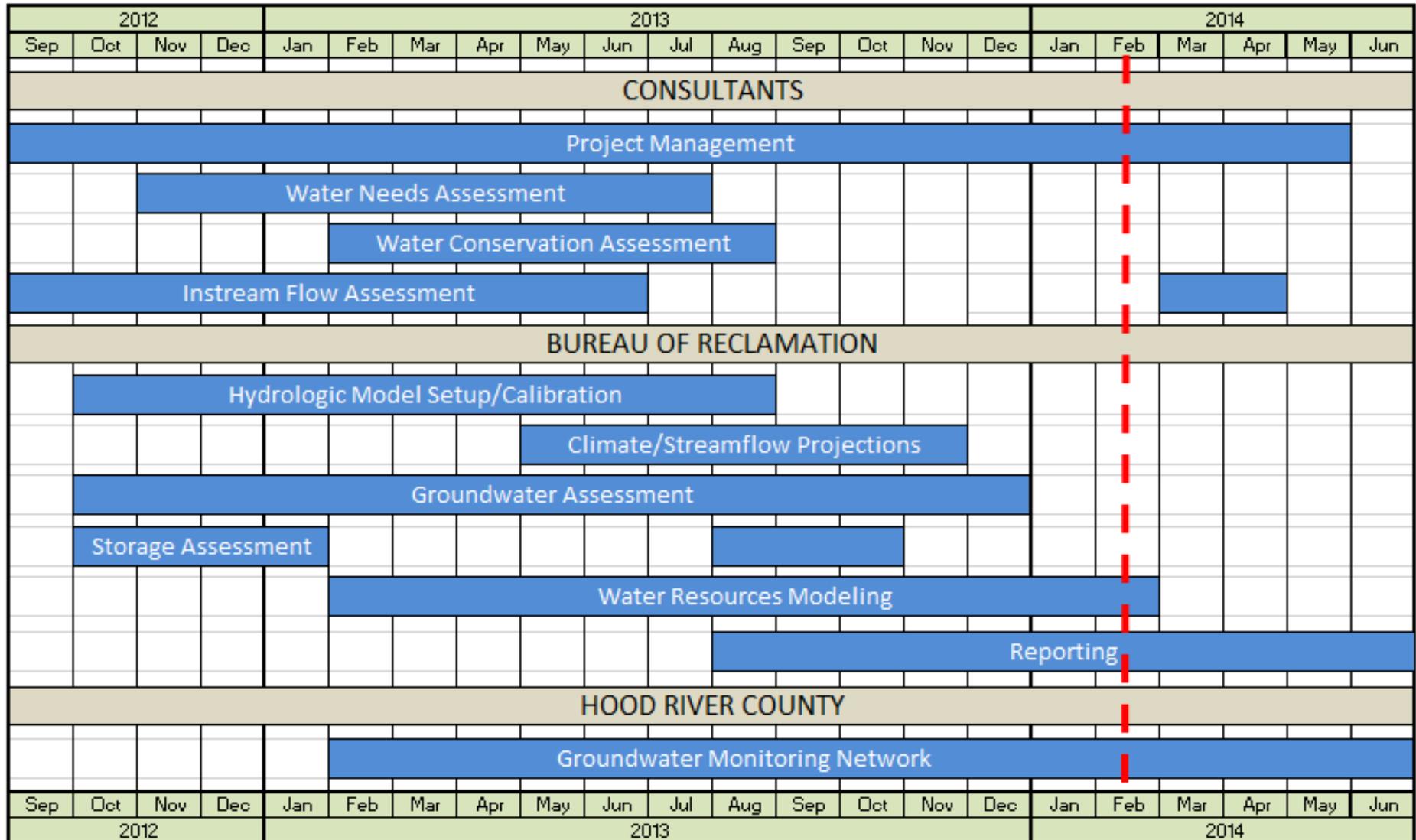


# Agenda

- Overall Schedule (5 minutes, Niklas)
- BOR Report Schedule (5 minutes, Toni)
- Water Resource Modeling Results (45 minutes, Taylor)
- Groundwater Monitoring (5 minutes, Mattie)
- OWRD Storage Report (5 minutes, Mattie)

# Basin Study Schedule



# Upcoming Hood River Schedule

## April 2<sup>nd</sup> Water Planning Group meeting

- Basin Study results.
- IFIM results (if complete).
- Review of HR Water Conservation Assessment.
- Discussion of results/next steps.

## May 7<sup>th</sup> Water Planning Group meeting

- Basin Study results.
  - IFIM results (if not done by April 2<sup>nd</sup>).
  - Discussion of results/next steps
- Transition to new Water Conservation Strategy development (Cindy).

## June 4<sup>th</sup> Water Planning Group meeting

- Basin Study Results.
- Discussion of results/next steps for Water Conservation Strategy development (Cindy).

# Transition to new Water Conservation Strategy (Cindy)

Purpose: To determine what WPG should do in response to results from Basin Study.

Questions / Thoughts:

- 1). Similar advisory group as WPG?
- 2). Should we continue to have monthly meetings from July through October; subsequent meeting schedule TBD?
- 3). Move to OSU Extension.
- 4). More discussion focused.
- 5). Cindy is project manager for grant; can facilitate meetings if this is acceptable to the group.

# Hello

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- – BOR presentations here. Toni then Taylor, I think

# HRC Update

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1. Groundwater Monitoring Network Administration
2. OWRD Grant Analysis & Reporting

# Groundwater Monitoring Network

# Groundwater Monitoring Network

## *Overview of Tasks*

- Mattie's work with administering the HRC Groundwater Monitoring Network has basically been broken into these five tasks:
  1. Monitoring
  2. Recruitment of New Wells
  3. Administration of Data
  4. Stakeholder, Public, & Well Owner Outreach
  5. Project Documentation & Research



# Groundwater Monitoring Network

## *Task #1: Monitoring*

### Completed

In January 2014, a total of 57 wells were measured, including 18 new wells.

### Next Steps

Next measurements will take place from March 10<sup>th</sup> through the 14<sup>th</sup>.

# Groundwater Monitoring Network

## Task #2: Recruitment of New Wells

### Completed

- From November 2013 to January 2014 an additional 18 wells were added to the network
- The table below provides a timeline of how many wells have been added to the network from 2009 to the present.

Date	Number of Wells Added
January 2009	14
March 2013	18
June 2013	6
January 2014	19
Total	57

### Next Steps

- Focus on regions in the County where wells are not being measured.
- Contact well owners in these regions that have been unresponsive to mailings by phone.
- Target wells on properties owned by HRC and USFS.



# Groundwater Monitoring Network

## *Task #3: Data Administration*

### Completed

- Collection of Geospatial Data:
  - ▣ Geodatabases of all wells in the County developed by HRC and DoGAMI.
  - ▣ GPS waypoints taken from wells included in the network.
- Collection of Non-spatial Data:
  - ▣ Well owner information
  - ▣ Directions to the well
  - ▣ Well Logs
  - ▣ Pictures
  - ▣ OWRD well measurements
- QA review and correction of Data for Miss-located Wells

### Next Steps

- Continue development of geodatabase combining GPS waypoints with HRC and DOGAMI geodatabases.
- Continue collection of well information as wells are included in the network.
- OWRD will continue to add data to their website as wells are measured on a quarterly basis.
- Continue QA review of well data.

# Groundwater Monitoring Network

## *Task #4: Well Owner, Stakeholder, & Public Outreach*

### Ongoing

- Yearly informational letters provided to well owners included in the network.
- Monthly to quarterly updates of progress in administering the network to the WPG and Watershed Group.
- Development of the HRC website providing information about the monitoring program.

# Groundwater Monitoring Network

## *Task #5: Project Documentation & Research*

### Completed

Preliminary draft of a report documenting my efforts in expanding the network and alternatives to continue the network.

### Next Steps

Complete draft for review by April 2014.

# OWRD Grant Analysis & Reporting

# OWRD Grant Analysis & Reporting

- Most of the work completed by stakeholders, consultants, and Reclamation fulfill the requirements of the OWRD Grant Agreement (GA).
- But some remaining work is needed for these three tasks listed in the GA:

*Task 5: Assess Physical Feasibility of Surface Storage and Other Alternatives:*

*Task 6: Assess Regulatory and Ecological Feasibility of Surface Storage and Other Alternatives:*

*Task 7: Assess Economic Feasibility of Surface Storage and Other Alternatives:*

# OWRD Grant Analysis & Reporting

- Evaluation of regulatory, ecological, economic, and physical feasibility of the “other alternatives” evaluated elsewhere (e.g., Water Conservation Assessment, IFIM Study).
- Reclamation has done a preliminary assessment of the physical feasibility of surface storage alternatives.
- From December 2013 to the present, Mattie has been preparing a report which will evaluate the physical, economic, regulatory, and ecological feasibility of the surface water alternatives.

# OWRD Grant Analysis & Reporting

In the report, Mattie is focusing on the three storage alternatives Reclamation is analyzing in MODSIM:

- Expansion of Upper Green Point Reservoir
- Expansion of Laurance Lake
- A New Reservoir along the West Fork Neal Creek.

# OWRD Grant Analysis & Reporting

To analyze the physical, economic, ecological, and regulatory feasibility of the alternatives the following metrics are being used:

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Criterion	Metric
Physical Feasibility	Seismic Hazards
	Hydrologic Conditions
	Geology/ Soils
	Topography
Regulatory and Ecological Feasibility	Habitat of ESA Listed Species
	Wetlands
	Water Available for Appropriation
Economic Feasibility	Capital Costs
	Annual Costs

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# OWRD Grant Analysis & Reporting

- Draft Report completed by March 2014
- Review period during March 2014
- Final Report by April 2014
- Incorporation of Final Report into OWRD Final Grant Report by May 2014