

**Urban Greening Quarterly Team Meeting - 07/14/2016**  
Water Board 10-12PM

*Note for further meetings: It seems that [www.join.me](http://www.join.me) does not work here at the Waterboard.*

***Participants:***

SFEP: Josh Bradt, Adrien Baudrimont  
SFEI: Jen Hunt, Anna Doty, Tony Hale (by phone)  
Regional Water Quality Control Board: Keith Lichten  
BASMAA: Matt Fabry  
City of San Jose: Jeff Sinclair (by phone)  
City of Oakland: Becky Tuden, Kristin Hathaway  
City of Richmond/Contra Costa County: John Steere  
ABAG: Christy Leffall (by phone)  
San Mateo: Leo Chow

***Period Covered:***

Work complete from April through June 2016.  
Work Anticipated from July through September 2016.

***SFEP Report: Josh***

This quarter:

- Website updated with new meeting notes and TAC notes from SFEI.
- Quarterly reports and invoices reviewed and submitted.
- Coordinated with partners on project components.
- Continued developing contracts with partners.

Next quarter:

- Complete all partners' contract agreements.
- Participate in BASMAA-led Design Charrette and Roundtable activities.
- Coordination among partners including organizing next quarterly meeting.
- Quarterly reporting and invoicing.

***SFEI Report: Jen***

This quarter:

- Continued coordination with Partner Cities/Jurisdictions
  - Worked closely with ABAG staff on GreenPlan-IT regional analyses output for the East Bay Corridor (Pinole to Fremont) Priority Development Areas (PDAs).
  - Completed 3rd iteration of site locator tool for Sunnyvale. They are in the review stage of the results. Three main watershed study areas so far: East Sunnyvale Channel, West Sunnyvale Channel, and Calabazas Creek. Began modeling.

- Started collecting data for work with Oakland. Modeling for PCB.
- Held Kickoff meeting with Richmond/CCC; began the data collection.
- GreenPlan-IT Updates
  - As a result of the TAC meeting in February: put forward a list of improvements.
  - New features include: the visualization of data underlying location polygons: you can click on a polygon to display a table with explanations for the polygon's rank (from -1 and 1).
  - Explored ArcGIS versus Google Earth as an output viewer. Google Earth seems more practical, the default layers are maybe more useful for users, and the interface more friendly.
  - Code cleanup.
- Tracker Tool Update: Tony
  - Began conversation with Richmond on GI implementation data available for upload to Tracker Tool. Collecting data on GI facilities in Richmond footprint will help inform what it will look like.
  - Have developed Tracker specs (field descriptions), mockups (drawings), and a prototype. SFEI consulted the Water Board annual report, to be consistent with the data being recorded. This is for existing GI already implemented. Also added field to log maintenance and inspection activities.
  - Prototype includes table data entry forms and a map-based data entry interface (for the drawing of the individual facility areas and drainage management areas).
  - *Kristin mentioned that Alameda County is working on a tracker tool as well. County's clean water program is developing it as a way for Cities to comply with MRP programs. Let's take a look at it and coordinate? Make sure fields are consistent.*
- Partner GreenPlan-IT Timeline:
  - Sunnyvale: 2016
  - Oakland: 2016
  - East Bay Corridors: 2016
  - San Jose: 2017. Still in conversation with them.
  - Richmond/CCC: 2016

Next quarter:

- Produce final locations map for Sunnyvale and ABAG.
- Complete model and optimization for East Sunnyvale Channel.
- Produce initial locations map output and start modeling for Oakland. All 3 GreenPlan-IT modules will be used at Eddy Street (high PCB area).
- Continue data collection efforts for Richmond/CCC.
- Continue Tracker Tool development
  - Upload newly provided information on 65 GI facilities
  - Waiting on geospatial information about these facilities (3 weeks out)
  - Integrate geospatial information from data entry forms with an interactive map
  - Develop data layers and calculations to aid in generating the effectiveness reporting for load and flow reduction.

- *Becky: Will the parameters be on the front end of the tracker tool? Tony: the parameters will in many cases be spatially driven. The goal is to gage effectiveness of all GI infrastructures in the defined footprint. The Tool (using SWMM modeling) will be looking at different types of GI, calculations will be different according to their type, location, pollutant source nearby, etc.*
- *Becky: we talked at our last meeting about adding trash as a pollutant load reduction. Still a grey area at the water board, no trash TMDL yet. Load reduction criterion would be very different for trash vs PCBs. Tony: maybe not for the first iteration of the Tracker, but some types of GI infrastructures can be categorized as trash capture devices. Becky: beta test in Oakland if needed!*

#### SFEI Action Items

- Show the tracker tool mockup, including the data feels and input form draft at the next quarterly team meeting
- SFEI to consider adding trash as a pollutant in some capacity to the toolkit
- SFEI to share the regional analysis from the urban corridors work with ABAG to the city of Oakland
- SFEI to look into the Contra Costa County and Alameda County tracker tools

#### **Water Board Report: Keith**

- 1 Prop 1 applications status:
  - Planning grants received applications for \$15.5M. \$19M was available. \$9.5M was awarded: CCC, Santa Clara, Sonoma County water agency.
  - Implementation grant status: \$105M available in the first round. State board received 84 applications, including 6 from the Bay Area. The review is in process. Award by October.
  - Final round of implementation grant: \$86M, early 2018. No more planning money.
- Extra money from the planning grant will be moved to extra implementation money.
- We were supposed to meet regarding small municipalities under C.3 to talk about Green Infrastructures. The meeting was cancelled but it will be rescheduled shortly.

#### **BASMAA Report: Matt**

##### This quarter:

- Corresponded with SFEP on project scope schedule revisions. Executed the agreement at the end of May. April: Held joint meeting with SFEP, EPA, San Mateo, and Sunnyvale to get start on Design Charrette.
- Released the RFP for consultant assistance.
- Contractor selection: Horizon was selected for the Roundtable and the Charette.
- Signed the contracts with SFEP and Horizon.
- June 21: held the kickoff meeting with Horizon and Lotus Water (sub, lead for Charrette).
- Roundtable update:

- Held kickoff meeting for Task Team (EPA, BASMAA, Water Board, SFEP, Horizon/Geosyntec, Oakland).
  - Draft Goals, Statement of Purpose, Desired Outcomes
  - Draft Schedule
  - Draft Briefing Sheet
  - Draft Roundtable Strategy Outline
  - Draft Informational Interview Approach
- Next meeting: August 8.
- Design Charrette update:
  - Draft site selection criteria developed
  - Horizon working with Sunnyvale and San Mateo on design Charrette intersection locations.
  - Developed initial thoughts on charrette participants.

Next quarter:

- Roundtable:
  - Contact potential partners for Roundtable locations.
  - Receive Task Team comments on draft materials.
  - Receive Expert input.
  - Informational interviews should be done. 10 scheduled with the available budget. *Maybe other interviews on a voluntary basis, BASMAA interviews, or an online survey?*
  - Finalize the strategy.
- Charrette:
  - Contact potential partners for Charrette locations.
  - San Mateo/Sunnyvale Site Identification.
  - Information compilation from Cities.
  - Develop Charrette format. SPUR could be a good location for the Charrette.

### ***San Jose Report: Jeff***

This quarter:

- 65% Design Plans and Specs were completed in April, but revisiting it right now. Bit of a change in budget. Might affect the scope and the timeline. County requested some changes to the traffic flow, including fire engine clearance, creating a small delay in the schedule.
- Bids from other projects coming in in high, City exploring cost saving measures to design

Next quarter:

- The 100% Design Plans Specs should be done in August rather than July, as planned. It might look a bit different than the 75%.
- The bid package is due in September but will be pushed out to November.
- The project will be completed next summer (August 2017).
- Bring Chynoweth video to show at our next meeting?

### ***Sunnyvale Report: (by email)***

This quarter:

- Review the GreenPlan-IT Locator tool output to determine modeling strategy and parameters.
- Participated in Design Charrette planning meeting in April
  - Started to identify possible intersection locations. Took in account design and construction costs and balance these to identify intersection locations.

Next quarter:

- Meeting(s) with SFEI on GreenPlan-IT outputs
- Contracting with SFEP
- Collaboration on Design Charrette
  - Further review and identification of candidate intersections.
  - Will continue to participate in Charrette planning.
  -

### ***Oakland Review: Becky and Kristin***

- This quarter: Began data transfer to SFEI for GreenPlan-IT analyses.
- Next quarter: Complete data transfer.

### ***Richmond/CCC Report: John***

This quarter:

- Coordination meeting on 5/18 at City of Richmond with representatives of the City and County GIS and SW Programs:
  - Reviewed goals, timeline, existing GIS layers.
  - How GreenPlan-IT can be used for Green Infrastructure modeling.
  - Conversation on how to use this info to provide an Atlas of where Green Infrastructure has already been installed.
- Also shared the County GIS layers with SFEI.
- Study area boundaries have been identified: Richmond and North Richmond.
- Timeline: no funding for it yet.

### ***East Bay Corridors Report: Christy***

This quarter:

- SFEI Site Locator Tool analysis was completed. Two runs of results: refined data inputs and ranking criteria.

- Lot of data around the corridor geography. Looking at the PDAs and how they overlap city boundaries.
- Tony: one of the challenges with the East Bay Corridors is the various scales of data SFEI is dealing with. The scale and type of data changes from one municipality from another, and sometimes there is no data. This diversity influences the analysis.
- The results are more “higher scale”, it will be interesting to compare with more localized data analysis.

Next Quarter:

- Further analyses: analyze results with additional overlays, i.e. funding, permitted projects/capital improvement plans.
- Funding: develop institutional partnerships, i.e. Air District, etc.
- Develop several scenarios for multi-jurisdictional project capacities.
- Meeting in September with key corridor city planners. Two different meetings, North and South Corridor. Public Works folks will be involved too.
- *Matt: what about presenting the first round of results to BASMAA? Would it be helpful to share the Grand Blvd Initiative to the EB Corridor city planners?*

### ***San Mateo Report: Leo***

This quarter:

- Initiated the intersection locations selection.
- Design Charrette Activities

Next quarter:

- Enter into agreement. Construction costs are increasing, might go from 3 to 1 intersection retrofit. Maybe 2?
- Finalize the intersection locations selection.
  - 9th Ave and Claremont St.
  - 9th Ave and Eldorado St.
- Site investigation:
  - How much utility conflict there might be in these intersections?
  - How far the consultant will go with the design through the Charrette? How much additional work for the city to complete the designs?

### ***Group Discussion***

- John: CCC Clean water program tracker. Learn more about this project.
- Kristin: Can coordinate data and info about Alameda County Tracker Tool.
- Becky: Design idea: 2 ADA ramps is the usual standard, but it takes a lot of space. What about a larger one direction ramp to let more space for GI features?

### ***Spider Chart Discussion***

New document from Matt and feedback from the group will be shared through Basecamp for further team updates.

### ***Next Steps***

- Next Meeting in 3 months at ABAG (San Francisco), Thursday, October 13th, 10 to noon.