

Santa Clara Basin Stormwater Resource Plan Stakeholder Group Meeting #2

April 23, 2018, 1:30 pm – 3:30 pm

Room B-108

Santa Clara Valley Water District Admin Building
5750 Almaden Expressway, San Jose

MEETING SUMMARY

Participants – Attendance list attached.

1. Welcome/Introductions

Kirsten Struve (SCVWD) welcomed stakeholders to the meeting. Attendees introduced themselves.

2. SWRP Status

Jill Bicknell (SCVURPPP) updated stakeholders on the following: purpose of the SWRP, approach to identifying and prioritizing projects, and the SWRP development schedule (see slides 1-10 in the attached presentation). A memorandum describing the proposed methodology and metrics for identifying, evaluating and prioritizing Green Stormwater Infrastructure (GSI) projects was sent to stakeholders after the first stakeholder meeting. The project team used the methodology to identify and screen projects, apply benefits scoring metrics, and develop a list of prioritized projects. The project team will next conduct hydrologic modeling to quantify benefits and prepare conceptual designs for 5-10 projects, and develop the Administrative Draft SWRP.

3. Development of Methodology and Metrics for Identifying, Evaluating and Prioritizing GSI Projects

Steve Carter (Paradigm) gave a presentation on the initial project screening, and explained the criteria used to score projects. He explained that identified projects were classified as LID (parcel-based project), regional (LID >0.25 acres), and green streets. Based on SCVURPPP agency input, a weighting factor of two was added to each of the following metrics:

- Percent impervious area draining to the project
- Location near PCB interest areas
- Augments water supply (based on location near groundwater recharge area and away from groundwater contamination areas)

The prioritization process identified 2,558 LID project opportunities (including 1,983 regional project opportunities), and 52,583 green street opportunities. All of the regional and LID projects will be included in the SWRP. The top 10% of green streets for each SCVURPPP agency will be included in the SWRP. All stakeholder submitted projects will also be included in the SWRP (see slides 11-25 in the attached presentation).

Steve and Jill provided the following clarifications based on questions from attendees:

- The project criteria “located within flood prone catchment” includes projects located upstream of the flood prone areas.
- The criteria “Contains PCB Interest Areas”, does not mean that PCBs are present; it means that the drainage area to these projects may have PCBs based on historic land use. LID/GSI treatment measures are effective in removing PCBs, based on monitoring studies.
- The SWRP will not go into too much detail about Co-permittee PCB load reduction and source control efforts. However, it will explain this metric further and include a map showing old industrial areas where PCBs in soils are more likely to be detected at higher concentrations. Individual Co-permittee GSI Plans will have additional information on locating GSI projects in these areas.
- Projects in cities located in the hills did not receive additional credit for higher rainfall or steep slopes.
- The SWRP roughly categorizes projects as high (>90th percentile), medium (60th – 90th percentile), and low (<65th percentile) priority. However, it is expected that Co-permittees will overlay their own local priorities as part of developing GSI plans.
- Projects will not be identified as urgent priority by the SWRP, it will be up to individual agencies to prioritize.
- Co-permittees will have another chance to review the prioritized project list before it is submitted with the SWRP.

4. Projects Selected for Quantification of Benefits and Possible Conceptual Design

The SWRP project team worked with Co-permittee agencies to identify a set of projects for conducting hydrologic modeling to quantify project benefits (stormwater volumes captured and pollutant loads reduced). Information on approximately 6 green street and 17 LID/regional project opportunities was collected. In parallel with the modeling effort, the project team will conduct field visits to selected project sites, determine the final list of projects for conceptual design, and prepare conceptual designs. Steve provided examples of the initial drainage areas and footprints for potential project concepts, and the conceptual project designs developed as part of the San Mateo SWRP (see slides 26-36 in the attached presentation). He clarified that the conceptual project designs will include preliminary cost estimates.

Keith Lichten (Water Board) informed stakeholders that the second round of Prop 1 Stormwater Implementation Grants will be announced in late 2018, or early 2019. Water Board staff will work with local agencies to align projects with grant requirements.

Luisa Valiela (EPA) said that the San Francisco Bay Water Quality Improvement Fund grant will be announced in September 2018. It will include funding for GSI projects.