

Residential, Commercial, Industrial, Municipal Working Group

Charge from Groundwater Management Area Advisory Committee

None at this time

Working Group Members

Robert Farrell – Chair (Port of Sunnyside), Dr. Kefy Desta (WSU), Elizabeth Sanchey (Yakama Nation), Gordon Kelly (Yakima Health District), Jan Whitefoot (Concerned Citizens of Yakama Reservation), John Van Wingerden (Port of Sunnyside), Stuart Turner (Turner & Co), Tom Ring (Yakama Nation), Kathleen Rogers (Citizen), Sanjay Barik (Ecology), Donald Gatchalian (Yakima County)

Meetings/Calls Dates

Where: KDNA Granger Conference Room – 121 Sunnyside Avenue, Granger, Washington

When: 10:00 PM – 11:23 PM Thursday, January 23, 2014

Call: (509) 574-2353 - PIN# 2353

Participants

Robert Farrell (Chair), Gordon Kelly, Steve George, *Sanjay Barik, * Traci Jefferis, *Don Gatchalian (Yakima County support staff) and Troy Ross-Havens (Yakima County support staff)

* Participated by telephone

Key Discussion Points

Agenda:

1. 2014 Task List

During the last GWAC meeting, Penny suggested that the working groups compose a task list with milestones and schedule to keep them on track. The group began by stating that groundwater wells are currently being mapped, however septic systems, permitted outfalls,

and Underground Injection Controls (UIC's) are not being mapped under the LYV GWMA. The group, backed by Ecology believes it will be very important to map these as well as collect data to be included in the Nutrient Loading Study. It is believed that if RCIM, or "other sources" are not identified in the plan, a possibility exists that the plan will be somewhat biased towards irrigated agriculture or livestock/CAFO/AFO. In addition to developing the database for the aforementioned nitrate sources, the group also desired to include education and public outreach in the task list.

ACTION: Don G. to draft 2014 task list for RCIM approval.

2. Discuss mapping of septic systems, wastewater treatment systems, industrial wastewater treatment systems, etc. in the lower valley

As mentioned above, the group noted the importance of mapping "other sources" in the LYV GWMA during the working group meeting. One member present at the meeting, also employed by the Yakima Health District stated that the District has an extensive electronic file of septic systems within Yakima County. District staff should be able to call up documents within the LYV GWMA boundary related to septic systems. This will allow for a quantity of septic systems within the GWMA boundary. It was noted that the Districts system reaches back to the mid 1970's, and no further. With this data, it would be possible to multiply the quantity of septic systems by a loss factor, which would allow for a nitrate loading quantity due to septic systems. In addition, one member present from the Department of Ecology retouched on his efforts pertaining to the USGS SPARROW model. This model should have inputs that the GWAC can expand on and update/incorporate as necessary.

ACTION: Gordon K. to provide septic system data by March 20.
Sanjay B. to procure USGS SPARROW dataset.

Permitted dischargers such as municipal wastewater treatment plants and industrial wastewater treatment plants are permitted through either the National Pollutant Discharge Elimination System or through State Waste Discharge permits, issued by the Department of Ecology. Monitoring data can be collected through the Department of Health's Sentry Internet. The Department of Ecology can filter inputs by entities required to monitor for nitrate within the LYV GWMA boundary. UIC's could also be searched for in the same way, however data associated with each facility is not expected to be as expansive.

ACTION: Sanjay Barik/Traci Jefferis to procure Ecology NPDES point source data by end of First Quarter.

3. Other topics

Biosolids were once again brought up during the working group meeting, and it was identified that biosolids are a land applied material for the purposes of fertilizing cropland; therefore, the material would fall under the Irrigated Agriculture Working Group's purview.

Resources Requested

None at this time

Recommendations for GWAC

None at this time

Deliverables/Products Status

None at this time

Proposed Next Steps

Carry out tasks outlined in Agenda items 1 and 2.