



STATE OF IDAHO  
WATER DISTRICT 140  
C/O IDAHO DEPARTMENT OF WATER RESOURCES  
1341 FILLMORE ST., STE. 200  
TWIN FALLS, ID 83301-3380  
TELEPHONE NUMBER (208) 736-3033  
FACSIMILE NUMBER (208) 736-3037

IDWR DIRECTOR  
DAVID R TUTHILL, JR

WATERMASTER  
CINDY YENTER  
[Cindy.Yenter@idwr.idaho.gov](mailto:Cindy.Yenter@idwr.idaho.gov)

June 16, 2008

BOARD OF DIRECTORS  
GOOSE CREEK IRRIGATION DISTRICT  
PO BOX 207  
OAKLEY IDAHO 83346

BRIAN HIGGS  
WATER WELL CONSULTANTS  
6330 W 33<sup>rd</sup> S  
IDAHO FALLS ID 83402

Dear Board Members and Mr. Higgs:

I am responding to Mr. Critchfield's correspondence dated February 15, 2008, which petitions the Idaho Department of Water Resources (IDWR) for Goose Creek Irrigation District (GCID) to measure and report to Water District 140. GCID is recognized as a sub-district in WD140 and is therefore eligible to measure and report for its member ground water users, upon demonstration that these activities will be in compliance with IDWR measurement standards and statutory reporting requirements.

GCID indicates that they have secured or will secure Mr. Higgs and his firm, Water Well Consultants (WWC) as Hydrographer for GCID. Mr. Higgs is currently serving as a contract hydrographer for Bonneville-Jefferson and Aberdeen-American Falls Ground Water Districts in WD120, Magic Valley and North Snake Ground Water Districts in WD130, and Southwest Irrigation District in WD140. The total number of wells measured and reported by WWC within these Water Districts is approximately 2765. The addition of ground water diversions in GCID would add approximately 60 diversions to this total.

Measurement and reporting data provided by WWC for irrigation diversions in Water Districts 120, 130 and 140 meet present IDWR standards. However, I have recently required the North Snake Ground Water District (NSG) and WWC to resolve some ongoing problems specifically related to the reporting and data entry for non-irrigation (commercial dairy) diversions within NSG. Until these problems are resolved, authorization for WWC to conduct measurement and reporting in GCID and in WD140 will be limited to *irrigation diversions only*.

Consistent with our responses to other measurement requests, IDWR and WD140 are seeking assurance that the overall quality of WWC's work will not decline as the firm continues to build its client base. I am requesting on behalf of both WD140 and IDWR that Mr. Higgs submit an updated report or work plan that substantiates the ability of the firm to accommodate the increased workload created by the additional GCID diversions. The report must include the following:

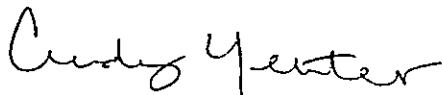
- A list of the field staff hired for the 2008 irrigation season, including the geographical areas in which they will be working and the dates they are available, and an estimate of the number of diversions reasonably expected to be measured by each staff member.
- A list of office personnel and their availability during and after the irrigation season for data entry and related followup, and the number of computers available for WMIS data entry.

- An estimate of the percentage of Mr. Higgs' time that is spent on other WWC projects not related to ESPA / Water District measurement and reporting.
- A list or count of measurement equipment and other relevant equipment resources, and operational status of all equipment.
- WD140 has recommended to IDWR that flow meters be ordered as standard measuring devices for irrigation wells in WD140. Please discuss the changes WWC is prepared to make in its operations and staffing to guarantee that all device data can be collected and reported each year as required.

At this time, all ground water diversions for commercial, municipal, industrial or other non-irrigation uses within WD140 will be measured, assessed by, and reported directly to WD140. Any of these water users may petition to join GCID or other groups as mitigation-only members, if necessary to avoid curtailment of water rights. In the future, a request to include non-irrigation ground water users in GCID for measurement and reporting might be considered, provided the request is accompanied by a viable measurement plan.

As soon as I receive and review Mr. Higgs' report, I will notify GCID with a final decision. While I do not anticipate a problem with the approval of the GCID measurement request for irrigation diversions, I must complete the formal review process. I realize that WWC has already been working in GCID, and I will forward the GCID diversion lists as soon as I am able.

Regards,



Cindy Yenter, Watermaster  
Water District 140

cc: Tim Luke, IDWR  
North Snake GWD  
Magic Valley GWD  
Aberdeen-American Falls GWD  
Bonneville-Jefferson GWD  
Southwest Irrigation District

**WATER WELL CONSULTANTS, INC.**  
**Report to Water Master regarding GCID**

**2008 FIELD STAFF** (our field staff work 12-14 hour days, 5-6 days a week)

**Brian D. Higgs, Licensed Professional Geologist**

BS in Geology from BYU, Previously employed by USGS and INL. 25 years experience  
Available 24-7 year round (less than 5% of time spent on other WWC projects not related to ESPA/Water District measurement and reporting)  
Working in all districts

**Jaxon B. Higgs, Hydrologic Technician**

Geology Major at BYU-Idaho (Jr.), 7+ years previous experience, Fluent in Spanish  
Available 4-14-08 to 9-6-08, 12-15-08 to 1-6-09 as needed  
Working in NS, SW, & AFA

**Brian A. Krupp, Hydrologic Technician**

BS in Geology from BYU-Idaho, Secondary Education Teaching Certificate from ISU, 8th Grade Earth Science Teacher, 4 years previous experience  
Available 6-10-08 to 7-24-08  
Working in BJ & AFA

**Barry C. Miller, Hydrologic Technician**

Geology Major at BYU-Idaho (Jr.), 1 year previous experience  
Available 4/14/08 to 9-6-08, 12-15-08 to 1-6-09 as needed  
Working in MV, SW, & AFA

**Chris Perkins, Hydrologic Technician**

Geology Major at BYU-Idaho (Soph.), Intern  
Available 4-14-08 to 9-6-08, 12-15-08 to 1-6-09 as needed, committed to 2009  
Working in MV, SW, & AFA

**Brent Doty, Hydrologic Technician**

Geology Major at BYU-Idaho (Sr.), Fulfilled internship in 2007 with IDWR in IF. Intern, Fluent in Spanish  
Available 4-14-08 to 6-3-08 (Geology Field Camp) 7-21-08 to 9-6-08, 12-15-08 to 1-6-09 as needed, committed to 2009  
Working in BJ & AFA

**"An estimate of the number of diversions reasonably expected to be measured by each staff member":** With the addition of Goose Creek Irrigation District, Water Well Consultants, Inc. (WWC, Inc.) will measure and report approximately 2825 diversions. This requires measurement of 942 diversions each year. The actual total number of diversions is less than that due to the fact that some of the diversions are no longer used. Each Hydrologic Technician works 12 hour days, 6 days a week from May thru August or approximately 90 days. Consequently, each technician needs to make at least 2.1 measurements per day to meet the requirement.

**WATER WELL CONSULTANTS, INC.**  
**Report to Water Master regarding GCID**

**2008 OFFICE STAFF**

**Brian D. Higgs, P.G.**

see above

Available 24-7 year round

**Barbara M. Higgs, Office Manager**

Water Well Consultants, Inc. - 13 years, Office Manager for 2 other professional offices, Producer of several high budget professional & semi-professional Musical Theater Productions (retired), Served on the Board of Directors for the Idaho Falls Youth Arts Centre for 8 years (resigned)

Available 24-7 year round

**Harmony H. White**

BS in Music from BYU

Available full-time year round as needed

**Jaimie H. Krupp**

RN from BYU-Idaho

Available full-time 6-10-08 to 8-7-08

**Jaxon B. Higgs**

see above, trained in GIS

Available part-time 9-8-08 to next field season, full-time 12-15-08 to 1-6-09 as needed

**Barry C. Miller**

see above

Available part-time 9-8-08 to next field season, full-time 12-15-08 to 1-6-09 as needed

**Kristi Miller**

BYU-Idaho Student (Sr.), Elementary Education Major

Available full-time 4-16-08 to 9-8-08 & 12-15-08 to 1-6-09 as needed, part-time 9-8-08 to next field season

**Brent Doty**

see above, trained in GIS

Available part-time 9-8-08 to next field season, full-time 12-15-08 to 1-6-09 as needed

**Brenda Doty**

BYU-Idaho Student (Sr.), General Studies Major

Available full-time 6-9-08 to 9-8-08 & 12-15-08 to 1-6-09 as needed, part-time 9-8-08 to next field season

**Brittany Bakow**

BYU-Idaho Student (Jr.), English Major

Available full-time 4-14-08 to 5-29-08 & 12-15-08 to 1-6-09 as needed, part-time 9-8-08 to next field season

**Rachel Thornton**

BYU-Idaho Student (Jr.), Recreation Management Major

Available full-time 4-14-08 to 4-29-08, part-time 9-8-08 to next field season

**Megan Cox**

BYU-Idaho Student (Soph.)

Available part-time 9-8-08 to next field season, full-time 12-15-08 to 1-6-09 as needed

**Paul Pelot**

BS in Geology from ISU, Minor in GIS

Available evenings and weekends as needed

**WATER WELL CONSULTANTS, INC.**  
**Report to Water Master regarding GCID**

**VEHICLES**

'07 Toyota Tundra Pickup Double Cab  
'07 Toyota Tacoma Pickup Double Cab  
'04 Toyota Tundra Pickup Double Cab  
'03 Dodge Ram Cummins Diesel Pickup Crew Cab  
'99 Dodge Ram Cummins Diesel Pickup Extended Cab

**EQUIPMENT** (All equipment is in good working order)

6 Fuji Ultrasonic Flow meters including transducers & bars (calibrated at Kimberly Laboratory)  
5 small diameter transducer sets  
1 Doppler Flow meter  
5 Ultrasonic Thickness Gauges  
5-50' Extension Cables  
7 Inverters  
Down-Hole TV Camera  
4 E-line Water Level Indicators  
5 Cell Phones  
7 Computers (2 equipped with GIS)  
7 Employee Computers Available  
Miscellaneous Office & Field Equipment  
'03 Honda ATV  
'00 Honda ATV

**OFFICE & HOUSING**

Office - 6330 W. 33rd S., Idaho Falls, ID (equipped with high speed internet)  
Work House - 411 S. Crestview Rd., Paul, ID (equipped with high speed internet)  
'01 Tahoe 5<sup>th</sup> Wheel - 28 ft.  
'78 Airstream Camp Trailer - 23 ft.  
'73 Airstream Camp Trailer - 31 ft.

**"Changes WWC is prepared to make in it's operations and staffing to guarantee that all device data can be collected and reported each year as required":** Water Well Consultants, Inc. (WWC, Inc.) currently contracts measuring and reporting for 5 Groundwater and Irrigation Districts. All irrigation measuring and reporting is consistent throughout all the districts. If IDWR determines that flow meters will be standard measuring devices in WD 140 WWC, Inc. is already prepared to meet this requirement. The calibration of a flow meter requires no extra field effort. In fact, flow meters require less field work. Currently in all districts the owner is responsible to provide monthly readings of these meters at the end of the year. If Southwest Irrigation District and Goose Creek Irrigation District desire WWC, Inc. to read the meters monthly it is obvious from the list of our employees and equipment that this will not be an added burden. Southwest Irrigation District & Goose Creek Irrigation District are planning to annex dairy and feedlot wells into their districts. The contract with WWC, Inc. will include measuring and reporting, and monthly meter readings. WWC, Inc. is more than able to complete these tasks.