



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000

Phone: (208) 327-7900 FAX: (208) 327-7866

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

April 30, 1997

Greg Shenton
Don Shenton
Water District 31
PO Box 33
Dubois ID 83

Dear Greg and Don:


Attached to this letter is a notice announcing a workshop for people who will be measuring diversions of water and submitting reports to the state as part of the water measurement program in the East Snake Plain Aquifer (ESPA). I am forwarding this notice to you since you are involved in measuring some wells within the ESPA and because of your responsibility of measuring wells in the Big Lost basin. A similar notice is being forwarded to Doug Rosenkrance, watermaster for district 34.

The Department feels that ground water diversions in your district, which includes wells in the ESPA, should be measured and reported in a manner consistent for diversions required to be measured within the water measurement districts, ground water districts and irrigation districts of the ESPA. For this reason, we ask that you attend the workshop. Any assistants which you have hired this year should also attend this workshop.

This invitation does not mean that IDWR is considering changes in the general operation of the district or in how the district measures diversions. However, the department and the district should consider or evaluate whether any changes are needed in how ground water diversions in your district are reported. Again, our goal is to consider ways in which wells in your district can be reported in a manner consistent with the other districts. Your attendance at the workshop would provide you with some understanding about the proposed measurement and reporting methodology for other wells in the ESPA.

Please review the enclosed agenda and call me if you have any questions. I look forward to seeing you on May 13.

Respectfully,


Tim Luke



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NOTICE

On May 13 and 14, 1997, IDWR will hold a training workshop for all individuals who are directly involved in the measurement and reporting of diversions within water measurement districts, ground water districts and irrigation districts of the East Snake Plain Aquifer (ESPA). The workshop will include a one day classroom seminar at the College of Southern Idaho Mini-Cassia Center, Burley, Idaho, and one half-day of field training and review near Burley. A workshop agenda is attached along with a list of expected attendees.

Participation is mandatory for all water measurement district hydrographers and assistants, and staff, consultants or contracting agents of ground water districts and irrigation districts who will be doing measurement and reporting work during 1997. Directors and other staff members of ground water districts and irrigation districts are welcome to attend all or part of the workshop. The workshop is intended to provide information about IDWR's guidelines and expectations for measurement and reporting of diversions within the ESPA during 1997 and beyond. This will also be an opportunity for participants to raise questions and share their experience, problems or concerns with other participants and IDWR.

There is no registration cost or fee associated with the workshop, but participants will need to arrange for their own meals and lodging if necessary. If you have questions about the workshop or need further information please contact Tim Luke, Scott King or Burke Scholer at 327-7900. We look forward to your attendance.

**WATER MEASUREMENT AND REPORTING
OF DIVERSIONS IN THE SNAKE PLAIN AQUIFER**

**WORKSHOP FOR WATER MEASUREMENT DISTRICTS,
GROUND WATER DISTRICTS AND IRRIGATION DISTRICTS**

MAY 13 - 14, 1997

BURLEY, ID

**College of Southern Idaho Mini-Cassia Center, Room 10
1458 Overland Rd**

May 13 9:15 a.m. - 5:00 p.m.

I. Welcome & Introduction

II. Background Review

- review of water measurement statutes, water measurement districts, ground water districts, irrigation districts; water measurement district exclusions & implementation plans

III. Ground Water Measurement - Part 1

- measurement using permanent flow meters; flow meter standards and minimum specifications; flow meter accuracy evaluation, certification, and calibration

Lunch Break: approx. noon - 1 pm (on your own)

IV. Ground Water Measurement - Part 2

- measurement using power records; Power Consumption Coefficient (PCC) conditions and record keeping; other methods of measurement

V. Diversion Site Identification

- site location using GPS, site identification tags and numbers

VI. Ground Water Level Measurement

- monitoring networks; district measurements

VII. Reporting

- annual report requirements and contents; report structure; reporting unauthorized diversions

May 14

Field visit to well sites near Burley. Review of diversion system inventory, site identification, system evaluation, flow measurement, energy measurement, PCC derivation, ground water level measurements.

EXPECTED WORKSHOP ATTENDEES

Ron Carlson, Hydrographer, East & North Measurement Districts
Don Simpkins, Assistant Hydrographer, East Measurement District
Bryce Contor, Assistant Hydrographer, North Measurement District
Allen Merritt, IDWR Reg. Mgr./Hydrographer, West Measurement Dist
Dan Temple, A & B Irrigation District
Bill Young, USGS/Southwest Irrigation District
Mike Campbell, USGS, Twin Falls
Jeff Martin, Steelhead Engineering/North Snake GWD
Brian Higgs, Water Well Consultants/Magic Valley GWD
Rex Winn, Idaho Power Co./American Falls-Aberdeen & Bingham GWD
Richard Hawkes, Idaho Power Co., Twin Falls
Dennis Elison, Idaho Power Co., Blackfoot
Dennis Andrews, City of Rupert
Doug Rosenkrance, Watermaster, Water District 34
Don Shenton, Watermaster, Water Districts 31 & 32
Ground Water District Directors & Staff:
 American Falls-Aberdeen
 Bingham
 Magic Valley
 North Snake