

## Data Collection, Characterization, Monitoring

### Charge from Groundwater Management Area Advisory Committee

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A discussion of timelines and details regarding the Nitrate Loading Assessment

### Working Group Members

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Melanie Redding (Chair); Andres Cervantes; Bill Dunbar; Bob Stevens; Charles Ellingson; Charlie McKinney; Chelsea Durfey; Dave Cowan; Donald Brown; Doug Simpson; Elizabeth Sanchey; Eric Winiecki; Frank Lyall; Ginny Stern; Jaclyn Hancock; Jan Whitefoot; Jean Mendoza; Jennifer MacDonald; Jim Trull; John Van Wingerden, Kevin Lindsey; Laurie Crowe; Lino Guerra; Kirk Cook; Mike Shuttleworth; Ralph Fisher; René Fuentes; Robert Farrell; Ron Cowin, Scott Stephen; Sheila Fleming; Steve Swope; Stuart Turner; Thomas Tebb; Dr. Troy Peters

### Meetings/Calls Dates

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Meeting: Thursday, September 10, 2015 10:00am to 12:00pm

Call Number: 509-574-2353 pin: 2353#

### Participants

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Present: Melanie Redding (Chair)\*, Andy Cervantes\*, Laurie Crowe\*, Kirk Cook\*, Ginny Stern\*, Steve George, Jim Trull, Stu Turner, Jim Davenport, Jean Mendoza, Charlie McKinney, Vern Redifer, Lee Murdock, and Erica Naasz (Yakima County Support Staff)

\*via phone

### Key Discussion Points

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#### DATA Committee Goal, Objectives, and Process

The Data Committee's goal is to reduce nitrate concentrations in groundwater below the state drinking water standards.

The Committee's objectives are to collect data and monitor, identify problems, conclude measures to reduce groundwater contamination, and educate.

The GWMA process is to lay out where the group is going and the steps that need to be taken to reduce nitrates in the aquifer.

Ambient Groundwater Monitoring – PGG sent a proposal to design a system. The hydrogeologists are going to peer review it and then send the scope of work to the Data Committee for review.

Nitrogen Loading Assessment – Melanie gave a brief overview as to the goal of the Nitrogen Loading Assessment and stated that in the interested of providing a comprehensive review, the group will hold off on an intensive analysis of the individual sectors until the initial work in each

sector has been completed. Viewing the sectors independent of each other would not provide reviewers with all of the information they need. Process, models and parameters of the Assessment.

At that point the group can review not only the parameters and processes used in the analysis, but also have the ability to view a sensitivity analysis – This analysis can be used to determine which parameters are most likely to change the output. The low level parameters would be less concern that those that change the outcome greatly.

### **Timeline**

It is envisioned that the Data Committee should have the information back from the peer reviewers for their own review by November. The information would then be handed to the GWAC who are the policy makers in charge of developing the plan.

### **Concerns**

If anyone in the group has any concerns or data to share, Melanie encourages them to send it to her and Kirk. The group was reminded to be patient, all information sent it will be reviewed and included.

### **Resources Requested**

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### **Recommendations for GWAC**

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### **Deliverables/Products Status**

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### **Proposed Next Steps**

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- Next Meeting: October 8, 2015 10:00am-12:00pm at the Yakima County Courthouse