model, which was included in SPF's analysis, was unnecessary and unfortunately added complexity rather than clarity to my examination of Micron's compliance with the permit conditions. Instead of a model simulation, Micron could reach satisfactory compliance to condition 9 by submitting an annual analysis that merges information from two of the annual reports mentioned above. Specifically, I recommend that SEBGWMA hydrographs be combined with a graph of the production well volumes from the Water Measurement Reports. The ground water levels in the management area are available from IDWR and no exotic software is needed to provide a good graphical display and summary of the data. I recommend a graphical comparison of the period-of-record total (or net) production well volumes with period-of-record ground water levels, supported and documented by the necessary spreadsheets of source data. A graphical presentation would make future analysis of compliance with the condition 9 less onerous for IDWR staff. Figure 5 on page 9 of SPF's report comes close to the presentation I have in mind.

There are approximately twenty observation wells in the SE Boise area. Not all of their hydrographs are equally informative in a comparative analysis of withdrawals vs. ground water levels. I recommend that only the ten observation wells in closest proximity to Micron's production wells be used in the analysis. I have attached a test spreadsheet and graph which verifies that the data needed to generate a spreadsheet/graph summary was in fact available to the public. My test file was based on the Christiansen well data but equivalent data for other Micron area wells is available from IDWR public database.

Finally, in order to consolidate all of the documents related to compliance for this permit, I recommend that Micron provide copies of the *Water Measurement Annual Report* and *Annual Summary of Ground Water Conditions in the SEBGWMA* to the Water Rights Section for inclusion in Permit file 63-31183.

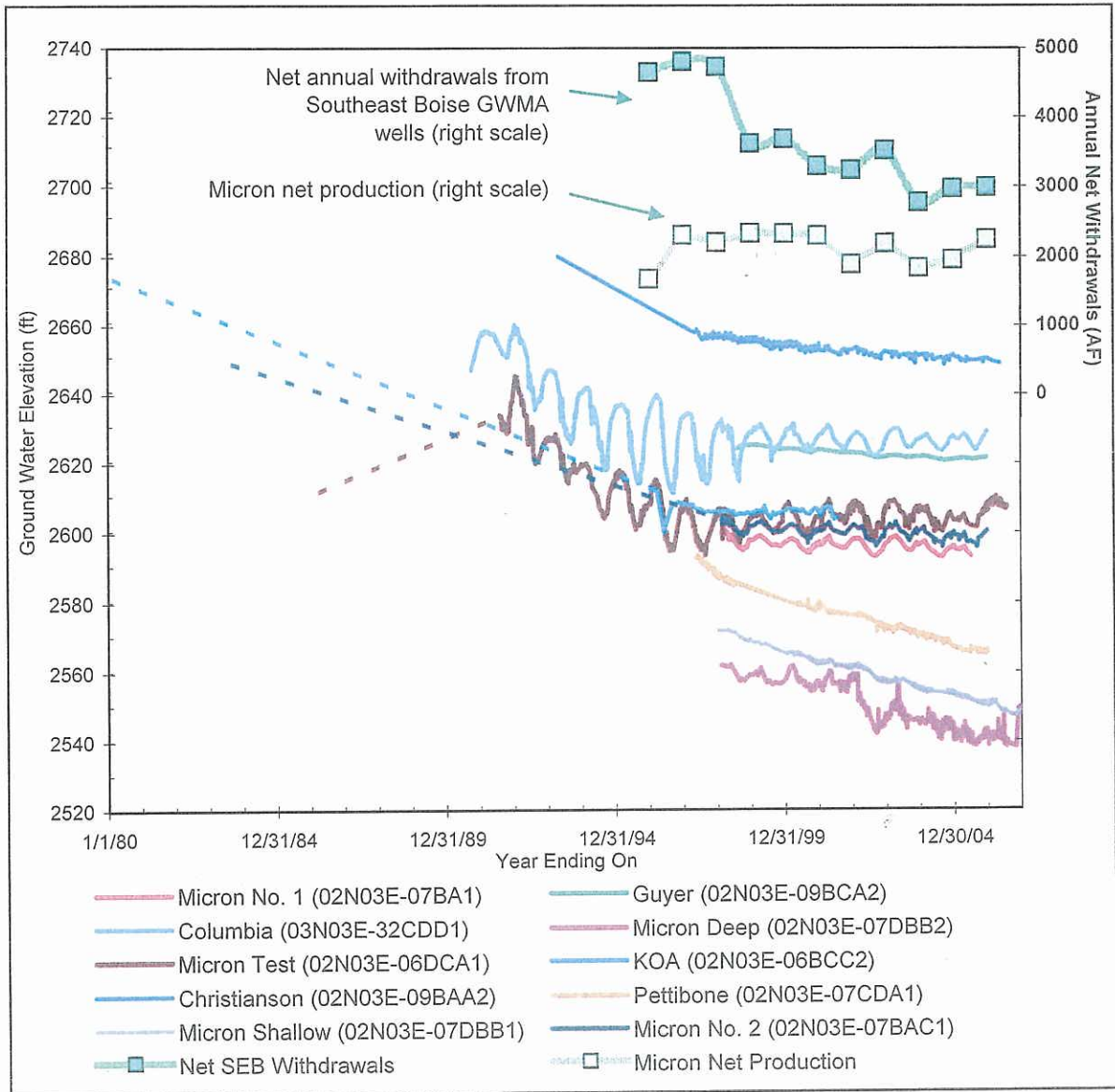
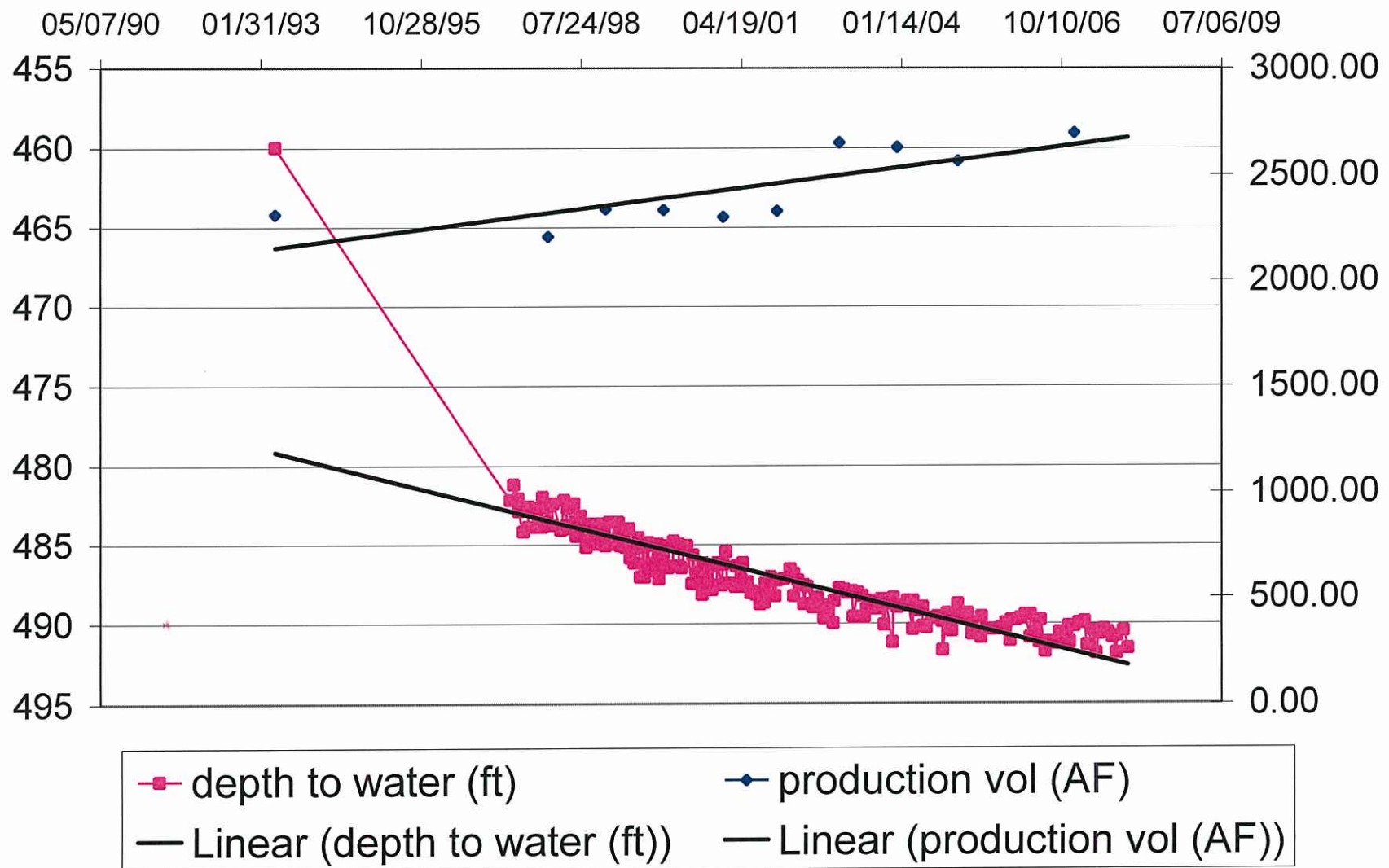


Figure 5: Comparison of Micron vicinity hydrographs and net Southeast Boise GWMA withdrawals.

Well 02N03E-09BAA2 with net Micron volume out



	Measurement Date	Volume (AF)	Depth to Water (feet)	Site Status	Measuring Agency	
	5/1/1993	2308.00	460		Driller	
	5/9/1997		482.2		USGS	
	5/29/1997		481.2		Consultant	
	6/26/1997		482.1		Consultant	
	6/30/1997		482.9		USGS	
	7/29/1997		484.2		USGS	
	8/27/1997		483.9		USGS	
	8/28/1997		482.6		Consultant	
	9/25/1997		482.8		Consultant	
	9/26/1997		483.9		USGS	
	10/31/1997		482.7		Consultant	
	11/21/1997		483.9		USGS	
	11/26/1997		482		Consultant	
	12/24/1997		483.6		USGS	
	12/29/1997	2204.00	482.6	-0.4	Consultant	
	1/22/1998		483.8		USGS	
	1/30/1998		482.4		Consultant	
	3/20/1998		484.1		USGS	
	4/8/1998		482.2		Consultant	
	4/23/1998		483.8		USGS	
	4/30/1998		482.7		Consultant	
	5/18/1998		482.6		Consultant	
	5/20/1998		484		USGS	
	5/28/1998		482.5		Consultant	
	6/9/1998		482.4		Consultant	
	6/24/1998		484.5		USGS	
	7/9/1998		483.5		Consultant	
	7/21/1998		483.2		Consultant	
	8/25/1998		485.2		USGS	
	8/31/1998		484.7		Consultant	
	9/15/1998		483.8		Consultant	
	9/30/1998		483.7		Consultant	
	10/1/1998		485		USGS	
	10/20/1998		484.1		Consultant	
	10/29/1998		485		USGS	
	11/20/1998		483.7		Consultant	
	11/27/1998		484.9		USGS	
	12/17/1998		483.8		Consultant	
	12/23/1998	2334.00	485.1	-2.5	USGS	
	1/13/1999		483.6		Consultant	
	1/29/1999		485		USGS	
	2/19/1999		483.6		Consultant	
	2/25/1999		484.9		USGS	
	3/15/1999		483.6		Consultant	
	3/24/1999		485.1		USGS	
	4/15/1999		484.3		Consultant	
	4/28/1999		485.2		USGS	

	5/19/1999		484		Consultant	
	5/27/1999		485.9		USGS	
	6/15/1999		485.3		Consultant	
	6/21/1999		486.2		USGS	
	7/15/1999		484.6		Consultant	
	7/29/1999		487.1		USGS	
	8/16/1999		485.2		Consultant	
	8/25/1999		487.1		USGS	
	9/17/1999		484.9		Consultant	
	9/22/1999		486.7		USGS	
	10/27/1999		485.1		Consultant	
	10/28/1999		486.2		USGS	
	11/16/1999		485		Consultant	
	11/22/1999		487.2		USGS	
	12/13/1999		486.4		USGS	
	12/20/1999	2330.00	485.6	-0.5	Consultant	
	1/17/2000		485.1		Consultant	
	1/18/2000		486.5		USGS	
	2/15/2000		486.4		USGS	
	2/21/2000		484.8		Consultant	
	3/23/2000		485		Consultant	
	3/27/2000		486.4		USGS	
	4/11/2000		486.5		USGS	
	4/26/2000		485.3		Consultant	
	5/15/2000		485.1		Consultant	
	6/16/2000		487.5		USGS	
	6/21/2000		485.7		Consultant	
	7/10/2000		487.5		USGS	
	7/18/2000		486.8		Consultant	
	8/18/2000		488.2		USGS	
	8/22/2000		486.2		Consultant	
	9/19/2000		487.1		Consultant	
	9/28/2000		487.7		USGS	
	10/16/2000		486.4		Consultant	
	10/17/2000		487.9		USGS	
	11/15/2000		487.6		USGS	
	11/22/2000		486.2		Consultant	
	12/16/2000		487.6		USGS	
	12/27/2000	2297.00	486.3	-0.7	Consultant	
	1/11/2001		485.5		Consultant	
	1/23/2001		487.5		USGS	
	2/13/2001		487.5		USGS	
	3/13/2001		487.7		USGS	
	3/19/2001		486.4		Consultant	
	4/20/2001		487.2		USGS	
	4/27/2001		486.2		Consultant	
	5/17/2001		487.7		USGS	
	5/25/2001		487.4		Consultant	
	6/18/2001		488.1		USGS	
	6/22/2001		488		Consultant	
	7/17/2001		488.1		USGS	
	7/18/2001		488.2		Consultant	

	8/13/2001		488.8		USGS	
	8/29/2001		488.1		Consultant	
	9/10/2001		488.7		USGS	
	9/14/2001		487.5		Consultant	
	10/17/2001		487.1		Consultant	
	11/16/2001		488.3		USGS	
	11/27/2001	2326.00	487.3	-1	Consultant	
	1/10/2002		487.2		Consultant	
	2/18/2002		486.6		Consultant	
	3/12/2002		486.9		Consultant	
	3/13/2002		488.3		USGS	
	4/8/2002		487.3		Consultant	
	5/13/2002		487.6		Consultant	
	5/14/2002		488.8		USGS	
	6/3/2002		487.7		Consultant	
	7/11/2002		489		Consultant	
	8/8/2002		488.4		Consultant	
	9/16/2002		489.7		USGS	
	9/26/2002		488.9		Consultant	
	10/10/2002		489.4		Consultant	
	11/14/2002		490		USGS	
	11/20/2002		488.6		Consultant	
	12/20/2002	2647.00	487.8	-0.5	Consultant	
	1/20/2003		487.9		Consultant	
	2/12/2003		488.1		Consultant	
	3/11/2003		488		Consultant	
	3/18/2003		489.6		USGS	
	4/16/2003		488.1		Consultant	
	5/13/2003		488.3		Consultant	
	5/28/2003		489.6		USGS	
	6/9/2003		489.1		Owner	
	7/21/2003		488.6		Consultant	
	8/14/2003		489.1		Consultant	
	9/9/2003		488.5		Consultant	
	9/26/2003		490.1		USGS	
	10/10/2003		488.8		Consultant	
	11/18/2003		491.2		USGS	
	11/25/2003		488.4		Owner	
	12/17/2003	2626.00	489	-1.2	Consultant	
	1/13/2004		488.9		Consultant	
	2/20/2004		488.6		Consultant	
	3/24/2004		490.4		USGS	
	3/25/2004		488.6		Consultant	
	4/26/2004		489.2		Consultant	
	5/25/2004		489		Consultant	
	5/27/2004		490.2		USGS	
	6/17/2004		490.3		Consultant	
	7/20/2004		489.7		Owner	
	8/24/2004		489.6		Consultant	
	9/23/2004		489.9		Consultant	
	9/27/2004		491.7		USGS	
	10/26/2004		489.4		Consultant	

	11/23/2004		490.5		USGS	
	11/26/2004		489.4		Consultant	
	12/31/2004	2562.00	488.8	0.2	Consultant	
	1/31/2005		489.6		Consultant	
	2/28/2005		489.4		Consultant	
	3/30/2005		490.7		USGS	
	3/31/2005		490		Consultant	
	4/22/2005		490.6		Consultant	
	5/24/2005		490.9		USGS	
	5/27/2005		489.6		Consultant	
	6/29/2005		490.4		Consultant	
	7/26/2005		490.4		Consultant	
	8/24/2005		490.4		Consultant	
	9/29/2005		490.3		Consultant	
	10/27/2005		490		Consultant	
	11/23/2005		491.1		USGS	
	11/30/2005		489.8		Consultant	
	12/29/2005	2665.00	489.8	-1	Consultant	
	1/25/2006		489.7		Consultant	
	2/23/2006		489.5		Consultant	
	3/27/2006		490.9		USGS	
	3/30/2006		489.5		Consultant	
	4/28/2006		490.6		Consultant	
	5/24/2006		491.2		USGS	
	5/30/2006		489.8		Consultant	
	6/29/2006		491.8		Consultant	
	7/28/2006		491.2		Consultant	
	8/31/2006		491.3		Owner	
	9/15/2006		491.3		USGS	
	9/27/2006		490.6		Owner	
	10/27/2006		490.6		Consultant	
	11/22/2006		490.2		Consultant	
	11/28/2006		491.2		USGS	
	12/28/2006	2693.00	490.2	-0.4	Consultant	
	1/26/2007		490		Consultant	
	3/1/2007		489.9		Consultant	
	3/19/2007		491.4		USGS	
	4/25/2007		490.5		Consultant	
	5/14/2007		491.9		USGS	
	5/29/2007		490.7		Owner	
	6/29/2007		490.4		Consultant	
	7/26/2007		490.6		Consultant	
	8/24/2007		490.9		Consultant	
	9/18/2007		491.9		USGS	
	9/21/2007		490.8		Consultant	
	10/31/2007		490.5		Consultant	
	11/28/2007		491.6	-1.4	USGS	

ANNUAL SUMMARY OF GROUND WATER CONDITIONS IN THE SOUTHEAST BOISE GROUND WATER MANAGEMENT AREA CALENDAR YEAR 2006

This report describes the ground water conditions in and around the Southeast Boise Ground Water Management Area (GWMA) based on the ground water level observation network established in spring 2000 under the guidance of the Southeast Boise Ground Water Advisory Committee. The network is a coordinated effort among Micron Technologies, Inc., United Water Idaho, and the Idaho Department of Water Resources (IDWR). J. R. Simplot Co. also provides access to some wells. Each cooperator submits water level data to IDWR and is maintained in a single database.

Status of Monitoring Network

The monitoring network has remained stable during the several years with 21 monitoring sites (see Figure 1). Monitoring frequency is monthly or quarterly. Data from all cooperators is submitted electronically to IDWR. Beginning in 2007, IDWR will update the database bi-monthly, rather than the semi-annual cycle. Due to problems with the transducers, only one well has a working transducer. It does not appear that this has caused a decline in the quality of the information or difficulty in monitoring the water level trends.

The new well at the Blacks Creek Rest Area has been completed. Terry Scanlan, SPF Water Inc., supervised the installation of a measuring tube, which was a condition of the water right permit. The old well at the rest area had a new pump installed recently. An airline has been installed, but unfortunately, a measuring tube was not. Water levels in the two wells are similar and the new well will be added to the network during 2007. Mr. Scanlan has identified several wells in the vicinity of Blacks Creek Reservoir that may be good candidates for adding to the monitoring network. Those sites will be investigated in June. The location of these sites, along with the rest area, would provide useful information about ground water level conditions south and east of the designated GWMA boundary.

No other changes are anticipated during the next year.

Ground Water Level Trends

Ground water level hydrographs for wells in the network are shown in Figures 2 and 3. Figure 4 shows hydrographs for six wells in greater detail for the period 1995 through 2006.

Ground water level trends show a mix of conditions. Most wells show stable or increasing water levels. Water levels in the Pioneer well have declined slightly over the previous years. Several wells shown on Figure 4 show significant changes in water levels during 2006. According to Brian Brown, Micron, Inc., these fluctuations are a result of the changes in the system that accompanied the use of the new production

well, Well #6. Micron Test Well is within 1,100 feet of the new production well and shows a marked decrease as a direct result of the new pumping. Micron Shallow and Micron Deep wells show rising water levels due to increased injection in their proximity. Monitoring during 2007 will demonstrate if these changes are short term or if they reflect long-term changes to the trends.

Water levels in several wells show changes in their annual cycles. Oregon Train, Columbia Test, and Micron No. 2 wells have multiple peaks during the year: (see Figure 4). Previously, these wells appeared to have a single annual peak. These altered annual trends may be a result of the new monitoring frequency. Several of these wells are monitored monthly; previously, Columbia Test and Micron No. 2 had transducers installed for continuous monitoring.

Recommendations

The network will benefit from adding monitoring sites around the perimeter of the designated boundaries. IDWR continues to investigate potential additions to the network. I anticipate that additional of the new Blacks Creek well, and perhaps one or two other sites south-southeast of the GWMA.

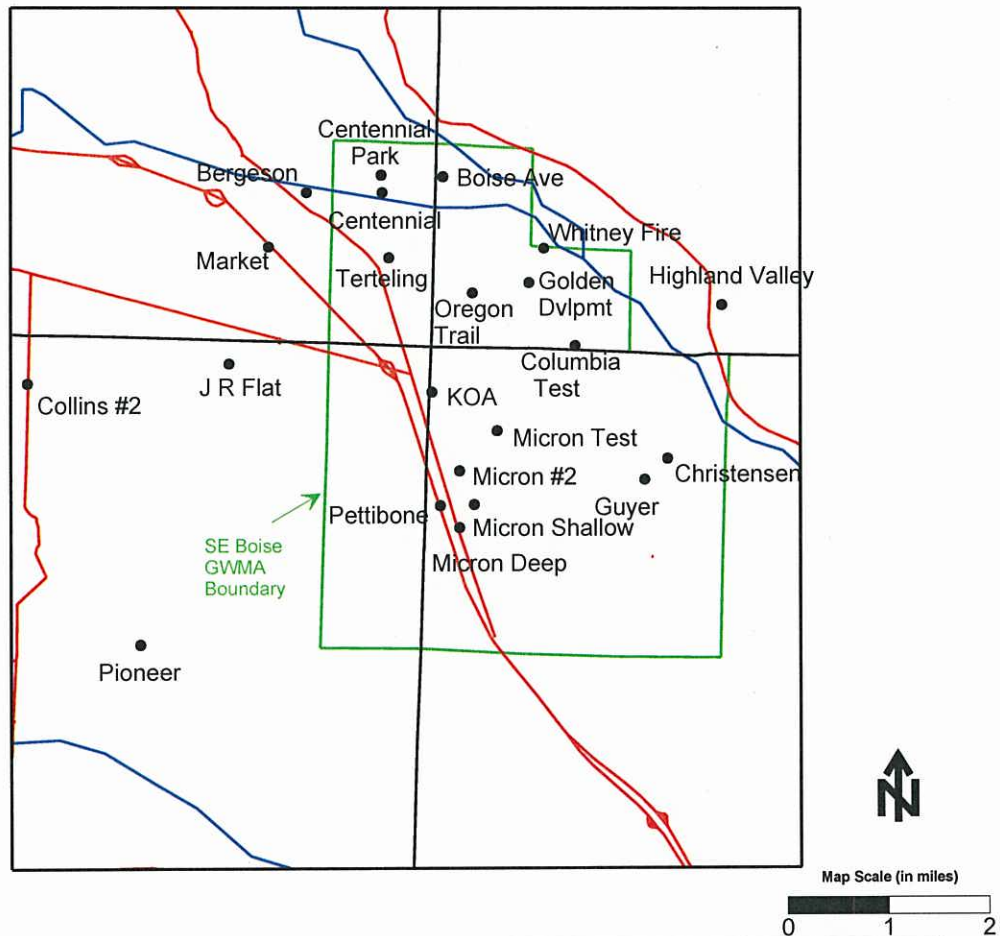
The network will continue to be measured at the current frequencies.

Figures

1. Map of Observation Well Network as of 2006
2. Selected Hydrographs, 1970-2006 (North)
3. Selected Hydrographs, 1970-2006 (South)
4. Selected Hydrographs, 1995-2006

Prepared by Helen Harrington, IDWR Hydrology Section, 4/2007

SOUTHEAST BOISE GROUND WATER MANAGEMENT AREA Monitoring Network 2006



2006 Monitoring Sites

02N02E-02BBC2	J R FLAT	03N02E-25BDA1	CENTENNIAL PARK
02N02E-04CAA1	COLLINS #2 (EAST)	03N02E-25CAA1	CENTENNIAL
02N02E-22BBB1	PIONEER	03N02E-26DBA1	BERGESON
02N03E-06DCA1	MICRON TEST #1	03N02E-35BAB1	MARKET
02N03E-07BAC1	MICRON TEST #2	03N02E-36ABC1	TERTELING
02N03E-07CDA1	PETTIBONE	03N03E-30BCBD1	E BOISE AVE
02N03E-07DBB1	MICRON SHALLOW OBS	03N03E-31ADD1	GOLDEN DEVELOPMENT
02N03E-07DBB2	MICRON DEEP OBS	03N03E-31BDD1	OREGON TRAIL
02N03E-09BAA2	CHRISTENSEN	03N03E-32BBA1	WHITNEY FIRE
02N03E-09BCA2	GUYER	03N03E-32CDD1	COLUMBIA TEST
		03N03E-33DAA1	HIGHLAND VALLEY RD

IDWR/hh 4/2007

Figure 1

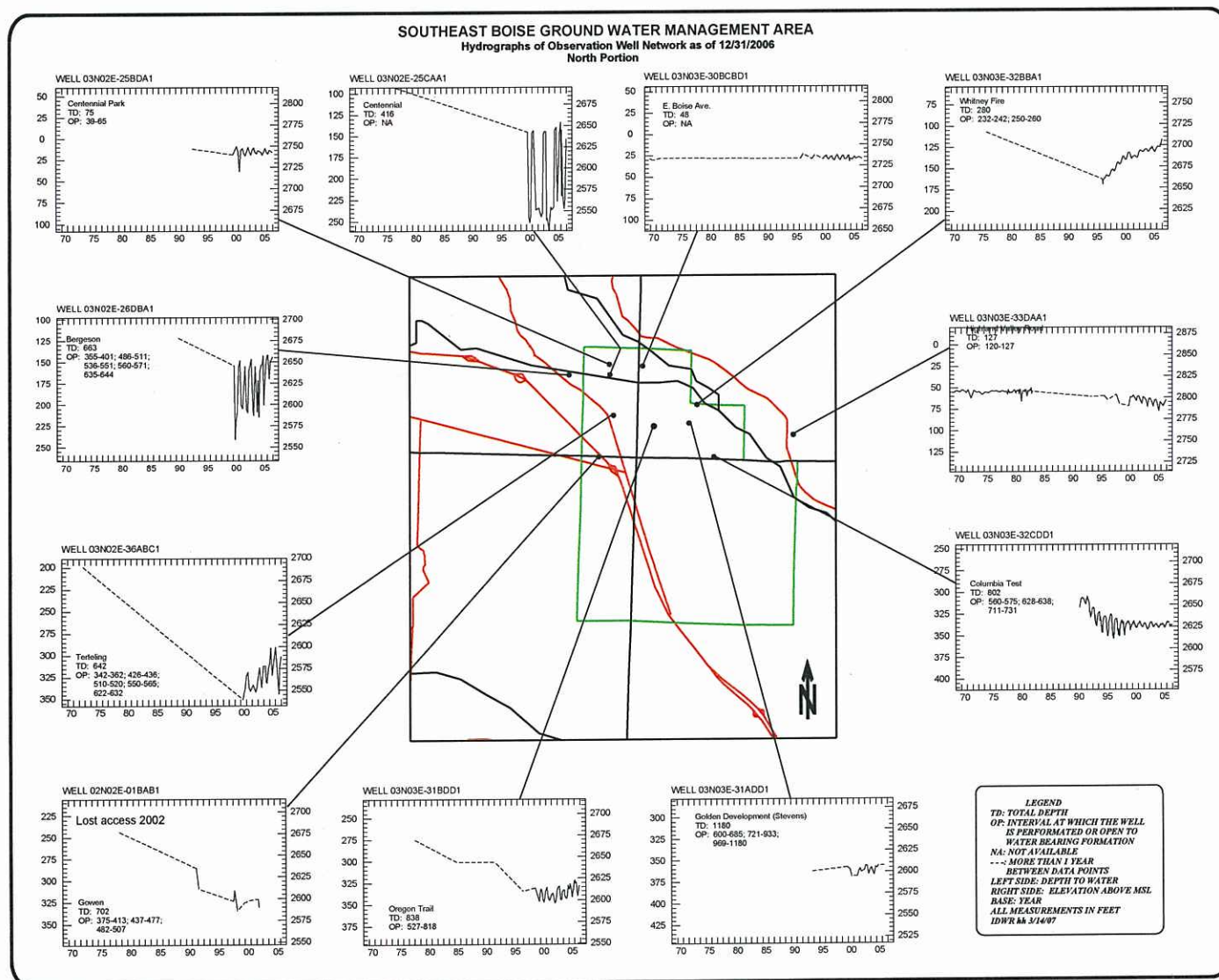


Figure 2

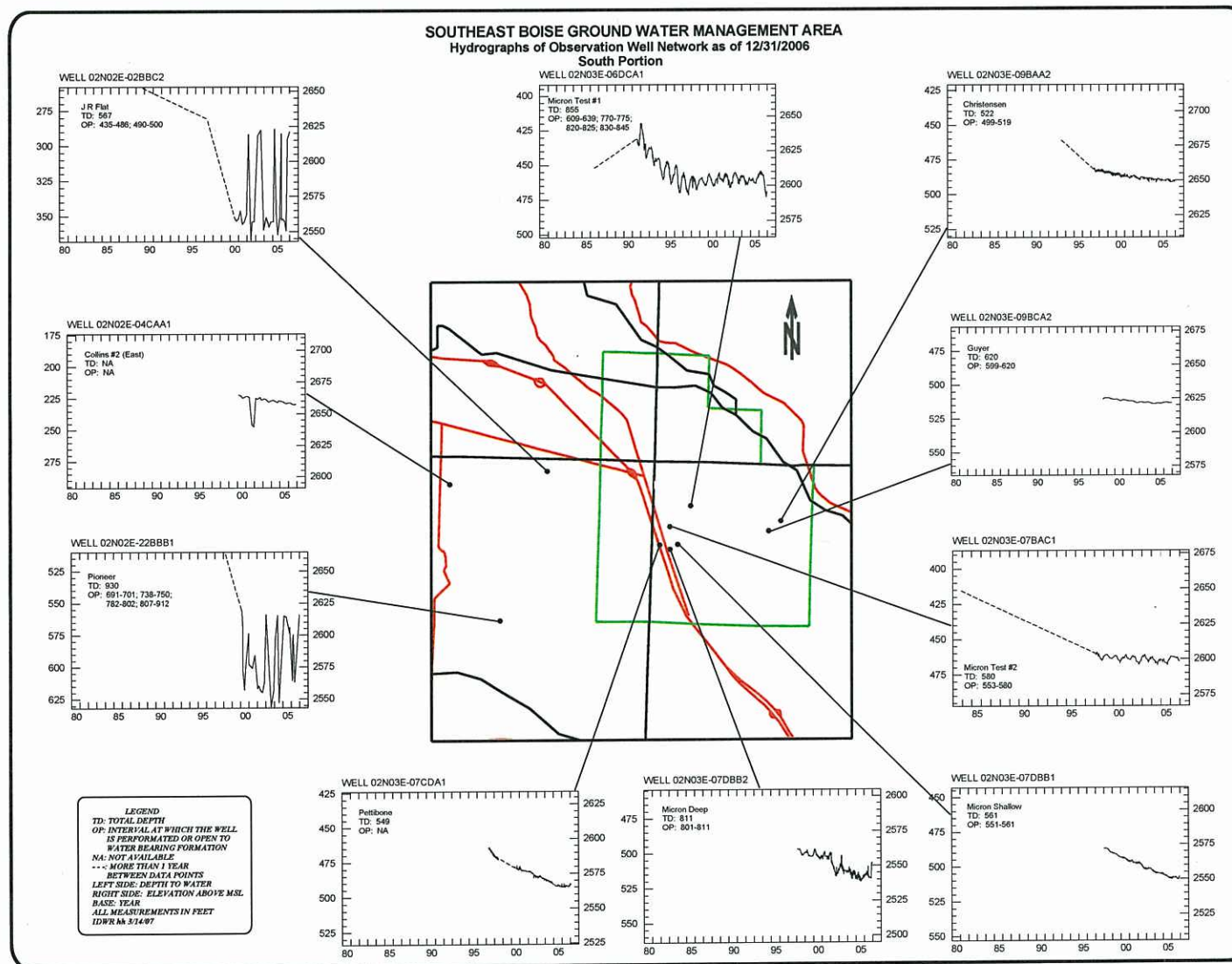


Figure 3

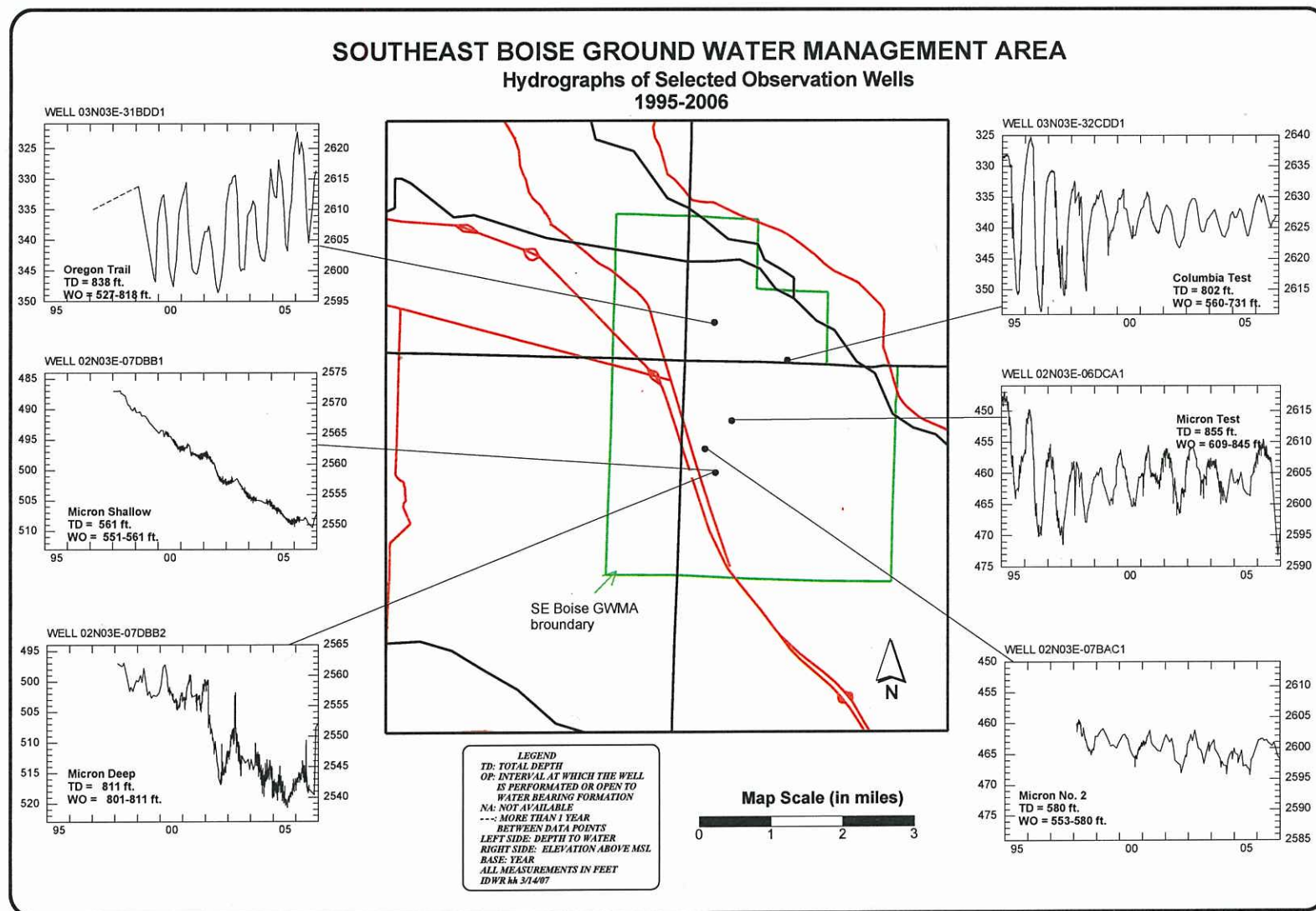


Figure 4

**ANNUAL SUMMARY OF
GROUND WATER CONDITIONS
IN THE
SOUTHEAST BOISE GROUND WATER MANAGEMENT AREA
CALENDAR YEAR 2005**

This report describes the ground water conditions in and around the Southeast Boise Ground Water Management Area (GWMA) based on the ground water level observation network established in spring 2000 under the guidance of the Southeast Boise Ground Water Advisory Committee. The network is a coordinated effort among Micron Technologies, Inc., United Water Idaho, and the Idaho Department of Water Resources (IDWR). J. R. Simplot Co. also provides access to some wells. Each cooperator submits water level data to IDWR and is maintained in a single database.

Status of Monitoring Network

The network has 21 monitoring sites. The network is unchanged from last year. Water levels are measured on varying frequencies, generally monthly or quarterly. A map of the current network is shown at Figure 1.

IDWR no longer duplicates monitoring with Micron. Previously, IDWR staff participated with Micron staff for quarterly monitoring of selected wells monitored by Micron. This practice was eliminated in 2005. Data from all cooperators are submitted electronically to IDWR semi-annually (January and July).

Two wells are proposed for construction in the near future that will be added to the monitoring network once they are completed. A new well is planned as part of the reconstruction of the Blacks Creek Rest Area. A new well is also planned at the proposed landfill south of Kuna-Mora Road near Blacks Creek Reservoir. Water rights for both wells include conditions that require installation of monitoring tubes to allow for measurement of water levels. These wells are located south of the GWMA and will provide data that may help to identify the boundaries of ground water impacts in the vicinity of the GWMA.

Ground Water Level Trends

Ground water level hydrographs for wells in the network are shown in Figures 2 and 3. Figure 4 shows hydrographs for six wells in greater detail for the period 1995 through 2005.

Wells with water levels between approximately 2,600- to 2,700-foot elevation are generally stable or increasing. These wells include Oregon Trail, Columbia Test, Bergeson, and Micron Test. The exception is the Collins Well, located west of the GWMA. This well has a slightly declining water level trend. The well construction is unknown which makes the basis for different trend difficult to determine.

Water levels at an elevation below 2,600 feet and to the south are continuing to decline. These wells include Micron Shallow, Micron Deep and Pettibone. An exception is Terteling well. This exception may be the result of a composite water level due to well openings that combines inflow from producing zones both above and below 2,600-foot elevation. The continuing declines in the deeper zones may indicate a delay in recovery due to the depth. Continued managed recharge by Micron and increased natural recharge due to wetter weather conditions may be reflected in future trends.

Wells with water level elevations higher than 2700 feet are generally not representative of the regional aquifer trends. These are usually associated with perched zones near the Boise River. These monitoring sites are maintained for long-term trend information.

Recommendations

There are no recommendations for changes to the network at this time. The network will continue to be measured at the current quarterly frequency. Construction of additional monitoring wells will be tracked and sites will be added as available.

Figures

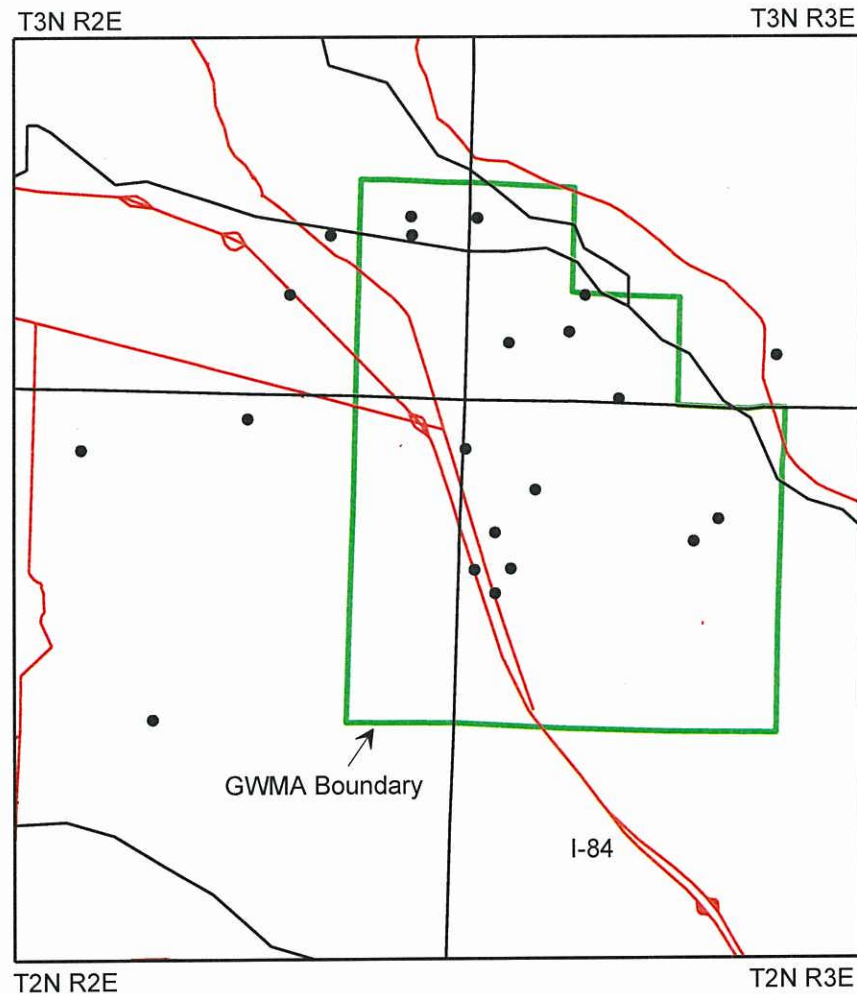
1. Map of Observation Well Network as of 2004
2. Selected Hydrographs, 1970-2005 (North)
3. Selected Hydrographs, 1970-2005 (South)
4. Selected Hydrographs, 1995-2005

Prepared by Helen Harrington, IDWR Hydrology Section, 5/2006

SOUTHEAST BOISE GROUND WATER MANAGEMENT AREA

Observation Network, 2004

Well Number	Common Name
02N02E-02BBC2	J R Flat
02N02E-04CAA1	Collins #2 (East)
02N02E-22BBB1	Pioneer
02N03E-06DCA1	Micron Test
02N03E-07BAC1	Micron No. 2
02N03E-07CDA1	Pettibone
02N03E-07DBB1	Micron Shallow Obs
02N03E-07DBB2	Micron Deep Obs
02N03E-09BAA2	Christensen
02N03E-09BCA2	Guyer
03N02E-25BDA1	Centennial Park
03N02E-25CAA1	Centennial (UWI)
03N02E-26DBA1	Bergeson
03N02E-35BAB1	Market
03N02E-36ABC1	Terteling
03N03E-30BCBD1	2520 E. Boise Avenue
03N03E-31ADD1	Golden Development
03N03E-31BDD1	Oregon Trail
03N03E-32BBA1	Whitney Fire
03N03E-32CDD1	Columbia Test
03N03E-33DAA1	4049 Highland Valley



Map Scale (in miles)



IDWR hh 4/2005

Figure 1

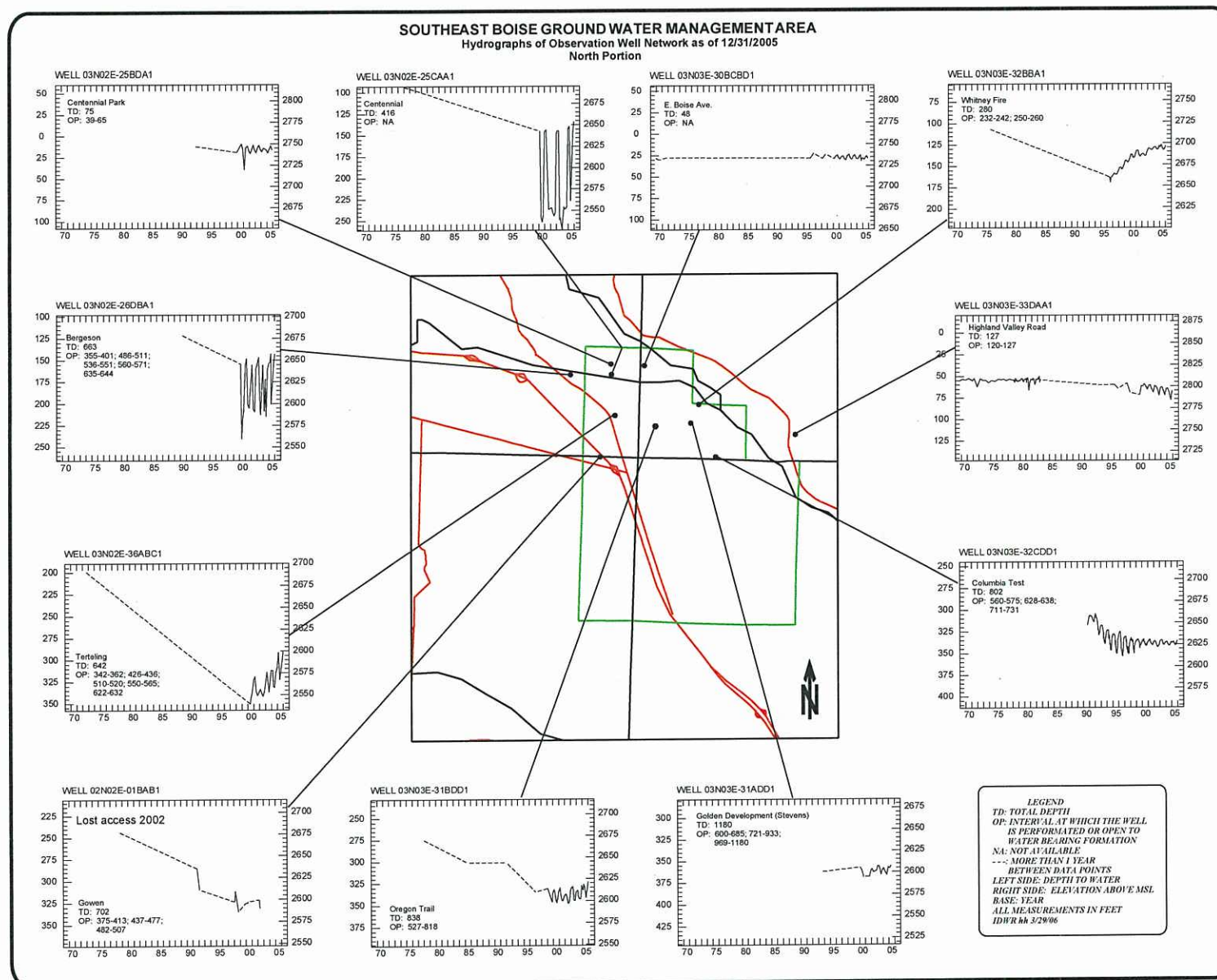


Figure 2

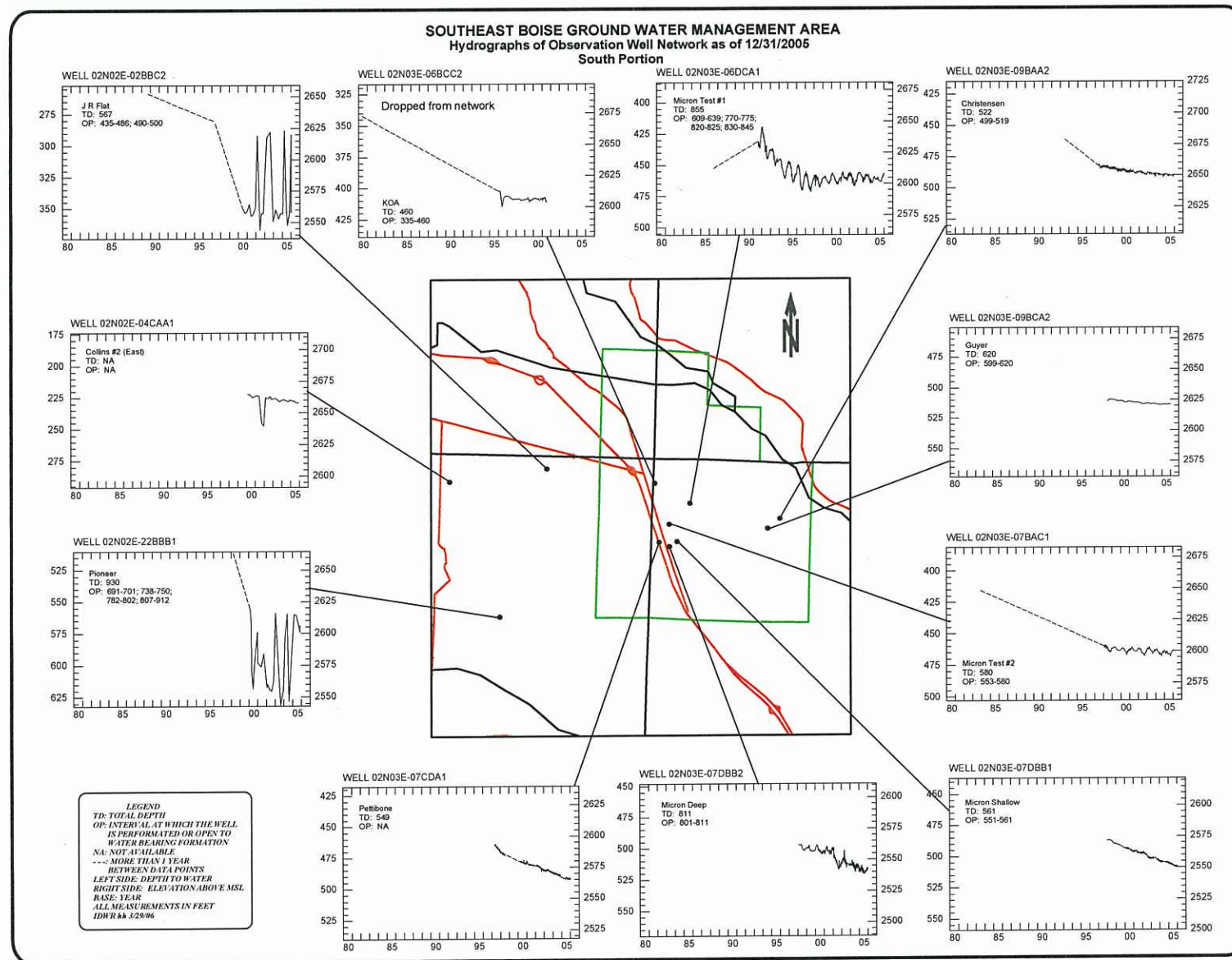


Figure 3

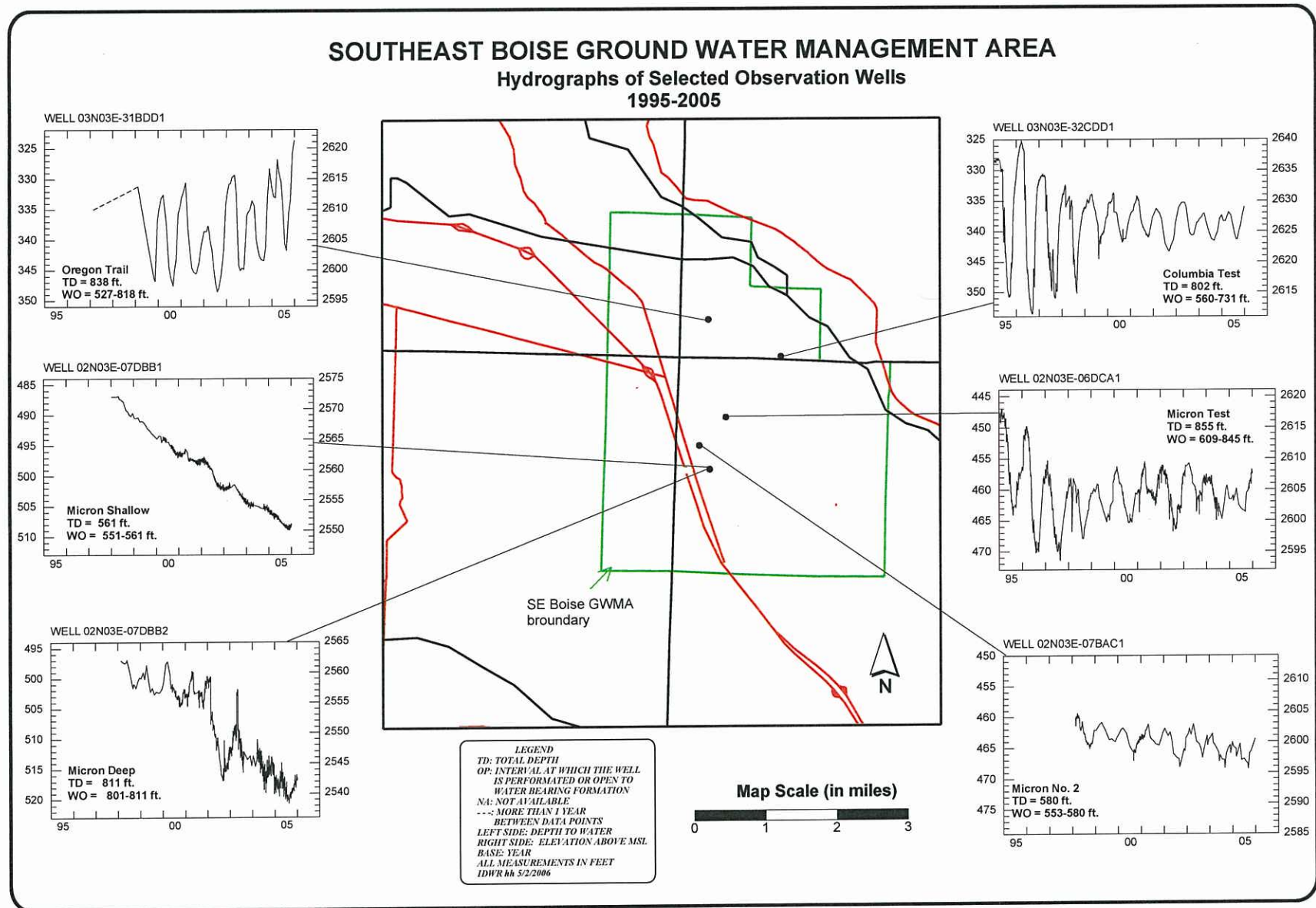


Figure 4

**ANNUAL SUMMARY OF
GROUND WATER CONDITIONS
IN THE
SOUTHEAST BOISE GROUND WATER MANAGEMENT AREA
CALENDAR YEAR 2004**

This report describes the ground water conditions in and around the Southeast Boise Ground Water Management Area based on the ground water level observation network established in spring 2000 under the guidance of the Southeast Boise Ground Water Advisory Committee. The network is a coordinated effort among Micron Technologies, Inc., United Water Idaho and the Idaho Department of Water Resources (IDWR). J. R. Simplot Co. also provides access to some wells. Each entity provides water level data that is compiled and maintained at IDWR.

Status of Monitoring Network

The network has 21 monitoring sites. All sites are existing wells; none are dedicated observation wells, although some are currently unused. Water levels are measured on varying frequencies, generally monthly or quarterly. A map of the current network is shown at Figure 1.

The KOA observation well has been dropped from the network. Efforts to return the well to the network were stalled by lack of funds to install a measuring tube. The committee and technical advisors had requested that a measuring tube be installed if the down-hole camera was to be run down the hole. The down-hole camera had been offered by Ed Squires as a service to the committee. Funds to purchase the measurement tube materials were not found for the measuring tube and the effort was abandoned.

Ground Water Level Trends

Ground water level hydrographs for wells in the network are shown in Figures 2 and 3. Figure 4 shows hydrographs for five wells in greater detail for the period 1995 to present.

A water level change map, comparing fall 2003 to fall 2004, is shown in Figure 5. Water level changes during this period range from a decline of 2.7 feet to a rise of 3.9 feet. This compares to changes from 2002 to 2003 which ranged from a decline of 7.0 feet to a rise of 6.3 feet. The mean change throughout the network, excluding pumping levels, is a decline of 0.28 feet. Figure 6 shows ground water elevations for selected wells in the monitoring network.

It has been noted in the past there appears to be two different trends occurring. Wells with water levels below 2,600-foot elevation have continued to decline. These wells include Micron Deep, Micron Shallow and Pettibone. Wells with levels above 2,600 foot elevation appear to be stabilizing or have much more gradual declines than in the past.

A discussion in the Annual Report of 2001 discussed the concept of a clay layer around 2,500 foot elevation that acted as a leaky aquitard which was causing different water level trends in wells with openings above and below the clay layer. This explanation does not account for the relative stabilization of wells with similar well opening elevations (Columbia Test and Micron Test #1) while the above mentioned wells continue to decline. These wells have openings below 2,500-foot elevation. However, the openings are not as deep as Micron Deep, Shallow and Pettibone. It is possible that the water levels for wells with openings below the envisioned leaky aquitard at 2,500-foot are beginning to stabilize, but the impact is only seen in the shallower of these wells. It may be that Columbia and Micron Test # 1 are the leading edge of stabilization in the deeper areas.

Water levels declines have been decreasing and the range of water level change has been narrowing over the past several years, indicating the changes in water use and recharge may be providing the positive impacts anticipated by the committee.

Recommendations

There are no recommendations for changes to the network at this time. The network will continue to be measured at the current frequency. The elimination of continuous recorders on some wells, due to equipment malfunctions, does not seem to be hindering the data collection efforts.

Figures

1. Map of Observation Well Network as of 12/31/2004
2. Selected Hydrographs, 1970-2004 (North)
3. Selected Hydrographs, 1970-2004 (South)
4. Selected Hydrographs, 1995-Present
5. Ground Water Changes, Fall 2003 Compared to Fall 2004
6. Ground Water Elevations, December 2004

Prepared by Helen Harrington, IDWR Hydrology Section, 4/2005

SOUTHEAST BOISE GROUND WATER MANAGEMENT AREA

Observation Network, 2004

Well Number	Common Name
02N02E-02BBC2	J R Flat
02N02E-04CAA1	Collins #2 (East)
02N02E-22BBB1	Pioneer
02N03E-06DCA1	Micron Test
02N03E-07BAC1	Micron No. 2
02N03E-07CDA1	Pettibone
02N03E-07DBB1	Micron Shallow Obs
02N03E-07DBB2	Micron Deep Obs
02N03E-09BAA2	Christensen
02N03E-09BCA2	Guyer
03N02E-25BDA1	Centennial Park
03N02E-25CAA1	Centennial (UWI)
03N02E-26DBA1	Bergeson
03N02E-35BAB1	Market
03N02E-36ABC1	Terteling
03N03E-30BCBD1	2520 E. Boise Avenue
03N03E-31ADD1	Golden Development
03N03E-31BDD1	Oregon Trail
03N03E-32BBA1	Whitney Fire
03N03E-32CDD1	Columbia Test
03N03E-33DAA1	4049 Highland Valley

Map Scale (in miles)

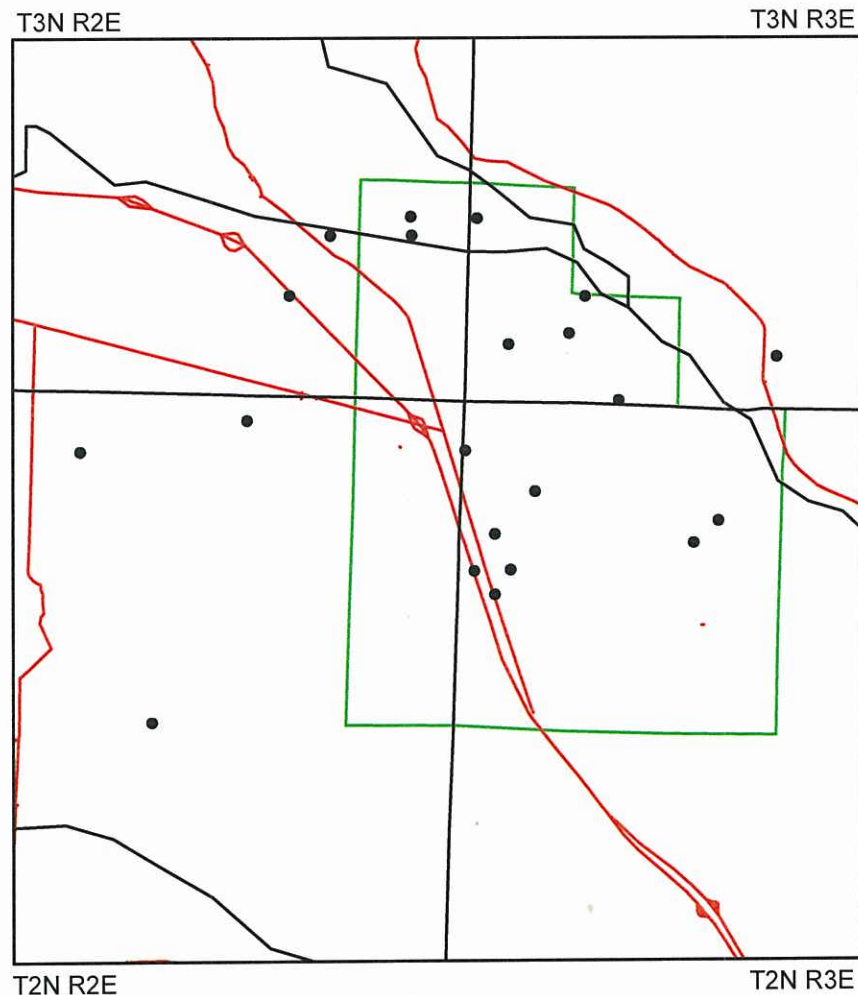
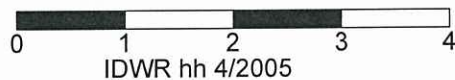


Figure 1

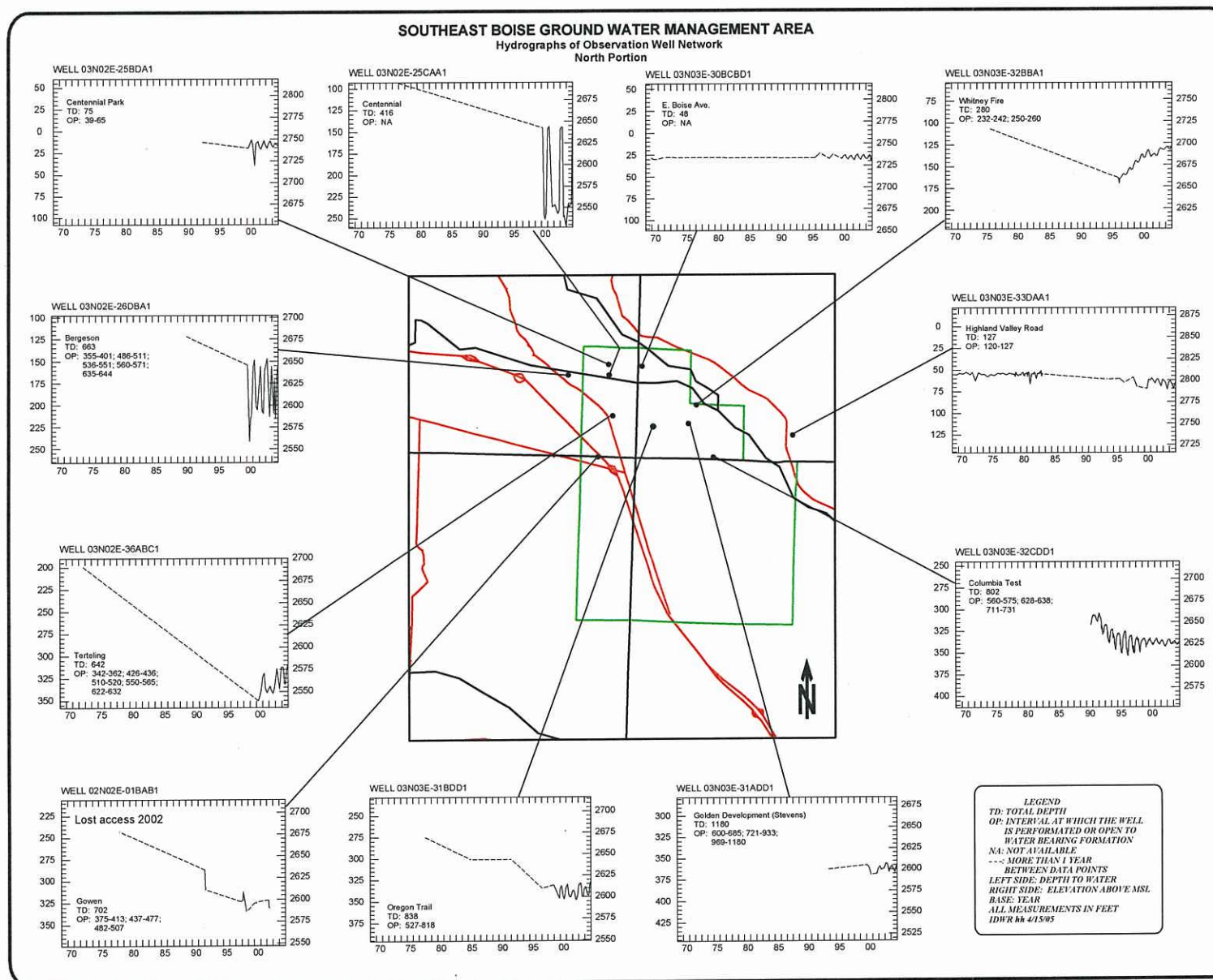


Figure 2

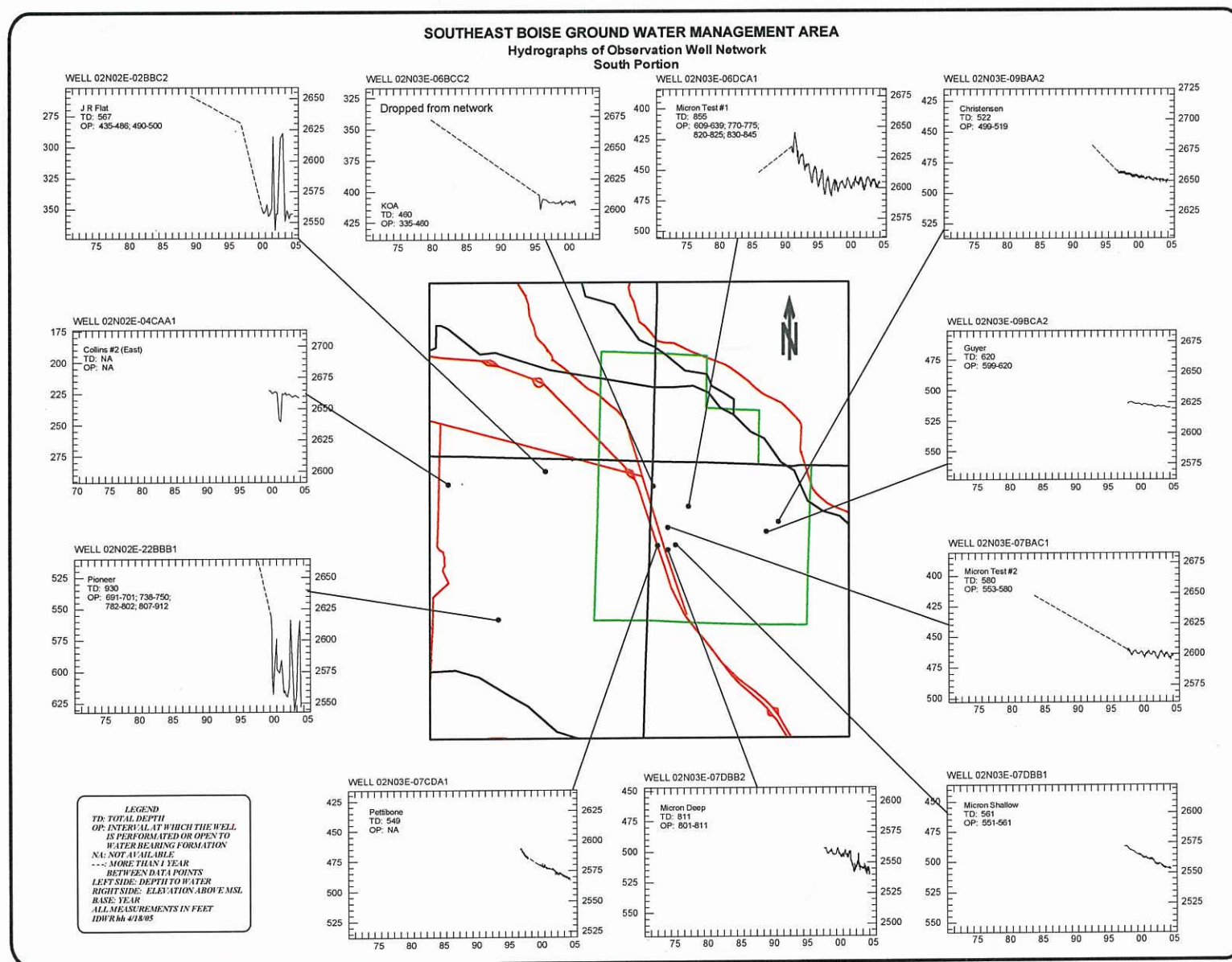


Figure 3

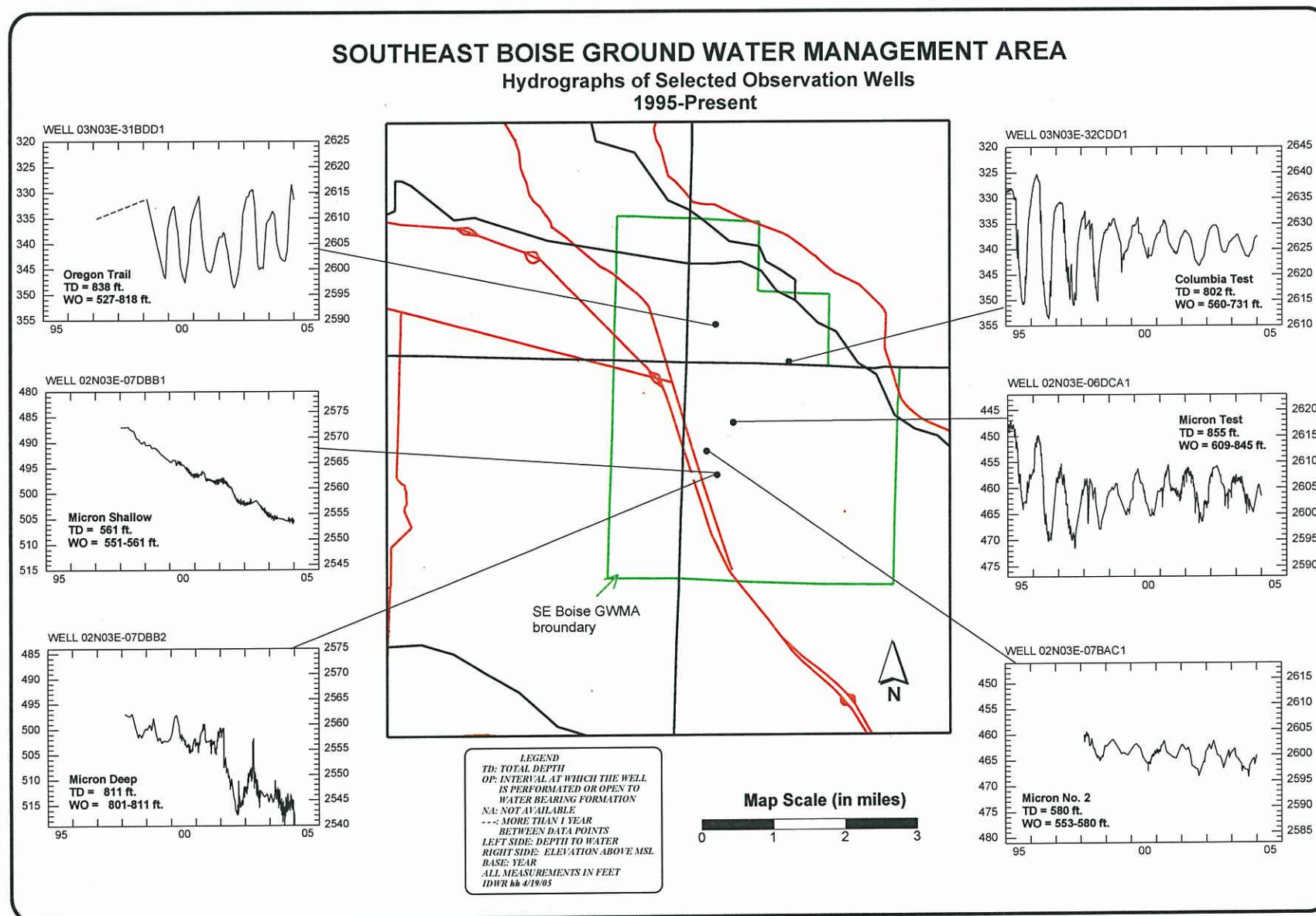


Figure 4

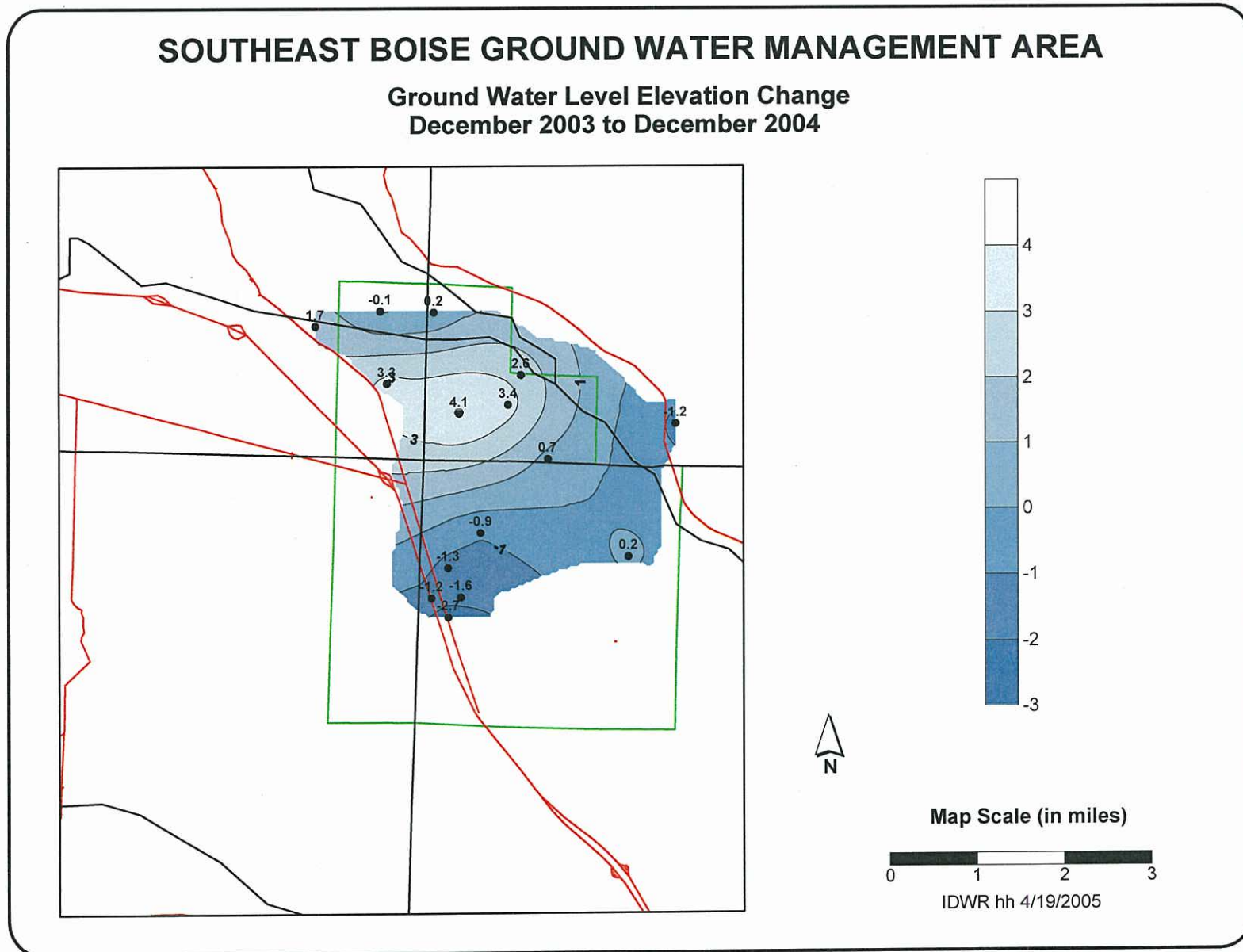


Figure 5

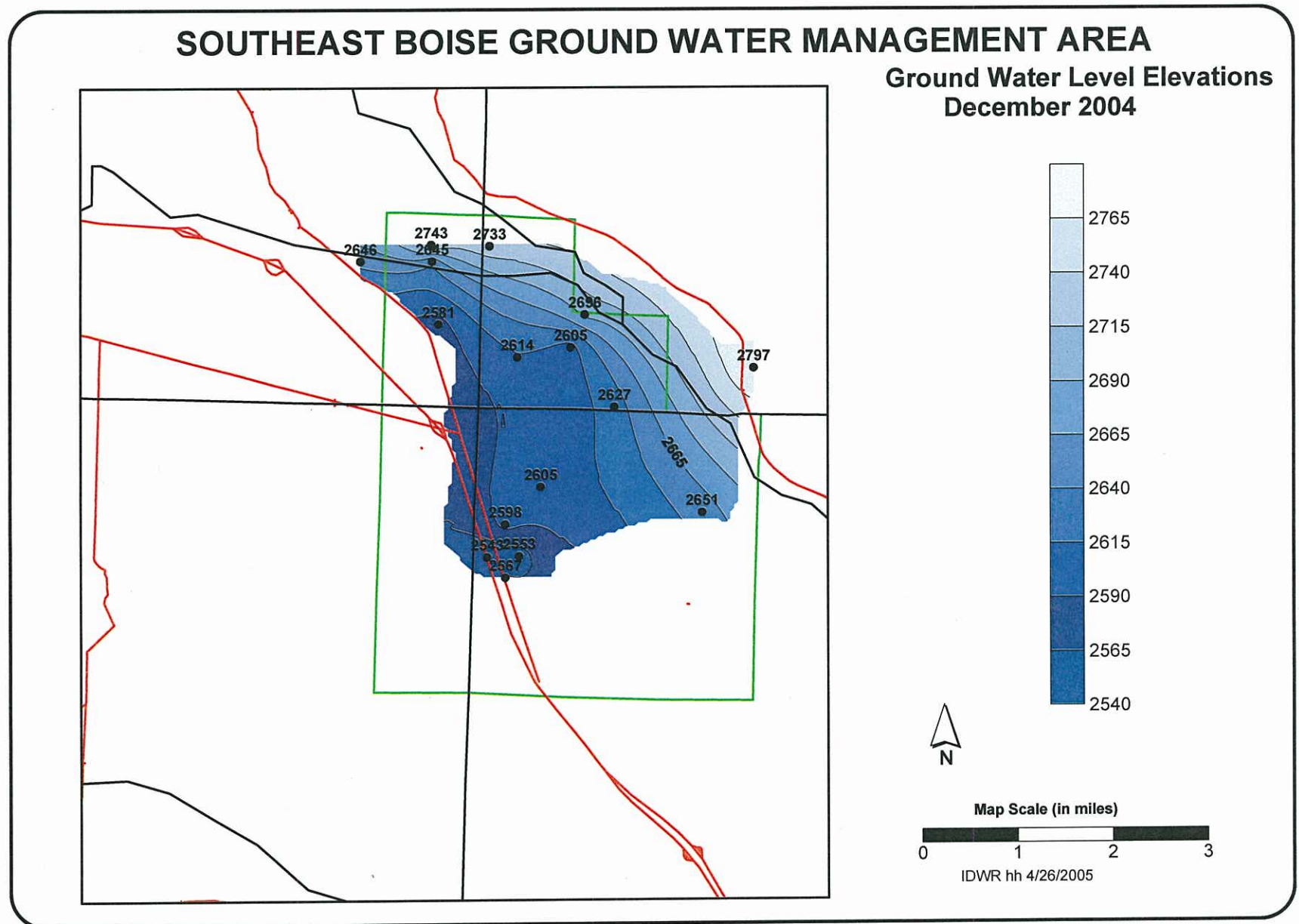


Figure 6

ANNUAL SUMMARY OF GROUND WATER CONDITIONS IN THE SOUTHEAST BOISE GROUND WATER MANAGEMENT AREA CALENDAR YEAR 2003

This report describes the ground water conditions in and around the Southeast Boise Ground Water Management Area based on the ground water level monitoring network established in spring 2000 under the guidance of the Southeast Boise Ground Water Advisory Committee. The network is a coordinated effort among Micron Technologies, Inc., United Water Idaho and the Idaho Department of Water Resources (IDWR). J. R. Simplot Co. also provides access to some wells. Each entity provides water level data that is compiled and maintained at IDWR.

Status of Monitoring Network

The network has 22 monitoring sites. All sites are existing wells; none are dedicated monitoring wells, although some are currently unused. Water levels are measured on varying frequencies, generally monthly or quarterly. A map of the current network is shown at Figure 1.

During 2003, several potential monitoring sites were investigated. At this time, no additional sites have been added due to access or other problems. However, adding sites south and west of the existing network would be useful. Continued effort will be made to locate satisfactory sites and increase the monitoring network.

Time constraints hampered the effort to run a downhole camera and install a measuring tube in the KOA well. I anticipate this will be accomplished before the next annual meeting.

Ground Water Level Trends

Ground water level hydrographs for wells in the network are shown in Figures 2 and 3. Figure 4 shows hydrographs for five wells in greater detail for the period 1995 to present.

Water level changes during the period fall 2002 to fall 2003 range from a decline of 7.0 feet in UWI Pioneer to a rise of 6.3 feet in Whitney Fire. The average change throughout the network, excluding pumping levels, is a decline of 0.06 feet. A water level change map, comparing fall, 2002 to fall, 2003, is shown in Figure 6.

Overall, ground water levels in the Southeast Boise GWMA appear to have generally stabilized. The influence of the Micron Technologies Inc. managed recharge program of surface water injection, begun in April 2001, and other land use changes will be determined through continued monitoring.

Figure 6 shows ground water elevations for selected wells in the monitoring network.

Recommendations

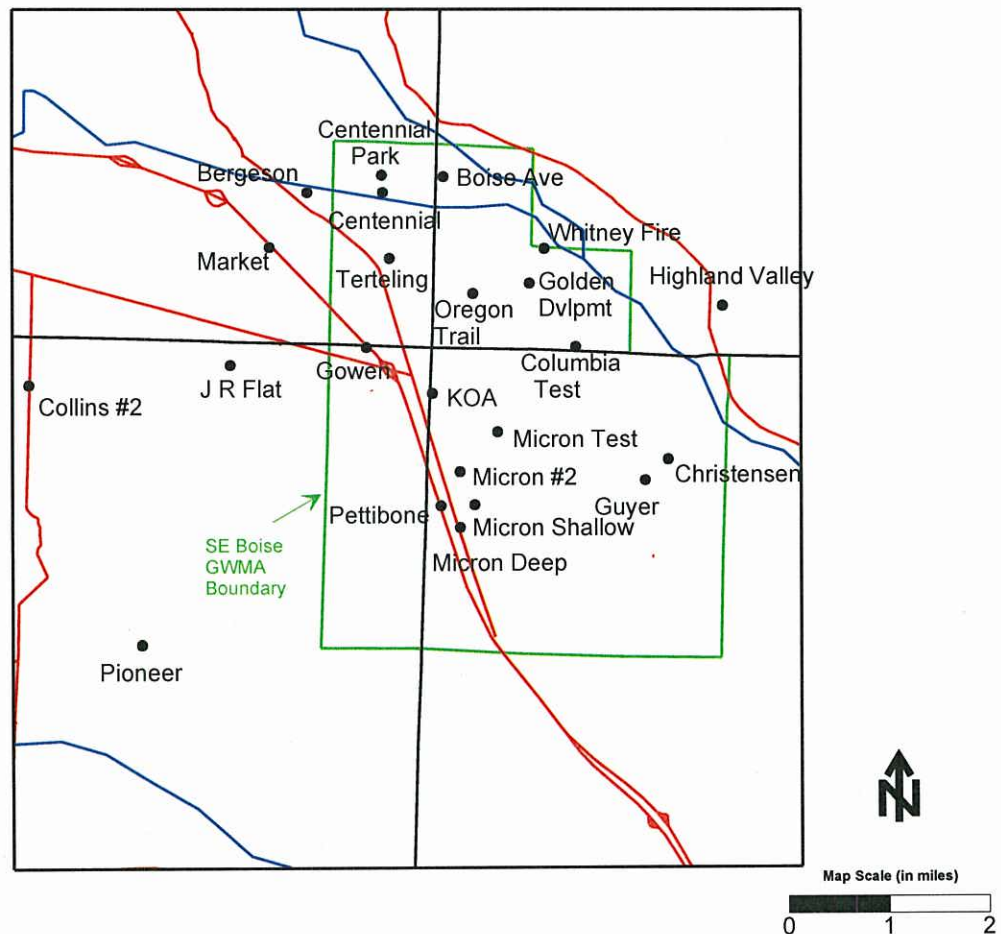
1. Add well at Blacks Creek Rest Area when well is constructed. Initial plans were submitted to IDWR in February 2003, but as of April 2004, no drilling permit has been issued. The water right has been approved and contains a condition that a monitoring tube or other approved monitoring method be installed when the well is completed.
2. Add wells to the south and west of existing network
3. Determine accessibility of KOA well using a down-hole camera. Install measuring tube if accessible.

Figures

1. Map of Observation Well Network as of 12/31/2003
2. Selected Hydrographs, 1970-2003 (North)
3. Selected Hydrographs, 1970-2003 (South)
4. Selected Hydrographs, 1995-Present
5. Ground Water Changes, Fall 2001 Compared to Fall 2003
6. Ground Water Elevations, Fall 2003

Prepared by Helen Harrington, IDWR Hydrology Section, 5/2004

SOUTHEAST BOISE GROUND WATER MANAGEMENT AREA Monitoring Network 2004



2004 Monitoring Sites

02N02E-01BAB1	GOWEN	03N02E-25BDA1	CENTENNIAL PARK
02N02E-02BBC2	J R FLAT	03N02E-25CAA1	CENTENNIAL
02N02E-04CAA1	COLLINS #2 (EAST)	03N02E-26DBA1	BERGESON
02N02E-22BBB1	PIONEER	03N02E-35BAB1	MARKET
02N03E-06DCA1	MICRON TEST #1	03N02E-36ABC1	TERLING
02N03E-07BAC1	MICRON TEST #2	03N03E-30BCBD1	E BOISE AVE
02N03E-07CDA1	PETTIBONE	03N03E-31ADD1	GOLDEN DEVELOPMENT
02N03E-07DBB1	MICRON SHALLOW OBS	03N03E-31BDD1	OREGON TRAIL
02N03E-07DBB2	MICRON DEEP OBS	03N03E-32BBA1	WHITNEY FIRE
02N03E-09BAA2	CHRISTENSEN	03N03E-32CDD1	COLUMBIA TEST
02N03E-09BCA2	GUYER	03N03E-33DAA1	HIGHLAND VALLEY RD

IDWR/hh 5/5/04

Figure 1

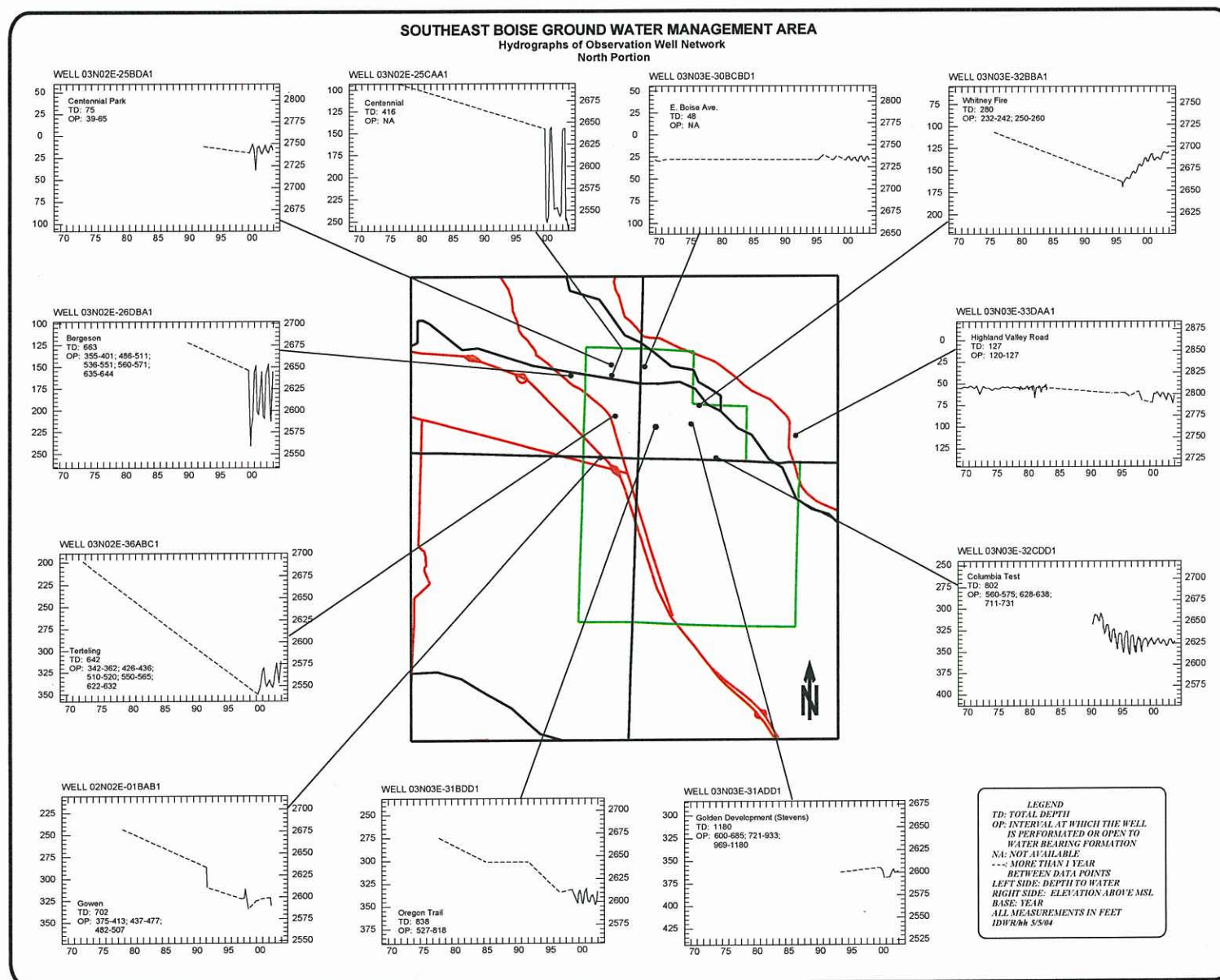


Figure 2

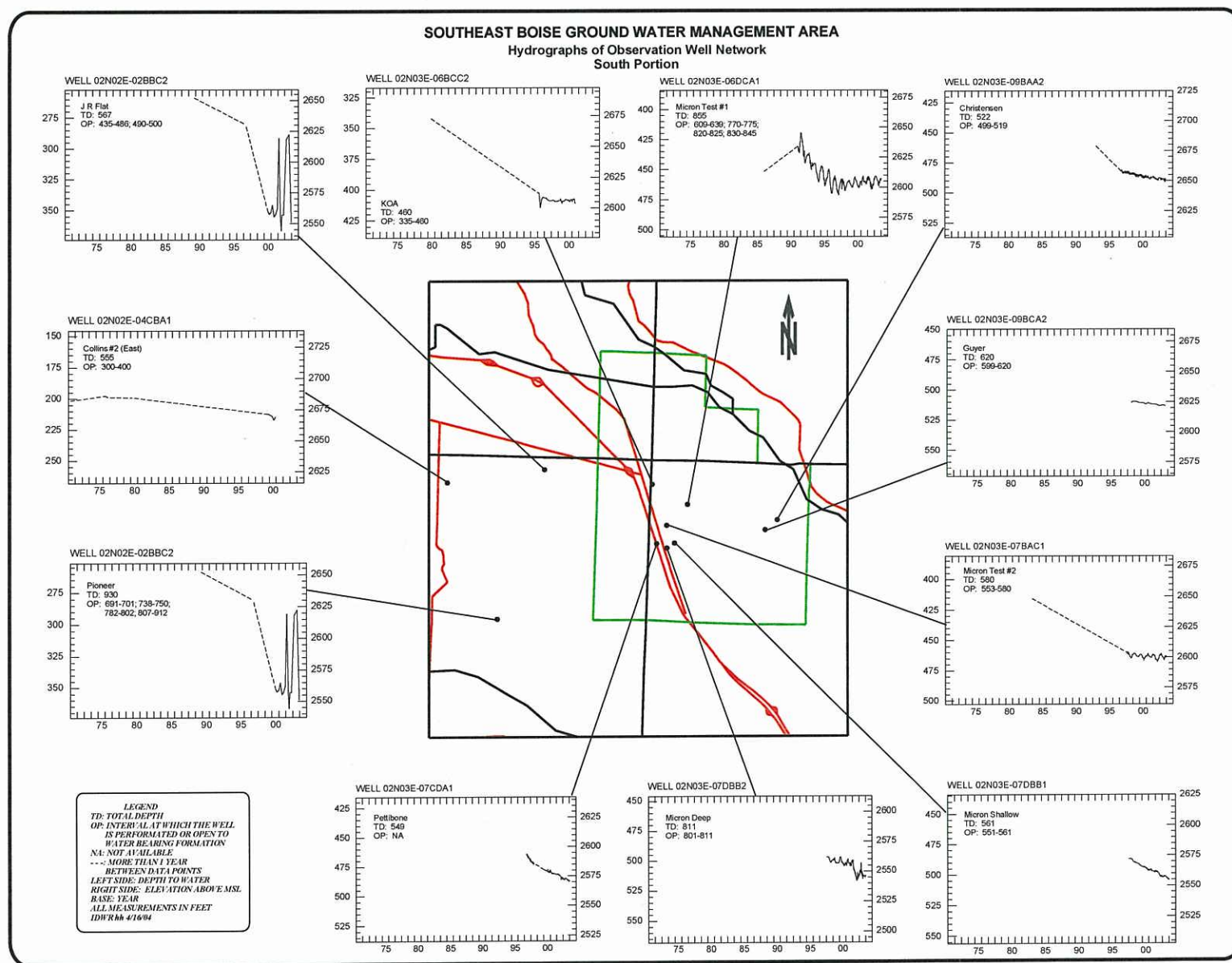


Figure 3

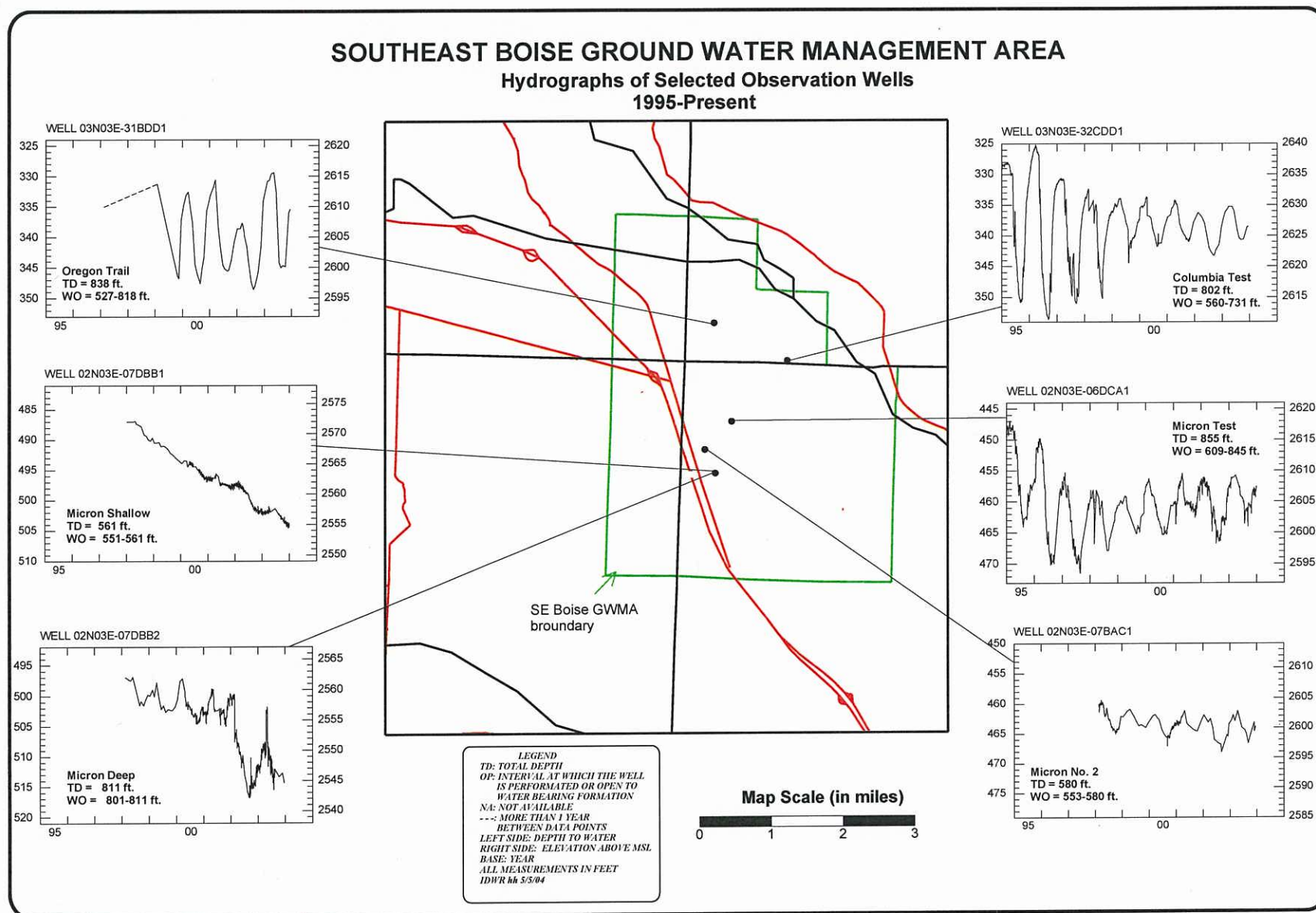
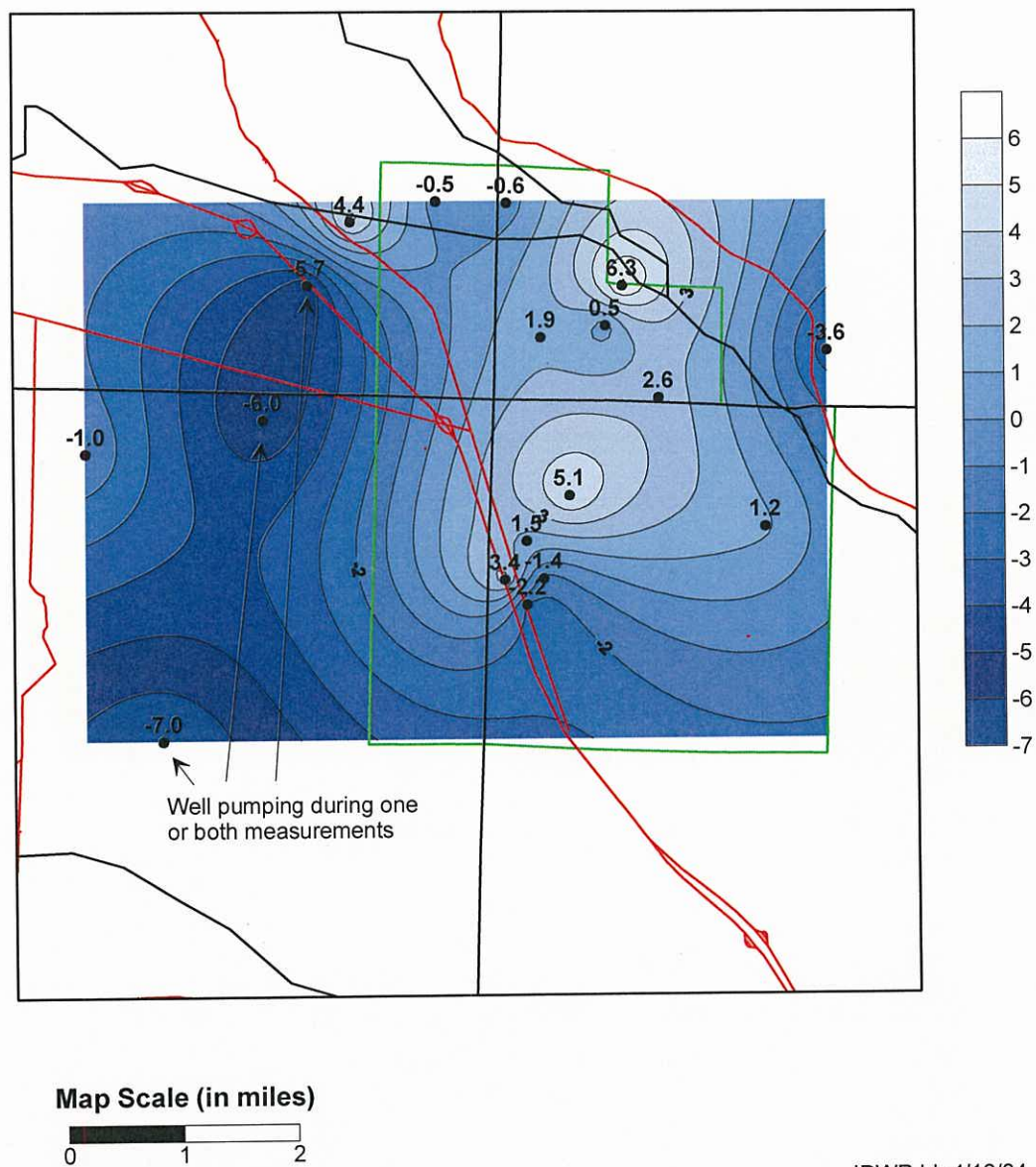


Figure 4

SOUTHEAST BOISE GROUND WATER MANAGEMENT AREA

Ground Water Level Changes, Fall 2002 vs. Fall 2003



IDWR hh 4/16/04

Figure 5

SOUTHEAST BOISE GROUND WATER MANAGEMENT AREA

Ground Water Level Elevations, December 2003

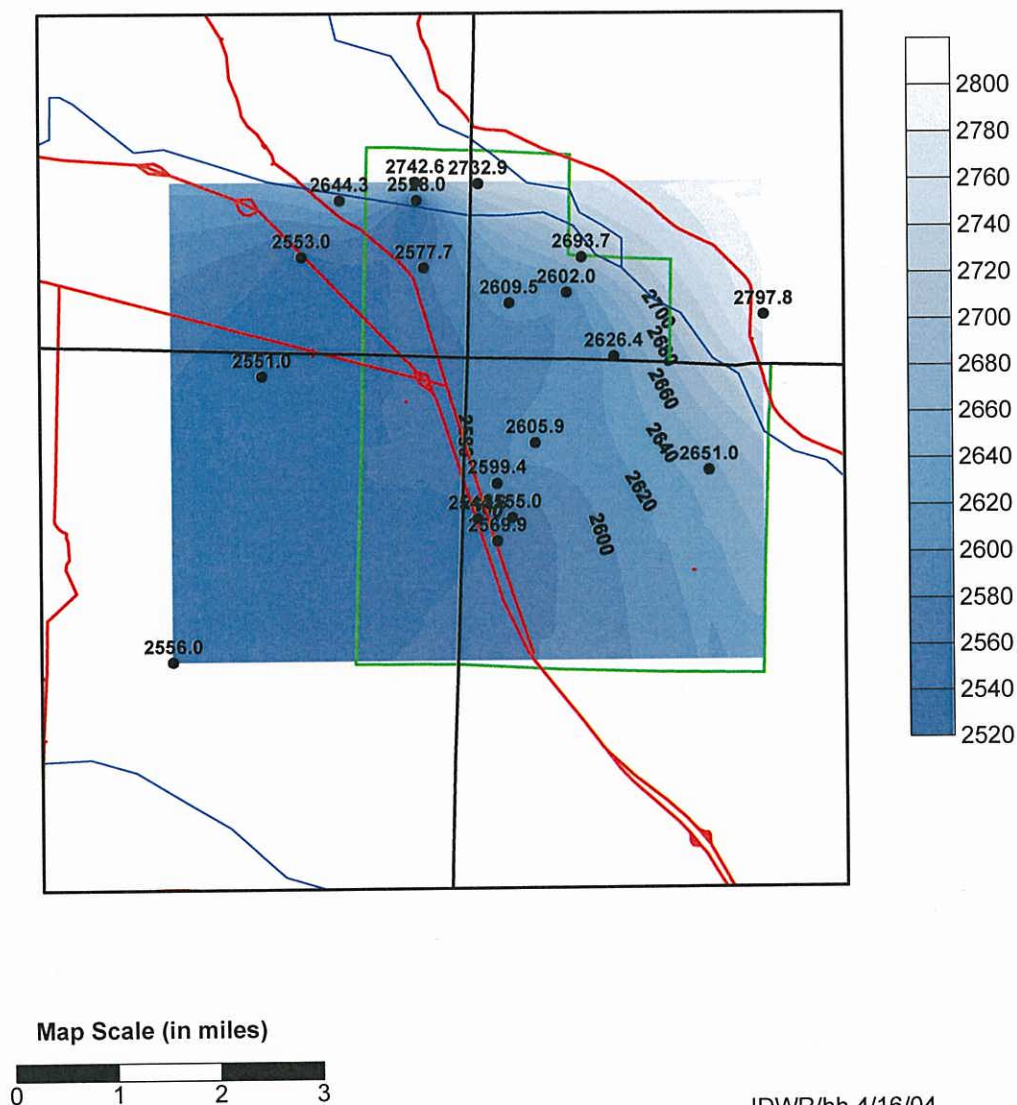


Figure 6

ANNUAL SUMMARY OF GROUND WATER CONDITIONS IN THE SOUTHEAST BOISE GROUND WATER MANAGEMENT AREA CALENDAR YEAR 2002

This report describes the ground water conditions in and around the Southeast Boise Ground Water Management Area based on the ground water level monitoring network established in spring 2000 under the guidance of the Southeast Boise Ground Water Advisory Committee. The network is a coordinated effort among Micron Technologies, Inc., United Water Idaho and the Idaho Department of Water Resources (IDWR). J. R. Simplot Co. also provides access to some wells. Each entity provides water level data that is compiled and maintained at IDWR.

Status of Monitoring Network

The network has 23 monitoring sites. All sites are existing wells; none are dedicated monitoring wells, although some are currently unused. Water levels are measured on varying frequencies, generally monthly or quarterly. A map of the current network is shown at Figure 1.

A number of changes to the network have occurred during 2002:

- a. Londoner Well was lost due to sale of property and abandonment of the well;
- b. Collins Well #2 was taken over by USGS and will be monitored quarterly;
- c. Whitney Fire Well, discontinued by USGS in 2001, was picked up by IDWR as part of the quarterly monitoring through the Treasure Valley Hydrologic Project; and
- d. KOA Well has not been measured by the USGS since July 2001. The pump was pulled in 2002, however, there still is an obstruction, prohibiting measuring of water level. This is considered an important monitoring site.
- e. Continuous recorders have been having a mixed record of success. All wells are measured by hand on a regular basis. Data has been obtained on a regular basis without interruption.

Ground Water Level Trends

Ground water level hydrographs for wells in the network are shown in Figures 2 and 3. Figure 4 shows hydrographs for five wells in greater detail for the period 1995 to present.

Water level changes during the period fall 2001 to fall 2002 range from a decline of 13.9 feet in Micron Deep to a rise of 6.7 feet in Golden Development. The average change throughout the network, excluding pumping levels, is a decline of 1.3 feet. A water level change map, comparing fall, 2001 to fall, 2002, is shown in Figure 6.

Overall, ground water levels in the Southeast Boise GWMA appear to have generally stabilized. The influence of the Micron Technologies Inc. managed recharge program of surface water injection, begun in April 2001, and other land use changes will be determined through continued monitoring.

Figure 6 shows ground water elevations for selected wells in the monitoring network. This map is included based on a request the advisory committee at last year's annual meeting.

Recommendations

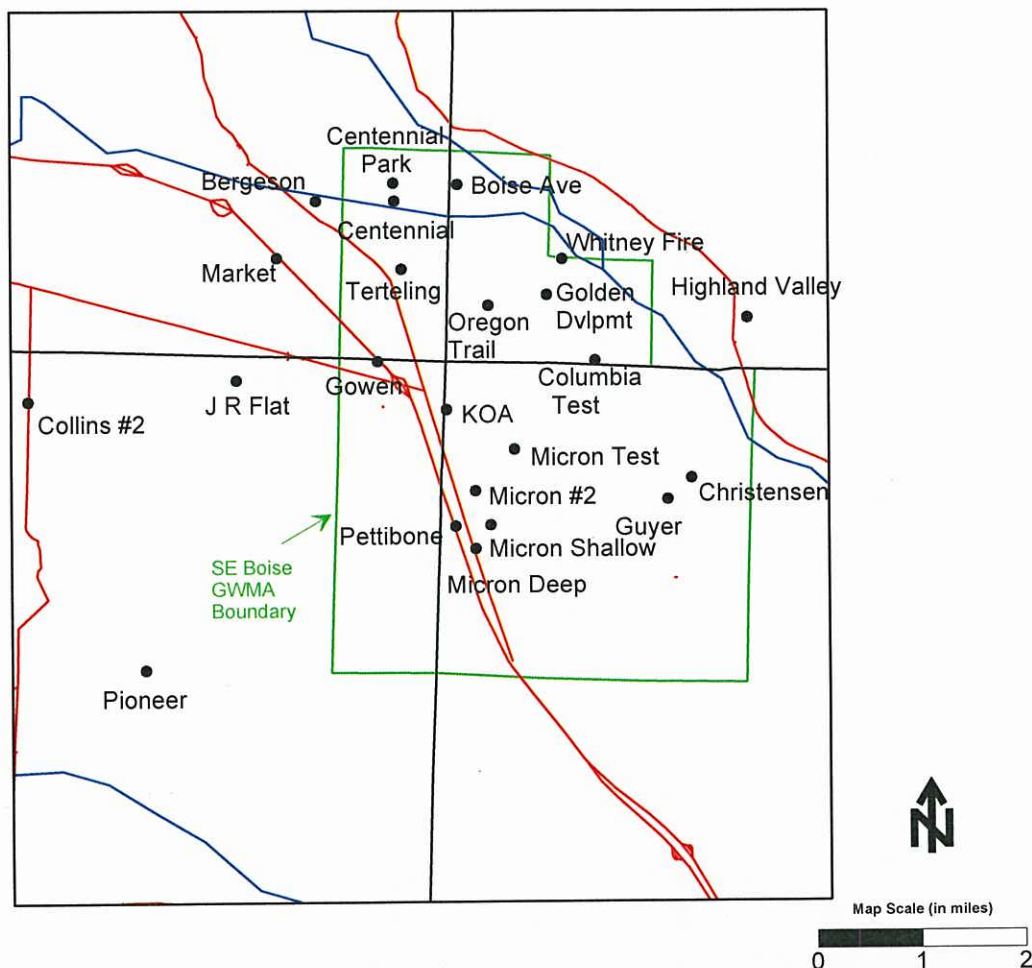
1. Add well at Blacks Creek Rest Area when well is constructed. Initial plans were submitted to IDWR in February, but as of April 2003, no drilling permit has been issued.
2. Add wells to the south of existing network. Two wells near Western Construction have been located and will be investigated as possible additions to the monitoring network.
3. Find funding to run a down-hole camera in the KOA Well to determine source of obstruction.

Figures

1. Map of Observation Well Network as of 12/31/2001
2. Selected Hydrographs, 1970-2001 (North)
3. Selected Hydrographs, 1970-2001 (South)
4. Selected Hydrographs, 1995-Present
5. Ground Water Changes, Fall 2001 Compared to Fall 2002
6. Ground Water Elevations, Fall 2002

Prepared by Helen Harrington, IDWR Hydrology Section, 4/2003

SOUTHEAST BOISE GROUND WATER MANAGEMENT AREA Monitoring Network 2002



2002 Monitoring Sites

02N02E-01BAB1	GOWEN	03N02E-25BDA1	CENTENNIAL PARK
02N02E-02BBC2	J R FLAT	03N02E-25CAA1	CENTENNIAL
02N02E-04CAA1	COLLINS #2 (EAST)	03N02E-26DBA1	BERGESON
02N02E-22BBB1	PIONEER	03N02E-35BAB1	MARKET
02N03E-06BCC2	KOA	03N02E-36ABC1	TERTELING
02N03E-06DCA1	MICRON TEST #1	03N03E-30BCBD1	E BOISE AVE
02N03E-07BAC1	MICRON TEST #2	03N03E-31ADD1	GOLDEN DEVELOPMENT
02N03E-07CDA1	PETTIBONE	03N03E-31BDD1	OREGON TRAIL
02N03E-07DBB1	MICRON SHALLOW OBS	03N03E-32BBA1	WHITNEY FIRE
02N03E-07DBB2	MICRON DEEP OBS	03N03E-32CDD1	COLUMBIA TEST
02N03E-09BAA2	CHRISTENSEN	03N03E-33DAA1	HIGHLAND VALLEY RD
02N03E-09BCA2	GUYER		

IDWR/hh 4/21/03

Figure 1

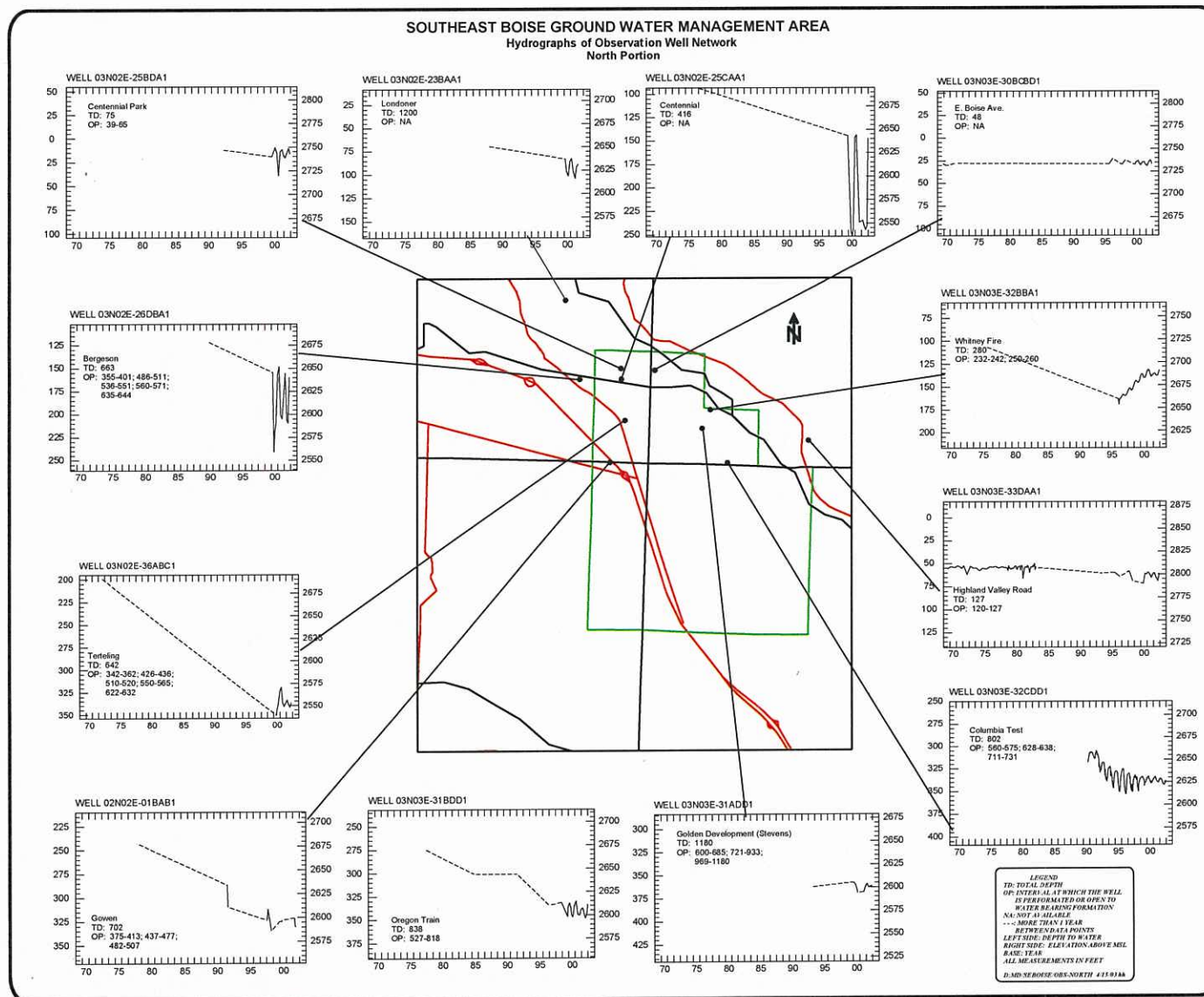


Figure 2

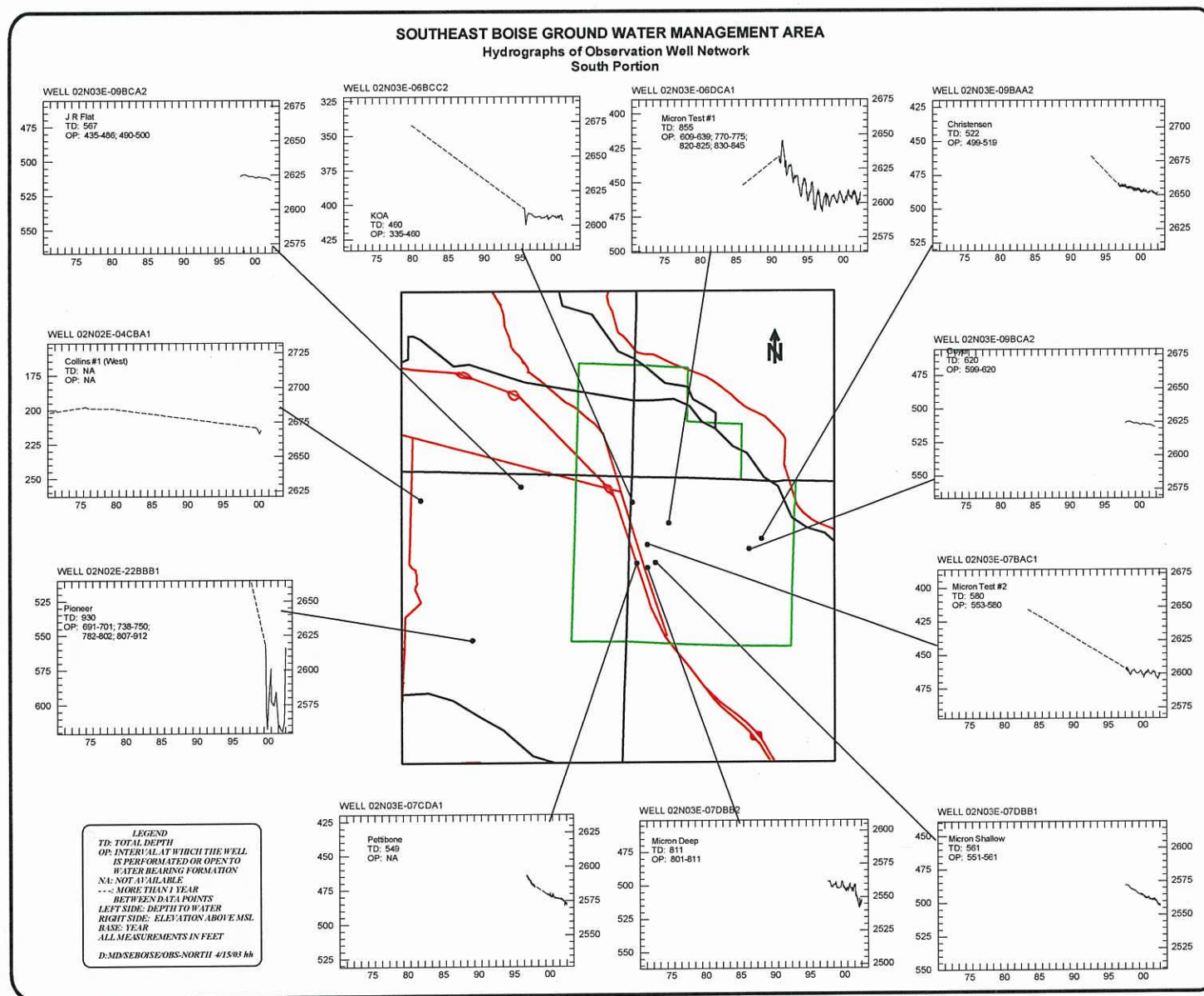


Figure 3

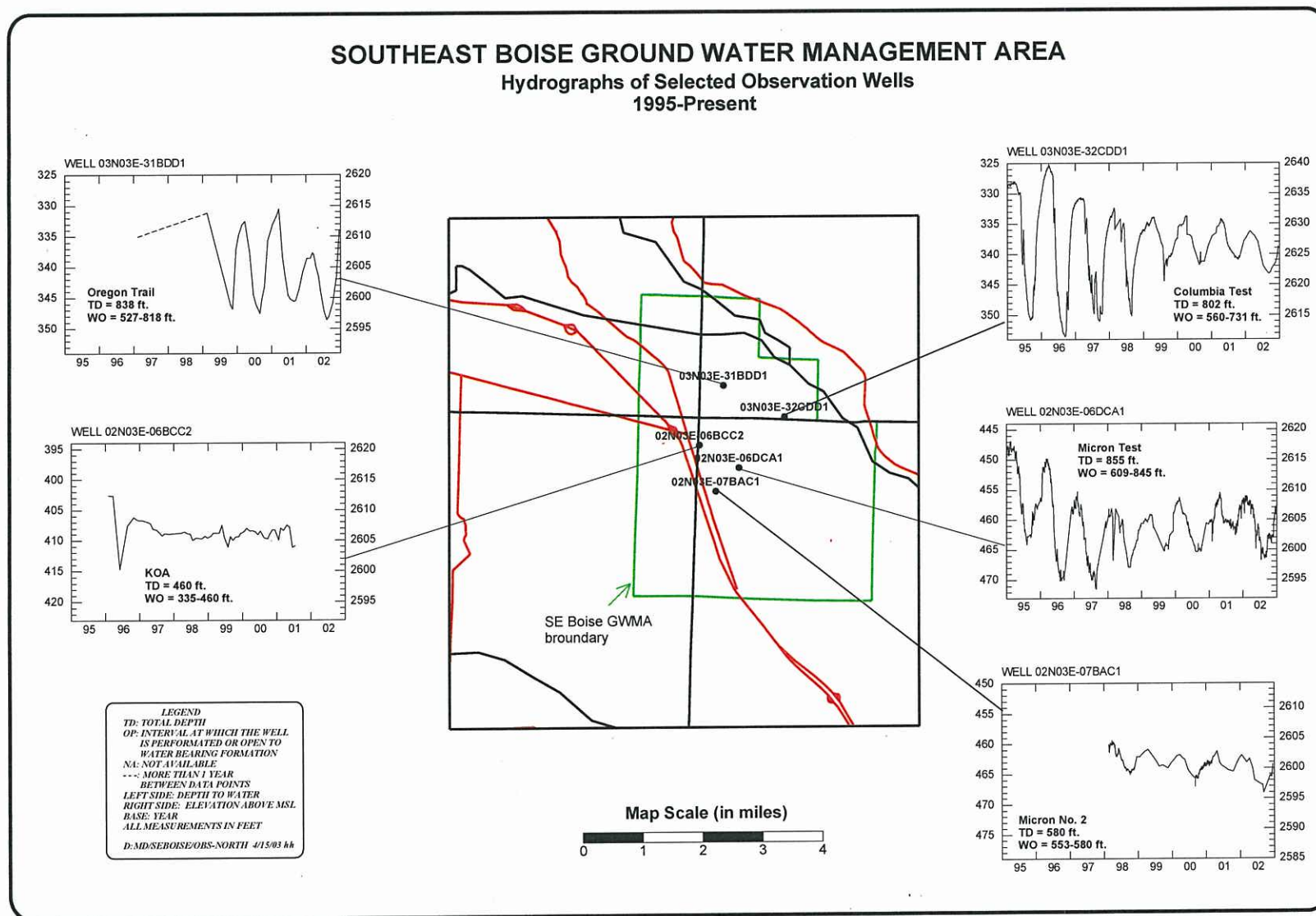


Figure 4

SOUTHEAST BOISE GROUND WATER MANAGEMENT AREA

Ground Water Changes, Fall 2001 Compared to Fall 2002

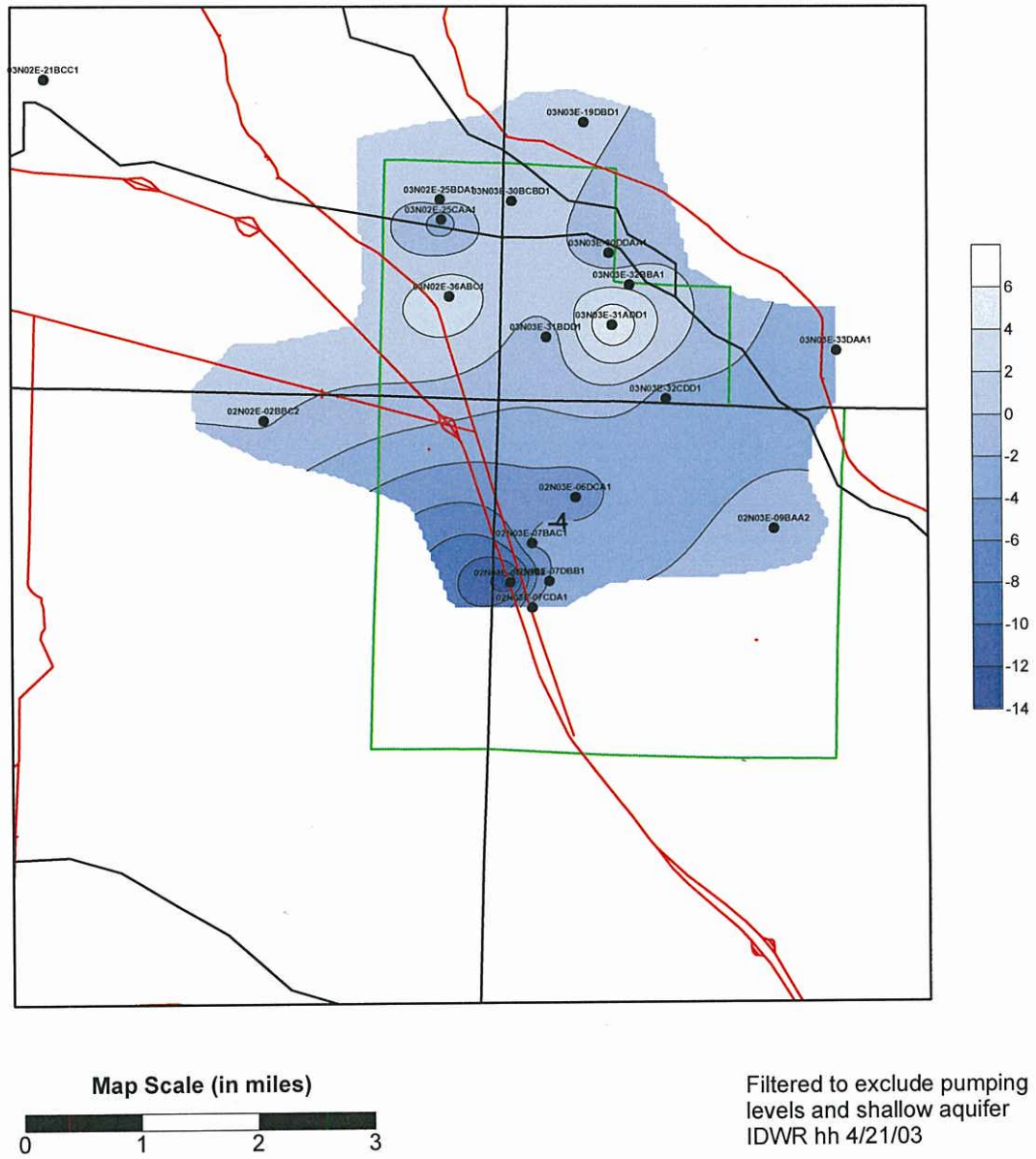


Figure 5

SOUTHEAST BOISE GROUND WATER MANAGEMENT AREA

Ground Water Elevations, Fall 2002

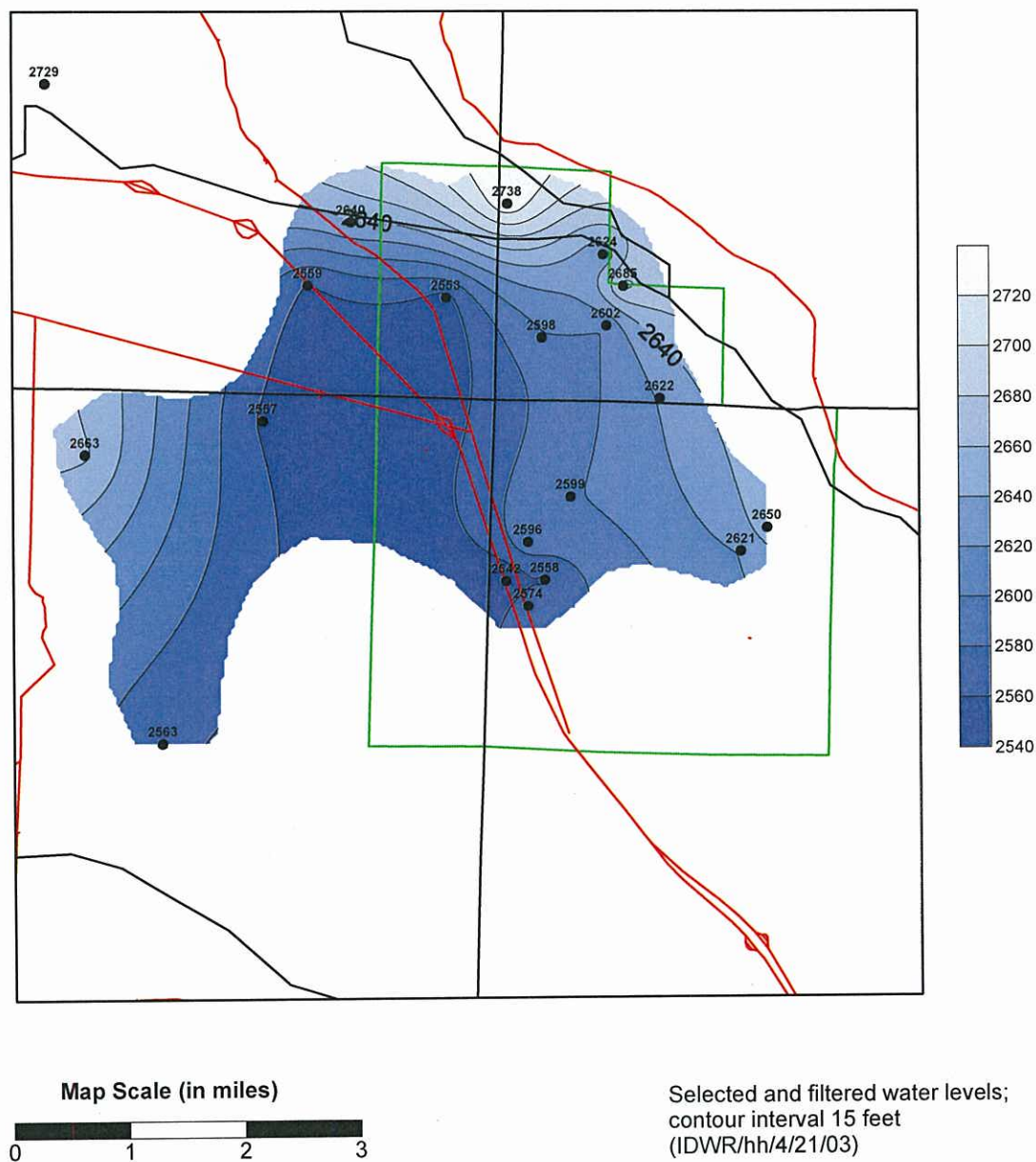


Figure 6

**ANNUAL SUMMARY OF
GROUND WATER CONDITIONS
IN THE
SOUTHEAST BOISE GROUND WATER MANAGEMENT AREA
CALENDAR YEAR 2001**

This report describes the conditions of the ground water resources based on the ground water level monitoring network established in spring 2000 under the guidance of the Southeast Boise Ground Water Advisory Committee. The network is a coordinated effort among Micron Technologies, Inc., United Water Idaho and the Idaho Department of Water Resources (IDWR). J. R. Simplot Co. also provides access to some wells. Each entity provides water level data that is compiled and maintained at the IDWR.

Background

The network consists of 22 wells. The current network is shown in Attachment 1. Water levels are measured on varying frequencies, generally monthly or quarterly. A number of changes to the network have occurred during 2001:

- a. Physical access to the Gowen Well was lost;
- b. Collins Well #1 was discontinued due to problems with measuring;
- c. Whitney Fire Well was discontinued by USGS. It was originally part of a monitoring network developed for a Treasure Valley Hydrologic Study canal seepage study; and
- d. KOA Well has not been measured by the USGS since July 2001. It is unclear whether the water level has fallen below the obstruction or if a pump is not allowing equipment to find the water level. This well has not yet been officially dropped from the network.

Ground Water Level Trends

Ground water measurements are being taken for all wells in the network, however, five wells have been measured for a longer time and provide the best indication of past and current trends. Attachment 2 shows these five wells that have data from 1980. Attachment 3 shows these same wells with the limited time period of 1995-present showing the current trends on a larger scale.

Two trends are indicated:

- a. Water levels have stabilized from the previous declines. Water level changes within the GMWA range from declines of less than 2 feet to a rise of 5.5 feet (Micron Test #1).

b. As water levels have stabilized, seasonal fluctuations have shorter ranges. Attachment 3 shows seasonal fluctuations that used to range up to 25 feet (Columbia Test Well) in the mid-1990s now show a seasonal fluctuation of less than 10 feet. Possible causes include decreased production or the effects of the recharge project initiated by Micron Technologies Inc. Since 1997, Gowen and Oregon Trail wells have stopped production, halting the discharge of 2,000 acre-feet of ground water. The recharge project began injection in 2001. Future monitoring will provide additional information about the influence of the recharge project on area water levels.

Three wells in the network continue to show slight declines. Pettibone and Micron Shallow Observation water levels continue on their slightly declining trends ranging from 1 to 3 feet per year. The third well, Pioneer, is declining but does not show a consistent trend.

Pettibone and Micron Shallow Observation display water level characteristics quite distinct from many of the other wells many of which are open below and elevation of 2500 feet mean sea level (about 500-600 feet below ground surface). These wells have never displayed distinct seasonal fluctuations. Water level information is not available prior to the mid-1990s to determine if steep declines had occurred. One explanation that has been provided is that there is a fingered clay lens between 550-600 feet below land surface. This clay layer may be acting as a leaky aquitard, causing a tempered and less immediate response in wells with openings above the clay. This is consistent in other wells with similar characteristics (Micron Test #2, Christensen, KOA), although these wells do not show similar declines.

Overall, ground water levels in the Southeast Boise GWMA appear to have stabilized. The influence of the Micron Technologies Inc. managed recharge program of surface water injection, begun in April 2001, and other land use changes will be determined by continued monitoring. Approximately 201 million gallons or 617 acre-feet have been injected as of April 2002.

Recommendations

1. Add well at Blacks Creek Rest Area when well is constructed.
2. Pull pump at KOA well to determine if measuring difficulties can be overcome.

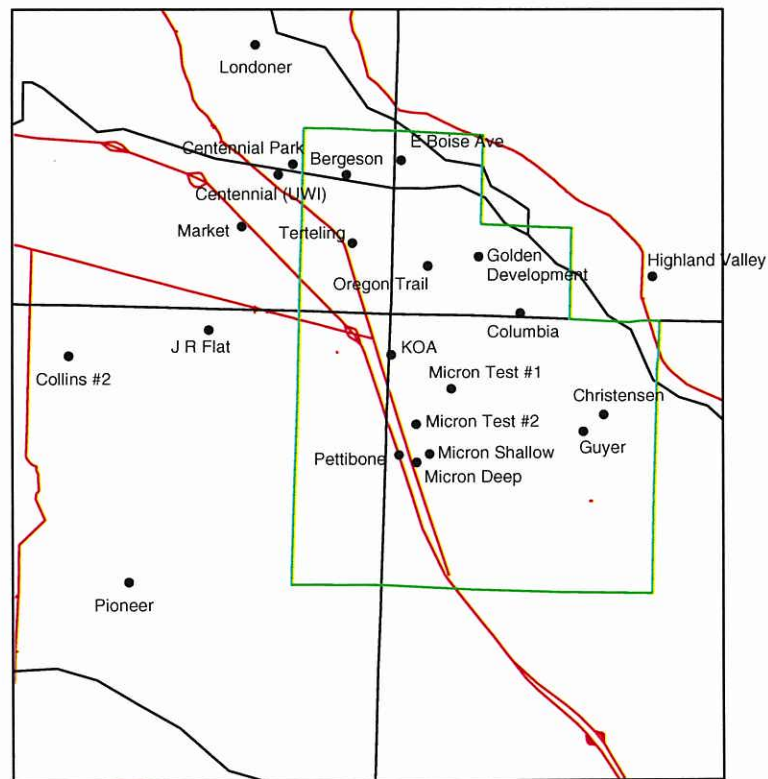
Attachments

1. Map of Observation Well Network as of 12/31/2001
2. Selected Hydrographs, 1980-2001
3. Selected Hydrographs, 1995-2001
4. Ground Water Level Change Map, Fall 2000 / Fall 2001

Prepared by Helen Harrington, IDWR Hydrology Section 4/2002

SOUTHEAST BOISE GROUND WATER MANAGEMENT AREA

Observation Well Network 2001



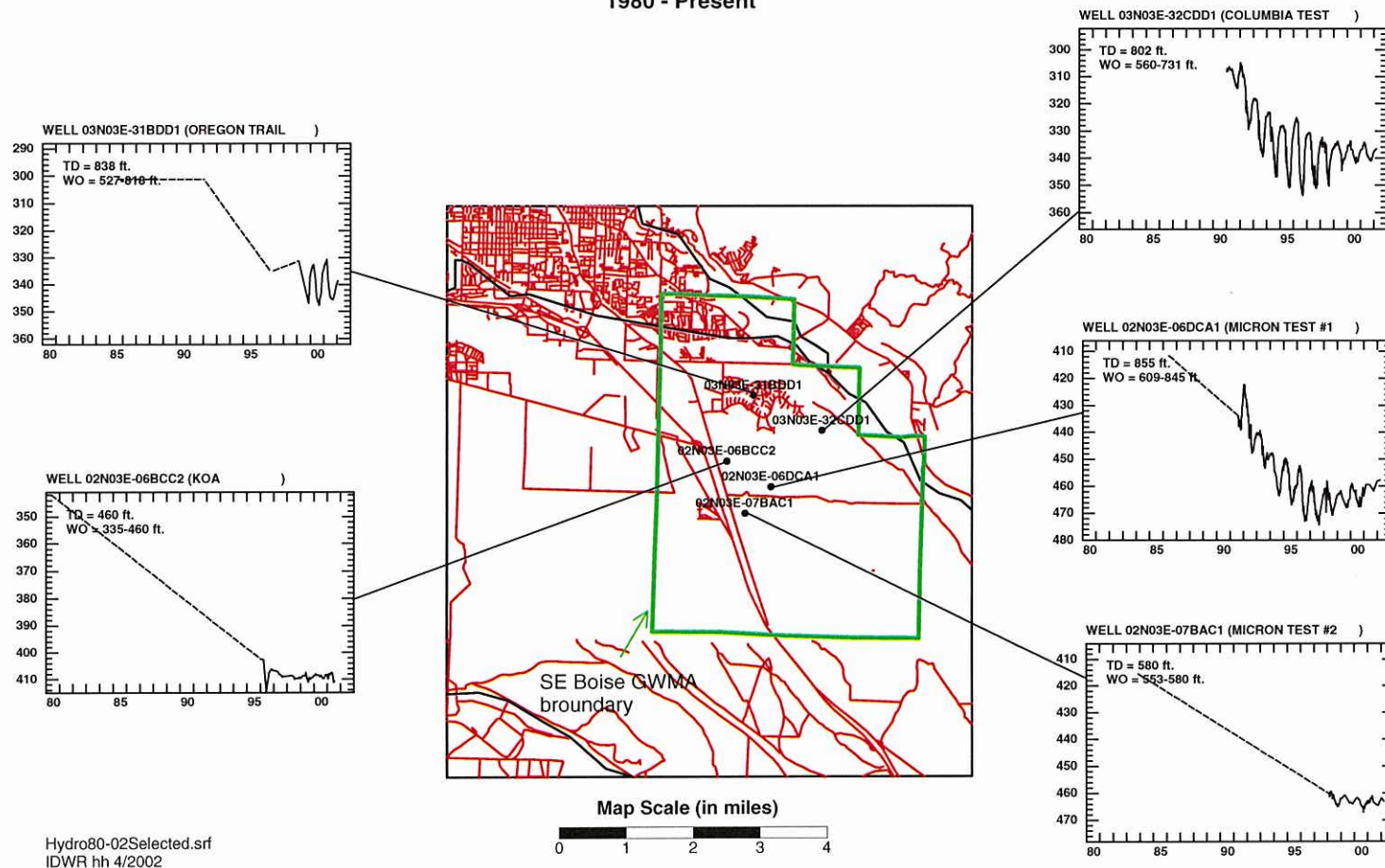
Map Scale (in miles)



IDWR hh 4/02

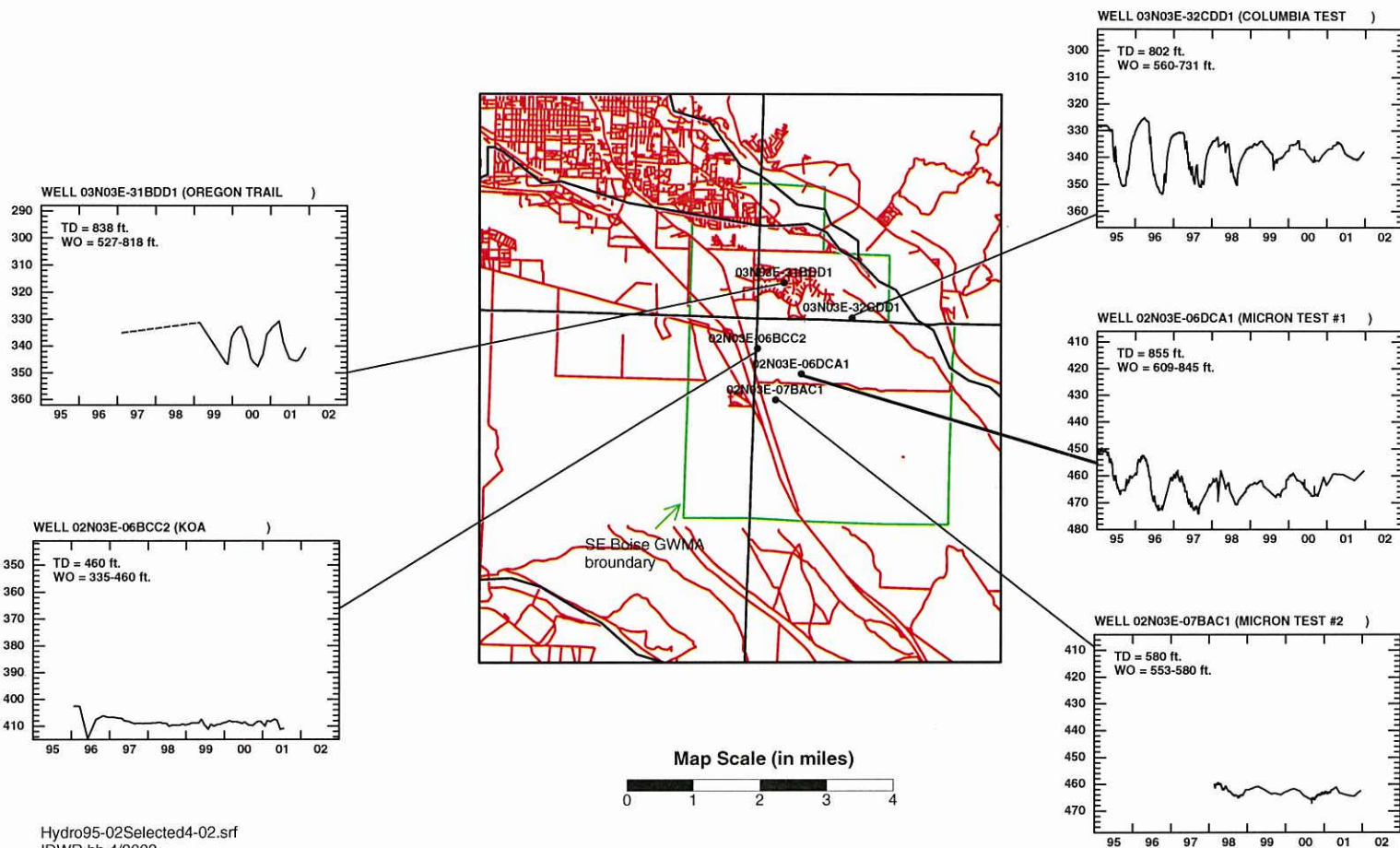
SOUTHEAST BOISE GROUND WATER MANAGEMENT AREA

Hydrographs of Selected Observation Wells
1980 - Present



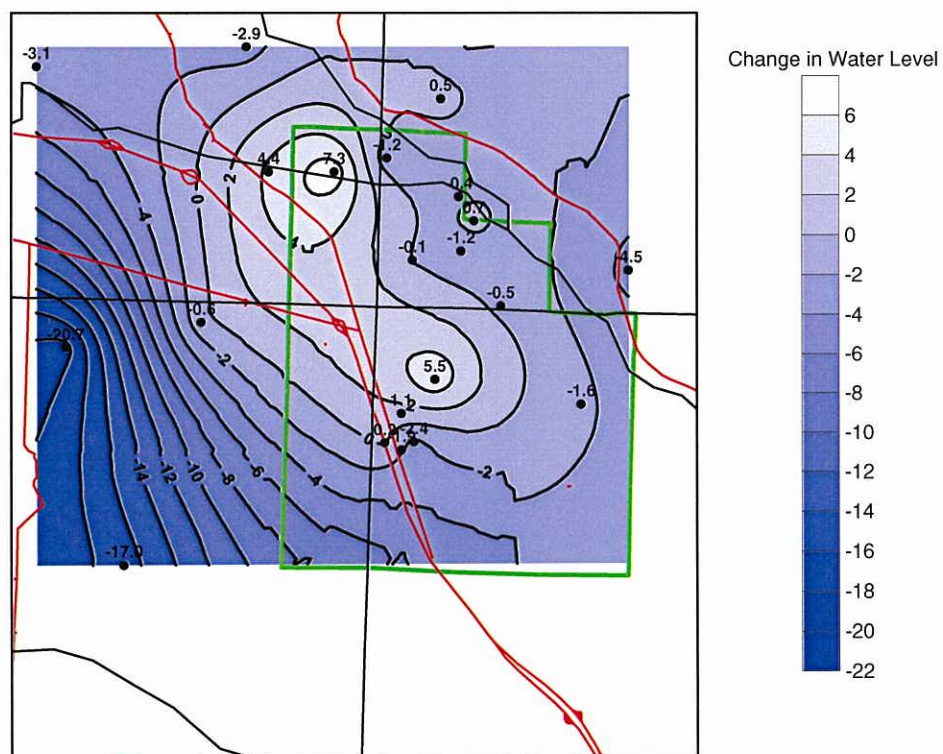
SOUTHEAST BOISE GROUND WATER MANAGEMENT AREA

Hydrographs of Selected Observation Wells
1995-Present



SOUTHEAST BOISE GROUND WATER MANAGEMENT AREA

Ground Water Level Changes
Fall 2000 - Fall 2001



Map Scale (in miles)



IDWR hh 4//2002
WL Com-Fall00Fall01.srf

Attachment 4



Micron Technology, Inc.
8000 S. Federal Way
P.O. Box 6
Boise, ID 83707-0006
208.368.4000

March 7, 2007

CERTIFIED MAIL # 7005 0390 0002 4209 6049

RECEIVED

MAR 08 2007

WATER RESOURCES
WESTERN REGION

Mr. Steve Lester
Water Rights Supervisor
State of Idaho, Department of Water Resources
2735 Airport Way
Boise, ID 83705-5082

RE: 2006 Water Measurement Annual Report

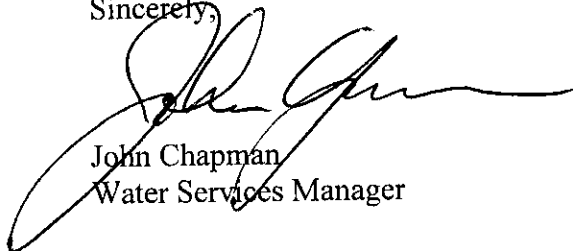
Dear Mr. Lester:

Enclosed please find the Idaho Department of Water Resources (IDWR) 2006 Water Measurement Annual Report for Micron Technology, Inc. Report forms are included for Micron Wells 3, 4, and 6, as no water was physically diverted from Micron Well 5, Gowen Well, or Oregon Trail Well during 2006. Also enclosed is the \$25 processing fee per diversion for Micron Wells 3, 4 and 6, only.

* Micron diverted a total of 2,693 acre-feet from Wells 3, 4 and 6, during 2006. Please refer to the individual *Water Measurement Reports* included. Micron accounted for 2,074.2 acre-feet using Water Right Licenses 63-08992 and 63-09029, as authorized under IDWR Transfer 68944, and 118.8 acre-feet using Water Right Licenses 63-09357, 63-10208, and 63-11293, as authorized under IDWR Transfer 4758. Micron recharged 592 acre-feet in 2006, recovered 500 acre-feet of that recharged within the calendar year using Water Permit #63-31183. Total amount in storage at the end of 2006 is 1,005 acre-feet. Please refer to Table 1, *Mitigation Calculations through End of Year 2006*.

If you have any questions or need additional information, please contact me at 368-4358.

Sincerely,



John Chapman
Water Services Manager

Enclosures

* 2883 AF per 3 MEAS. Reports -JZ 3/20/07

Micron Aquifer Recharge and Recovery Project

Table 1.
Mitigation Calculations through End of Year 2006

A	B	C	D	E	F
Year	Water Injected (acre feet)	Water Pumped (acre feet)	Net Volume to/from Aquifer Storage (acre feet)	Annual 10% Loss From Storage (acre feet)	End of Year Storage (acre feet)
2001	437	0.0	437.0	0.0	437
2002	459	284.0	175.0	43.7	568
2003	787	180.5	606.5	56.8	1,118
2004	609	487.8	121.2	111.8	1,127
2005	419	419.0	0.0	112.7	1,015
2006	592	500.0	92.0	101.5	1,005

Column A is the calendar year, each starting January 1 and ending December 31.

Column B is acre feet of water injected into the aquifer for mitigation purposes during the calendar year.

Column C is acre feet of water pumped from the aquifer under the permit during the calendar year.

Column D is the net acre feet added or subtracted from storage during the calendar year

Column E is the loss from storage (10% of the water held in storage during the previous year)

Column F is the acre feet of water held in aquifer storage at the end of the calendar year

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

RECEIVED

MAR 08 2007

WATER RESOURCES
WESTERN REGION***THIS IS YOUR 2006 WATER MEASUREMENT ANNUAL REPORT*****For the Water Measurement Program
MEASURING DEVICE METHOD FOR TOTALIZING FLOW METERS
FOR WELLS****ATTENTION:** Year end data must be submitted to Idaho Department of Water Resources
2731 Airport Way, Boise Idaho 83705, by:March 15, 2007.**NOTE:** A separate reporting form must be submitted for each diversion.**This report form may be used for the following diversion:**

Name:	Micron Well 3
Water Right No:	63-08992, 63-09029, 63-31183
Legal Description:	T2N R3E Sec.7 SW¼ NW ¼
Site Tag No:	006149
Diversion Name:	Micron Well 3

SECTION I Water Right Holder/Operator informationName and Address of Water Right Holder Please check for address correction. ☐***Current Owner***Name Micron Technology, Inc Phone (208)368-4000
Last, First, MIAddress 8000 S. Federal Way Fax (208)368-5555City Boise State & Zip ID 83716***Original Owner (if sold within last year)***Name _____ Phone _____
Last, First, MI

Address _____ Fax _____

City _____ State & Zip _____

Operator or Contact Person)Name _____ Phone _____
Last, First, MI

Address _____ Fax _____

City _____ State & Zip _____

SECTION II Well Information

Depth to water. Record the date, if the pump was on or off, of if other nearby pumps were on.

Static Water Level (pump off, water level stable): 405 ft. Date 4-30-91
Dynamic Water Level (pump on): 535 ft. Date 12-31-06

SECTION III Rate of flow and volume diverted

Meter Information:

Make Dieterich Model No. EFW-FO Serial No. F278317.1.2

Does the meter totalizer measure in acre-feet or gallons?
(circle one)

What is the multiplier? 10X

Does the meter rate of flow indicator show gpm or cfs?
(circle one)

What is the multiplier? 1X

Note: Reading the meter totalizer, flow rate and discharge pressure should be taken and recorded once a month on or near the same day.

2006 Date Of Reading	Totalizer Reading	Flow rate gpm	Discharge Pressure
January (<u>31</u>)	50,081,171	528	60
February (<u>28</u>)	73,260,442	520	60
March (<u>31</u>)	98,805,821	580	60
April (<u>30</u>)	22,105,431	496	50
May (<u>31</u>)	46,265,434	525	58
June (<u>30</u>)	68,188,968	545	74
July (<u>31</u>)	96,237,082	616	68
August (<u>31</u>)	23,601,365	596	66
September (<u>30</u>)	50,167,679	578	70
October (<u>31</u>)	76,711,663	449	80
November (<u>29</u>)	98,257,413	382	82
December (<u>31</u>)	20,011,815	442	82
End of Year (Dec 31)	20,011,815	442	82

Does totalizer reading above include meter multiplier? Yes X No

Total Acre-feet 908 **OR Total Gallons** 295,979,083
(There are 325,850 gallons per acre feet)

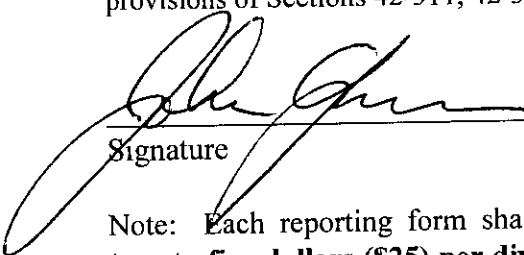
SECTION III Modifications made in 2006

Please describe in the space below any major modifications made to the diversion works or piping system which would affect system capacity or accuracy of the flow measurements during 2006. Attach drawings, sketches, photographs, notes or design information if needed.

Comments: (If the flowmeter was installed, calibrated, or replaced during 2006, please note the date.)

SECTION IV Certification

I hereby certify that the above reported information is correct to the best of my knowledge and that I recognize that willful submittal of false or inaccurate data is a violation of law subject to the penalty provisions of Sections 42-311, 42-350 and 42-351, Idaho Code.

 _____
Signature Title

3-5-2007
Date

Note: Each reporting form shall be accompanied by a report processing fee in the amount of **twenty-five dollars (\$25) per diversion** made payable to the Idaho Department of Water Resources (Section 42-702(6), Idaho Code). **Fee is not required if no water was diverted in 2006.**

For Office Use Only

Received by DB

Date 3/8/07

Time 11A

Fee amount submitted \$25 -

Correct? yes ☒ no ☐

Received by DB

Receipt No. W035151

Reviewed by SL

Date 3/20/07

Data entry by SC

Date 3/30/07

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

RECEIVED

MAR 08 2007

WATER RESOURCES
WESTERN REGION**THIS IS YOUR 2006 WATER MEASUREMENT ANNUAL REPORT****For the Water Measurement Program**
MEASURING DEVICE METHOD FOR TOTALIZING FLOW METERS
FOR WELLS

ATTENTION: Year end data must be submitted to Idaho Department of Water Resources
2731 Airport Way, Boise Idaho 83705, by:
March 15, 2007.

NOTE: A separate reporting form must be submitted for each diversion.

This report form may be used for the following diversion:

Name:	Micron Well 4
Water Right No:	63-08992, 63-09029, 63-31183
Legal Description:	T2N R3E Sec.7 NE¼ SW ¼
Site Tag No:	006153
Diversion Name:	Micron Well 4

SECTION I Water Right Holder/Operator information

Name and Address of Water Right Holder Please check for address correction. ☐

Current Owner

Name Micron Technology, Inc Phone (208)368-4000
Last, First, MI

Address 8000 S. Federal Way Fax (208)368-5555

City Boise State & Zip ID 83716

Original Owner (if sold within last year)

Name _____ Phone _____
Last, First, MI

Address _____ Fax _____

City _____ State & Zip _____

Operator or Contact Person)

Name _____ Phone _____
Last, First, MI

Address _____ Fax _____

City _____ State & Zip _____

SECTION II Well Information

Depth to water. Record the date, if the pump was on or off, of if other nearby pumps were on.

Static Water Level (pump off, water level stable): 460 ft. Date 4-12-96
Dynamic Water Level (pump on): 598 ft. Date 12-1998

SECTION III Rate of flow and volume diverted

Meter Information:

Make EMCO V-Bar Model No. 600-2NPT Serial No. 150503-B001

Does the meter totalizer measure in acre-feet or gallons?
(circle one)

What is the multiplier? 1X

Does the meter rate of flow indicator show gpm or cfs?
(circle one)

What is the multiplier? 1X

Note: Reading the meter totalizer, flow rate and discharge pressure should be taken and recorded once a month on or near the same day.

2006 Date Of Reading	Totalizer Reading	Flow rate gpm	Discharge Pressure
January (<u>31</u>)	60,110,022	1080	27
February (<u>28</u>)	2,834,666	1151	26
March (<u>31</u>)	54,192,748	1210	28
April (<u>30</u>)	5,902,783	1228	26
May (<u>31</u>)	59,833,357	1210	28
June (<u>30</u>)	11,166,714	1184	30
July (<u>31</u>)	65,065,517	1201	28
August (<u>31</u>)	18,642,120	1224	26
September (<u>30</u>)	69,277,220	1193	48
October (<u>31</u>)	19,433,650	926	24
November (<u>30</u>)	56,351,888	660	35
December (<u>31</u>)	93,762,177	744	28
End of Year (Dec 31)	93,762,177	744	28

Does totalizer reading above include meter multiplier? Yes X No

Total Acre-feet 1784 **OR Total Gallons** 581,397,024
(There are 325,850 gallons per acre feet)

SECTION III Modifications made in 2006

Please describe in the space below any major modifications made to the diversion works or piping system which would affect system capacity or accuracy of the flow measurements during **2006**. Attach drawings, sketches, photographs, notes or design information if needed.

Comments: (If the flowmeter was installed, calibrated, or replaced during 2006, please note the date.)

SECTION IV Certification

I hereby certify that the above reported information is correct to the best of my knowledge and that I recognize that willful submittal of false or inaccurate data is a violation of law subject to the penalty provisions of Sections 42-311, 42-350 and 42-351, Idaho Code.

Signature

Water Services Manager

Title

Date

3-5-2007

Note: Each reporting form shall be accompanied by a report processing fee in the amount of **twenty-five dollars (\$25) per diversion** made payable to the Idaho Department of Water Resources (Section 42-702(6), Idaho Code). **Fee is not required if no water was diverted in 2006.**

For Office Use Only

Received by

SB

Date 3-8-07^{SB}

Time 11A

Fee amount submitted

\$25 -

Correct? yes ☒ no ☐

Received by

DB

Receipt No. W035151

Reviewed by

RZ

Date 3/20/07

Data entry by

SC

Date 3/30/07

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

RECEIVED

MAR 08 2007

WATER RESOURCES
WESTERN REGION**THIS IS YOUR 2006 WATER MEASUREMENT ANNUAL REPORT****For the Water Measurement Program**
MEASURING DEVICE METHOD FOR TOTALIZING FLOW METERS
FOR WELLS**ATTENTION:** Year end data must be submitted to Idaho Department of Water Resources
2731 Airport Way, Boise Idaho 83705, by:**March 15, 2007.****NOTE:** **A separate reporting form must be submitted for each diversion.****This report form may be used for the following diversion:**

Name:	Micron Well 6
Water Right No:	63-08992, 63-09029, 63-31183
Legal Description:	T2N R3E Sec.6 SE¼ SW ¼
Site Tag No:	
Diversion Name:	Micron Well 6

SECTION I Water Right Holder/Operator information

Name and Address of Water Right Holder

Please check for address correction. ☐**Current Owner**Name Micron Technology, Inc Phone (208)368-4000
Last, First, MIAddress 8000 S. Federal Way Fax (208)368-5555City Boise State & Zip ID 83716**Original Owner (if sold within last year)**Name _____ Phone _____
Last, First, MI

Address _____ Fax _____

City _____ State & Zip _____

Operator or Contact Person)Name _____ Phone _____
Last, First, MI

Address _____ Fax _____

City _____ State & Zip _____

SECTION II Well Information

Depth to water. Record the date, if the pump was on or off, of if other nearby pumps were on.

Static Water Level (pump off, water level stable): 465 ft. Date 10-19-2006
Dynamic Water Level (pump on): 513 ft. Date 11-14-2006

SECTION III Rate of flow and volume diverted

Meter Information:

Make EMCO Model No. ST-30 Serial No. 1570317-5001

Does the meter totalizer measure in acre-feet or gallons?
(circle one)

What is the multiplier? 1X

Does the meter rate of flow indicator show gpm or cfs?
(circle one)

What is the multiplier? 1X

Note: Reading the meter totalizer, flow rate and discharge pressure should be taken and recorded once a month on or near the same day.

2006 Date Of Reading	Totalizer Reading	Flow rate gpm	Discharge Pressure
January (<u>31</u>)			
February (<u>28</u>)			
March (<u>31</u>)			
April (<u>30</u>)			
May (<u>31</u>)			
June (<u>30</u>)			
July (<u>31</u>)			
August (<u>31</u>)			
September (<u>30</u>)			
October (<u>31</u>)	5,557,200	680	18
November (<u>30</u>)	25,444,381	832	17
December (<u>31</u>)	62,281,623	804	20
End of Year (Dec 31)	62,281,623	804	20

Does totalizer reading above include meter multiplier? Yes X No

Total Acre-feet 191 * **OR Total Gallons** 62,281,623
(There are 325,850 gallons per acre feet)

SECTION III Modifications made in 2006

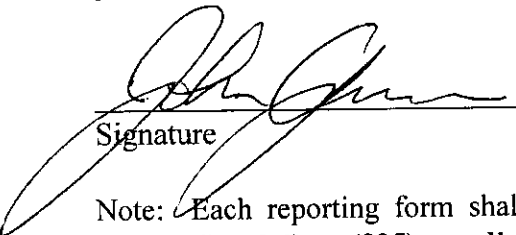
Please describe in the space below any major modifications made to the diversion works or piping system which would affect system capacity or accuracy of the flow measurements during 2006. Attach drawings, sketches, photographs, notes or design information if needed.

This well was designed, constructed, and placed in service during 2006.

Comments: (If the flowmeter was installed, calibrated, or replaced during 2006, please note the date.)

SECTION IV Certification

I hereby certify that the above reported information is correct to the best of my knowledge and that I recognize that willful submittal of false or inaccurate data is a violation of law subject to the penalty provisions of Sections 42-311, 42-350 and 42-351, Idaho Code.


Signature

Water Services Manager
Title

3-5-2007
Date

Note: Each reporting form shall be accompanied by a report processing fee in the amount of **twenty-five dollars (\$25) per diversion** made payable to the Idaho Department of Water Resources (Section 42-702(6), Idaho Code). **Fee is not required if no water was diverted in 2006.**

For Office Use Only

Received by 85

Date 3-8-07

Time 11 A

Fee amount submitted \$25 -

Correct? yes ☒ no ☐

Received by DB

Receipt No. W035151

Reviewed by JK

Date 3/20/07

Data entry by SC

Date 3/30/07



RECEIVED

FEB 21 2006

WATER RESOURCES
WESTERN REGION

Micron Technology, Inc.
8000 S. Federal Way
P.O. Box 6
Boise, ID 83707-0006
208.368.4000

February 17, 2006

CERTIFIED MAIL #7005 0390 0002 4209 5363

Mr. Steve Lester
Water Rights Supervisor
State of Idaho, Department of Water Resources
2735 Airport Way
Boise, ID 83705-5082

RE: 2005 Water Measurement Annual Report

Dear Mr. Lester:

Enclosed please find the Idaho Department of Water Resources (IDWR) 2005 Water Measurement Annual Report for Micron Technology, Inc. Report forms are included for Micron Wells 3 & 4, as no water was physically diverted from Micron Well 5, Gowen Well, or Oregon Trail Well during 2005. Also enclosed is the \$25 processing fee per diversion for Micron Wells 3 & 4, only.

Micron diverted a total of 2,665 acre-feet from Wells 3 & 4, during 2005. Please refer to the individual *Water Measurement Reports* included. Micron accounted for 2,432.2 acre-feet using Water Right Licenses 63-09357, 63-10208 and 63-11293, as authorized under IDWR Transfer 4758. Micron recharged 419 acre-feet in 2005, recovered 419 acre-feet of that recharged within the calendar year using Water Permit #63-31183. Total amount in storage at the end of 2005 is 1,015 acre-feet. Please refer to Table 1, *Mitigation Calculations through End of Year 2005*.

If you have any questions or need additional information, please contact me at 368-4358.

Sincerely,

A handwritten signature in black ink, appearing to read 'John Chapman', written over a horizontal line.

John Chapman
Water Services Manager

Enclosures

Micron Aquifer Recharge and Recovery Project

Table 1.
Mitigation Calculations through End of Year 2005

A	B	C	D	E	F
Year	Water Injected (acre feet)	Water Pumped (acre feet)	Net Volume to/from Aquifer Storage (acre feet)	Annual 10% Loss From Storage (acre feet)	End of Year Storage (acre feet)
2001	437	0	437	0	437
2002	459	284	175	43.7	568
2003	787	180.5	606.5	56.83	1,118
2004	609	487.8	121.2	111.797	1,127
2005	419	419	0	112.7373	1,015

Column A is the calendar year, each starting January 1 and ending December 31.

Column B is acre feet of water injected into the aquifer for mitigation purposes during the calendar year.

Column C is acre feet of water pumped from the aquifer under the permit during the calendar year.

Column D is the net acre feet added or subtracted from storage during the calendar year

Column E is the loss from storage (10% of the water held in storage during the previous year)

Column F is the acre feet of water held in aquifer storage at the end of the calendar year

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

RECEIVED ✓

FEB 21 2006

WATER RESOURCES
WESTERN REGION***THIS IS YOUR 2005 WATER MEASUREMENT ANNUAL REPORT*****For the Water Measurement Program
MEASURING DEVICE METHOD FOR TOTALIZING FLOW METERS
FOR WELLS****ATTENTION:** Year end data must be submitted to Idaho Department of Water Resources
2731 Airport Way, Boise Idaho 83705, by:**March 15, 2006.****NOTE:** A separate reporting form must be submitted for each diversion.**This report form may be used for the following diversion:**

Name:	Micron Well 3
Water Right No:	63-08992, 63-09029, 63-31183
Legal Description:	T2N R3E Sec.7 SW¼ NW¼ NE
Site Tag No:	006149
Diversion Name:	Micron Well 3

SECTION I Water Right Holder/Operator information

Name and Address of Water Right Holder

Please check for address correction. ☐***Current Owner***Name Micron Technology, Inc Phone (208)368-4000
Last, First, MIAddress 8000 S. Federal Way Fax (208)368-5555City Boise State & Zip ID 83716***Original Owner (if sold within last year)***Name _____ Phone _____
Last, First, MI

Address _____ Fax _____

City _____ State & Zip _____

Operator or Contact Person)Name _____ Phone _____
Last, First, MI

Address _____ Fax _____

City _____ State & Zip _____

SECTION II Well Information

Depth to water. Record the date, if the pump was on or off, of if other nearby pumps were on.

Static Water Level (pump off, water level stable): 405 ft. Date 4-30-91
Dynamic Water Level (pump on): 531 ft. Date 12-30-05

SECTION III Rate of flow and volume diverted

Meter Information:

Make Dieterich Model No. DFCII IMN2XX3XX4XX P3ESTRATXAXX DS Serial No. F278317.1.2

Does the meter totalizer measure in acre-feet or gallons? What is the multiplier? 10X
(circle one)

Does the meter rate of flow indicator show gpm or cfs? What is the multiplier? 1X
(circle one)

Note: Reading the meter totalizer, flow rate and discharge pressure should be taken and recorded once a month on or near the same day.

2005 Date Of Reading	Totalizer Reading	Flow rate gpm	Discharge Pressure
January (<u>31</u>)	39,987,672	597	40
February (<u>28</u>)	64,541,959	550	34
March (<u>31</u>)	91,284,312	599	45
April (<u>30</u>)	14,846,589	528	68
May (<u>31</u>)	40,835,785	582	75
June (<u>30</u>)	67,083,579	588	68
July (<u>31</u>)	94,248,567	609	68
August (<u>31</u>)	21,341,892	607	62
September (<u>30</u>)	47,173,508	579	64
October (<u>31</u>)	73,371,070	587	64
November (<u>30</u>)	98,662,794	567	61
December (<u>31</u>)	24,032,733	568	60
End of Year (Dec 31)	24,032,733	568	60

Does totalizer reading above include meter multiplier? Yes X No

Total Acre-feet 954 **OR Total Gallons** 310,700,037
(there are 325,850 gallons per acre feet)

SECTION III Modifications made in 2005

Please describe in the space below any major modifications made to the diversion works or piping system which would affect system capacity or accuracy of the flow measurements during 2005. Attach drawings, sketches, photographs, notes or design information if needed.

Comments: (If the flowmeter was installed, calibrated, or replaced during 2005, please note the date.)

SECTION IV Certification

I hereby certify that the above reported information is correct to the best of my knowledge and that I recognize that willful submittal of false or inaccurate data is a violation of law subject to the penalty provisions of Sections 42-311, 42-350 and 42-351, Idaho Code.

Signature

Water Services Manager

Title

Date

2-17-06

Note: Each reporting form shall be accompanied by a report processing fee in the amount of **twenty-five dollars (\$25) per diversion** made payable to the Idaho Department of Water Resources (Section 42-702(6), Idaho Code). **Fee is not required if no water was diverted in 2005.**

For Office Use Only

Received by DB

Date 2/21/06

Time 1:30 pm

Fee amount submitted \$25 -

Correct? yes ☒ no ☐

Received by DB

Receipt No. W033870

Reviewed by 82

Date 4/18/06

Data entry by Ac

Date 4/24/06

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

RECEIVED

FEB 21 2006

WATER RESOURCES
WESTERN REGION***THIS IS YOUR 2005 WATER MEASUREMENT ANNUAL REPORT******For the Water Measurement Program
MEASURING DEVICE METHOD FOR TOTALIZING FLOW METERS
FOR WELLS***

ATTENTION: Year end data must be submitted to Idaho Department of Water Resources
2731 Airport Way, Boise Idaho 83705, by:
March 15, 2006.

NOTE: A separate reporting form must be submitted for each diversion.

This report form may be used for the following diversion:

Name:	Micron Well 4
Water Right No:	63-08992, 63-09029, 63-31183
Legal Description:	T2N R3E Sec.7 NE¼ SW ¼
Site Tag No:	006153
Diversion Name:	Micron Well 4

SECTION I Water Right Holder/Operator information

Name and Address of Water Right Holder

Please check for address correction. ☐***Current Owner***Name Micron Technology, Inc Phone (208)368-4000
Last, First, MIAddress 8000 S. Federal Way Fax (208)368-5555City Boise State & Zip ID 83716***Original Owner (if sold within last year)***Name _____ Phone _____
Last, First, MI

Address _____ Fax _____

City _____ State & Zip _____

Operator or Contact Person)Name _____ Phone _____
Last, First, MI

Address _____ Fax _____

City _____ State & Zip _____

SECTION II Well Information

Depth to water. Record the date, if the pump was on or off, of if other nearby pumps were on.

Static Water Level (pump off, water level stable): 460 ft. Date 4-12-96
Dynamic Water Level (pump on): 598 ft. Date 12-1998

SECTION III Rate of flow and volume diverted

Meter Information:

Make EMCO V-Bar Model No. 699-2NPT Serial No. 150503-B001

Does the meter totalizer measure in acre-feet or gallons?
(circle one)

What is the multiplier? 1X

Does the meter rate of flow indicator show gpm or cfs?
(circle one)

What is the multiplier? 1X

Note: Reading the meter totalizer, flow rate and discharge pressure should be taken and recorded once a month on or near the same day.

2005 Date Of Reading	Totalizer Reading	Flow rate gpm	Discharge Pressure
January (<u>31</u>)	2,071,344	1057	28
February (<u>28</u>)	44,965,211	961	24
March (<u>31</u>)	92,196,648	1058	26
April (<u>30</u>)	37,750,280	1020	24
May (<u>31</u>)	84,074,740	1038	30
June (<u>30</u>)	29,599,490	1020	25
July (<u>31</u>)	77,402,861	1071	24
August (<u>31</u>)	25,454,358	1076	23
September (<u>30</u>)	71,941,983	1041	22
October (<u>31</u>)	20,047,883	1078	23
November (<u>30</u>)	66,158,980	1033	27
December (<u>31</u>)	12,365,153	1035	27
End of Year (Dec 31)	12,365,153	1035	27

Does totalizer reading above include meter multiplier? Yes X No

Total Acre-feet 1711 **OR Total Gallons** 557,460,627
(there are 325,850 gallons per acre feet)

SECTION III Modifications made in 2005

Please describe in the space below any major modifications made to the diversion works or piping system which would affect system capacity or accuracy of the flow measurements during 2005. Attach drawings, sketches, photographs, notes or design information if needed.

Comments: (If the flowmeter was installed, calibrated, or replaced during 2005, please note the date.)

SECTION IV Certification

I hereby certify that the above reported information is correct to the best of my knowledge and that I recognize that willful submittal of false or inaccurate data is a violation of law subject to the penalty provisions of Sections 42-311, 42-350 and 42-351, Idaho Code.

Signature

Water Services Manager

Title

Date

2-17-06

Note: Each reporting form shall be accompanied by a report processing fee in the amount of **twenty-five dollars (\$25) per diversion** made payable to the Idaho Department of Water Resources (Section 42-702(6), Idaho Code). **Fee is not required if no water was diverted in 2005.**

For Office Use Only

Received by DB

Date 2/21/06

Time 1:30 pm

Fee amount submitted \$25-

Correct? yes ☒ no ☐

Received by DB

Receipt No. W033870

Reviewed by RZ

Date 4/18/06

Data entry by AC

Date 4/24/06



RECEIVED

MAR 15 2005

WATER RESOURCES
WESTERN REGION

Micron Technology, Inc.
8000 S. Federal Way
P.O. Box 6
Boise, ID 83707-0006
208.368.4000

March 15, 2005

VIA CERTIFIED MAIL

Mr. Steve Lester
Water Rights Supervisor
State of Idaho, Department of Water Resources
2735 Airport Way
Boise, Idaho 83705-5082

RE: 2004 Water Measurement Annual Report

Dear Mr. Lester:

Enclosed is the Idaho Department of Water Resources (IDWR) 2004 Water Measurement Annual Report for Micron Technology, Inc. Report forms are included for Micron Wells 3 & 4, as no water was physically diverted from Micron Well 5, Gowen Well, or Oregon Trail Well during 2004. Also enclosed is the \$25 processing fee per diversion for Micron Wells 3 & 4, only.

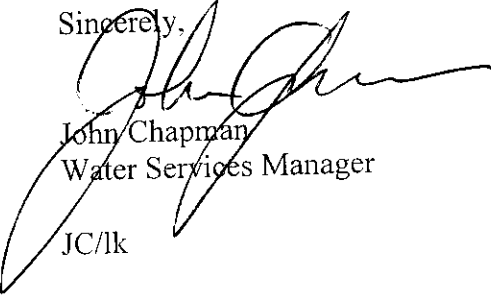
Micron diverted a total of 2,562 acre-feet from Wells 3 & 4 during 2004. Please refer to the individual *Water Measurement Reports* included. Micron accounted for 2,074.2 acre-feet using Water Right Licenses 63-08992 and 63-09029, as authorized under IDWR Transfer 68944. Micron recharged 609 acre-feet in 2004 and recovered 487.8 acre-feet of that recharged within the calendar year, using Water Permit #63-31183, and will carry over the remaining 121.2 acre-feet. Total amount in storage at the end of 2004 is 1,127 acre-feet. Please refer to Table 1, *Mitigation Calculations through End of Year 2004*.

Letter to Mr. Steve Lester
Water Rights Supervisor
State of Idaho, Department of Water Resources
Page Two

Also, as per your conversation with Rich Nehl of the Micron Water Services Group on February 17, 2004, concerning the 2003 Annual Report, Micron would like to offer the following clarification and modification of the 2003 report. In 2003 Micron inadvertently reported 2,504 acre-feet diverted under Water Right Licenses #63-09357, #63-10208, and #63-11293, respectively, instead of 2,432.5 acre-feet as authorized under IDWR Transfer 4758 (based upon the rate of 3.46 cfs). Micron has accounted for the difference, 71.5 acre-feet, by increasing the amount recovered from recharge for the time period from 109 acre-feet to 180.5 acre-feet. The amount of carryover for 2003 then decreased from 678 acre-feet to 606.5 acre-feet. These changes are reflected in Table 1, *Mitigation Calculations through End of Year 2004*.

If you have any questions or need additional information, please contact me at 368-4358.

Sincerely,



John Chapman
Water Services Manager

JC/lk

Enclosures

cc: File

Micron Aquifer Recharge and Recovery Project

Table 1.
Mitigation Calculations through End of Year 2004

A	B	C	D	E	F
Year	Water Injected (acre feet)	Water Pumped (acre feet)	Net Volume to/from Aquifer Storage (acre feet)	Annual 10% Loss From Storage (acre feet)	End of Year Storage (acre feet)
2001	437	0	437	0	437
2002	459	284	175	44	568
2003	787	180.5	606.5	57	1,118
2004	609	487.8	121.2	112	1,127

Column A is the calendar year, each starting January 1 and ending December 31.

Column B is acre feet of water injected into the aquifer for mitigation purposes during the calendar year.

Column C is acre feet of water pumped from the aquifer under the permit during the calendar year.

Column D is the net acre feet added or subtracted from storage during the calendar year

Column E is the loss from storage (10% of the water held in storage during the previous year)

Column F is the acre feet of water held in aquifer storage at the end of the calendar year

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

RECEIVED

MAR 15 2005

WATER RESOURCES
WESTERN REGION***THIS IS YOUR 2004 WATER MEASUREMENT ANNUAL REPORT******For the Water Measurement Program –
MEASURING DEVICE METHOD FOR TOTALIZING FLOW METERS
IRRIGATION WELLS***

**ATTENTION: Year end data must be submitted to Idaho Department of Water Resources
2731 Airport Way, Boise Idaho 83705, on or before:
March 15, 2005.**

NOTE: A separate reporting form must be submitted for each diversion.

This report form may be used for the following diversion:

Name:	Micron Well 3
Water Right No:	63-08992, 63-09029, 63-31183
Legal Description:	T2N R3E Sec.7 SW¼ NW ¼
Site Tag No:	006149
Diversion Name:	Micron Well 3

SECTION I Water Right Holder/Operator information

Name and Address of Water Right Holder

Please check for address correction. ☐***Current Owner***Name Micron Technology, Inc Phone (208)368-4000
Last, First, MIAddress 8000 S. Federal Way Fax (208)368-5555City Boise State & Zip ID 83716***Original Owner (if sold within last year)***Name _____ Phone _____
Last, First, MI

Address _____ Fax _____

City _____ State & Zip _____

Operator or Contact Person)Name _____ Phone _____
Last, First, MI

Address _____ Fax _____

City _____ State & Zip _____

SECTION II**Well Information**

Depth to water. Record the date, if the pump was on or off, of if other nearby pumps were on.

Static Water Level (pump off, water level stable): 405 ft. Date 4-30-91

Dynamic Water Level (pump on): 526 ft. Date 8-31-04

SECTION III**Rate of flow and volume diverted**

Meter Information:

Make Dieterich Model No. DFCII IMN2XX3XX4XX P3ESTRATXAXX DS Serial No. F278317.1.2

Does the meter totalizer measure in acre-feet or *gallons?*
(*bold italic one*)

What is the multiplier? 10X

Does the meter rate of flow indicator show *gpm* or *cfs?*
(*bold italic one*)

What is the multiplier? 1X

For meters without rate of flow indicators, check here ☐ and see page 4 for rate measurement methods.

(meter information on page 4)

Note: Reading the meter totalizer, flow rate and discharge pressure should be taken and recorded once a month on or near the same day.

Date (enter date of reading)	Totalizer Reading	Flow rate gpm	Discharge Pressure
2004			
January 31	39,645,837	645	58
February 29	67,374,736	664	56
March 31	93,669,381	589	44
April 30	19,049,920	588	51
May 31	43,925,159	557	42
June 30	67,233,552	540	51
July 31	91,818,468	551	38
August 31	15,903,874	540	54
September 30	38,200,524	516	65
October 31	62,424,875	543	60
November 30	86,551,323	558	56
December 31	13,332,695	600	46

Does totalizer reading above include meter multiplier? Yes X No

Total Acre-feet 928 **OR Total Gallons** 302,499,045
(there are 325,850 gallons per acre feet)

Comments: (If the flow meter was installed, calibrated, or replaced, please note the date.)

Totalized flow tracked using NETVISION.

SECTION IV Crop information and method of irrigation for land being served by this pump.
List each type of crop, the number of acres grown, and the number of acres irrigated with each of the irrigation system methods.

Crop	Acres	How irrigated? (no. of acres each method)	
		Sprinkler(Acres)	Surface(acres)
NA			
**	**		
Total acres			

**** Show the numbers of acres which is irrigated cropland but was NOT irrigated for some reason this year.**

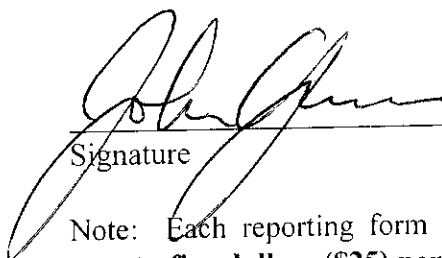
SECTION V Modifications Made

Describe in the space below any major modifications made to the diversion work or piping system which would affect system capacity or accuracy of the flow measurements. Attach drawings, sketches, photographs, notes or design information if need:

NA

SECTION VI Certification

I hereby certify that the above reported information is correct to the best of my knowledge and that I recognize that willful submittal of false or inaccurate data is a violation of law subject to the penalty provisions of Sections 42-311, 42-350 and 42-351, Idaho Code.

	Water Services Manager	3-9-05
Signature	Title	Date

Note: Each reporting form shall be accompanied by a report processing fee in the amount of **twenty-five dollars (\$25) per diversion** made payable to the Idaho Department of Water Resources. (Section 42-702(6), Idaho Code). **Report fee is not required if no water was diverted during the year.**

		For Department Use Only	OK - SL 3/30/05
Received by <u>DB</u>	Date <u>3-15-05</u>	Time <u>10:00 am</u>	
Fee amount submitted <u>\$25-</u>	Correct? yes ☒ no ☐		
Receipted by <u>DB</u>	Receipt No. <u>W032678</u>		
Data entry by <u>SC</u>	Date <u>4/1/05</u>		

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

RECEIVED

MAR 15 2005

WATER RESOURCES
WESTERN REGION***THIS IS YOUR 2004 WATER MEASUREMENT ANNUAL REPORT******For the Water Measurement Program –
MEASURING DEVICE METHOD FOR TOTALIZING FLOW METERS
IRRIGATION WELLS***

ATTENTION: Year end data must be submitted to Idaho Department of Water Resources
2731 Airport Way, Boise Idaho 83705, on or before:
March 15, 2005.

NOTE: A separate reporting form must be submitted for each diversion.

This report form may be used for the following diversion:

Name:	Micron Well 4
Water Right No:	63-08992, 63-09029, 63-31183
Legal Description:	T2N R3E Sec.7 NE¼ SW¼
Site Tag No:	006153
Diversion Name:	Micron Well 4

SECTION I Water Right Holder/Operator information

Name and Address of Water Right Holder

Please check for address correction. ☐***Current Owner***Name Micron Technology, Inc Phone (208)368-4000
Last, First, MIAddress 8000 S. Federal Way Fax (208)368-5555City Boise State & Zip ID 83716***Original Owner (if sold within last year)***Name _____ Phone _____
Last, First, MI

Address _____ Fax _____

City _____ State & Zip _____

Operator or Contact Person)Name _____ Phone _____
Last, First, MI

Address _____ Fax _____

City _____ State & Zip _____

SECTION II Well Information

Depth to water. Record the date, if the pump was on or off, of if other nearby pumps were on.

Static Water Level (pump off, water level stable): 460 ft. Date 4-12-96
Dynamic Water Level (pump on): 598 ft. Date 12-1998

SECTION III Rate of flow and volume diverted

Meter Information:

Make EMCO V-Bar Model No. 699-2NPT Serial No. 150503-B001

Does the meter totalizer measure in acre-feet or gallons? What is the multiplier? 1X
(*bold italic one*)

Does the meter rate of flow indicator show gpm or cfs? What is the multiplier? 1X
(*bold italic one*)

For meters without rate of flow indicators, check here ☐ and see page 4 for rate measurement methods.

(meter information on page 4)

Note: Reading the meter totalizer, flow rate and discharge pressure should be taken and recorded once a month on or near the same day.

Date (enter date of reading)	Totalizer Reading	Flow rate gpm	Discharge Pressure
2004			
January 31	66,505,449	988	42
February 29	8,112,684	996	40
March 31	50,998,650	961	30
April 30	92,416,708	959	38
May 31	35,819,006	972	40
June 30	80,127,717	1,026	40
July 31	26,237,212	1,033	24
August 31	72,468,008	1,036	41
September 30	16,876,237	1,028	57
October 31	63,084,513	1,035	50
November 30	7,806,258	1,035	48
December 31	54,904,527	1,055	32

Does totalizer reading above include meter multiplier? Yes X No

Total Acre-feet 1,634 **OR Total Gallons** 532,495,393
(there are 325,850 gallons per acre feet)

Comments: (If the flow meter was installed, calibrated, or replaced, please note the date.)

Totalized flow tracked using NETVISION

SECTION IV Crop information and method of irrigation for land being served by this pump.
List each type of crop, the number of acres grown, and the number of acres irrigated with each of the irrigation system methods.

Crop	Acres	How irrigated? (no. of acres each method)	
		Sprinkler(Acres)	Surface(acres)
NA			
**	**		
Total acres			

**** Show the numbers of acres which is irrigated cropland but was NOT irrigated for some reason this year.**

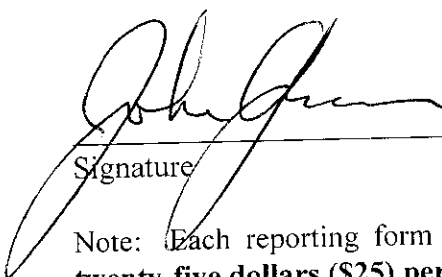
SECTION V Modifications Made

Describe in the space below any major modifications made to the diversion work or piping system which would affect system capacity or accuracy of the flow measurements during the year. Attach drawings, sketches, photographs, notes or design information if needed:

NA

SECTION VI Certification

I hereby certify that the above reported information is correct to the best of my knowledge and that I recognize that willful submittal of false or inaccurate data is a violation of law subject to the penalty provisions of Sections 42-311, 42-350 and 42-351, Idaho Code.

 Water Services Manager
Signature Title

3-9-05
Date

Note: Each reporting form shall be accompanied by a report processing fee in the amount of **twenty-five dollars (\$25) per diversion** made payable to the Idaho Department of Water Resources. (Section 42-702(6), Idaho Code). **Report fee is not required if no water was diverted during the year.**

For Department Use Only

-dc RL 3/30/05

Received by DB Date 3-15-05 Time 10:00 am
Fee amount submitted \$25 - Correct? yes ☒ no ☐
Received by DB Receipt No. W032678
Data entry by AC Date 4/4/05



RECEIVED

MAR 16 2004

WATER RESOURCES
WESTERN REGION

Micron Technology, Inc.
5000 S. Federal Way
P.O. Box 6
Boise, ID 83707-0006
208.368.4000

March 13, 2004

CERTIFIED MAIL #7099 3400 0016 6499 0621

Mr. Steve Lester
Water Rights Supervisor
State of Idaho, Department of Water Resources
2735 Airport Way
Boise, ID 83705-5082

RE: 2003 Water Measurement Annual Report

Dear Mr. Lester:

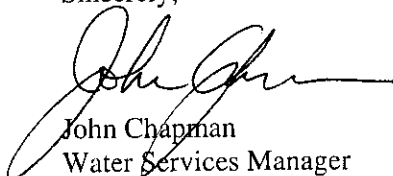
Enclosed please find the Idaho Department of Water Resources (IDWR) 2003 Water Measurement Annual Report for Micron Technology, Inc. Report forms are included for Micron Wells 3, 4 and Gowen Well only, as no water was physically diverted from Micron Well 5 or Oregon Trail Well during 2003. Also enclosed is the \$25 processing fee per diversion for Micron Wells 3, 4 and Gowen Well only.

Micron diverted a total of 2,626 acre-feet from Wells 3, 4 and Gowen during 2003. Please refer to the Water Measurement Reports included. Micron accounted for 2,504 acre-feet using Water Right Licenses #63-09357, #63-10208, and #63-11293 respectively, as authorized under IDWR Transfer 4758. Also, Micron accounted for 13 acre-feet using Water Right License #63-9029.

Micron recharged 787 acre-feet in 2003, recovered 109 acre-feet of that recharged within the calendar year using the Water Permit #63-31183, and will carry over the remaining 678 acre-feet. Total amount in storage at the end of 2003 is 1,189 acre-feet. Please refer to Table 1, *Mitigation Calculations through End of Year 2003*.

If you have any questions or need additional information, please contact me at 368-4358.

Sincerely,


John Chapman
Water Services Manager

JC/mi

Enclosures

*Reminder for next time
in future - submit reports
for wells out west
Also, no fee for them*

*~~#63-11293~~
OK,
attached to 63-9029
report*

Micron Aquifer Recharge and Recovery Project

Table 1.
Mitigation Calculations through End of Year 2003

A	B	C	D	E	F
Year	Water Injected (acre feet)	Water Pumped (acre feet)	Net Volume to/from Aquifer Storage (acre feet)	Annual 10% Loss From Storage (acre feet)	End of Year Storage (acre feet)
2001	437	0	437	0	437
2002	459	284	175	44	568
2003	787	109	678	57	1,189

Column A is the calendar year, each starting January 1 and ending December 31.

Column B is acre feet of water injected into the aquifer for mitigation purposes during the calendar year.

Column C is acre feet of water pumped from the aquifer under the permit during the calendar year.

Column D is the net acre feet added or subtracted from storage during the calendar year

Column E is the loss from storage (10% of the water held in storage during the previous year)

Column F is the acre feet of water held in aquifer storage at the end of the calendar year

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

THIS IS YOUR 2003 WATER MEASUREMENT ANNUAL REPORT

***For the Water Measurement Program –
MEASURING DEVICE METHOD FOR TOTALIZING FLOW METERS
IRRIGATION WELLS***

ATTENTION: Year end data must be submitted to Idaho Department of Water Resources
2731 Airport Way, Boise Idaho 83705, on or before:
March 15, 2004.

NOTE: A separate reporting form must be submitted for each diversion.

This report form may be used for the following diversion:

Name:	Gowen Well
Water Right No:	63-9029
Legal Description:	T2N R2E Sec.1 NE¼ NW¼
Site Tag No:	
Diversion Name:	Gowen Well

SECTION I Water Right Holder/Operator information

Name and Address of Water Right Holder

Please check for address correction. ☐

Current Owner

Name Micron Technology, Inc.
Last, First, MI

Phone (208)364-4000

Address 8000 S. Federal Way

Fax (208)364-5555

City Boise

State & Zip ID 83716

Original Owner (if sold within last year)

Name _____
Last, First, MI

Phone _____

Address _____

Fax _____

City _____

State & Zip _____

Operator or Contact Person

Name _____
Last, First, MI

Phone _____

Address _____

Fax _____

City _____

State & Zip _____

SECTION II**Well Information**

Depth to water. Record the date, if the pump was on or off, of if other nearby pumps were on.

Static Water Level (pump off, water level stable): 330.77 ft. Date 6/7/2002

Dynamic Water Level (pump on): NA ft. Date NA

SECTION III Rate of flow and volume diverted

Meter Information:

Make Sparling Model No. Serial No. 91300

Does the meter totalizer measure in acre-feet or gallons? What is the multiplier? 1000
(circle one)

Does the meter rate of flow indicator show gpm or cfs? What is the multiplier? 1000
(circle one)

For meters without rate of flow indicators, check here ☐ and see page 4 for rate measurement methods.

(meter information on page 4)

Note: Reading the meter totalizer, flow rate and discharge pressure should be taken and recorded once a month on or near the same day.

Date (enter date of reading)	Totalizer Reading	Flow rate cfs or gpm	Discharge Pressure
2003			
January 31	955,244,000		
February 28	955,244,000		
March 31	955,244,000		
April 30	955,244,000		
May 31	955,244,000		
June 30	955,244,000		
July 31	959,502,000	~200	NA
August 31	959,502,000		
September 30	959,502,000		
October 31	959,502,000		
November 30	959,502,000		
December 31	959,502,000		

Does totalizer reading above include meter multiplier? X Yes No

Total Acre-feet 13 **OR Total Gallons** 4,258,000
(there are 325,850 gallons per acre feet)

Comments: (If the flowmeter was installed, calibrated, or replaced during 1999, please note the date.)
Only used for brief period in summer to meet United Water -Idaho peak flow demand.

SECTION IV Crop information and method of irrigation for land being served by this pump.
List each type of crop, the number of acres grown, and the number of acres irrigated with each of the irrigation system methods.

Crop	Acres	How irrigated? (no. of acres each method)	
		Sprinkler(Acres)	Surface(acres)
NA			
**	**		
Total acres			

**** Show the numbers of acres which is irrigated cropland but was NOT irrigated for some reason this year.**

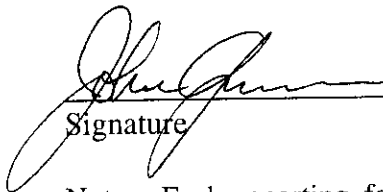
SECTION V Modifications made in 2003

Describe in the space below any major modifications made to the diversion work or piping system which would affect system capacity or accuracy of the flow measurements during 2002. Attach drawings, sketches, photographs, notes or design information if needed.

NA

SECTION VI Certification

I hereby certify that the above reported information is correct to the best of my knowledge and that I recognize that willful submittal of false or inaccurate data is a violation of law subject to the penalty provisions of Sections 42-311, 42-350 and 42-351, Idaho Code.


Water Services Manager
3-10-04
 Signature Title Date

Note: Each reporting form shall be accompanied by a report processing fee in the amount of **twenty-five dollars (\$25) per diversion** made payable to the Idaho Department of Water Resources. (Section 42-702(6), Idaho Code). **Report fee is not required if no water was diverted during 2002.**

For Department Use Only

Received by HG Date 3/16/04 Time 1:56
 Fee amount submitted 25.00 Correct? yes ☒ no ☐
 Receipted by HG Receipt No. W031386
 Data entry by _____ Date _____

OK - R 5/14/04

\$75 check for 3 Reports, OK ✓

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

RECEIVED

MAR 16 2004

WATER RESOURCES
WESTERN REGION***THIS IS YOUR 2003 WATER MEASUREMENT ANNUAL REPORT*****For the Water Measurement Program –
MEASURING DEVICE METHOD FOR TOTALIZING FLOW METERS
IRRIGATION WELLS**

ATTENTION: Year end data must be submitted to Idaho Department of Water Resources
2731 Airport Way, Boise Idaho 83705, on or before:
March 15, 2004.

NOTE: A separate reporting form must be submitted for each diversion.

This report form may be used for the following diversion:

Name:	Micron Well 3
Water Right No:	63-09357, 63-10208, 63-11293, 63-31183
Legal Description:	T2N R3E Sec.7 SW¼ NW ¼
Site Tag No:	006149
Diversion Name:	Micron Well 3

SECTION I Water Right Holder/Operator information

Name and Address of Water Right Holder Please check for address correction. ☐

Current Owner

Name Micron Technology, Inc Phone (208)368-4000
Last, First, MI

Address 8000 S. Federal Way Fax (208)368-5555

City Boise State & Zip ID 83716

Original Owner (if sold within last year)

Name _____ Phone _____
Last, First, MI

Address _____ Fax _____

City _____ State & Zip _____

Operator or Contact Person)

Name _____ Phone _____
Last, First, MI

Address _____ Fax _____

City _____ State & Zip _____

SECTION II**Well Information**

Depth to water. Record the date, if the pump was on or off, of if other nearby pumps were on.

Static Water Level (pump off, water level stable): 480 ft. Date 4-23-03

Dynamic Water Level (pump on): 533 ft. Date 8-31-03

SECTION III Rate of flow and volume diverted

Meter Information:

Make Dieterich Model No. DFCII IMN2XX3XX4XX P3ESTRATXAXX DS Serial No. F278317.1.2

Does the meter totalizer measure in acre-feet or gallons? What is the multiplier? 10X
(*bold italic one*)

Does the meter rate of flow indicator show gpm or cfs? What is the multiplier? 1X
(*bold italic one*)

For meters without rate of flow indicators, check here ☐ and see page 4 for rate measurement methods.

(meter information on page 4)

Note: Reading the meter totalizer, flow rate and discharge pressure should be taken and recorded once a month on or near the same day.

Date (enter date of reading)	Totalizer Reading	Flow rate gpm	Discharge Pressure
2003			
January 31	16,999,605	647	34
February 28	42,219,784	626	76
March 31	68,814,493	596	53
April 30	86,098,043	400	48
May 31	9,343,062	521	46
June 30	38,742,336	681	62
July 31	69,485,726	689	46
August 31	95,341,105	579	50
September 30	23,642,296	655	40
October 31	52,739,620	652	56
November 30	82,058,472	679	48
December 31	10,833,651	645	53

Does totalizer reading above include meter multiplier? Yes X No

Total Acre-feet 990 **OR Total Gallons** 322,709,334
(there are 325,850 gallons per acre feet)

Comments: (If the flow meter was installed, calibrated, or replaced during 1999, please note the date.)

Totalized flow tracked using NETVISION.

SECTION IV Crop information and method of irrigation for land being served by this pump.
List each type of crop, the number of acres grown, and the number of acres irrigated with each of the irrigation system methods.

Crop	Acres	How irrigated? (no. of acres each method)	
		Sprinkler(Acres)	Surface(acres)
NA			
**	**		
Total acres			

**** Show the numbers of acres which is irrigated cropland but was NOT irrigated for some reason this year.**

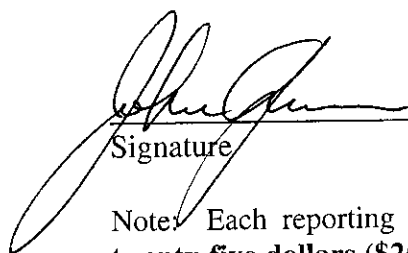
SECTION V Modifications made in 2002

Describe in the space below any major modifications made to the diversion work or piping system which would affect system capacity or accuracy of the flow measurements during 2002. Attach drawings, sketches, photographs, notes or design information if need:

NA

SECTION VI Certification

I hereby certify that the above reported information is correct to the best of my knowledge and that I recognize that willful submittal of false or inaccurate data is a violation of law subject to the penalty provisions of Sections 42-311, 42-350 and 42-351, Idaho Code.



Signature

Water Services Manager

Title

3-10-04

Date

Note: Each reporting form shall be accompanied by a report processing fee in the amount of **twenty-five dollars (\$25) per diversion** made payable to the Idaho Department of Water Resources. (Section 42-702(6), Idaho Code). **Report fee is not required if no water was diverted during 2002.**

For Department Use Only

Received by KG Date 3/16/04 Time 1:56

Fee amount submitted 2500 Correct? yes ☒ no ☐

Receipted by KG Receipt No. W031386

Data entry by _____ Date _____

OK - J 5/14/04

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

RECEIVED

MAR 16 2004

WATER RESOURCES
WESTERN REGION***THIS IS YOUR 2003 WATER MEASUREMENT ANNUAL REPORT******For the Water Measurement Program –
MEASURING DEVICE METHOD FOR TOTALIZING FLOW METERS
IRRIGATION WELLS***

ATTENTION: Year end data must be submitted to Idaho Department of Water Resources
2731 Airport Way, Boise Idaho 83705, on or before:
March 15, 2004.

NOTE: A separate reporting form must be submitted for each diversion.

This report form may be used for the following diversion:

Name:	Micron Well 4
Water Right No:	63-09357, 63-10208, 63-11293, 63-31183
Legal Description:	T2N R3E Sec.7 NE¼ SW¼
Site Tag No:	006153
Diversion Name:	Micron Well 4

SECTION I Water Right Holder/Operator information

Name and Address of Water Right Holder Please check for address correction. ☐

Current Owner

Name Micron Technology, Inc Phone (208)368-4000
Last, First, MI

Address 8000 S. Federal Way Fax (208)368-5555

City Boise State & Zip ID 83716

Original Owner (if sold within last year)

Name _____ Phone _____
Last, First, MI

Address _____ Fax _____

City _____ State & Zip _____

Operator or Contact Person)

Name _____ Phone _____
Last, First, MI

Address _____ Fax _____

City _____ State & Zip _____

SECTION II**Well Information**

Depth to water. Record the date, if the pump was on or off, of if other nearby pumps were on.

Static Water Level (pump off, water level stable): 460 ft. Date 4-12-96

Dynamic Water Level (pump on): 598 ft. Date 12-1998

SECTION III Rate of flow and volume diverted

Meter Information:

Make EMCO V-Bar Model No. 699-2NPT Serial No. 150503-B001

Does the meter totalizer measure in acre-feet or *gallons*?
(*bold italic one*)

What is the multiplier? 1X

Does the meter rate of flow indicator show *gpm* or *cfs*?
(*bold italic one*)

What is the multiplier? 1X

For meters without rate of flow indicators, check here ☐ and see page 4 for rate measurement methods.

(meter information on page 4)

Note: Reading the meter totalizer, flow rate and discharge pressure should be taken and recorded once a month on or near the same day.

Date (enter date of reading)	Totalizer Reading	Flow rate gpm	Discharge Pressure
2003			
January 31	41,068,450	1,065	17
February 28	82,901,076	1,038	38
March 31	28,394,948	1,019	45
April 30	73,459,779	1,043	36
May 31	18,291,329	1,004	34
June 30	60,889,328	986	44
July 31	4,930,995	987	39
August 31	48,424,620	974	32
September 30	91,000,972	986	28
October 31	35,039,693	987	38
November 30	78,312,264	1,002	28
December 31	22,409,134	988	32

Does totalizer reading above include meter multiplier? Yes X No

Total Acre-feet 1,623 OR Total Gallons 528,875,417
(there are 325,850 gallons per acre feet)

Comments: (If the flow meter was installed, calibrated, or replaced during 1999, please note the date.)
Totalized flow tracked using NETVISION.

SECTION IV Crop information and method of irrigation for land being served by this pump. List each type of crop, the number of acres grown, and the number of acres irrigated with each of the irrigation system methods.

Crop	Acres	How irrigated? (no. of acres each method)	
		Sprinkler(Acres)	Surface(acres)
NA			
**	**		
Total acres			

**** Show the numbers of acres which is irrigated cropland but was NOT irrigated for some reason this year.**

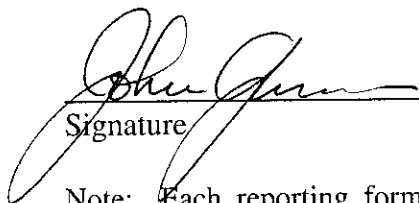
SECTION V Modifications made in 2002

Describe in the space below any major modifications made to the diversion work or piping system which would affect system capacity or accuracy of the flow measurements during 2002. Attach drawings, sketches, photographs, notes or design information if needed:

NA

SECTION VI Certification

I hereby certify that the above reported information is correct to the best of my knowledge and that I recognize that willful submittal of false or inaccurate data is a violation of law subject to the penalty provisions of Sections 42-311, 42-350 and 42-351, Idaho Code.

	Water Services Manager	3-10-04
Signature	Title	Date

Note: Each reporting form shall be accompanied by a report processing fee in the amount of **twenty-five dollars (\$25) per diversion** made payable to the Idaho Department of Water Resources. (Section 42-702(6), Idaho Code). **Report fee is not required if no water was diverted during 2002.**

For Department Use Only

Received by <u>KL</u>	Date <u>3/16/04</u>	Time <u>1:56</u>
Fee amount submitted <u>2500</u>	Correct? yes ☒ no ☐	
Receipted by <u>KL</u>	Receipt No. <u>W031386</u>	
Data entry by _____	Date _____	

OK - JL 5/14/04



RECEIVED

MAR 07 2003

WATER RESOURCES
WESTERN REGION

Micron Technology, Inc.
8000 S. Federal Way
P.O. Box 6
Boise, ID 83707-0006
208.368.4000

March 7, 2003

Mr. Steve Lester
Water Rights Supervisor
State of Idaho, Department of Water Resources
2735 Airport Way
Boise, ID 83705-5082

RE: 2002 Water Measurement Annual Report

Dear Mr. Lester:

Enclosed please find the Idaho Department of Water Resources (IDWR) 2002 Water Measurement Annual Report for Micron Technology, Inc. Report forms are included for Micron Wells 3, 4, and 5, as no water was physically diverted from Gowen Well or Oregon Trail Well during 2002. Also enclosed is * the \$25 processing fee per diversion for Micron Wells 3, 4, and 5 only.

Micron diverted a total of 2,647 acre-feet from Wells 3, 4, and 5 during 2002. Please refer to the Water Measurement Reports included. From January 1, 2002, through February 14, 2002, 44.6 acre-feet, 54.4 acre-feet, and 190 acre-feet was accounted for using Water Right Licenses #63-09357, #63-10208, and #63-11293, respectively, as authorized under IDWR Transfer 4758. From February 15, 2002, through December 31, 2002, 806 acre-feet was accounted for using Water Right License #63-09029 and 1,268 acre-feet was accounted for using Water Right License #63-08992, as authorized under IDWR Transfer 68944.

Micron recharged 459 acre-feet in 2002, recovered 284 acre-feet of that recharged within the calendar year using the Water Permit #63-31183, and will carryover the remaining 175 acre-feet. Total amount in storage at the end of 2002 is 568 acre-feet. Please refer to Table 1, *Mitigation Calculations through End of Year 2002*.

If you have any questions or need additional information, please contact me at 368-4358.

Sincerely,

John Chapman
Water Services Manager

JC/mi

Enclosures

LICENSES = 44.6
54.4
190.0
806.0
1268.0

Permit = 284.0
TOTAL = 2647

Establishing B.M.
e permit

Concept discussed &
Endorsed by Gary S.
prior to Micron's submission
of this info.

OK fl 3/10/03

The future of memory

* paid \$75 = 3 wells, OK

Micron Aquifer Recharge and Recovery Project

RECEIVED

MAR 07 2003

WATER RESOURCES
WESTERN REGION

Table 1.
Mitigation Calculations through End of Year 2002

A	B	C	D	E	F
Year	Water Injected (acre feet)	Water Pumped (acre feet)	Net Volume to/from Aquifer Storage (acre feet)	Annual 10% Loss From Storage (acre feet)	End of Year Storage (acre feet)
2001	437	0	437	0	437
2002	459	284	175	44	568

Column A is the calendar year, each starting January 1 and ending December 31.

Column B is acre feet of water injected into the aquifer for mitigation purposes during the calendar year.

Column C is acre feet of water pumped from the aquifer under the permit during the calendar year.

Column D is the net acre feet added or subtracted from storage during the calendar year

Column E is the loss from storage (10% of the water held in storage during the previous year)

Column F is the acre feet of water held in aquifer storage at the end of the calendar year

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

RECEIVED

MAR 07 2003

WATER RESOURCES
WESTERN REGION***THIS IS YOUR 2002 WATER MEASUREMENT ANNUAL REPORT*****For the Water Measurement Program –
MEASURING DEVICE METHOD FOR TOTALIZING FLOW METERS
IRRIGATION WELLS**

ATTENTION: Year end data must be submitted to Idaho Department of Water Resources
2731 Airport Way, Boise Idaho 83705, on or before:
March 15, 2003.

NOTE: A separate reporting form must be submitted for each diversion.

This report form may be used for the following diversion:

Name:	Micron Well 3
Water Right No:	63-09357, 63-10208, 63-11293, 63-08992, 63-09029, 63-31183
Legal Description:	T2N R3E Sec.7 SW¼ NW ¼
Site Tag No:	006149
Diversion Name:	Micron Well 3

SECTION I Water Right Holder/Operator information

Name and Address of Water Right Holder

Please check for address correction. ☐***Current Owner***Name Micron Technology, Inc Phone (208)368-4000
Last, First, MIAddress 8000 S. Federal Way Fax (208)368-5555City Boise State & Zip ID 83716***Original Owner (if sold within last year)***Name _____ Phone _____
Last, First, MI

Address _____ Fax _____

City _____ State & Zip _____

Operator or Contact Person)Name _____ Phone _____
Last, First, MI

Address _____ Fax _____

City _____ State & Zip _____

SECTION II**Well information**

Depth to water. Record the date, if the pump was on or off, of if other nearby pumps were on.

Static Water Level (pump off, water level stable): 405 ft. Date 4-30-91

Dynamic Water Level (pump on): 515 ft. Date 2-24-02

SECTION III**Rate of flow and volume diverted**

Meter Information:

Make Dieterich Model No. DFCII IMN2XX3XX4XX P3ESTRATXAXX DS Serial No. F278317.1.2

Does the meter totalizer measure in acre-feet or *gallons*? What is the multiplier? 10X (See comments below)
(*bold italic one*)

Does the meter rate of flow indicator show *gpm* or *cfs*? What is the multiplier? 1X
(*bold italic one*)

For meters without rate of flow indicators, check here ☐ and see page 4 for rate measurement methods.

(meter information on page 4)

Note: Reading the meter totalizer, flow rate and discharge pressure should be taken and recorded once a month on or near the same day.

Date (enter date of reading)	Totalizer Reading	Flow rate gpm	Discharge Pressure
December 31, 2001	12,766,212		
2002			
January 31	15,572,070	624	64
February 28	18,035,823	580	72
March 31	20,632,884	519	66
April 30	23,209,281	599	64
May 31	26,281,207	597	64
June 30	28,406,216	606	61
July 31	53,905,187	580	56
August 31	83,871,941	660	38
September 30	11,186,252	780	38
October 31	36,268,291	550	30
November 30	60,664,142	550	30
December 31	88,055,087	600	43

Does totalizer reading above include meter multiplier? Yes X No

Total Acre-feet 978 **OR Total Gallons** 318,811,786
(there are 325,850 gallons per acre feet)

Comments: (If the flow meter was installed, calibrated, or replaced during 1999, please note the date.)
Well 3 power supply was hit by lightning on July 15. Totalizer was replaced. Totalized flow tracked
using NETVISION from July 15, 2002 through December 31, 2002 and to present. Also, the multiplier
used for new totalizer changed from 10X to 1X.

ok

SECTION IV Crop information and method of irrigation for land being served by this pump.
List each type of crop, the number of acres grown, and the number of acres irrigated with each of the irrigation system methods.

Crop	Acres	How irrigated? (no. of acres each method)	
		Sprinkler(Acres)	Surface(acres)
NA			
**	**		

Total acres

**** Show the numbers of acres which is irrigated cropland but was NOT irrigated for some reason this year.**

SECTION V Modifications made in 2002

Describe in the space below any major modifications made to the diversion work or piping system which would affect system capacity or accuracy of the flow measurements during 2002. Attach drawings, sketches, photographs, notes or design information if needed.

Added a booster pump to the system.

SECTION VI Certification

I hereby certify that the above reported information is correct to the best of my knowledge and that I recognize that willful submittal of false or inaccurate data is a violation of law subject to the penalty provisions of Sections 42-311, 42-350 and 42-351, Idaho Code.

Signature

Water Services Manager

Title

3-5-03

Date

Note: Each reporting form shall be accompanied by a report processing fee in the amount of **twenty-five dollars (\$25) per diversion** made payable to the Idaho Department of Water Resources. (Section 42-702(6), Idaho Code). **Report fee is not required if no water was diverted during 2002.**

For Department Use Only

Received by At Date 3-7-03 Time 11:30 A.

Fee amount submitted 25⁰⁰ Correct? yes ☒ no ☐

Receipted by At Receipt No. W030160

Data entry by SC Date 1/5/04

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

RECEIVED

MAR 07 2003

THIS IS YOUR 2002 WATER MEASUREMENT ANNUAL REPORTWATER RESOURCES
SOUTHERN REGION**For the Water Measurement Program –
MEASURING DEVICE METHOD FOR TOTALIZING FLOW METERS
IRRIGATION WELLS**

ATTENTION: Year end data must be submitted to Idaho Department of Water Resources
2731 Airport Way, Boise Idaho 83705, on or before:
March 15, 2003.

NOTE: A separate reporting form must be submitted for each diversion.

This report form may be used for the following diversion:

Name:	Micron Well 4
Water Right No:	63-09357, 63-10208, 63-11293, 63-08992, 63-09029, 63-31183
Legal Description:	T2N R3E Sec.7 NE¼ SW¼
Site Tag No:	006153
Diversion Name:	Micron Well 4

SECTION I Water Right Holder/Operator information

Name and Address of Water Right Holder

Please check for address correction. ☐**Current Owner**Name Micron Technology, Inc Phone (208)368-4000
Last, First, MIAddress 8000 S. Federal Way Fax (208)368-5555City Boise State & Zip ID 83716**Original Owner (if sold within last year)**Name _____ Phone _____
Last, First, MI

Address _____ Fax _____

City _____ State & Zip _____

Operator or Contact Person)Name _____ Phone _____
Last, First, MI

Address _____ Fax _____

City _____ State & Zip _____

SECTION II**Well information**

Depth to water. Record the date, if the pump was on or off, of if other nearby pumps were on.

Static Water Level (pump off, water level stable): 460 ft. Date 4-12-96

Dynamic Water Level (pump on): 598 ft. Date 12-1998

SECTION III**Rate of flow and volume diverted**

Meter Information:

Make EMCO V-Bar Model No. 699-2NPT Serial No. 150503-B001

Does the meter totalizer measure in acre-feet or *gallons*?
(*bold italic one*)

What is the multiplier? 1X

Does the meter rate of flow indicator show *gpm* or *cfs*?
(*bold italic one*)

What is the multiplier? 1X

For meters without rate of flow indicators, check here ☐ and see page 4 for rate measurement methods.

(meter information on page 4)

Note: Reading the meter totalizer, flow rate and discharge pressure should be taken and recorded once a month on or near the same day.

Date (enter date of reading)	Totalizer Reading	Flow rate gpm	Discharge Pressure
December 31, 2001	58,532,020		
2002			
January 31	95,349,999	839	48
February 28	31,612,859	1,070	59
March 31	79,032,253	1,080	48
April 30	25,429,066	1,070	44
May 31	81,149,891	1,080	52
June 30	19,710,541	1,080	42
July 31	67,616,638	1,000	38
August 31	15,304,390	1,080	24
September 30	61,302,477	1,070	18
October 31	9,265,134	1,070	22
November 30	55,594,779	1,050	22
December 31	2,907,456	1,050	27

Does totalizer reading above include meter multiplier? Yes ☐ No ☒

Total Acre-feet 1,667 **OR Total Gallons** 530,083,453
(there are 325,850 gallons per acre feet)

Comments: (If the flow meter was installed, calibrated, or replaced during 1999, please note the date.)

None

SECTION IV Crop information and method of irrigation for land being served by this pump.
List each type of crop, the number of acres grown, and the number of acres irrigated with each of the irrigation system methods.

Crop	Acres	How irrigated? (no. of acres each method)	
		Sprinkler(Acres)	Surface(acres)
NA			
**	**		
Total acres			

**** Show the numbers of acres which is irrigated cropland but was NOT irrigated for some reason this year.**

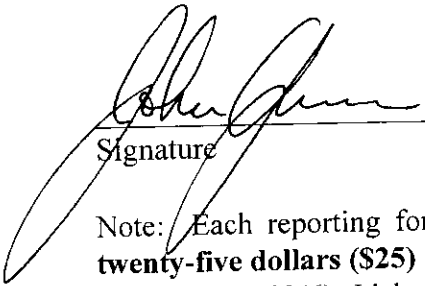
SECTION V Modifications made in 2002

Describe in the space below any major modifications made to the diversion work or piping system which would affect system capacity or accuracy of the flow measurements during 2002. Attach drawings, sketches, photographs, notes or design information if needed.

Added a booster pump to the system.

SECTION VI Certification

I hereby certify that the above reported information is correct to the best of my knowledge and that I recognize that willful submittal of false or inaccurate data is a violation of law subject to the penalty provisions of Sections 42-311, 42-350 and 42-351, Idaho Code.

 Water Services Manager
Signature Title

3-5-03
Date

Note: Each reporting form shall be accompanied by a report processing fee in the amount of **twenty-five dollars (\$25) per diversion** made payable to the Idaho Department of Water Resources. (Section 42-702(6), Idaho Code). **Report fee is not required if no water was diverted during 2002.**

For Department Use Only

Received by At Date 3-2-03 Time 11:30 AM
Fee amount submitted 25.00 Correct? yes ☒ no ☐
Receipted by At Receipt No. W030160
Data entry by SL Date 1/5/04

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

RECEIVED

MAR 07 2003

WATER RESOURCES
WESTERN REGION***THIS IS YOUR 2002 WATER MEASUREMENT ANNUAL REPORT*****For the Water Measurement Program –
MEASURING DEVICE METHOD FOR TOTALIZING FLOW METERS
IRRIGATION WELLS**

ATTENTION: Year end data must be submitted to Idaho Department of Water Resources
2731 Airport Way, Boise Idaho 83705, on or before:
March 15, 2003.

NOTE: A separate reporting form must be submitted for each diversion.

This report form may be used for the following diversion:

Name:	Micron Well 5
Water Right No:	63-08992, 63-09029, 63-31183
Legal Description:	T2N R3E Sec.7 SW¼ NE¼
Site Tag No:	D0000182
Diversion Name:	Micron Well 5

SECTION I Water Right Holder/Operator information

Name and Address of Water Right Holder

Please check for address correction. ☐***Current Owner***Name Micron Technology, IncPhone (208)368-4000

Last, First, MI

Address 8000 S. Federal WayFax (208)368-5555City BoiseState & Zip ID 83716***Original Owner (if sold within last year)***

Name _____

Phone _____

Last, First, MI

Address _____

Fax _____

City _____

State & Zip _____

Operator or Contact Person)

Name _____

Phone _____

Last, First, MI

Address _____

Fax _____

City _____

State & Zip _____

SECTION II Water information

Depth to water. Record the date, if the pump was on or off, of if other nearby pumps were on.

Static Water Level (pump off, water level stable): 489.63 ft. Date 3-25-02

Dynamic Water Level (pump on): 519.75 ft. Date 2-1-01

SECTION III Rate of flow and volume diverted

Meter Information:

Make Polysonics Model No. DCT-1088 Serial No. 47679

Does the meter totalizer measure in acre-feet or *gallons*? What is the multiplier? 1X
(*bold italic one*)

Does the meter rate of flow indicator show *gpm* or *cfs*? What is the multiplier? 1X
(*bold italic one*)

For meters without rate of flow indicators, check here ☐ and see page 4 for rate measurement methods.

(meter information on page 4)

Note: Reading the meter totalizer, flow rate and discharge pressure should be taken and recorded once a month on or near the same day.

Date (enter date of reading)	Totalizer Reading	Flow rate gpm	Discharge Pressure
2002			
January 31	0		
February 28	0		
March 31	0		
April 30	0		
May 31	693,677	800	10
June 30	693,677		
July 31	693,677		
August 31	693,677		
September 30	693,677		
October 31	693,677		
November 30	693,677		
December 31	693,677		

Does totalizer reading above include meter multiplier? Yes X No

Total Acre-feet 2.13 OR Total Gallons 693,677
(there are 325,850 gallons per acre feet)

Comments: (If the flow meter was installed, calibrated, or replaced during 1999, please note the date.)

None

SECTION IV Crop information and method of irrigation for land being served by this pump.
List each type of crop, the number of acres grown, and the number of acres irrigated with each of the irrigation system methods.

Crop	Acres	How irrigated? (no. of acres each method)	
		Sprinkler(Acres)	Surface(acres)
NA			
**	**		

Total acres

**** Show the numbers of acres which is irrigated cropland but was NOT irrigated for some reason this year.**

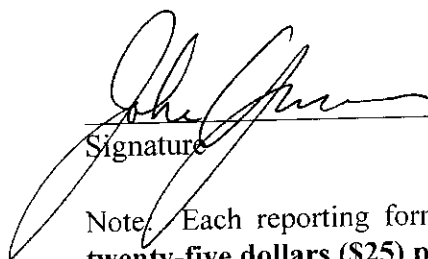
SECTION V Modifications made in 2002

Describe in the space below any major modifications made to the diversion work or piping system which would affect system capacity or accuracy of the flow measurements during 2002. Attach drawings, sketches, photographs, notes or design information if needed.

NA

SECTION VI Certification

I hereby certify that the above reported information is correct to the best of my knowledge and that I recognize that willful submittal of false or inaccurate data is a violation of law subject to the penalty provisions of Sections 42-311, 42-350 and 42-351, Idaho Code.



Signature

Water Services Manager

Title

3-5-03

Date

Note: Each reporting form shall be accompanied by a report processing fee in the amount of **twenty-five dollars (\$25) per diversion** made payable to the Idaho Department of Water Resources. (Section 42-702(6), Idaho Code). **Report fee is not required if no water was diverted during 2002.**

For Department Use Only

Received by AT Date 3-7-03 Time 11:30 Am
 Fee amount submitted 25.00 Correct? yes ☒ no ☐
 Receipted by AT Receipt No. W030160
 Data entry by SE Date 3-7-03



RECEIVED

DEC 04 2007

DEPARTMENT OF
WATER RESOURCES

Micron Technology, Inc.

8000 S. Federal Way

P.O. Box 6

Boise, ID 83707-0006

208.368.4000

March 12, 2002

CERTIFIED MAIL# 7099 3220 0004 3333 9537

Mr. Steve Lester
Water Rights Supervisor
State of Idaho, Department of Water Resources
2735 Airport Way
Boise, ID 83705-5082

RECEIVED

MAR 14 2002

WATER RESOURCES
WESTERN REGION

Re: 2001 Water Measurement Annual Report

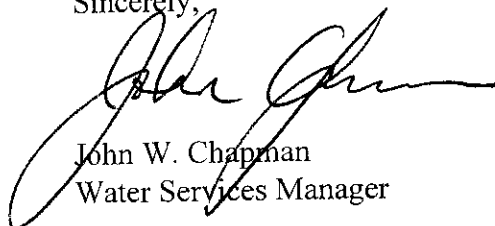
Dear Mr. Lester:

Enclosed please find the Idaho Department of Water Resources (IDWR) 2001 Water Measurement Annual Report for Micron Technology, Inc. Report forms are included for Micron wells 3 and 4 and the Gowen and Oregon Trail wells. Also enclosed is the \$25 processing fee per diversion for Micron wells 3 and 4 only, as no water was diverted from Gowen or Oregon Trail during 2001.

MTI brought well 5, the on-site Aquifer Recharge and Recovery (ARR) well, on line in early 2001. During 2001 water was injected but not diverted from well 5. MTI received the Permit to Appropriate water (permit #63-31183) for well 5 on February 14, 2002.

If you have any questions or need additional information, please contact me at 368-4358.

Sincerely,



John W. Chapman
Water Services Manager

SMB/dfm

Enclosures

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

THIS IS YOUR 2001 WATER MEASUREMENT ANNUAL REPORT

For the Water Measurement Program
MEASURING DEVICE METHOD FOR TOTALIZING FLOW METERS
FOR WELLS

ATTENTION: Year end data must be submitted to Idaho Department of Water Resources,
2735 Airport Way, Boise ID 83705, by:

MARCH 15, 2002.

NOTE: A separate reporting form must be submitted for each diversion.

This report form may be used for the following diversion:

Name:	Micron 3
Water Right Nos:	Transfer 4758
Legal Description:	T 2N R 3E Sec. 7 SW 3 NW 3 3
Site Tag No:	006149
Diversion Name:	

SECTION I Water Right Holder/Operator information

Name and Address of Water Right Holder

Please check for address correction. ☐

Current Owner

Name Micron Technology, Inc.
Last, First, MI

Phone (208) 368-4000

Address 8000 S. Federal Way

Fax (208) 368-5555

City Boise

State & Zip ID 83716

Original Owner (if sold within last year)

Name _____
Last, First, MI

Phone _____

Address _____

Fax _____

City _____

State & Zip _____

Operator or Contact Person

Name _____
Last, First, MI

Phone _____

Address _____

Fax _____

City _____

State & Zip _____

SECTION II Well Information

Depth to water. Record the date, if the pump was on or off, or if other nearby pumps were on.

Static Water Level (pump off, water level stable): 405 ft Date 4/30/91
 Dynamic Water Level (pump on): 519 ft Date 11/2001

SECTION III Rate of flow and volume diverted

Meter information:

DFCII

IMN2XX3XX4XX

P3ESTRATXAXX

Make Dieterich Model No. DS Serial No. F278317.1.2

Does the meter totalizer measure in acre-feet or gallons? What is the multiplier? 10X
 (circle one)

Does the meter rate of flow indicator show gpm or cfs? What is the multiplier? 1X
 (circle one)

Note: Reading of the meter totalizer, flow rate and discharge pressure should be taken and recorded once each month on or near the same day.

Date of Reading	Totalizer Reading	Flow Rate Circle one: cfs or <u>gpm</u>	Discharge Pressure
2000 End of Year	79,519,172	637	66
January 2001 (25)	82,085,689	639	61
February (22)	84,651,454	634	62
March (29)	87,879,830	636	62
April (26)	90,423,946	641	60
May (31)	93,691,965	642	61
June (28)	96,252,394	643	62
July (26)	98,777,806	620	63
August (30)	1,846,432	621	64
September (27)	4,297,767	596	63
October (25)	6,793,438	622	62
November (29)	9,902,348	636	62
December (27)	14,303,810	624	63
End of Year (Dec 31)			

Does totalizer reading above include meter multiplier? _____ Yes x No

Total Acre-feet 1010 OR Total Gallons _____
 (there are 325,850 gallons per acre feet)

SECTION III Modifications made in 2001

Please describe in the space below any major modifications made to the diversion works or piping system which would affect system capacity or accuracy of the flow measurements during 2001. Attach drawings, sketches, photographs, notes or design information if needed.

Not Applicable

Comments: (If the flowmeter was installed, calibrated, or replaced during 2001, please note the date.)

SECTION IV Certification

I hereby certify that the above reported information is correct to the best of my knowledge and that I recognize that willful submittal of false or inaccurate data is a violation of law subject to the penalty provisions of Sections 42-311, 42-350 and 42-351, Idaho Code.

Merrill Johnson Water Services Manager
Signature Title

3-22-02
Date

Note: Each reporting form shall be accompanied by a report processing fee in the amount of **twenty-five dollars (\$25) per diversion** made payable to the Idaho Department of Water Resources (Section 42-701(6), Idaho Code). **Fee is not required if no water was diverted in 2001.**

For Office Use Only

Received by KH Date 3/14/02 Time 10:07

Fee amount submitted 25⁰⁰ Correct? yes ☒ no ☐

Receipted by KH Receipt No. W028986

Reviewed by _____ Date _____

Data entry by SC Date 1/5/04

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

RECEIVED

MAR 14 2002

WATER RESOURCES
WESTERN REGION**THIS IS YOUR 2001 WATER MEASUREMENT ANNUAL REPORT**For the Water Measurement Program
MEASURING DEVICE METHOD FOR TOTALIZING FLOW METERS
FOR WELLSATTENTION: Year end data must be submitted to Idaho Department of Water Resources,
2735 Airport Way, Boise ID 83705, by:MARCH 15, 2002.NOTE: A separate reporting form must be submitted for each diversion.

This report form may be used for the following diversion:

Name:	Micron 4
Water Right Nos:	Transfer 4758
Legal Description:	T 2N R 3E Sec. 7 NE 3 SW 3 3
Site Tag No:	006153
Diversion Name:	

SECTION I Water Right Holder/Operator information

Name and Address of Water Right Holder

Please check for address correction. ☐*Current Owner*Name Micron Technology, Inc.
Last, First, MIPhone (208) 368-4000Address 8000 S. Federal WayFax (208) 368-5555City BoiseState & Zip ID 83716*Original Owner (if sold within last year)*Name _____
Last, First, MI

Phone _____

Address _____

Fax _____

City _____

State & Zip _____

*Operator or Contact Person*Name _____
Last, First, MI

Phone _____

Address _____

Fax _____

City _____

State & Zip _____

SECTION II Well Information

Depth to water. Record the date, if the pump was on or off, or if other nearby pumps were on.

Static Water Level (pump off, water level stable): 460 ft Date 4/12/96
Dynamic Water Level (pump on): 598 ft Date 12/1998

SECTION III Rate of flow and volume diverted

Meter information:

Make EMCO V-BAR Model No. 699-2NPT Serial No. 150503-B001

Does the meter totalizer measure in acre-feet or gallons? What is the multiplier? 1X
(circle one)

Does the meter rate of flow indicator show gpm or cfs? What is the multiplier? 1X
(circle one)

Note: Reading of the meter totalizer, flow rate and discharge pressure should be taken and recorded once each month on or near the same day.

Date of Reading	Totalizer Reading	Flow Rate Circle one: cfs or <u>gpm</u>	Discharge Pressure
2000 End of Year	24,530,855	796	48
January 2001 (<u>25</u>)	56,669,516	795	45
February (<u>22</u>)	88,709,667	792	45
March (<u>29</u>)	28,763,659	791	52
April (<u>26</u>)	60,576,215	796	50
May (<u>31</u>)	2,196,742	854	50
June (<u>28</u>)	35,931,735	801	54
July (<u>26</u>)	69,796,652	836	43
August (<u>30</u>)	12,814,162	837	55
September (<u>27</u>)	46,368,701	828	51
October (<u>25</u>)	80,341,241	843	45
November (<u>29</u>)	21,791,182	790	44
December (<u>27</u>)	53,824,179	808	50
End of Year (Dec 31)			

Does totalizer reading above include meter multiplier? _____ Yes X No

Total Acre-feet 1,316 OR Total Gallons _____
(there are 325,850 gallons per acre feet)

SECTION III Modifications made in 2001

Please describe in the space below any major modifications made to the diversion works or piping system which would affect system capacity or accuracy of the flow measurements during 2001. Attach drawings, sketches, photographs, notes or design information if needed.

Not Applicable

Comments:(If the flowmeter was installed, calibrated, or replaced during 2001, please note the date.)

SECTION IV Certification

I hereby certify that the above reported information is correct to the best of my knowledge and that I recognize that willful submittal of false or inaccurate data is a violation of law subject to the penalty provisions of Sections 42-311, 42-350 and 42-351, Idaho Code.

mm John Chen Water Services Manager 3-12-02
Signature Title Date

Note: Each reporting form shall be accompanied by a report processing fee in the amount of **twenty-five dollars (\$25) per diversion** made payable to the Idaho Department of Water Resources (Section 42-701(6), Idaho Code). **Fee is not required if no water was diverted in 2001.**

For Office Use Only

Received by Kh Date 3/14/02 Time 10:07

Fee amount submitted 25⁰⁰ Correct? yes ☒ no ☐

Receipted by Kh Receipt No. W02886

Reviewed by _____ Date _____

Data entry by SC Date 1/5/04

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

THIS IS YOUR 2001 WATER MEASUREMENT ANNUAL REPORT

For the Water Measurement Program
MEASURING DEVICE METHOD FOR TOTALIZING FLOW METERS
FOR WELLS

ATTENTION: Year end data must be submitted to Idaho Department of Water Resources,
2735 Airport Way, Boise ID 83705, by:

MARCH 15, 2002.

NOTE: A separate reporting form must be submitted for each diversion.

This report form may be used for the following diversion:

Name:	Oregon Trail Well
Water Right Nos:	63-08992
Legal Description:	T 3N R 3E Sec. 31 SE 3 NW 3 3
Site Tag No:	
Diversion Name:	

SECTION I Water Right Holder/Operator information

Name and Address of Water Right Holder

Please check for address correction. ☐

Current Owner

Name Micron Technology, Inc.
Last, First, MI

Phone (208) 368-4000

Address 8000 S. Federal Way

Fax (208) 368-5555

City Boise

State & Zip ID 83716

Original Owner (if sold within last year)

Name _____
Last, First, MI

Phone _____

Address _____

Fax _____

City _____

State & Zip _____

Operator or Contact Person

Name _____
Last, First, MI

Phone _____

Address _____

Fax _____

City _____

State & Zip _____

SECTION II Well Information

Depth to water. Record the date, if the pump was on or off, or if other nearby pumps were on.

Static Water Level (pump off, water level stable): 340.8 ft Date 11/27/01
Dynamic Water Level (pump on): _____ ft Date _____

SECTION III Rate of flow and volume diverted

Meter information:

Make Sparling Model No. _____ Serial No. 110872

Does the meter totalizer measure in acre-feet or gallons? What is the multiplier? 1000
(circle one)

Does the meter rate of flow indicator show gpm or cfs? What is the multiplier? 1000
(circle one)

Note: Reading of the meter totalizer, flow rate and discharge pressure should be taken and recorded once each month on or near the same day.

Date of Reading	Totalizer Reading	Flow Rate Circle one: cfs or gpm	Discharge Pressure
2000 End of Year	-	0	-
January 2001 ()	-	0	-
February ()	-	0	-
March ()	-	0	-
April ()	-	0	-
May ()	-	0	-
June ()	-	0	-
July ()	-	0	-
August ()	-	0	-
September ()	-	0	-
October ()	-	0	-
November ()	-	0	-
December ()	-	0	-
End of Year (Dec 31)	-	0	-

Does totalizer reading above include meter multiplier? _____ Yes _____ No

Total Acre-feet 0 OR Total Gallons _____
(there are 325,850 gallons per acre feet)

SECTION III Modifications made in 2001

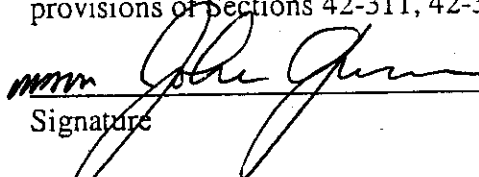
Please describe in the space below any major modifications made to the diversion works or piping system which would affect system capacity or accuracy of the flow measurements during 2001. Attach drawings, sketches, photographs, notes or design information if needed.

Not Applicable

Comments: (If the flowmeter was installed, calibrated, or replaced during 2001, please note the date.)

SECTION IV Certification

I hereby certify that the above reported information is correct to the best of my knowledge and that I recognize that willful submittal of false or inaccurate data is a violation of law subject to the penalty provisions of Sections 42-311, 42-350 and 42-351, Idaho Code.

 Water Services Manager
Signature Title Date 3-12-02

Note: Each reporting form shall be accompanied by a report processing fee in the amount of twenty-five dollars (\$25) per diversion made payable to the Idaho Department of Water Resources (Section 42-701(6), Idaho Code). Fee is not required if no water was diverted in 2001.

For Office Use Only

Received by KG Date 3/14/02 Time 10:07

Fee amount submitted 0 Correct? yes ☒ no ☐

Receipted by _____ Receipt No. _____

Reviewed by _____ Date _____

Data entry by SC Date 1/5/04

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

RECEIVED

MAR 14 2002

WATER RESOURCES
WESTERN REGION

THIS IS YOUR 2001 WATER MEASUREMENT ANNUAL REPORT

For the Water Measurement Program
**MEASURING DEVICE METHOD FOR TOTALIZING FLOW METERS
FOR WELLS**

ATTENTION: Year end data must be submitted to Idaho Department of Water Resources,
2735 Airport Way, Boise ID 83705, by:

MARCH 15, 2002.

NOTE: A separate reporting form must be submitted for each diversion.

This report form may be used for the following diversion:

Name:	Gowen Well
Water Right Nos:	63-09029
Legal Description:	T 2N R 3E Sec. 1 3 3 3
Site Tag No:	
Diversion Name:	

SECTION I Water Right Holder/Operator information

Name and Address of Water Right Holder

Please check for address correction. ☐

Current Owner

Name Micron Technology, Inc.
Last, First, MI

Phone (208) 368-4000

Address 8000 S. Federal Way

Fax (208) 368-5555

City Boise

State & Zip ID 83716

Original Owner (if sold within last year)

Name _____
Last, First, MI

Phone _____

Address _____

Fax _____

City _____

State & Zip _____

Operator or Contact Person

Name _____
Last, First, MI

Phone _____

Address _____

Fax _____

City _____

State & Zip _____

SECTION II Well Information

Depth to water. Record the date, if the pump was on or off, or if other nearby pumps were on.

Static Water Level (pump off, water level stable): 324 ft Date 5/2000
Dynamic Water Level (pump on): _____ ft Date _____

SECTION III Rate of flow and volume diverted

Meter information:

Make Sparling Model No. _____ Serial No. 91300

Does the meter totalizer measure in acre-feet or gallons? What is the multiplier? 1000
(circle one)

Does the meter rate of flow indicator show gpm or cfs? What is the multiplier? 1000
(circle one)

Note: Reading of the meter totalizer, flow rate and discharge pressure should be taken and recorded once each month on or near the same day.

Date of Reading	Totalizer Reading	Flow Rate Circle one: cfs or gpm	Discharge Pressure
2000 End of Year	-	0	-
January 2001 ()	-	0	-
February ()	-	0	-
March ()	-	0	-
April ()	-	0	-
May ()	-	0	-
June ()	-	0	-
July ()	-	0	-
August ()	-	0	-
September ()	-	0	-
October ()	-	0	-
November ()	-	0	-
December ()	-	0	-
End of Year (Dec 31)	-	0	-

Does totalizer reading above include meter multiplier? _____ Yes _____ No

Total Acre-feet 0 OR Total Gallons _____
(there are 325,850 gallons per acre feet)

SECTION III Modifications made in 2001

Please describe in the space below any major modifications made to the diversion works or piping system which would affect system capacity or accuracy of the flow measurements during 2001. Attach drawings, sketches, photographs, notes or design information if needed.

Not Applicable

Comments: (If the flowmeter was installed, calibrated, or replaced during 2001, please note the date.)

SECTION IV Certification

I hereby certify that the above reported information is correct to the best of my knowledge and that I recognize that willful submittal of false or inaccurate data is a violation of law subject to the penalty provisions of Sections 42-311, 42-350 and 42-351, Idaho Code.

man John Jones Water Services Manager 3-12-02
Signature Title Date

Note: Each reporting form shall be accompanied by a report processing fee in the amount of twenty-five dollars (\$25) per diversion made payable to the Idaho Department of Water Resources (Section 42-701(6), Idaho Code). Fee is not required if no water was diverted in 2001.

For Office Use Only

Received by KG Date 3/14/02 Time 10:07

Fee amount submitted 0 Correct? yes ☒ no ☐

Receipted by _____ Receipt No. _____

Reviewed by _____ Date _____

Data entry by SC Date 1/5/04

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

RECEIVED

MAR 13 2001

WATER RESOURCES
WESTERN REGION

THIS IS YOUR 2000 WATER MEASUREMENT ANNUAL REPORT

**For the Water Measurement Program -
MEASURING DEVICE METHOD FOR TOTALIZING FLOW METERS
IRRIGATION WELLS**

**ATTENTION: Year end data must be submitted to Idaho Department of Water Resources,
2735 Airport Way, Boise ID 83705, on or before:**

March 15, 2001.

NOTE: A separate reporting form must be submitted for each diversion.

This report form may be used for the following diversion:

Name:	Micron 3
Water Right Nos:	Transfer 4758
Legal Description:	T 2N R 3E S. 7 SW ¼ NW ¼ ¼
Site Tag No:	006149
Diversion Name:	

SECTION I Water Right Holder/Operator information

Name and Address of Water Right Holder

Please check for address correction. ☐

Current Owner

Name Micron Technology, Inc
Last, First, MI

Phone (208) 368-4000

Address 8000 S. Federal Way

Fax (208) 368-5555

City Boise

State & Zip ID 83716

Original Owner (if sold within last year)

Name _____
Last, First, MI

Phone _____

Address _____

Fax _____

City _____

State & Zip _____

Operator or Contact Person

Name _____
Last, First, MI

Phone _____

Address _____

Fax _____

City _____

State & Zip _____

SECTION II Well Information

Depth to water. Record the date, if the pump was on or off, or if other nearby pumps were on.

Static Water Level (pump off, water level stable): 405 ft Date 4/30/91

Dynamic Water Level (pump on): 523 ft Date 12/2000

SECTION III Rate of flow and volume diverted

Meter information:

DFCII

IMN2XX3XX4XX

Make Dieterich

Model No. P3ESTRATXAXX Serial No. F278317.1.2

DS

Does the meter totalizer measure in acre-feet or gallons? What is the multiplier? 10X
(circle one)

Does the meter rate of flow indicator show gpm or cfs? What is the multiplier? 1X
(circle one)

For meters without rate of flow indicators, check here ☐ and see page 4 for rate measurement methods.

(meter information on page 4)

Note: Reading of the meter totalizer, flow rate and discharge pressure should be taken and recorded once each month on or near the same day.

Date (date of reading)	Totalizer Reading	Flow Rate circle: cfs or gpm	Discharge Pressure
January (28)	48,314,901	571	80
February (25)	50,886,785	646	65
March (31)	54,049,883	616	65
April (28)	56,501,755	607	68
May (26)	58,998,771	616	64
June (30)	62,137,300	635	63
July (28)	64,646,558	614	65
August (25)	67,246,523	649	59
September (29)	70,564,186	687	52
October (27)	73,341,030	688	52
November (24)	76,128,527	700	50
December (29)	79,519,172	637	66

Does totalizer reading above include meter multiplier? Yes X No

Total Acre-feet 1033 OR Total Gallons
(there are 325,850 gallons per acre feet)

Comments:(If the flowmeter was installed, calibrated, or replaced during 2000, please note the date.)

Meter will be calibrated during 2001.

SECTION IV Crop information and method of irrigation for land being served by this pump.

List each type of crop, the number of acres grown, and the number of acres irrigated with each of the irrigation system methods.

<u>Crop</u>	<u>Acres</u>	<u>How irrigated? (no. of acres each method)</u>	
		<u>Sprinkler (acres)</u>	<u>Surface(acres)</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
** _____	** _____		
Total acres _____			

**** Show the numbers of acres which is irrigated cropland but was NOT irrigated for some reason this year.**

SECTION V Modifications made in 2000

Describe in the space below any major modifications made to the diversion works or piping system which would affect system capacity or accuracy of the flow measurements during 1999. Attach drawings, sketches, photographs, notes or design information if needed.

SECTION VI Certification

I hereby certify that the above reported information is correct to the best of my knowledge and that I recognize that willful submittal of false or inaccurate data is a violation of law subject to the penalty provisions of Sections 42-311, 42-350 and 42-351, Idaho Code.

Signature

Water Services Mgr

Title

Date

3-12-01

Note: Each reporting form shall be accompanied by a report processing fee in the amount of **twenty-five dollars (\$25) per diversion** made payable to the Idaho Department of Water Resources (Section 42-701(6), Idaho Code). **Report fee is not required if no water was diverted during 2000.**

For Department Use Only

Received by

Date

Time

Fee amount submitted

Correct? yes

no

Receipted by

Receipt No.

Reveiwed by

Date

Data entry by

Date

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

RECEIVED

MAR 13 2001

WATER RESOURCES
WESTERN REGION**THIS IS YOUR 2000 WATER MEASUREMENT ANNUAL REPORT****For the Water Measurement Program -
MEASURING DEVICE METHOD FOR TOTALIZING FLOW METERS
IRRIGATION WELLS****ATTENTION: Year end data must be submitted to Idaho Department of Water Resources,
2735 Airport Way, Boise ID 83705, on or before:****March 15, 2001.****NOTE: A separate reporting form must be submitted for each diversion.****This report form may be used for the following diversion:**

Name:	Micron 4
Water Right Nos:	Transfer 4758
Legal Description:	T 2N R 3E Sec. 7 NE ¼ SW ¼ ¼
Site Tag No:	006153
Diversion Name:	

SECTION I Water Right Holder/Operator information

Name and Address of Water Right Holder

Please check for address correction. ☐**Current Owner**

Name Micron Technology, Inc.

Phone (208) 368-4000

Last, First, MI

Address 8000 S. Federal Way

Fax (208) 368-5555

City Boise

State & Zip ID 83716

Original Owner (if sold within last year)

Name

Phone

Last, First, MI

Address

Fax

City

State & Zip

Operator or Contact Person

Name

Phone

Last, First, MI

Address

Fax

City

State & Zip

SECTION II Well Information

Depth to water. Record the date, if the pump was on or off, or if other nearby pumps were on.

Static Water Level (pump off, water level stable): 460 ft Date 4/12/96

Dynamic Water Level (pump on): 598 ft Date 12/1998

SECTION III Rate of flow and volume diverted

Meter information:

Make EMCO V-Bar Model No. 699-2NPT Serial No. 150503-B001

Does the meter totalizer measure in acre-feet or gallons? (circle one) What is the multiplier? 1X

Does the meter rate of flow indicator show gpm or cfs? (circle one) What is the multiplier? 1X

For meters without rate of flow indicators, check here ☐ and see page 4 for rate measurement methods.

(meter information on page 4)

Note: Reading of the meter totalizer, flow rate and discharge pressure should be taken and recorded once each month on or near the same day.

Date (date of reading)	Totalizer Reading	Flow Rate circle: cfs or gpm	Discharge Pressure
January (28)	45,014,717	777	48
February (25)	76,215,102	739	52
March (31)	13,193,160	723	52
April (28)	45,108,655	808	55
May (26)	78,664,888	836	52
June (30)	19,497,667	784	51
July (28)	51,441,173	780	47
August (25)	83,045,577	781	48
September (29)	14,487,930	781	42
October (27)	54,709,129	797	42
November (24)	86,464,776	755	38
December (29)	24,530,855	796	42

Does totalizer reading above include meter multiplier? Yes ☒ No

Total Acre-feet 1264 OR Total Gallons
(there are 325,850 gallons per acre feet)

Comments:(If the flowmeter was installed, calibrated, or replaced during 2000, please note the date.)

Meter calibrated June 1999

SECTION IV Crop information and method of irrigation for land being served by this pump.
List each type of crop, the number of acres grown, and the number of acres irrigated with each of the irrigation system methods.

Crop	Acres	How irrigated? (no. of acres each method)	
		Sprinkler (acres)	Surface(acres)
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
** _____	** _____		
Total acres _____			

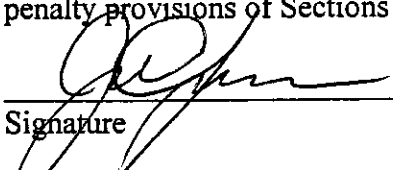
**** Show the numbers of acres which is irrigated cropland but was NOT irrigated for some reason this year.**

SECTION V Modifications made in 2000

Describe in the space below any major modifications made to the diversion works or piping system which would affect system capacity or accuracy of the flow measurements during 1999. Attach drawings, sketches, photographs, notes or design information if needed.

SECTION VI Certification

I hereby certify that the above reported information is correct to the best of my knowledge and that I recognize that willful submittal of false or inaccurate data is a violation of law subject to the penalty provisions of Sections 42-311, 42-350 and 42-351, Idaho Code.

	Water Services Mgr	3-12-01
Signature	Title	Date

Note: Each reporting form shall be accompanied by a report processing fee in the amount of **twenty-five dollars (\$25) per diversion** made payable to the Idaho Department of Water Resources (Section 42-701(6), Idaho Code). **Report fee is not required if no water was diverted during 2000.**

For Department Use Only

Received by <u>KG</u>	Date <u>3/13/01</u>	Time <u>10:57</u>
Fee amount submitted <u>25.00</u>	Correct? yes ☒ no ☐	
Receipted by <u>KG</u>	Receipt No. <u>60027442</u>	
Reveiwed by _____	Date _____	
Data entry by <u>SC</u>	Date <u>1/5/04</u>	

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

RECEIVED

MAR 13 2001

WATER RESOURCES
WESTERN REGION**THIS IS YOUR 2000 WATER MEASUREMENT ANNUAL REPORT****For the Water Measurement Program -
MEASURING DEVICE METHOD FOR TOTALIZING FLOW METERS
IRRIGATION WELLS****ATTENTION: Year end data must be submitted to Idaho Department of Water Resources,
2735 Airport Way, Boise ID 83705, on or before:****March 15, 2001.****NOTE: A separate reporting form must be submitted for each diversion.****This report form may be used for the following diversion:**

Name:	Oregon Trail Well
Water Right Nos:	63-08992
Legal Description:	T 3N R 3E Sec 31 SE 1/4 NW 1/4 1/4
Site Tag No:	
Diversion Name:	

SECTION I Water Right Holder/Operator information

Name and Address of Water Right Holder

Please check for address correction. ☐**Current Owner**Name Micron Technology, Inc.
Last, First, MI

Phone (208) 368-4000

Address 8000 S. Federal Way

Fax (208) 368-5555

City Boise

State & Zip ID 83716

Original Owner (if sold within last year)Name United Water
Last, First, MI

Phone (208) 362-1300

Address 8248 W. Victory Rd

Fax

City Boise

State & Zip ID 83709

Operator or Contact PersonName
Last, First, MI

Phone

Address

Fax

City

State & Zip

SECTION II Well Information

Depth to water. Record the date, if the pump was on or off, or if other nearby pumps were on.

Static Water Level (pump off, water level stable): 335.7 ft Date 11/2000 (depth from
Dynamic Water Level (pump on): _____ ft Date _____ ground surface)

SECTION III Rate of flow and volume diverted

Meter information:

Make Sparling Model No. _____ Serial No. 110872

Does the meter totalizer measure in acre-feet or gallons? What is the multiplier? 1000
(circle one)

Does the meter rate of flow indicator show gpm or cfs? What is the multiplier? 1000
(circle one)

For meters without rate of flow indicators, check here ☐ and see page 4 for rate measurement methods.

(meter information on page 4)

Note: Reading of the meter totalizer, flow rate and discharge pressure should be taken and recorded once each month on or near the same day.

Date (date of reading)	Totalizer Reading	Flow Rate circle: cfs or gpm	Discharge Pressure
January ()			
February ()			
March ()			
April ()			
May ()			
June ()			
July ()			
August ()			
September ()			
October ()			
November ()			
December ()			

Does totalizer reading above include meter multiplier? _____ Yes _____ No

Total Acre-feet _____ OR Total Gallons _____
(there are 325,850 gallons per acre feet)

Comments:(If the flowmeter was installed, calibrated, or replaced during 2000, please note the date.)

No planned diversions during 2001. Meter will be recalibrated upon well
start-up.

SECTION IV Crop information and method of irrigation for land being served by this pump.
List each type of crop, the number of acres grown, and the number of acres irrigated with each of the irrigation system methods.

Crop	Acres	How irrigated? (no. of acres each method)	
		Sprinkler (acres)	Surface(acres)
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
** _____	** _____		
Total acres _____			

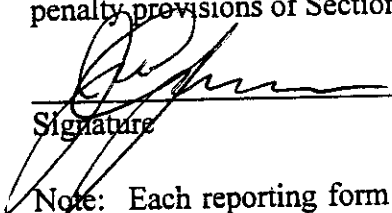
**** Show the numbers of acres which is irrigated cropland but was NOT irrigated for some reason this year.**

SECTION V Modifications made in 2000

Describe in the space below any major modifications made to the diversion works or piping system which would affect system capacity or accuracy of the flow measurements during 1999. Attach drawings, sketches, photographs, notes or design information if needed.

SECTION VI Certification

I hereby certify that the above reported information is correct to the best of my knowledge and that I recognize that willful submittal of false or inaccurate data is a violation of law subject to the penalty provisions of Sections 42-311, 42-350 and 42-351, Idaho Code.


Water Services Mgr
3-12-01
 Signature Title Date

Note: Each reporting form shall be accompanied by a report processing fee in the amount of **twenty-five dollars (\$25) per diversion** made payable to the Idaho Department of Water Resources (Section 42-701(6), Idaho Code). **Report fee is not required if no water was diverted during 2000.**

For Department Use Only

Received by R Date 3/13/07 Time 11:10
 Fee amount submitted N/A Correct? yes _____ no _____
 Receipted by _____ Receipt No. _____
 Reveiwed by _____ Date _____
 Data entry by SC Date 1/5/04

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

RECEIVED

MAR 13 2001

WATER RESOURCES
WESTERN REGION

THIS IS YOUR 2000 WATER MEASUREMENT ANNUAL REPORT

For the Water Measurement Program -
MEASURING DEVICE METHOD FOR TOTALIZING FLOW METERS
IRRIGATION WELLS

**ATTENTION: Year end data must be submitted to Idaho Department of Water Resources,
2735 Airport Way, Boise ID 83705, on or before:**

March 15, 2001.

NOTE: A separate reporting form must be submitted for each diversion.

This report form may be used for the following diversion:

Name:	Gowen Well
Water Right Nos:	63-09029
Legal Description:	T 2N R 3E Sec. 1 1/4 1/4 1/4
Site Tag No:	
Diversion Name:	

SECTION I Water Right Holder/Operator information

Name and Address of Water Right Holder

Please check for address correction. ☐

Current Owner

Name Micron Technology, Inc.
Last, First, MI

Phone (208) 368-4000

Address 8000 S. Federal Way

Fax (208) 368-5555

City Boise

State & Zip ID 83716

Original Owner (if sold within last year)

Name United Water
Last, First, MI

Phone (208) 362-1300

Address 8248 W. Victory Rd

Fax _____

City Boise

State & Zip ID 83709

Operator or Contact Person

Name _____
Last, First, MI

Phone _____

Address _____

Fax _____

City _____

State & Zip _____

SECTION II Well Information

Depth to water. Record the date, if the pump was on or off, or if other nearby pumps were on.

Static Water Level (pump off, water level stable): 324 ft Date 5/2000 (depth from ground surface)

Dynamic Water Level (pump on): _____ ft Date _____

SECTION III Rate of flow and volume diverted

Meter information:

Make Sparling Model No. _____ Serial No. 91300

Does the meter totalizer measure in acre-feet or gallons? What is the multiplier? 1000
(circle one)

Does the meter rate of flow indicator show gpm or cfs? What is the multiplier? 1000
(circle one)

For meters without rate of flow indicators, check here ☐ and see page 4 for rate measurement methods.

(meter information on page 4)

Note: Reading of the meter totalizer, flow rate and discharge pressure should be taken and recorded once each month on or near the same day.

Date (date of reading)	Totalizer Reading	Flow Rate circle: cfs or gpm	Discharge Pressure
January ()			
February ()			
March ()			
April ()			
May ()			
June ()			
July ()			
August ()			
September ()			
October ()			
November ()			
December ()			

Does totalizer reading above include meter multiplier? _____ Yes _____ No

Total Acre-feet _____ OR Total Gallons _____
(there are 325,850 gallons per acre feet)

Comments:(If the flowmeter was installed, calibrated, or replaced during 2000, please note the date.)

No planned diversions from Gowen during 2001. Meter will be calibrated
upon pump/well start-up.

SECTION IV Crop information and method of irrigation for land being served by this pump.
List each type of crop, the number of acres grown, and the number of acres irrigated with each of the irrigation system methods.

Crop	Acres	How irrigated? (no. of acres each method)	
		Sprinkler (acres)	Surface(acres)
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
** _____	** _____		
Total acres _____			

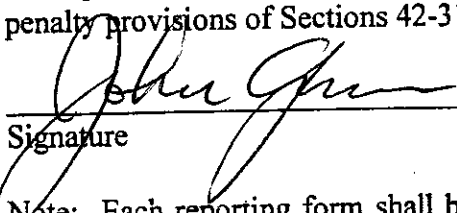
**** Show the numbers of acres which is irrigated cropland but was NOT irrigated for some reason this year.**

SECTION V Modifications made in 2000

Describe in the space below any major modifications made to the diversion works or piping system which would affect system capacity or accuracy of the flow measurements during 1999. Attach drawings, sketches, photographs, notes or design information if needed.

SECTION VI Certification

I hereby certify that the above reported information is correct to the best of my knowledge and that I recognize that willful submittal of false or inaccurate data is a violation of law subject to the penalty provisions of Sections 42-311, 42-350 and 42-351, Idaho Code.

Signature  Title Water Services Mgr Date 3-12-01

Note: Each reporting form shall be accompanied by a report processing fee in the amount of **twenty-five dollars (\$25) per diversion** made payable to the Idaho Department of Water Resources (Section 42-701(6), Idaho Code). **Report fee is not required if no water was diverted during 2000.**

For Department Use Only

Received by FE Date 3/13/01 Time 11:00

Fee amount submitted N/A Correct? yes _____ no _____

Receipted by _____ Receipt No. _____

Reveiwed by _____ Date _____

Data entry by SC Date 1/5/04

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

THIS IS YOUR 1999 WATER MEASUREMENT ANNUAL REPORT

**For the Water Measurement Program -
MEASURING DEVICE METHOD FOR TOTALIZING FLOW METERS
IRRIGATION WELLS**

ATTENTION: Year end data must be submitted to Idaho Department of Water Resources,
2735 Airport Way, Boise ID 83705, on or before:

March 1, 2000.

NOTE: A separate reporting form must be submitted for each diversion.

This report form may be used for the following diversion:

Name:	<u>Micron Tech. Inc.</u>
Water Right Nos:	<u>28-03492</u>
Legal Description:	<u>T3N R3E Sec 31</u> <u>1/4 SE</u> <u>1/4 NW</u> <u>1/4</u>
Site Tag No:	<u>20006345</u>
Diversion Name:	<u>Oregon Trail Well</u>

*OK ✓
Not used*

SECTION I Water Right Holder/Operator information

Name and Address of Water Right Holder

Please check for address correction. ☐

Current Owner

Name Micron Tech. Inc
Last, First, MI

Phone _____

Address P.O. Box 6

Fax _____

City Boise, ID 83707-0027

State & Zip _____

Original Owner (if sold within last year)

Name United Water Idaho
Last, First, MI

Phone _____

Address 8248 W. Victory

Fax _____

City Boise, ID 83707

State & Zip _____

Operator or Contact Person

Name McIntyre, Mike
Last, First, MI

Phone _____

Address P.O. Box 6

Fax _____

City Boise, ID 83707-0006

State & Zip _____

SECTION II Well Information

Depth to water. Record the date, if the pump was on or off, or if other nearby pumps were on.

Static Water Level (pump off, water level stable): 5.00 ft Date

Dynamic Water Level (pump on): ft Date

SECTION III Rate of flow and volume diverted

Meter information:

Make Sparling Model No. Serial No. 110872

Does the meter totalizer measure in acre-feet or gallons? What is the multiplier? 1000
(circle one)

Does the meter rate of flow indicator show gpm or cfs? What is the multiplier? 1000
(circle one)

For meters without rate of flow indicators, check here ☐ and see page 4 for rate measurement methods.

(meter information on page 4)

Note: Reading of the meter totalizer, flow rate and discharge pressure should be taken and recorded once each month on or near the same day.

Date (date of reading)	Totalizer Reading	Flow Rate circle: cfs or gpm	Discharge Pressure
January ()	<u> </u>		
February ()	<u> </u>		
March ()	<u> </u>		
April ()	<u> </u>		
May ()	<u> </u>		
June ()	<u> </u>		
July ()	<u> </u>		
August ()	<u> </u>		
September ()	<u> </u>		
October ()	<u> </u>		
November ()	<u> </u>		
December ()	<u> </u>	<u> </u>	<u>1000</u>

Does totalizer reading above include meter multiplier? Yes ☒ No ☐

Total Acre-feet OR Total Gallons
(there are 325,850 gallons per acre feet)

Comments:(If the flowmeter was installed, calibrated, or replaced during 1999, please note the date.)

SECTION IV Crop information and method of irrigation for land being served by this pump.
List each type of crop, the number of acres grown, and the number of acres irrigated with each of the irrigation system methods.

Crop	Acres	How irrigated? (no. of acres each method)	
		Sprinkler (acres)	Surface(acres)
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
** _____	** _____		
Total acres			

**** Show the numbers of acres which is irrigated cropland but was NOT irrigated for some reason this year.**

SECTION V Modifications made in 1999

Describe in the space below any major modifications made to the diversion works or piping system which would affect system capacity or accuracy of the flow measurements during 1999. Attach drawings, sketches, photographs, notes or design information if needed.

SECTION VI Certification

I hereby certify that the above reported information is correct to the best of my knowledge and that I recognize that willful submittal of false or inaccurate data is a violation of law subject to the penalty provisions of Sections 42-311, 42-350 and 42-351, Idaho Code.

Robert Lawrence Groundwater Super. 2/3/2000
 Signature Title Date

Note: Each reporting form shall be accompanied by a report processing fee in the amount of **twenty-five dollars (\$25) per diversion** made payable to the Idaho Department of Water Resources (Section 42-701(6), Idaho Code). Report fee is not required if no water was diverted during 1999.

For Department Use Only

Received by ST Date 2-2-00 Time _____
 Fee amount submitted 25⁰⁰ Correct? yes ☒ no _____
 Receipted by ST Receipt No. W026115
 Received by SL Date 4/25/00
 Data entry by SC Date 1/5/04

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

THIS IS YOUR 1999 WATER MEASUREMENT ANNUAL REPORT

**For the Water Measurement Program -
MEASURING DEVICE METHOD FOR TOTALIZING FLOW METERS
IRRIGATION WELLS**

ATTENTION: Year end data must be submitted to Idaho Department of Water Resources,
2735 Airport Way, Boise ID 83705, on or before:

March 1, 2000.

NOTE: A separate reporting form must be submitted for each diversion.

This report form may be used for the following diversion:

Name:	<u>Micron Tech, Inc.</u>		
Water Right Nos:	<u>63-0000</u>		
Legal Description:	<u>T2N R2E Sec 1</u>	<u>1/4 NE 1/4 NW 1/4</u>	
Site Tag No:	<u>E0006343</u>		
Diversion Name:	<u>Gowen Well</u>		

OK
Not used

SECTION I Water Right Holder/Operator information

Name and Address of Water Right Holder

Please check for address correction. ☐

Current Owner

Name Micron Tech, Inc
Last, First, MI

Phone _____

Address P.O. Box 6

Fax _____

City Boise, ID 83707-0027

State & Zip _____

Original Owner (if sold within last year)

Name United Water Idaho
Last, First, MI

Phone _____

Address 8248 W. Victory

Fax _____

City Boise, ID 83709

State & Zip _____

Operator or Contact Person

Name McIntyre, Mike
Last, First, MI

Phone _____

Address P.O. Box 6

Fax _____

City Boise, ID 83707-0006

State & Zip _____

SECTION II Well Information

Depth to water. Record the date, if the pump was on or off, or if other nearby pumps were on.

Static Water Level (pump off, water level stable): _____ ft Date _____

Dynamic Water Level (pump on): _____ ft Date _____

SECTION III Rate of flow and volume diverted

Meter information:

Make SPECTRA Model No. _____ Serial No. 91200

Does the meter totalizer measure in acre-feet or gallons? What is the multiplier? 1000
(circle one)

Does the meter rate of flow indicator show gpm or cfs? What is the multiplier? 1000
(circle one)

For meters without rate of flow indicators, check here ☐ and see page 4 for rate measurement methods.

(meter information on page 4)

Note: Reading of the meter totalizer, flow rate and discharge pressure should be taken and recorded once each month on or near the same day.

Date (date of reading)	Totalizer Reading	Flow Rate circle: cfs or gpm	Discharge Pressure
January ()	952020		
February ()			
March ()			
April ()			
May ()			
June ()			
July ()			
August ()			
September ()			
October ()			
November ()			
December ()	this well did not run in 1999		

Does totalizer reading above include meter multiplier? _____ Yes _____ No

Total Acre-feet 0 OR Total Gallons 0
(there are 325,850 gallons per acre foot)

Comments:(If the flowmeter was installed, calibrated, or replaced during 1999, please note the date.)

List each type of crop, the number of acres grown, and the number of acres irrigated with each of the irrigation system methods.

<u>Crop</u>	<u>Acres</u>	<u>How irrigated? (no. of acres each method)</u>	
		<u>Sprinkler (acres)</u>	<u>Surface(acres)</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
** _____	** _____		
Total acres			

**** Show the numbers of acres which is irrigated cropland but was NOT irrigated for some reason this year.**

Describe in the space below any major modifications made to the diversion works or piping system which would affect system capacity or accuracy of the flow measurements during 1999. Attach drawings, sketches, photographs, notes or design information if needed.

I hereby certify that the above reported information is correct to the best of my knowledge and that I recognize that willful submittal of false or inaccurate data is a violation of law subject to the penalty provisions of Sections 42-311, 42-350 and 42-351, Idaho Code.





Signature Title Date

Note: Each reporting form shall be accompanied by a report processing fee in the amount of **twenty-five dollars (\$25) per diversion** made payable to the Idaho Department of Water Resources (Section 42-701(6), Idaho Code). Report fee is not required if no water was diverted during 1999.

Received by ST Date 2-2-00 Time _____
 Fee amount submitted 25⁰⁰ Correct? yes ☒ no ☐
 Received by ST Receipt No. 4026115
 Received by SL Date 4/25/00
 Data entry by SC Date 1/5/04

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

RECEIVED

FEB 22 2000

WATER RESOURCES
WESTERN REGION**THIS IS YOUR 1999 WATER MEASUREMENT ANNUAL REPORT****For the Water Measurement Program -
MEASURING DEVICE METHOD FOR TOTALIZING FLOW METERS
IRRIGATION WELLS****ATTENTION: Year end data must be submitted to Idaho Department of Water Resources,
2735 Airport Way, Boise ID 83705, on or before:****March 1, 2000.****NOTE: A separate reporting form must be submitted for each diversion.****This report form may be used for the following diversion:**

Name:	<u>Micron 4</u>
Water Right Nos:	<u>63-09357/63-10208/63-11293</u>
Legal Description:	<u>T 2N R 3E Sec. 7 NE 1/4 SW 1/4</u>
Site Tag No:	<u>006153</u>
Diversion Name:	<u></u>

*JK ✓
meter recalibrated
6/99***SECTION I Water Right Holder/Operator information**

Name and Address of Water Right Holder

Please check for address correction. ☐**Current Owner**Name Micron Technology, Inc.
Last, First, MIPhone (208) 368-4000Address 8000 S. Federal WayFax (208) 368-5555City BoiseState & Zip ID 83716**Original Owner (if sold within last year)**Name _____
Last, First, MI

Phone _____

Address _____

Fax _____

City _____

State & Zip _____

Operator or Contact PersonName _____
Last, First, MI

Phone _____

Address _____

Fax _____

City _____

State & Zip _____

SECTION II Well Information

Depth to water. Record the date, if the pump was on or off, or if other nearby pumps were on.

Static Water Level (pump off, water level stable): 460 ft Date 4-12-96

Dynamic Water Level (pump on): 597.7 ft Date 12-1-98

SECTION III Rate of flow and volume diverted

Meter information:

Make EMCO V-Bar Model No. 699-2NPT Serial No. 150503-B001

Does the meter totalizer measure in acre-feet or gallons? What is the multiplier? 1X
(circle one)

Does the meter rate of flow indicator show gpm or cfs? What is the multiplier? 1X
(circle one)

For meters without rate of flow indicators, check here ☐ and see page 4 for rate measurement methods.

(meter information on page 4)

Note: Reading of the meter totalizer, flow rate and discharge pressure should be taken and recorded once each month on or near the same day.

Date (date of reading)	Totalizer Reading	Flow Rate circle: cfs or gpm	Discharge Pressure
January (29)	17280316	814	48
February (26)	50236466	817	45
March (26)	83103127	815	45
April (30)	23059502	793	50
May (28)	56834494	838	50
June (25)	4860512	853	50
July (30)	25279880	863	50
August (27)	59446784	847	50
September (24)	93386999	842	52
October (29)	35764623	841	52
November (26)	69773123	843	52
December (31)	12535092	848	50

Does totalizer reading above include meter multiplier? Yes No

Total Acre-feet 1343 **OR Total Gallons** 437520477
(there are 325,850 gallons per acre feet)

1342.7
86

Comments:(If the flowmeter was installed, calibrated, or replaced during 1999, please note the date.)

Well 4 struck by lightning in June 1999. Internal components
replaced & meter recalibrated in June 1999.

SECTION IV Crop information and method of irrigation for land being served by this pump.
List each type of crop, the number of acres grown, and the number of acres irrigated with each of the irrigation system methods.

Crop	Acres	How irrigated? (no. of acres each method)	
		Sprinkler (acres)	Surface(acres)
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
** _____	** _____		
Total acres _____			

**** Show the numbers of acres which is irrigated cropland but was NOT irrigated for some reason this year.**

SECTION V Modifications made in 1999

Describe in the space below any major modifications made to the diversion works or piping system which would affect system capacity or accuracy of the flow measurements during 1999. Attach drawings, sketches, photographs, notes or design information if needed.

SECTION VI Certification

I hereby certify that the above reported information is correct to the best of my knowledge and that I recognize that willful submittal of false or inaccurate data is a violation of law subject to the penalty provisions of Sections 42-311, 42-350 and 42-351, Idaho Code.

John W. Gurn Water Services Manager FEB 16, 2000
 Signature Title Date

Note: Each reporting form shall be accompanied by a report processing fee in the amount of **twenty-five dollars (\$25) per diversion** made payable to the Idaho Department of Water Resources (Section 42-701(6), Idaho Code). Report fee is not required if no water was diverted during 1999.

For Department Use Only

Received by <u>Kh</u>	Date <u>2/22/00</u>	Time <u>11:14</u>
Fee amount submitted <u>2500</u>	Correct? yes <u>/</u> no _____	
Receipted by <u>Kh</u>	Receipt No. <u>W026158</u>	
Reveiwed by <u>RZ</u>	Date <u>4/25/00</u>	
Data entry by <u>SC</u>	Date <u>1/5/04</u>	

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

RECEIVED

FEB 22 2000

WATER RESOURCES
WESTERN REGION**THIS IS YOUR 1999 WATER MEASUREMENT ANNUAL REPORT****For the Water Measurement Program -
MEASURING DEVICE METHOD FOR TOTALIZING FLOW METERS
IRRIGATION WELLS****ATTENTION: Year end data must be submitted to Idaho Department of Water Resources,
2735 Airport Way, Boise ID 83705, on or before:****March 1, 2000.****NOTE: A separate reporting form must be submitted for each diversion.****This report form may be used for the following diversion:**

Name:	Micron 3
Water Right Nos:	63-11293
Legal Description:	T 2N3 R3E Sec. 7 SW 1/4 NW 1/4 1/4
Site Tag No:	006149
Diversion Name:	

OK ✓

SECTION I Water Right Holder/Operator information

Name and Address of Water Right Holder

Please check for address correction. ☐**Current Owner**Name Micron Technology, Inc.
Last, First, MIPhone (208) 368-4000Address 8000 S. Federal WayFax (208) 368-5555City BoiseState & Zip ID 83716**Original Owner (if sold within last year)**Name _____
Last, First, MI

Phone _____

Address _____

Fax _____

City _____

State & Zip _____

Operator or Contact PersonName _____
Last, First, MI

Phone _____

Address _____

Fax _____

City _____

State & Zip _____

SECTION II Well Information

Depth to water. Record the date, if the pump was on or off, or if other nearby pumps were on.

Static Water Level (pump off, water level stable): 405 ft Date 4-30-91

Dynamic Water Level (pump on): 515.72 ft Date 12-99

SECTION III Rate of flow and volume diverted

Meter information:

Make Dieferich Model No. IMN2XX3XX4XX Serial No. F278317.1.2
P3ESTRATXAXXDS

Does the meter totalizer measure in acre-feet or gallons? What is the multiplier? 10x
(circle one)

Does the meter rate of flow indicator show gpm or cfs? What is the multiplier? 1x
(circle one)

For meters without rate of flow indicators, check here ☐ and see page 4 for rate measurement methods.

(meter information on page 4)

Note: Reading of the meter totalizer, flow rate and discharge pressure should be taken and recorded once each month on or near the same day.

Date (date of reading)	Totalizer Reading	Flow Rate circle: cfs or gpm	Discharge Pressure
January (29)	16055458	582	71
February (26)	18538262	614	71
March (26)	20999115	614	72
April (30)	24032845	589	71
May (28)	26419860	611	71
June (25)	28792053	502	71
July (30)	31864204	636	68
August (27)	34434539	642	66
September (24)	37006594	632	65
October (29)	40178807	628	67
November (26)	42716093	626	66
December (31)	45867623	622	66

Does totalizer reading above include meter multiplier? Yes x No

Total Acre-feet 987 **OR Total Gallons** 321621200
(there are 325,850 gallons per acre feet)

Comments:(If the flowmeter was installed, calibrated, or replaced during 1999, please note the date.)

SECTION IV Crop information and method of irrigation for land being served by this pump.
List each type of crop, the number of acres grown, and the number of acres irrigated with each of the irrigation system methods.

Crop	Acres	How irrigated? (no. of acres each method)	
		Sprinkler (acres)	Surface(acres)
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
** _____	** _____		
Total acres _____			

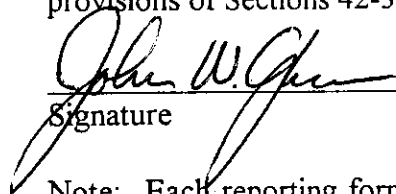
**** Show the numbers of acres which is irrigated cropland but was NOT irrigated for some reason this year.**

SECTION V Modifications made in 1999

Describe in the space below any major modifications made to the diversion works or piping system which would affect system capacity or accuracy of the flow measurements during 1999. Attach drawings, sketches, photographs, notes or design information if needed.

SECTION VI Certification

I hereby certify that the above reported information is correct to the best of my knowledge and that I recognize that willful submittal of false or inaccurate data is a violation of law subject to the penalty provisions of Sections 42-311, 42-350 and 42-351, Idaho Code.



Signature

Water Services Manager

Title

FEB 16, 2000

Date

Note: Each reporting form shall be accompanied by a report processing fee in the amount of twenty-five dollars (\$25) per diversion made payable to the Idaho Department of Water Resources (Section 42-701(6), Idaho Code). Report fee is not required if no water was diverted during 1999.

For Department Use Only

Received by <u>Kh</u>	Date <u>2/22/00</u>	Time <u>11:14</u>
Fee amount submitted <u>25⁰⁰</u>	Correct? yes _____ no _____	
Receipted by <u>Kh</u>	Receipt No. <u>W026158</u>	
Reveiwed by <u>R</u>	Date <u>4/25/00</u>	
Data entry by <u>SC</u>	Date <u>1/5/04</u>	

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

RECEIVED

FEB 10 1999

WATER RESOURCES
WESTERN REGION**THIS IS YOUR 1998 WATER MEASUREMENT ANNUAL REPORT****For the Water Measurement Program -
MEASURING DEVICE METHOD FOR TOTALIZING FLOW METERS
IRRIGATION WELLS**

ATTENTION: Year end data must be submitted to Idaho Department of Water Resources,
2731 Airport Way, Boise ID 83705, on or before:

February 12, 1999.

NOTE: A separate reporting form must be submitted for each diversion.

This report form may be used for the following diversion:

Name:	<u>Micron 4</u>
Water Right Nos:	<u>63-09357/63-10208/63-11293</u>
Legal Description:	<u>T 2N R 3E Sec. 7 NE ¼ SW ¼</u>
Site Tag No:	<u>006153</u>
Diversion Name:	

SECTION I Water Right Holder/Operator information

Name and Address of Water Right Holder

Please check for address correction. ☐

Current Owner

Name Micron Technology, Inc.
Last, First, MI

Phone (208) 368-4000

Address 8000 S. Federal Way

Fax (208) 368-5555

City Boise

State & Zip ID 83716

Original Owner (if sold within last year)

Name _____
Last, First, MI

Phone _____

Address _____

Fax _____

City _____

State & Zip _____

Operator or Contact Person

Name _____
Last, First, MI

Phone _____

Address _____

Fax _____

City _____

State & Zip _____

SECTION II Well Information

Depth to water. Record the date, if the pump was on or off, or if other nearby pumps were on.

Static Water Level (pump off, water level stable): 460 ft Date 4-12-96

Dynamic Water Level (pump on): 597.7 ft Date 12-1-98

SECTION III Rate of flow and volume diverted

Meter information:

Make EMCO V-Bar Model No. V-BAR 699-2NPT Serial No. 150503-B001

Does the meter totalizer measure in acre-feet or gallons? What is the multiplier? 1X
(circle one)

Does the meter rate of flow indicator show gpm or cfs? What is the multiplier? 1X
(circle one)

For meters without rate of flow indicators, check here ☐ and see page 4 for rate measurement methods.

(meter information on page 4)

Note: Reading of the meter totalizer, flow rate and discharge pressure should be taken and recorded once each month on or near the same day.

Date (enter date of reading)	Totalizer reading	Flow rate cfs or gpm	Discharge pressure
January (30)	72,260,513	868	49
February (27)	7,276,853	869	51
March (27)	42,249,610	864	50
April (24)	77,265,920	869	50
May (29)	19,157,850	829	42
June (26)	52,819,300	841	42
July (31)	94,401,045	823	42
August (28)	28,953,638	858	43
September (25)	61,970,333	822	42
October (30)	5,116,455	867	42
November (27)	39,800,000	860	46
December (25)	74,330,505	847	43

Does totalizer reading above include meter multiplier? X Yes No

Total Acre-feet 1359 **OR Total Gallons** 442,858,971
(there are 325,850 gallons per acre feet)

SECTION IV Crop information and method of irrigation for land being served by this pump.
List each type of crop, the number of acres grown, and the number of acres irrigated with each of the irrigation system methods.

Crop	Acres	How irrigated? (no. of acres each method)	
		Sprinkler (acres)	Surface(acres)
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
** _____	** _____		
Total acres _____			

**** Show the numbers of acres which is irrigated cropland but was NOT irrigated for some reason this year.**

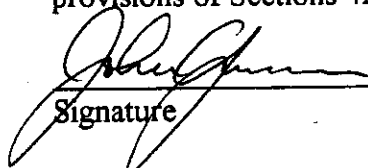
SECTION V Modifications made in 1998

Describe in the space below any major modifications made to the diversion works or piping system which would affect system capacity or accuracy of the flow measurements during 1998. Attach drawings, sketches, photographs, notes or design information if needed.

Comments:(If the flowmeter was installed, calibrated, or replaced during 1998, please note the date.)

SECTION VI Certification

I hereby certify that the above reported information is correct to the best of my knowledge and that I recognize that willful submittal of false or inaccurate data is a violation of law subject to the penalty provisions of Sections 42-311, 42-350 and 42-351, Idaho Code.


WATER SERVICES MANAGER
2-8-99
 Signature Title Date

Note: Each reporting form shall be accompanied by a report processing fee in the amount of **twenty-five dollars (\$25) per diversion** made payable to the Idaho Department of Water Resources (Section 42-701(6), Idaho Code). Report fee is not required if no water was diverted during 1998.

For Department Use Only

Received by SL Date 2/10/99 Time _____
 Fee amount submitted \$25 Correct? yes ☒ no _____
 Receipted by SL Receipt No. W024791
 Data entry by SL Date 1/5/04

← 2 fees & same receipt

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES***THIS IS YOUR 1998 WATER MEASUREMENT ANNUAL REPORT******For the Water Measurement Program -
MEASURING DEVICE METHOD FOR TOTALIZING FLOW METERS
IRRIGATION WELLS***

ATTENTION: Year end data must be submitted to Idaho Department of Water Resources,
2731 Airport Way, Boise ID 83705, on or before:
February 12, 1999.

NOTE: A separate reporting form must be submitted for each diversion.

This report form may be used for the following diversion:

Name:	Micron 3
Water Right Nos:	63-11293
Legal Description:	T 2N R 3E Sec 7 SW ¼ NW ¼ ¼
Site Tag No:	GPS site ID EO 006149
Diversion Name:	

SECTION I Water Right Holder/Operator information

Name and Address of Water Right Holder

Please check for address correction. ☐

Current Owner

Name Micron Technology, Inc.
Last, First, MI

Phone (208) 368-4000

Address 8000 S. Federal Way

Fax (208) 368-5555

City Boise

State & Zip ID 83716

Original Owner (if sold within last year)

Name _____
Last, First, MI

Phone _____

Address _____

Fax _____

City _____

State & Zip _____

Operator or Contact Person

Name _____
Last, First, MI

Phone _____

Address _____

Fax _____

City _____

State & Zip _____

SECTION II Well Information

Depth to water. Record the date, if the pump was on or off, or if other nearby pumps were on.

Static Water Level (pump off, water level stable): 405 ft Date 4-30-91

Dynamic Water Level (pump on): 512.5 ft Date 12-1-98

SECTION III Rate of flow and volume diverted

Meter information:

Make Dieterich Model No. DFC11 IMN2XX3XX4XX P3ESTRATXAXXD8 Serial No. E278317.1.2

Does the meter totalizer measure in acre-feet or gallons? What is the multiplier? 10X
(circle one)

Does the meter rate of flow indicator show gpm or cfs? What is the multiplier? 1X
(circle one)

For meters without rate of flow indicators, check here ☐ and see page 4 for rate measurement methods.

(meter information on page 4)

Note: Reading of the meter totalizer, flow rate and discharge pressure should be taken and recorded once each month on or near the same day.

Date (enter date of reading)	Totalizer reading	Flow rate cfs or gpm	Discharge pressure
January (30)	84,475,389	629	65
February (27)	86,982,792	617	64
March (27)	89,452,459	608	60
April (24)	91,914,411	611	66
May (29)	95,029,378	620	64
June (26)	97,528,436	623	64
July (31)	608,188	609	65
August (28)	3,026,732	597	64
September (25)	5,456,290	603	59
October (30)	8,448,050	594	68
November (27)	10,800,000	590	70
December (25)	13,122,555	578	72

Does totalizer reading above include meter multiplier? Yes X No

Total Acre-feet 975 OR Total Gallons 317,573,680
(there are 325,850 gallons per acre feet)

SECTION IV Crop information and method of irrigation for land being served by this pump. List each type of crop, the number of acres grown, and the number of acres irrigated with each of the irrigation system methods.

Crop	Acres	How irrigated? (no. of acres each method)	
		Sprinkler (acres)	Surface(acres)
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
** _____	** _____		
Total acres _____			

**** Show the numbers of acres which is irrigated cropland but was NOT irrigated for some reason this year.**

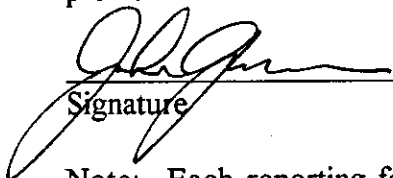
SECTION V Modifications made in 1998

Describe in the space below any major modifications made to the diversion works or piping system which would affect system capacity or accuracy of the flow measurements during 1998. Attach drawings, sketches, photographs, notes or design information if needed.

Comments:(If the flowmeter was installed, calibrated, or replaced during 1998, please note the date.)

SECTION VI Certification

I hereby certify that the above reported information is correct to the best of my knowledge and that I recognize that willful submittal of false or inaccurate data is a violation of law subject to the penalty provisions of Sections 42-311, 42-350 and 42-351, Idaho Code.


WATER SERVICES MANAGER
2-8-99
 Signature Title Date

Note: Each reporting form shall be accompanied by a report processing fee in the amount of **twenty-five dollars (\$25) per diversion** made payable to the Idaho Department of Water Resources (Section 42-701(6), Idaho Code). Report fee is not required if no water was diverted during 1998.

For Department Use Only

Received by SL Date 2/10/99 Time _____
 Fee amount submitted \$25 Correct? yes ☒ no _____
 Receipted by SL Receipt No. W024791
 Data entry by SL Date 1/5/04

← 2 fees & some receipt

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES***THIS IS YOUR 1997 WATER MEASUREMENT ANNUAL REPORT***For the Water Measurement Program - MEASURING DEVICE METHOD

IRRIGATION WELLS

ATTENTION: Year end data must be submitted to Idaho Department of Water Resources
2735 Airport Wy, Boise Idaho 83705, on or before January 15, 1998.NOTE: A separate reporting form must be submitted for each well.

Name:	Micron 2
Water Right No:	63-10208/63-09357
Legal Description:	T 2N R 3E Sec. 7 NE ¼ NW ¼ ¼
Site Tag No:	GPS Site ID #EO 006150
Diversion Name:	

SECTION I Appropriator information

Name and Address of Water Right Holder

*Current Owner*Name Micron Technology, Inc.
Last, First, MI
Address 8000 S. Federal Way
City BoisePhone (208) 368-4000Fax (208) 368-5555State & Zip ID 83716*Original Owner (if sold within last year)*Name _____
Last, First, MI
Address _____
City _____

Phone _____

Fax _____

State & Zip _____

*Operator (if leased or operated by someone else)*Name _____
Last, First, MI
Address _____
City _____

Phone _____

Fax _____

State & Zip _____

SECTION II Well Information

NOTE: Idaho code measurement statute § 42-701 requires water users to measure water levels in their wells. However, the department recognizes that measuring water levels in some wells is very difficult, especially wells with submersible-type pumps installed. If the water level cannot be measured, please give a brief explanation in the comments section.

Static Water Level: 461 ft. Date 12/29/97

Depth to water level with the pump off and water level stabilized, measured from approximate ground level to water surface in well.

Dynamic Water Level: N/A ft. Date N/A

Depth to water in the well with the pump operating at or near full capacity and the water level stabilized.

SECTION III. Rate of flow and volume pumped from well(s)

Meter information:

P3ESRATXAXXDS

DFC11

1MN2XX3XX4XX

Make Dieterich

Model No.

Serial No. F278317.1.1

Flow rate multiplier X1

Volume totalizer multiplier X1

Units of measurement: Totalizer(Acre feet or gallons) gallons Flow Rate(cfs or gpm) gpm

Date (enter date of reading)	Totalizer reading	Flow rate cfs or gpm	Discharge pressure
January (30)	87,769,857	98	15
February (27)	87,804,457	1	15
March (27)	87,804,457	0	0
April (24)	87,843,703	0	0
May (29)	91,856,538	80	15
June (26)	95,604,093	119	15
July (31)	95,604,093	0	0
August (28)	95,604,093	0	0
September (25)	95,604,093	0	0
October (30)	95,604,093	0	0
November (28)	95,604,093	0	0
December (26)	95,604,093	0	0

Does totalizer reading above include meter multiplier? x Yes No

Note: (1) Reading of the meter totalizer, flow rate and discharge pressure should be made and recorded each month on or near the same day.

(2) There are 325,850 gallons per acre-foot

Total Acre-feet 39 OR Total Gallons 12,774,093

SECTION IV Modifications made in 1996

Please describe in the space below any major modifications made to the pumping plant or piping system which would affect the accuracy of the flow measurements during 1996.

Attach drawings, sketches, photographs, notes or design information if needed.

None

Comments:

Well 2 taken off-line July 1997. Pump removed from well December 1997. Well 2 to be used as monitoring/observation well beginning 1998

SECTION V Certification

I hereby certify that the above reported information is correct to the best of my knowledge and that I recognize that willful submittal of false or inaccurate data is a violation of law subject to the penalty provisions of Sections 42-311, 42-350 and 42-351, Idaho Code.

Date JAN 7, 1998 Signature John Chen

Note: Each reporting form shall be accompanied by a report processing fee in the amount of *twenty five dollars (\$25) per diversion* made payable to the Idaho Department of Water Resources. (Section 42-701(6), Idaho Code)

For Department Use Only

Received by SC Date 1/12/98 Time 11:00
Fee amount submitted \$25 Correct? yes ☒ no ☐
Receipted by SC Receipt No. W023375
Data Entry by SC Date 1/5/04

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

THIS IS YOUR 1997 WATER MEASUREMENT ANNUAL REPORT

For the Water Measurement Program - MEASURING DEVICE METHOD

IRRIGATION WELLS

ATTENTION: Year end data must be submitted to Idaho Department of Water Resources 2735 Airport Wy, Boise Idaho 83705, on or before January 15, 1998.

NOTE: A separate reporting form must be submitted for each well.

Name:	Micron 3
Water Right No:	63-11293
Legal Description:	T 2N R 3E Sec. 7 SW $\frac{1}{4}$ NW $\frac{1}{4}$ $\frac{1}{4}$
Site Tag No:	GPS Site ID EO 006149
Diversion Name:	

SECTION I Appropriator information

Name and Address of Water Right Holder

Current Owner

Name Micron Technology, Inc.

Last, First, MI

Address 8000 S. Federal Way

City Boise,

Phone (208) 368-4000

Fax (208) 368-5555

State & Zip ID 83716

Original Owner (if sold within last year)

Name _____

Last, First, MI

Address _____

City _____

Phone _____

Fax _____

State & Zip _____

Operator (if leased or operated by someone else)

Name _____

Last, First, MI

Address _____

City _____

Phone _____

Fax _____

State & Zip _____

SECTION II Well Information

NOTE: Idaho code measurement statute § 42-701 requires water users to measure water levels in their wells. However, the department recognizes that measuring water levels in some wells is very difficult, especially wells with submersible-type pumps installed. If the water level cannot be measured, please give a brief explanation in the comments section.

Static Water Level: 405 ft. Date 4-30-91

Depth to water level with the pump off and water level stabilized, measured from approximate ground level to water surface in well.

Dynamic Water Level: 512.25 ft. Date 12/29/97

Depth to water in the well with the pump operating at or near full capacity and the water level stabilized.

SECTION III. Rate of flow and volume pumped from well(s)

DFC11

1MN2XX3XX4XX

Meter information:

P3ESRATXAXXDS

Make Dieterich Model No. _____ Serial No. F278317.1.2

Flow rate multiplier 1X Volume totalizer multiplier 10X

Units of measurement: Totalizer(Acre feet or gallons) gallons Flow Rate(cfs or gpm) gpm

Date (enter date of reading)	Totalizer reading	Flow rate cfs or gpm	Discharge pressure
January (30)	49,948,627	703	42
February (27)	52,663,461	678	42
March (27)	55,440,678	688	42
April (24)	58,205,128	701	42
May (29)	61,465,666	647	42
June (26)	64,177,401	663	42
July (31)	67,468,250	653	42
August (28)	70,158,211	665	42
September (25)	72,846,748	667	42
October (30)	76,123,810	650	42
November (28)	78,742,350	650	42
December (26)	81,331,559	661	42

Does totalizer reading above include meter multiplier? _____ Yes x No

Note: (1) Reading of the meter totalizer, flow rate and discharge pressure should be made and recorded each month on or near the same day.

(2) There are 325,850 gallons per acre-foot

Total Acre-feet 1046 OR Total Gallons 340,764,599

SECTION IV Modifications made in 1996

Please describe in the space below any major modifications made to the pumping plant or piping system which would affect the accuracy of the flow measurements during 1996. Attach drawings, sketches, photographs, notes or design information if needed.

None

Comments:

None

SECTION V Certification

I hereby certify that the above reported information is correct to the best of my knowledge and that I recognize that willful submittal of false or inaccurate data is a violation of law subject to the penalty provisions of Sections 42-311, 42-350 and 42-351, Idaho Code.

Date JAN 7, 1998 Signature John G. [Signature]

Note: Each reporting form shall be accompanied by a report processing fee in the amount of **twenty five dollars (\$25) per diversion** made payable to the Idaho Department of Water Resources. (Section 42-701(6), Idaho Code)

For Department Use Only

Received by SR Date 1/12/98 Time 11:00

Fee amount submitted \$25 Correct? yes ☒ no ☐

Received by SR Receipt No. WD23375

Data Entry by SC Date 1/5/04

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES***THIS IS YOUR 1997 WATER MEASUREMENT ANNUAL REPORT***For the Water Measurement Program - MEASURING DEVICE METHOD

IRRIGATION WELLS

ATTENTION: Year end data must be submitted to Idaho Department of Water Resources
2735 Airport Wy, Boise Idaho 83705, on or before January 15, 1998.NOTE: A separate reporting form must be submitted for each well.

Name:	Micron 4
Water Right No:	63-09357/63-10208/63-11293
Legal Description:	T 2N R 3E Sec. 7 NE ¼ SW ¼ ¼
Site Tag No:	GPS Site ID# EO 006153
Diversion Name:	

SECTION I Appropriator information

Name and Address of Water Right Holder

*Current Owner*Name Micron Technology, Inc.Phone (208) 368-4000Address 8000 S. Federal WayFax (208) 368-5555City BoiseState & Zip ID 83716*Original Owner (if sold within last year)*

Name _____

Phone _____

Address _____

Fax _____

City _____

State & Zip _____

Operator (if leased or operated by someone else)

Name _____

Phone _____

Address _____

Fax _____

City _____

State & Zip _____

SECTION II Well Information

NOTE: idaho code measurement statute § 42-701 requires water users to measure water levels in their wells. However, the department recognizes that measuring water levels in some wells is very difficult, especially wells with submersible-type pumps installed. If the water level cannot be measured, please give a brief explanation in the comments section.

Static Water Level: 460 ft. Date 4/12/96

Depth to water level with the pump off and water level stabilized, measured from approximate ground level to water surface in well.

Dynamic Water Level: 563 ft. Date 12/29/97

Depth to water in the well with the pump operating at or near full capacity and the water level stabilized.

SECTION III. Rate of flow and volume pumped from well(s)

Meter information:

V-BAR-699-2NPT

Make EMCO V-Bar Model No. Serial No. 150503-B001

Flow rate multiplier 1X Volume totalizer multiplier 1X

Units of measurement: Totalizer(Acre feet or gallons) gallons Flow Rate(cfs or gpm) gpm

Date (enter date of reading)	Totalizer reading	Flow rate cfs or gpm	Discharge pressure
January (30)	98,470,339	637	30
February (27)	25,307,496	670	30
March (27)	52,578,404	676	30
April (24)	79,696,032	688	30
May (29)	12,368,865	648	30
June (26)	38,635,146	646	30
July (31)	68,277,538	588	30
August (28)	95,314,770	677	30
September (25)	23,468,771	692	30
October (30)	60,735,714	739	30
November (28)	96,562,830	865	30
December (26)	131,016,402	884	30

Does totalizer reading above include meter multiplier? x Yes No

Note: (1) Reading of the meter totalizer, flow rate and discharge pressure should be made and recorded each month on or near the same day.

(2) There are 325,850 gallons per acre-foot

Total Acre-feet 1119 OR Total Gallons 364,645,217

SECTION IV Modifications made in 1996

Please describe in the space below any major modifications made to the pumping plant or piping system which would affect the accuracy of the flow measurements during 1996.

Attach drawings, sketches, photographs, notes or design information if needed.

None

Comments:

None

SECTION V Certification

I hereby certify that the above reported information is correct to the best of my knowledge and that I recognize that willful submittal of false or inaccurate data is a violation of law subject to the penalty provisions of Sections 42-311, 42-350 and 42-351, Idaho Code.

Date JAN 7, 1998 Signature 

Note: Each reporting form shall be accompanied by a report processing fee in the amount of **twenty five dollars (\$25) per diversion** made payable to the Idaho Department of Water Resources. (Section 42-701(6), Idaho Code)

For Department Use Only

Received by  Date 1/12/98 Time 11:00

Fee amount submitted \$25 Correct? yes ☒ no ☐

Receipted by  Receipt No. W023375

Data Entry by SC Date 1/5/04

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

RECEIVED

JAN 13 1997

WATER RESOURCES
WESTERN REGION***THIS IS YOUR 1996 WATER MEASUREMENT ANNUAL REPORT***For the Water Measurement Program - MEASURING DEVICE METHOD

IRRIGATION WELLS

ATTENTION: Year end data must be submitted to Idaho Department of Water Resources
2735 Airport Way, Boise Idaho 83705, on or before January 15, 1997.NOTE: A separate reporting form must be submitted for each well.

Name:	Micron 3
Water Right No:	63-11293
Legal Description:	T 2N R 3E Sec. 7 SW ¼ NW ¼ ¼
Site Tag No:	GPS Site ID # EO 006149
Diversion Name:	

SECTION I Appropriator information

Name and Address of Water Right Holder

Current Owner

Name Micron Technology, Inc.

Phone (208) 368-4104

Address 8000 S Federal Way

Fax (208) 368-5555

City Boise

State & Zip ID 83707-0006

Original Owner (if sold within last year)

Name

Phone

Address Last, First, MI

Fax

City

State & Zip

Operator (if leased or operated by someone else)

Name

Phone

Address Last, First, MI

Fax

City

State & Zip

SECTION II Well Information

NOTE: Idaho code measurement statute § 42-701 requires water users to measure water levels in their wells. However, the department recognizes that measuring water levels in some wells is very difficult, especially wells with submersible-type pumps installed. If the water level cannot be measured, please give a brief explanation in the comments section.

Static Water Level: 405 ft. Date 4-30-91

Depth to water level with the pump off and water level stabilized, measured from approximate ground level to water surface in well.

Dynamic Water Level: 514 ft. Date 11-21-96

Depth to water in the well with the pump operating at or near full capacity and the water level stabilized.

SECTION III. Rate of flow and volume pumped from well(s)

Meter information:

DFC II
IMN2XX3XX4XX
P3ESRATXAXXDS

Make Dieterich Model No. Serial No. F278317.1.2

Flow rate multiplier 1X Volume totalizer multiplier 10X

Units of measurement: Totalizer(Acre feet or gallons) gallons Flow Rate(cfs or gpm) gpm

Date (enter date of reading)	Totalizer reading	Flow rate cfs or gpm	Discharge pressure
January (25)	11, 033, 079	855	42
February (29)	15, 294, 134	845	42
March (28)	18, 675, 473	839	42
April (25)	21, 864, 737	791	42
May (16)	24, 103, 149	740	42
June (27)	28, 621, 719	747	42
July (25)	31, 576, 714	733	42
August (29)	35, 008, 076	681	42
September (26)	37, 678, 130	662	42
October (31)	41, 043, 720	668	42
November (28)	43, 701, 725	659	42
December (26)	46, 403, 583	670	42

Does totalizer reading above include meter multiplier? Yes X No

Note: (1) Reading of the meter totalizer, flow rate and discharge pressure should be made and recorded each month on or near the same day.

(2) There are 325,850 gallons per acre-foot

Total Acre-feet 1, 191 OR Total Gallons 388, 087, 350

SECTION IV Modifications made in 1996

Please describe in the space below any major modifications made to the pumping plant or piping system which would affect the accuracy of the flow measurements during 1996. Attach drawings, sketches, photographs, notes or design information if needed.

NONE

Comments:

NONE

SECTION V Certification

I hereby certify that the above reported information is correct to the best of my knowledge and that I recognize that willful submittal of false or inaccurate data is a violation of law subject to the penalty provisions of Sections 42-311, 42-350 and 42-351, Idaho Code.

Date 1-7-97 Signature [Signature]

Note: Each reporting form shall be accompanied by a report processing fee in the amount of **twenty five dollars (\$25) per diversion** made payable to the Idaho Department of Water Resources. (Section 42-701(6), Idaho Code)

For Department Use Only

Received by VR Date 1-13-97 Time 11:30 am

Fee amount submitted \$25- Correct? yes ☐ no ☐

Receipted by VR Receipt No. W021859

Data Entry by SC Date 1/5/04

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

RECEIVED

JAN 13 1997

WATER RESOURCES
WESTERN REGION***THIS IS YOUR 1996 WATER MEASUREMENT ANNUAL REPORT***For the Water Measurement Program - MEASURING DEVICE METHOD

IRRIGATION WELLS

ATTENTION: Year end data must be submitted to Idaho Department of Water Resources
2735 Airport Way, Boise Idaho 83705, on or before January 15, 1997.NOTE: A separate reporting form must be submitted for each well.

Name:	<u>Micron 4</u>
Water Right No:	<u>63-09357 / 63-10208 / 63-11293</u>
Legal Description:	<u>T 2N R 3E Sec. 7 NE ¼ SW ¼</u>
Site Tag No:	<u>GPS Site ID # EO 006153</u>
Diversion Name:	<u></u>

SECTION I Appropriator information

Name and Address of Water Right Holder

*Current Owner*Name Micron Technology, Inc.

Last, First, MI

Address 8000 S Federal WayCity BoisePhone (208) 368-4104Fax (208) 368-5555State & Zip ID 83707-0006*Original Owner (if sold within last year)*Name

Last, First, MI

Address City Phone Fax State & Zip *Operator (if leased or operated by someone else)*Name

Last, First, MI

Address City Phone Fax State & Zip

SECTION II Well Information

NOTE: Idaho code measurement statute § 42-701 requires water users to measure water levels in their wells. However, the department recognizes that measuring water levels in some wells is very difficult, especially wells with submersible-type pumps installed. If the water level cannot be measured, please give a brief explanation in the comments section.

Static Water Level: 460 ft. Date 4-12-96

Depth to water level with the pump off and water level stabilized, measured from approximate ground level to water surface in well.

Dynamic Water Level: 505 ft. Date 10-31-96

Depth to water in the well with the pump operating at or near full capacity and the water level stabilized.

SECTION III. Rate of flow and volume pumped from well(s)

Meter information:

Make Emco V-Bar Model No. V-BAR-600-2NPT Serial No. 150503-B001

Flow rate multiplier 1X Volume totalizer multiplier 1X

Units of measurement: Totalizer(Acre feet or gallons) gallons Flow Rate(cfs or gpm) gpm

Date (enter date of reading)	Totalizer reading	Flow rate cfs or gpm	Discharge pressure
January (25)	33, 696, 131	331	30
February (29)	51, 487, 536	353	30
March (28)	65, 386, 810	345	30
April (25)	72, 994, 772	189	30
May (16)	87, 487, 379	479	30
June (27)	17, 808, 574	501	30
July (25)	41, 427, 572	586	30
August (29)	70, 187, 906	571	30
September (26)	92, 852, 735	562	30
October (31)	22, 027, 644	579	30
November (28)	44, 586, 119	559	30
December (26)	66, 371, 185	540	30

Does totalizer reading above include meter multiplier? ☒ Yes ☐ No

Note: (1) Reading of the meter totalizer, flow rate and discharge pressure should be made and recorded each month on or near the same day.

(2) There are 325,850 gallons per acre-foot

Total Acre-feet 754 OR Total Gallons 245,651,984

SECTION IV Modifications made in 1996

Please describe in the space below any major modifications made to the pumping plant or piping system which would affect the accuracy of the flow measurements during 1996. Attach drawings, sketches, photographs, notes or design information if needed.

NONE

Comments:

NONE

SECTION V Certification

I hereby certify that the above reported information is correct to the best of my knowledge and that I recognize that willful submittal of false or inaccurate data is a violation of law subject to the penalty provisions of Sections 42-311, 42-350 and 42-351, Idaho Code.

Date 1-7-97 Signature [Signature]

Note: Each reporting form shall be accompanied by a report processing fee in the amount of **twenty five dollars (\$25) per diversion** made payable to the Idaho Department of Water Resources. (Section 42-701(6), Idaho Code)

For Department Use Only

Received by VR Date 1-13-97 Time 11:30 am

Fee amount submitted \$25- Correct? yes ☐ no ☐

Receipted by VR Receipt No. W021859

Data Entry by SC Date 1/5/04

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Water Measurement Program

**WATER MEASURING DEVICE CERTIFICATION
REPORTING FORM 1995**

Name:	MICRON 4
Water Right No.	63-09357
Legal Description:	T 2N R 3E Sec. 7 NE 1/4 SW 1/4

Current OwnerName Micron Technology, Inc.Phone 208-368-4104

Last, First, MI

 Address 8000 S. Federal City Boise State ID Zip 83707
Way
Operator (if leased or operated by someone else)
 Name _____
 Last, First, MI

Phone _____

Water measurement device installation date November 16, 1995

METER AND MOUNTING PIPE INFORMATION			
Manufacturer	EMCO V-BAR	Meter Multiplier	X1
Meter Type	VORTEX		
Model Number	V-BAR-600-2NPT	Pipe information	
Serial Number	150503-B001	Pipe material	10" Nominal Ductile Iron
Size (nominal)	24V, 0-1000	Outside Diameter	11.10"
Measure Flow Rate ?	(circle one) Yes No	Wall Thickness	0.29"
Measurement Units	(circle one) CFS (GPM)	Inside Diameter	10.52"
Measure Cumulative Volume ?	(circle one) Yes No	Dist. of straight pipe upstream from meter	12'
Volume Units	Acre-Feet Yes (No) Other (specify) gallons	Dist. of Straight pipe downstrm from meter	20'

SECTION I. CERTIFICATION FOR A NEW METER INSTALLED AFTER December 8, 1994

I certify that the measuring device shown above was installed in accordance with the manufacturer's standards and installation specifications to achieve the accuracy of $\pm 10\%$ required by the Department of Water Resources' water measurement program.

Signature _____

(party responsible for installation)

Date 1-15-96

SECTION II Well Information

Depth to water level prior to any pumping, measured from approximate ground level to water surface in well: Ft. 455 Date 8-17-95 Time of day N/A

Depth to water in the well with pump operating at or near full capacity and the system stabilized (pump should have been operating at least 6 hours): Ft. 571.1 Date 1-12-96
Time of day N/A

Pump discharge pressure at normal operating conditions: 30 PSI(pounds per square inch)

SECTION III. Rate of flow and volume pumped from well(s)

Meter multiplier X 1 (if any)

Units of measurement (Acre feet, gallons or other) gallons

Date (enter date of reading)	Totalizer reading	Acre feet since last reading	Cumulative acre feet	Flow rate cfs or <u>gpm</u>	Discharge pressure
Jan. ()					
Feb. ()					
March ()					
April ()					
May ()					
June ()					
July ()					
August ()					
Sept. ()					
Oct. ()					
Nov. (30)	7671245			381	30 psi
Dec. (28)	20357085			315	30

Does totalizer reading above include meter multiplier? x Yes No

Total Acre-feet N/A

Comment:

No data is available for months prior to November, since
the Well #4 was not operational until November.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Water Measurement Program

**WATER MEASURING DEVICE CERTIFICATION
REPORTING FORM 1995**

Name: Micron 3

Water Right No. 63-11293

Legal Description: T 2N R 3E Sec. 7 $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$

Current Owner

Name Micron Technology, Inc

Phone 368-4104

	Last,	First,	MI	
Address	8000 S.	Federal Way	City	Boise

State ID Zip 83707

Operator (if leased or operated by someone else)

Name

Phone

Last,	First,	MI
-------	--------	----

Water measurement device installation date June 15, 1995

METER AND MOUNTING PIPE INFORMATION			
Manufacturer	Dietrich Standard	Meter Multiplier	refer to section III
Meter Type	Digital Totalizer		
Model Number	DECI IMN2XX3XX4XX P3ESRATXAX	Pipe information	
Serial Number	F278317.1.2	Pipe material	10" nominal ductile iron
Size (nominal)	24x 0-1000 gpm	Outside Diameter	11.10"
Measure Flow Rate ?	(circle one) Yes No	Wall Thickness	0.20"
Measurement Units	(circle one) CFS GPM	Inside Diameter	10.52"
Measure Cumulative Volume ?	(circle one) Yes No	Dist. of straight pipe upstream from meter	4'
Volume Units	Acre-Feet Yes No Other(specify) Gallons	Dist. of Straight pipe downstrm from meter	8'

SECTION I. CERTIFICATION FOR A NEW METER INSTALLED AFTER December 8, 1994

I certify that the measuring device shown above was installed in accordance with the manufacturer's standards and installation specifications to achieve the accuracy of $\pm 10\%$ required by the Department of Water Resources' water measurement program.

Signature

John Campbell
(party responsible for installation)

Date _____

1-15-96

SECTION II Well Information

Depth to water level prior to any pumping, measured from approximate ground level to water surface in well: Ft. 405 Date 4-30-91 Time of day N/A

Depth to water in the well with pump operating at or near full capacity and the system stabilized (pump should have been operating at least 6 hours): Ft. 515 Date 11-17-95
Time of day N/A

Pump discharge pressure at normal operating conditions: 42 PSI(pounds per square inch)

SECTION III. Rate of flow and volume pumped from well(s)

Meter multiplier X 1 (if any)

Units of measurement (Acre feet, gallons or other) gallons

Date (enter date of reading)	Totalizer reading	Acre feet since last reading	Cumulative acre feet	Flow rate cfs or <u>gpm</u>	Discharge pressure
Jan. ()					
Feb. ()					
March ()					
April ()					
May ()					
June (29)	1435496			*71+400=471	42psi
July (27)	19039518			*437+400=837	42psi
August (31)	44441129			*504+400=904	42psi
Sept. (28)	63997256			*480+400=880	42psi
Oct. (26)	83135351			*480+400=880	42psi
Nov. (30)	4105118			910	42psi
Dec. (28)	*7586188			863	42psi

Does totalizer reading above include meter multiplier? X Yes *X No

Total Acre-feet N/A

Comment:

~~*Through November 2, the totalizer for well #3 was recorded use a~~
~~approximately 480 gpm. when actual use was approximately 880 gpm.~~
~~On November 7, the totalizer was repaired and now reads accurate~~
~~The meter multiplies for the repaired totalizer is x10. Based~~
~~on this information, the cumulative totals submitted for well #3~~
~~through November 2, have been adjusted on the table to reflect~~
~~the additional 400gpm actual flow rate. Also no data are~~
~~available for may, since the totalizer was available until June.~~
~~The totalizer was not installed until June.~~

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
Water Measurement Program

**WATER MEASURING DEVICE CERTIFICATION
REPORTING FORM 1995**

Name: <u>Micron Well #2</u> Water Right No. <u>63-10208</u> Legal Description: <u>T2N</u> <u>R 3E</u> <u>Sec. 7</u> <u>1/4</u> <u>NE 1/4</u> <u>NW 1/4</u>
--

Current OwnerName Micron Technology, Inc.Phone 208-368-4104

Address 8000 S. Federal Way City Boise State ID Zip 83707

Operator (if leased or operated by someone else)

Name _____
Last, First, MI

Phone _____

Water measurement device installation date June 1, 1995

METER AND MOUNTING PIPE INFORMATION			
Manufacturer	Dietetevch Stand.	Meter Multiplier	X1
Meter Type	Digital Totalizer		
Model Number	DEC II ~~11111111111111111111~~ ~~P3ESKATXAXXDS~~	Pipe information	
Serial Number	F278317.1.1	Pipe material	4" nominal Steel Sch 40
Size (nominal)	24, 0-1000 gpm	Outside Diameter	4.5
Measure Flow Rate ?	(circle one) Yes ☒ No ☐	Wall Thickness	0.237
Measurement Units	(circle one) CFS ☐ GPM ☒	Inside Diameter	4.026
Measure Cumulative Volume ?	(circle one) Yes ☐ No ☒	Dist. of straight pipe upstream from meter	3'
Volume Units	Acre-Feet Yes ☐ No ☒ Other (specify) <u>saline</u>	Dist. of Straight pipe downstrm from meter	3'

SECTION I. CERTIFICATION FOR A NEW METER INSTALLED AFTER December 8, 1994

I certify that the measuring device shown above was installed in accordance with the manufacturer's standards and installation specifications to achieve the accuracy of $\pm 10\%$ required by the Department of Water Resources' water measurement program.

Signature _____

John E. Campbell
(party responsible for installation)

Date _____

1-15-96

SECTION II Well Information

Depth to water level prior to any pumping, measured from approximate ground level to water surface in well: Ft. 415 Date 9-15-83 Time of day N/A

Depth to water in the well with pump operating at or near full capacity and the system stabilized (pump should have been operating at least 6 hours): Ft. 424 Date 8-1-95
Time of day N/A

Pump discharge pressure at normal operating conditions: 15 PSI(pounds per square inch)

SECTION III. Rate of flow and volume pumped from well(s)

Meter multiplier X 1 (if any)

Units of measurement (Acre feet, gallons or other) gallons

Date (enter date of reading)	Totalizer reading	Acre feet since last reading	Cumulative acre feet	Flow rate cfs or <u>gpm</u>	Discharge pressure
Jan. ()					
Feb. ()					
March ()					
April ()					
May ()					
June (29)	4889342			117	15psi
July (27)	12368675			185	15psi
August (31)	23227252			215	15 psi
Sept. (28)	33116129			245	15psi
Oct. (26)	42792595			240	15psi
Nov. (30)	54939073			241	15psi
Dec. (28)	64570027			239	15psi

Does totalizer reading above include meter multiplier? ☒ Yes ☐ No

Total Acre-feet N/A

Comment:

No data are available for may, since the totalizer was not
available until June and was not installed until June.

SECTION II. Well Information *please refer to comment.

Depth to water level prior to any pumping, measured from approximate ground level to water surface in well: Ft. _____ Date _____ Time of day _____

Depth to water in the well with pump operating at or near full capacity and the system stabilized (pump should have been operating at least 6 hours): Ft. _____ Date _____ Time of day _____

Pump discharge pressure at normal operating conditions: _____ PSI(pounds per square inch)

SECTION III. Rate of flow and volume pumped from well(s)

Meter multiplier X _____ (if any)

Units of measurement (Acre feet, gallons or other) _____

Date (enter date of reading)	Totalizer reading	Acre feet since last reading	Cumulative acre feet	Flow rate cfs or gpm	Discharge pressure
Jan. ()					
Feb. ()					
March ()					
April ()					
May ()					
June ()					
July ()					
August ()					
Sept. ()					
Oct. ()					
Nov. ()					
Dec. ()					

Does totalizer reading above include meter multiplier? _____ Yes _____ No

Total Acre-feet _____

Comment: As of May 6, 1995, Micron Well #1 is not in operation. Also, it is planned
that Micron Well #1 will not be operational in the future.