

AGENDA

WSAC Agreement Development Subcommittee

Friday, May 29, 2015

Attendees: Rosemary, David B, Doug, Heidi, Bill F, Erin, Rick, Bob R, Sarah, Mark, Erica, Nicholas
Apologies: Sid

Meeting Desired Outcomes:

- Agreement on follow up work from April/May
- Identification of any changes to MCDS evaluation criteria based on scenario planning work from April/May meeting
- Identification of any additional actions related to the enrichment series
- Agreement on meeting schedule for the WSAC Agreement Development Subcommittee

Discussion of whether it's time to start building an outline for report to council.

- **Rosemary said that she's still working to collect samples for us to review and consider as we build our report.**
- **Consideration of outline deferred until we have those samples**

1. Review and Comment on Draft Agenda for June WSAC meeting

- **Focus of the work is to continue to "test" and "explore" potential portfolio components, based on the Committee's convergence on ASR as a preferred approach at the last meeting.**
 - **These are not "THE" portfolio(s), but are samples that bound the remaining decision space**
 - **Tech memos on each portfolio will precede the meeting – "meaty" details on each one**
 - **Packet will include additional information about ASR in practice, by way of background**
 - **One component: Everglades report summary**
 - **Committee members will identify further uncertainties and considerations as part of the exercise**
- **SWOT analysis will be pivotal component of the meeting**
 - **By having each group look at all portfolios, in order to generate rich discussion.**
- **Mark suggested that the IRP have an opportunity to review and comment on these preliminary portfolios**
 - **David suggested that IRP be involved in SWOT analyses, too; circulating among the sub-groups**

- Rick and David suggested that we add some time before we break out into the SWOT exercise in order to (1) review the portfolios and (2) discuss any questions that come up during Committee review.
 - Mark: Perhaps this is where the IRP is brought in?
- David suggested adding some time for the Technical Team to participate in the report-out session (item 12 on the working agenda).
 - This could incorporate the Technical Team, IRP, Community, etc.
- Item 14 (Conversation) is relatively unstructured time meant to give the Committee time to work together and process the issues, identifying (among other things):
 - Open issues
 - Areas of agreement / contention
 - Criteria and scales relating to uncertainty, risk, etc.
 - And so forth
- David asked whether SqCWD (Ron) and SVWD (Piret) can participate in Friday's discussion.
 - Rosemary won't know Piret's availability until 8 June (she's out of town)
 - At a minimum, it would be useful to know how the other districts view the emerging regional design with its collaborative ASR emphasis.

2. Winter Flow Portfolios for use in June SWOT analysis

- Rosemary introduced the general structure of each portfolio.
 - Each has a Plan A / Plan B structure, with some triggers
 - Trigger list not exhaustive yet; Committee work will flesh these out further
 - Again, the idea is not (yet) to identify the perfect portfolio, but to test the bounds of the possible portfolio. These items "bound the space".
- Rosemary reviewed the portfolios
 - P 1 – This is the only one that is "Santa Cruz centric"; others are more regional in nature.
 - P 2, 3, 4 – Regional solutions that help SC and others.
 - Auxiliary water sources (reuse or desal) are meant to accelerate recharge, primarily; secondarily, provide a backup source.
 - Goal in each is to get the aquifers to sustainability, allowing for dry-year extraction
 - DeepWater Desal posited in order to minimize stranded asset (a pipeline would be left unused, not a full plant)
- Rick suggested potentially adding an additional portfolio, or (perhaps) identifying questions that apply to these
 - Can we enter into an agreement with Sq & SV to provide a conceptual "water line of credit" that would serve us in an extended drought before we get to decent recharge levels?
 - Can we negotiate some kind of considerations from DFW that allows for differential flows during dry years?

- **Group discussed status of and strategies for City’s efforts to negotiate agreement with the State regarding flows.**
 - **Discussion of portfolio collection as a whole and how well it bounds the decision space.**
 - **Do we add another one or change these a bit? For example, add “in lieu” as Plan B for Portfolio 1?**
 - **Reminder that a foundational premise is that we want to restore aquifers as quickly as possible, and be able to manage them sustainably in the future. May require increments of supplemental supply.**
 - **Discussion of whether we would have Confluence results for each portfolio against both climate change and design drought scenarios.**
 - **Agreed that we should model the design drought at least on one or two of the portfolios**
 - **Climate change, per Gary Fiske, essentially encapsulates extended drought (but does not narrowly focus on it)**
 - **At least one of them needs to be “sans recycling and/or desal”**
 - **Rick suggested that we run a Confluence model against the “Loquifer” strategy (extending the time over which we send water to other districts); added to Plan A in Portfolio 2**
 - **Bob proposed adjusting Portfolio 2 so that recycling is only part of Plan B, so that we have an opportunity to look hard at in lieu recharge as a primary strategy**
 - **DPR “nominal design” is simplest – mixed with North Coast and SLR water pre-treatment.**
 - **Discussion of whether the sub-groups should consider additional items not contemplated in the posited portfolios. Is this too much to ask as a requirement? We will have access to additional information about other alternatives, to use as we want to elaborate on our work.**
 - **Rick asked that the Technical Team contact Andy Fisher regarding the viability of passive recharge.**
3. Refresh on enrichment topics for coming weeks/months
- **17 June – recycling; 6p-8p**
 - **Bob Hultquist (CA WRCB) – state perspective and guidelines**
 - **Bruce Mackler (US EPA) – risk assessment**
 - **Brian Good (Denver Water, former president of WasteReuse Assn) – utility and national perspective**
 - **Energy / Water nexus; CCA (July sometime)**
 - **Trends in energy renewables by ISO speaker**
4. Confirming WSAC Agreement Development Subcommittee meeting schedule –
- Maintaining Friday 9 to 10:30 time slot
 - Meeting dates:

- i. May 29,
- ii. June 19,
- iii. July 10,
- iv. July 31,
- v. August 21,
- vi. September 4,
- vii. September 18

DRAFT