

Subcommittee on Ground Water

Monday, December 18, 2017
Conference Call

Attachment 1 – Draft Agenda for Monday, December 18, 2017

Attachment 2 – Draft SOGW Minutes –November 20, 2017

Attachment 3 –New Directions Survey Results

Time	Topic	Discussion Leader
Noon	<p>Welcome and Attendance</p> <ul style="list-style-type: none"> • Bill Cunningham, federal co-chair, USGS representative* • Bob Schreiber, non-federal co-chair, ASCE representative* • Lauren Schapker, executive secretary, NGWA • Brandon Kernen, ASDWA representative, Darrel Osterhoudt, alternate* • Cary Betz, State Representative* • Chris Carlson, Forest Service* • Dave Langseth, NGWA representative* • Kara Goodwin, EPA representative* • Mary Musick, GWPC representative* • Dave Wunsch, AASG representative* • Jeffrey Davis, LBG Guyton • Janice Hiller, In-Situ • John Yellich, Michigan Geological Survey • Jessica Lucido, USGS • Treasure Bailey, EPA Region 8 • Tim Parker, Parker Groundwater • Tom Patton, Montana Bureau of Mines & Geology • Daryll Pope, USGS • Mike Wireman, Granite Ridge Groundwater • Dave Larson, Retired • Joe Fillingham, Wellntel • Marian Singer, Wellntel • Kathleen Fultz, Water Quality Association • Chuck Job, NGWA • Rick Copeland, FL DEP • Doug Yeskis, USGS • Johanna Kovarik, Forest Service • Candice Hopkins, USGS • Lori Huntoon, ASTM • Tom Nicholson, NRC • Joe Gurrieri, USFS • Mark Everett, LANL • Adrienne Bartlewitz, USGS • Lily Lee, WY DEQ • John LaFave, Bureau of Mines and Geology • Paul Summers, BLM 	Bob

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	<ul style="list-style-type: none"> • Mindi Dalton, USGS <p>*The names in bold represent attendees on the call.</p>	
12:05	<p>Call Purpose</p> <ol style="list-style-type: none"> 1. Status Report: Cooperative Agreements/Program Announcement/Program Board Meeting 2. Status Report: NGWMN Portal 3. Future Meetings: ACWI Annual/SOGW F2F 4. New Directions TOR 5. Outreach Report 	Bob
	Business Portion	
12:07 P	<p>Approval of agenda – additions/deletions (Attachment #1) Opportunity to add to the agenda</p> <p>The agenda was approved without revision.</p> <p>Expected Outcome: Approve agenda</p>	Bob
12:09 P	<p>Approval of previous minutes (Attachment #2)</p> <p>Minutes from the previous meeting were approved without revision. Bob also noted that notes from the December Groundwater Week meeting should be documented, and Daryll confirmed he is preparing them.</p> <p>Expected Outcome: Approve minutes</p>	Bob
	SOGW Work Items	
12:10 P	<p>Status Report: Cooperative Agreements/Program Announcement/Program Board Meeting</p> <p>Daryll reported on the most recent program announcement, noting 26 proposals were submitted—the highest number submitted to date. Proposals were received from several potential new data providers, and proposals for water level and water quality projects, seeking funding for gap filling, well drilling and well maintenance, among other activities. Proposals were also received from existing data providers.</p> <p>For the first time, more money was requested, than available, so the Program Board will begin reviewing proposals in advance of their meeting in January in Austin. The majority of proposals will likely receive funding.</p> <p>The Program Board will have two new members at this meeting: John LaFave and Janae Wallace. The Program Board hopes to have recommendations for proposals to be funded in February or March, but will need to wait until Congress passes a longer term funding bill. Current funding expires on January 19th.</p> <p>Expected Outcome: Information Exchange</p>	Daryll
12:15 P	<p>Status Report: NGWMN Portal</p> <ul style="list-style-type: none"> • Status of ongoing work • Upcoming work 	Jessica/Candice

	<p>Jessica reported that work on minimum viable product for new mediator component was released to production. No issues have been reported so far, but she suggests people let Candice or Jessica know of any bugs. Her team will gradually be migrating parsers from all data providers over to the new mediator component.</p> <p>Her team also worked on improving error messaging for the well registry bulk load feature.</p> <p>Washington Department of Ecology's lithology and construction services were incorporated into the portal and are now available in production.</p> <p>Candice has been working on mapping lithology and construction services with MN PCA, as well as working to incorporate NHGS water level service into the portal, as well as doing an update to NCDWR's service parser to incorporate more of the recently added metadata fields.</p> <p>Expected Outcome: Information Exchange</p>	
12:20P	<p>Future Meetings:</p> <ul style="list-style-type: none"> • ACWI Annual Meeting – Jan 17-18, Reston, VA (SOGW Jan 17) • SOGW Face to Face Meeting <p>Presenters for the ACWI annual meeting will meet on January 8th to prepare a draft presentation. Please let Bob, Bill and Lauren know if you're planning on attending the meeting in person. Though an official meeting announcement has not yet been made, USGS expects it will be approved shortly.</p> <p>The SOGW will have an additional meeting just prior to the ACWI Annual Meeting, so the SOGW can review the presentation and make any comments/suggestions prior to the meeting.</p> <p>Expected Outcome: Status Report</p>	Bill/Bob
12:25P	<p>New Directions TOR</p> <ul style="list-style-type: none"> • Citizen Science Groundwater Levels • GW Quantity/Usage • GW/SW Interaction <p>Lauren provided a brief overview of the survey results. Bob asked the group to identify any concerns or issues with the way the survey results came out. Mary expressed concerns that water quality was not listed as its own item, which Dave Langseth noted brought up potential confusion over what various topics meant. For example, public supply wells would be a water quality topic for some. Mary suggested each topic should be fleshed out so that the SOGW is in agreement about what the topic means.</p> <p>The group discussed the GW quantity/usage topic first. Dave Langseth suggested figuring out how much water is being pumped is quite a challenge and any improvement on this would be very beneficial. Bill highlighted that some of the work USGS is doing, including the WADE effort and suggested a WADE briefing on a future call to see where the</p>	Bob/Bill

	<p>SOGW fits into that effort. Mindi said she would be happy to provide a briefing within the water use program.</p> <p>Mary suggested a focus on aquifer declines, rather than pumpage, and Daryll noted that usage and aquifer are linked.</p> <p>Tim highlighted the issue of uncertainty and risks around decision-making with data given challenges with metering.</p> <p>Dave Larson asked whether we should contact current data providers about how they report groundwater use in their respective states and referenced the “mystery” behind reporting and differences in his experience in IL and ND. Bill said that can be incorporated into a future briefing.</p> <p>GW/SW interaction will be discussed on for next call. Tim noted that gw/sw interaction is one of the most undermonitored areas, so we should look into it more. Paul Summers seconded the prominence of the issue. Dave Langseth said he has struggled with conceptualizing where the opening or action item is. Mary said that as the two parts get more disconnected, need to make sure sufficient base flows are apparent and there are more regional issues than previously seen.</p> <p>Expected Outcome: Information Exchange; Discussion</p>	
12:45 P	Outreach Report	
	<p>Previous Meetings:</p> <ul style="list-style-type: none"> • New Data Providers Meeting: Daryll reported the meeting went well with 5 new agencies present. They also heard great presentations with existing providers (MT and UT networks) Jessica said there were some good recommendations on the portal for data providers and suggested possibly opening up the meeting to a listening session from users of the portal. John LaFave echoed that data providers all appreciated the opportunity to meet face to face and came away with an appreciation of all the work that’s been done. Bill noted the data providers were interested in having presentations shared, so they will be on the SOGW website. • NGWA Groundwater Summit/GW Week presentations (wk of Dec 3): Bob provided highlights within the gw monitoring track, where Bob, Daryll, some data providers all presented. WellIntel also presented on monitoring techniques. John noted that it was good to give the network some exposure. Joe echoed the promotional effort and to see how it can help others. On Wednesday morning, Summit attendees got to meet with data providers. Daryll will gather notes from the meetings. <p>Upcoming Outreach:</p> <ul style="list-style-type: none"> • GWPC UIC Feb 11-15, Tulsa, OK—Mary reported there will be focused sessions across all classes of injection, as regulators try to understand issues they may need to address. There will also be special sessions on produced water and ASR in different states and a general session on emergency response <p>Other events? Bob suggested that anyone interested in the NGWA Groundwater Fly-In should hang on after the call for a discussion</p>	Various
	Adjourn	

Attachment 1

1:00 P	Next Meeting—Tuesday, January 16, 2018	Bob
	SOGW Past Business/Parking Lot	

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