NOTES

North and South Yuba Subbasins - Groundwater Sustainability Committee (GSC)
Wednesday, December 14, 2022, 9 - 11 AM
Web Conference/Call:
https://us06web.zoom.us/j/85951824800?pwd=U3dQOFi6NEJBNUdFSkVCUk5PTlpGdz09

AGENDA ITEMS: JoAnna Lessard, Charles Johnck, Kaitlyn Chow, Jim Blanke, Natalie Cochran, Ryan McNally, Becky Hunt, Charley Mathews, Kelly McNally, Matti Siltanen, Kay Siller, Sara Sodaro-Baggett, Chris Heppner, Ed Wydra, Laurie Loaiza, Mike Filice, Steve Danna (16 participants)

1. Agenda Overview: Introduction to Agenda
2. SGMA Announcements:
   a. DWR still has small community drought funding opportunity open for counties in emergency drought conditions; Additional $100M is available and applications should be submitted ASAP—no applications after Dec 9, 2023;
   b. Urban Community Drought relief program solicitation opened Oct 10th 2022 with an application deadline of Jan 31, 2023 at 5:00 PM; Also Dept of Conservation released Round 2 Land repurposing guidelines for public comment and will host a public work shop soon, current round has $40M for groundwater sustainability and wildlife habitat projects;
   c. Delta Conveyance draft EIR comment period was extended to Dec 16th 2022
   d. Questions? None
3. Public Announcements:
   a. None
4. Water Conditions Update
   a. Groundwater Conditions Update: Reminder YWA and DWR monitor groundwater in the Yuba Subbasins daily and produce monthly statistics; early Dec precipitation is not reflected in these numbers yet; Quick overview of hydrograph data layout; trajectory over time shows the introductions of surface water deliveries as well as seasonal variation
   b. North Yuba
      i. D10
      ii. YCWA-04 Blue 11/15/22 +4’ from October, -1’ from last year
      iii. YCWA-03 Red 11/15/22 +2’ from October, -1’ from last year
      iv. 16N03E01P002M Purple 11/15/22 +2’ from October, -2’ from last year
      v. YCWA-05 Blue 11/15/22 +4’ from October, +2’ from last year
      vi. YCWA-06 Green 11/15/22 +1’ from October, -4’ from last year
      vii. YCWA-16 Purple 11/16/22 +3’ from October, -6’ from last year
   c. South Yuba
      i. PMW-21 Blue 11/21/22 0’ from October, -2’ from last year
ii. PMW-05 Red 11/14/22 +1’ from October, -1’ from last year
iii. Zone 8 Blue 11/4/22 0’ from October, +2’ from last year
iv. Northern Zone 9 Red 11/14/22 +3’ from October, -1’ from last year
v. Zone 9/11 Green 11/14/22 -2’ from October, -5’ from last year
vi. PMW-30A Blue 11/13/22 +3’ from October, -1’ from last year
vii. PMW-30B Red 11/13/22 +2’ from October, -2’ from last year
viii. PMW-30C Green 11/13/22 +2’ from October, -2’ from last year
ix. Questions? How much of an impact to lower levels do you think are due to the pumping/transfers this year?
   1. Answer: GW levels are lower due to dryer winter conditions last year which leads to early irrigation season and less recharge as well as GW/SW substitution transfers; Kaitlyn’s hydrographs do show lowering of GW during irrigation and substitution transfer periods which recover in the following winter
d. Hydrologic Conditions Update
   i. Updated from midnight Monday
   ii. Colgate Precipitation shows 11.3 inches which is 113% of normal (great start to the water year)
   iii. Snow Water inches shows 18 inches 353% at Robinson so nearly half way to what we usually see by April 1
   iv. NBB inflow 45,632 AF runoff which is 49% of average (less runoff due to cold storms mostly dropping snow rather than rain)
   v. NBB storage is at 576, 219 AF 106% of average and climbing, good winter position
   vi. Drought update shows the state is still in drought as is Yuba County so we are still in water conservation mode throughout operations
   vii. Forecast is for equal chances of a below or above average year for our region
   viii. Questions?
5. Groundwater Substitution Transfer Program Update
   a. Yuba Accord
      i. Completed in Oct and had no third-party impacts; good coordination across Accord members; 62,400 AF were transferred this year
   b. Plumas Mutual Water:
      i. Small transfer this year started in late June of 2,000 AF completed our transfer on 8/30/2022 and it went well; 50% reduction of Surface Water diversion this year which led to more pumping but no third party impacts; went smoothly
6. Proposition 68 Sustainable Groundwater Management Grant Implementation Update
   a. Yuba Subbasins projects are nearly done
b. Agroclimate station is ordered and ready to be installed

c. Results and conclusions of other completed tasks are being wrapped up for DWR reporting and Grant close-out

d. Next steps will be recommendations to this group for water quality monitoring network from information developed during this grant (due to DWR abandoning WQ monitoring in our subbasins); WQ sampling via the grant helped us figure out how many wells we need for ongoing robust WQ monitoring network

e. Outflow monitoring helps us understand irrigation flows into streams and rivers, which was not completed in this grant and will be rolled into future grants

f. Will incorporate information on shallow groundwater, regional GW levels and quality, aquifer parameters and GDEs into our modeling for basin understanding and management

g. Questions? None

7. SGM Implementation, Round 2, Grant Application Submittal

a. Round 2 SGM application is nearly ready to submit tomorrow (we were not eligible for Round 1)

b. Over $200M available with $20M cap per application and our application will be for ~$9M for several projects across both Yuba subbasins
   i. Monitoring well in Marysville, and two sites near Beal AFB
   ii. Cordua/Hallwood infrastructure improvement work
   iii. Complete stream gaging and depletions field work not completed in the last grant
   iv. Video of older well to document construction of historical wells so we know which portion of the aquifer they measure
   v. Direct recharge study—we have a healthy GW basin but there is a need to understand what management actions we could take in the future if we need to help bolster a declining aquifer in the future
   vi. Additional GW model refinements—this is our primary tool for GW management and we need to regularly refine this model for better management; looking to create a daily model and will also include the AEM data and link to CalSIM (to relate to state reservoir system)
   vii. 5-year GSP evaluation and annual reports: ongoing requirement as a GSA
   viii. Questions? None

8. Potential Projects for Future Grant Funding

a. We have a long list of possible projects and needs linked to a range of state and federal grant opportunities, so get in touch if you are aware of additional project ideas to get help in identifying potential funding opportunities; we have the IRWM program set up to help develop broad funding strategies for any project and this is a prerequisite to get the project in our GSP as well as to leverage this additional support; also required for YWA grant funding

b. Contact JoAnna Lessard at jlessard@yubawater.org for more information

9. Next Meeting: March 15, 2023 9:00-11:00 AM
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<tr>
<th>Date</th>
<th>Location (all 9:00-11:00 AM)</th>
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<tbody>
<tr>
<td>3/15/2023</td>
<td>Marysville/Wheatland Rms or Web Meeting</td>
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<td>6/21/2023</td>
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