

## Subcommittee on Ground Water

Draft Minutes

USGS Headquarters, Reston, VA

Monday, October 17, 2016

Noon Eastern, 11 Central, 10 Mountain and 9 am Pacific

Attachment 1 – Draft Agenda for Monday October 17, 2016

Attachment 2 – Draft SOGW Minutes –September 19, 2016

Time	Topic	Discussion Leader
Noon	<p>Welcome and Attendance</p> <ul style="list-style-type: none"> <li>• <b>Bill Cunningham, federal co-chair, USGS representative*</b></li> <li>• Bob Schreiber, non-federal co-chair, ASCE representative*</li> <li>• <b>Lauren Schapker, executive secretary, NGWA</b></li> <li>• Brandon Kernan, ASDWA representative, Darrel Osterhoudt, alternate*</li> <li>• <b>Cary Betz, State Representative*</b></li> <li>• Chris Carlson, Forest Service*</li> <li>• <b>Dave Langseth, NGWA representative*</b></li> <li>• <b>Jill Dean, EPA representative*</b></li> <li>• <b>Mary Musick, GWPC representative*</b></li> <li>• <b>Dave Wunsch, AASG representative*</b></li> <li>• Jeffrey Davis, Cardno ENTRIX</li> <li>• Janice Hiller, In-Situ</li> <li>• <i>Pat Lambert, federal liaison to WSWC</i></li> <li>• Jessica Lucido, USGS</li> <li>• <b>Greg Oberley, EPA Region 8</b></li> <li>• <b>Tim Parker, Parker Groundwater</b></li> <li>• <b>Tom Patton, Montana Bureau of Mines &amp; Geology</b></li> <li>• <b>Daryll Pope, USGS</b></li> <li>• Ken Belitz, USGS</li> <li>• Mike Wireman, Granite Ridge Groundwater</li> <li>• <b>Dave Larson, Retired</b></li> <li>• Joe Fillingham, Wellntel</li> <li>• <b>Marian Singer, Wellntel</b></li> <li>• <b>Kathleen Fultz, Water Quality Association</b></li> <li>• Chuck Job, NGWA</li> <li>• <b>Treasure Bailey, EPA</b></li> <li>• <b>Mike Muse, EPA</b></li> </ul> <p style="text-align: center;"><i>Those names in bold indicate attendees on the call.</i></p>	Bill
12:05	<p>Call Purpose</p> <ol style="list-style-type: none"> <li>1. Status Report: Cooperative Agreements</li> <li>2. Status Report: NGWMN Portal</li> <li>3. Update: Future ACWI and SOGW Meetings</li> <li>4. Update: Workgroup on Expansion of SOGW Terms of Reference</li> </ol>	Bill

\* Voting organization representative/alternate per Terms of Reference

5. Outreach Report		
Business Portion		
12:07 P	<p>Approval of agenda – additions/deletions (Attachment #1)</p> <p>The agenda was approved without revision.</p> <p>Greg Oberley announced that he will be retiring and that Treasure Bailey will be filling in for Greg beginning in November.</p> <p>Treasure provided a brief introduction of the work she does at EPA, including providing technical support to groundwater resources in the region. She also does support for the oil and gas and drinking water programs.</p> <p><b>Expected Outcome: Approve agenda</b></p>	Bill
12:09 P	<p>Approval of previous minutes (Attachment #2)</p> <p>The minutes were approved as drafted.</p> <p><b>Expected Outcome: Approve minutes</b></p>	Bill
SOGW Work Items		
12:12 P	<p>Status Report: Cooperative Agreements</p> <ul style="list-style-type: none"> <li>Status on ongoing work</li> <li>New agreements awarded</li> <li>2017 Program Announcement</li> </ul> <p>Status of Ongoing Work: Daryll reported they are in the midst of winding down 2015 non-competitive agreements. He is working with the agencies to get reports together and working to get remaining sites added to the well registry before fully winding down.</p> <p>New Agreements Awarded: Daryll reported that Round 2 agreements have been announced and are now posted on the cooperative agreements page on the website. Lauren circulated the list of awardees to the SOGW. In total, 15 agencies received awards, including 4 new data providers: AZ, IN, NE &amp; WA. Round 2 also funded existing data providers for maintenance at 3 agencies: MA, MO, and WI.</p> <p>Daryll will add document to the portal that summarizes round 1 and round 2 projects that were funded with descriptions of each project.</p> <p>All 4 new data providers will be able to attend the face to face meeting in December.</p> <p>2017 Program Announcement: Daryll noted the program announcement for the third round of funding is moving quickly and will hopefully be released the week of November 17<sup>th</sup>. The announcement will be very similar to last round's program announcement with the same 5 objectives Lauren will circulate the announcement and ask that its circulated widely</p>	Daryll

	<p>to potential data providers. Closing for the third round will be around January 20<sup>th</sup>.</p> <p>Bill mentioned that some at the California Department of Water Resources indicated an interest in getting more involved in the NGWMN. Tim Parker will continue to follow-up and urge them to apply for funding, as well as to arrange a call with Daryll to answer any questions.</p> <p>Daryll also mentioned that there is a new requirement in this round for applicants to submit a data management plan. In most cases it will be data provided to USGS, so it will be good for data providers to think about ahead of time. Daryll made clear that it is a new federal requirement, but is not onerous.</p> <p>Bill reminded the SOGW members to reach out to state contacts after the announcement is released.</p> <p><b>Expected Outcome: Status Report</b></p>	
12:22 P	<p>Status Report: NGWMN Portal Status on ongoing development New data providers in the queue</p> <p>Daryll provided an update on recent changes to the portal. He noted a lot of wrap-up work has taken place since the last call. KS has web service parsers set up and are serving on portal. IL mapped web services, but is not submitting data yet as more development on parsers is needed. TX updated its parsers, as well as provided additional casing/screening information. A change was made to the MN PCA parser, which resulted in more MN sites with WQ data and updated data flowing to the portal.</p> <p>Internally, Daryll reported they have switched versions of USGS web services for WL data. They are now using the WaterML2 version of the services.</p> <p>In terms of work underway, they are working on the water level service parser for IL. OR lith/const parsers are also underway, and Jessica's team is working to improve consistency with parsers.</p> <p>Up next: Jessica's team will begin working on the lith/const parsers for IL, fixing a bug with lithology exports, and working with DE to get service mapping. MS and OK are getting services set up to begin mapping process.</p> <p><b>Expected Outcome: Status Report</b></p>	Daryll
12:30 P	<p>Update: Future ACWI and SOGW Meetings SOGW Schedule Feedback on SOGW F2F Agenda</p>	Bill/Daryll

	<p>Bill announced that timing for the ACWI annual meeting is looking like mid-late January for right now. No new information from Wendy Norton has been announced.</p> <p>The ACWI SOGW meeting will take place Dec 5-6 at the Las Vegas Convention Center.</p> <p>Daryll discussed potential agenda items for the ACWI SOGW meeting, including input he's soliciting from the data providers. Each data provider will give an update during the meeting.</p> <p>Bill solicited the SOGW for potential agenda items, and the following topics were offered by SOGW members:</p> <ul style="list-style-type: none"> <li>• In-depth information on how the portal and data analytics are being used.</li> <li>• Inclusion of some questions/comments from program board of review of the RFP—items like gap-filling and support for monitoring in the future.</li> <li>• Items in the parking lot of the agenda, like GRACE, continuous data collection, and public supply wells.</li> <li>• Continuous data, other than water level data</li> <li>• Examples of NGWMN data influencing policy or communications</li> <li>• Spring data</li> </ul> <p>Daryll reminded the SOGW about the work groups that were created during the last face to face SOGW meeting, but not sure they went anywhere. These groups could serve as break-out groups during the meeting.</p> <p>Daryll sent out meeting invitations to the face to face and discussed logistics of travel coordination with USGS. Hotel and conference registration will be discounted. NGWA will provide a group code. 59 invites sent out with 44 people able to attend. Strong responses from tech side of data providers and great data provider turnout indicate the meeting should be well-attended.</p> <p>Bill noted that others on the call can attend, but will not be funded by USGS.</p> <p><b>Expected Outcome: Information Exchange; Expressions of Interest</b></p>	
12:40 P	<p>Update: Workgroup on Expansion of SOGW Terms of Reference</p> <p>Daryll said the list of volunteers is included in the last minutes, but no progress to report yet. They will aim to have a call in the next few weeks to get some groundwork in place before the face to face SOGW meeting in December.</p> <p>Bill wants to be sure we have enough accomplished so that we can report at the ACWI annual meeting in January.</p>	Daryll

	Daryll will arrange a Doodle poll.  <b>Expected Outcome: Information Exchange</b>	
	Outreach Report	
	<p>Upcoming Outreach:</p> <p>ASDWA Annual Meeting –October 17-20, 2016 Milwaukee, WI Jessica</p> <p>Jessica is currently at the conference.</p> <p>AMS Coastal Resilience Workshop—October 18-19 Washington, D.C. Bill</p> <p>Bill will give a presentation to this group on the NGWMN. AMS is relatively new in their interest on groundwater. Bill’s presentation will be part of a two-day meeting focused on a range of coastal resilience challenges.</p> <p>AGI Critical Issues Forum: Lessons from the High Plains Aquifer--- October 27, 28 Golden, CO</p> <p>Dave Wunsch will be moderating one of the sessions, as well as others involved with USGS et.</p> <p>NGWA Groundwater Week-December 6-8, 2016 Las Vegas, NV Lauren</p> <p>Lauren briefs the group on programming, including co-locating with the Irrigation Association and the keynote speaker</p> <p>Dave W. also mentioned the GSA meeting that was recently held, where he briefed AASG reps there on NGWMN status and plugged the upcoming program announcement.</p> <p>Mary mentioned the National Infrastructure Simulation and Analysis Center at La Sandia National Labs that’s doing a major study on Ogallala aquifer.</p> <p>Dave W. mentioned Idaho, Alabama and Florida could be possibilities for the latest program announcement. He suggested CO and WY also seemed interested last time, so hopefully they’ll be able to do this round.</p> <p>The SOGW discussed ND and SD and their prospects for submitting proposals Dave asks if South Dakota has been involved? Daryll was surprised they didn’t submit something last time because they have been discussed. Tom suggests North Dakota could be an option too.</p> <p>Dave asks about the recent National Academy of Engineering meeting that Bill attended. Bill said the NGWMN didn’t come up during discussion of groundwater depletion, but overall the meeting was interesting.</p>	Various

	Adjourn	
1:00 P	Next Meeting—November 21st	Bill

	Parking Lot (Items for Future calls)	
	Checking in with SOGW Subgroups <ul style="list-style-type: none"> <li>• Water Quality Portal Display</li> </ul>	Mary or Daryll
	“GRACE” satellite and groundwater monitoring	Bill, Bob
	Water Use	TBA
	Water Quality Analysis	TBA
	Best Suggested Practices for Data Management	TBA
	Innovative monitoring techniques	TBA
	PWS wells vs monitoring wells -- revisited	Gary

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