

# North Ada County Technical Working Group Agenda

Thursday, August 10, 2010

1:00 – 4:00 pm

## IDWR CONFERENCE ROOMS 602C and 602D

### Items

#### 1) Introductions

#### 2) Presentation and discussion of current projects ongoing in North Ada County

##### A) USGS Contract work

###### a. Boise River seepage runs

- i. The final seepage run on the Boise River was conducted on August 3, 2010.
- ii. This was the fourth set of measurements (November 5, 2009, February 8, 2010, May 25, 2010 and August 3, 2010)
- iii. Data is being reviewed and final report is being prepared
- iv. Presentation of data and results when finalized and available.

###### b. USGS Geochemistry Investigation

- i. The final report is complete and available at <http://pubs.usgs.gov/sir/2010/5144/>
- ii. Major conclusions:
  1. CFCs detected in all samples collected
  2. Ages vary
  3. Tritium
- iii. Recommendations for future work
  1. Recharge source sampling
  2. Additional deep well sampling
  3. CFCs/Tritium (which one?)

###### c. USGS Stream gages

- i. All three gages are installed and up and running
- ii. Data can be accessed through <http://waterdata.usgs.gov/id/nwis/current/?type=flow>

- iii. **Any recommendations for additional sites? (Non-USGS gage installations)**

**B) Monitoring well installation**

- a. **First well nest is complete. Eagle Hills Elementary School Deep and Shallow wells**
  - i. **Findings**
    - 1. **Lithologic plots**
    - 2. **Geophisic plots**
    - 3. **Construction details**
  - ii. **Future sites**
    - 1. **An access agreement between the Department and ITD has been signed by IDWR, awaiting return from ITD.**
    - 2. **Potential private land owner sites? One land parcel has been identified and the land owner has been contacted. Awaiting access agreement.**
    - 3. **Calls into the BLM regarding access to BLM foothills land. Endangered species slick grass is a concern.**
    - 4. **Any recommendations on additional well locations?**

**C) Treasure Valley modeling update**

- a. **Cosgrove report is final and available at the NAC website.**  
[http://www.idwr.idaho.gov/WaterInformation/Projects/nac/consultant\\_reports/Cosgrove-Final.pdf](http://www.idwr.idaho.gov/WaterInformation/Projects/nac/consultant_reports/Cosgrove-Final.pdf)
  - i. **Major conclusions**
  - ii. **Recommendations**
- b. **Bureau of Reclamation modeling efforts**
  - i. **Model is constructed and populated**
  - ii. **Ongoing calibration efforts**
  - iii. **Expanding boundaries to include Payette Valley and East Ada areas**
  - iv. **Modeling working group needs to be developed**

**D) Surface water measurements**

- a. **Seepage runs**
  - i. **Two runs this summer on Dry Creek**
  - ii. **One completed on Spring Valley Creek**

- iii. **One additional run on both streams this summer, depending on water availability**
  - b. **Drain measurements**
    - i. **Organize a team to begin drain measurements in early October.**
    - ii. **Pick up additional drain sites identified by Drainage District No. 2**
  - c. **Additional work**
    - i. **Shallow piezometers adjacent to drainage measurements**
    - ii. **Survey drain elevations**
    - iii. **South side of the river? Focus area?**
- E) **Geophysics work**
  - a. **Lee's presentation from the last meeting is available at the NAC website.**  
[http://www.idwr.idaho.gov/WaterInformation/Projects/nac/PDF/20100408/04-08-2010\\_Geophysics.pdf](http://www.idwr.idaho.gov/WaterInformation/Projects/nac/PDF/20100408/04-08-2010_Geophysics.pdf)
  - b. **Major findings discussion**
  - c. **Recommendation discussion**
  - d. **Ongoing data being collected through end of August.**
  - e. **Recommendations for additional work?**
- F) **Water Level Monitoring**
  - a. **Current monitoring network includes over 80 wells.**
  - b. **Continue quarterly water level measurements**
  - c. **Current findings**
  - d. **HydroOnline update**  
<http://www.idwr.idaho.gov/hydro.online/gwl/default.htm>
  - e. **Survey wellheads/GPS wellheads – discussion**
- G) **Comments and suggestions on current tasks and proposals for future tasks.**

**3) Presentation on East Ada County Project**

- A) Project scope**
- B) Ongoing tasks**
- C) Future tasks**

**4) Conclusions and final remarks**

