



## AGENDA

### SPECIAL MEETING

Thursday, May 26, 2016, 4:00 p.m.

**NVTA Conference Room**  
**625 Burnell Street, Napa CA 94559**

#### Board of Directors

Susan Boswell  
Tosha Comendant  
Diane Dillon  
Marita Dorenbecher  
Jeri Gill  
David Graves  
Gary Kraus  
Jason Lauritsen  
Kenneth Leary  
Gretchen Stranzl  
McCann  
Marc Pandone  
Alfredo Pedroza  
Jeff Reichel  
Scott Sedgley  
Pamela Smithers  
Rita Steiner  
Peter White

#### Alternates

Keith Caldwell  
Paul Dohring  
Richard Hall  
Irais Lopez-Ortega  
Mary Luros  
Belia Ramos

#### Staff

Patrick Lowe,  
Secretary  
Natural Resources  
Conservation Mgr.,  
Public Works

Jeff Sharp,  
Principal Planner,  
Public Works

Robert C. Martin,  
Legal Counsel  
Deputy Counsel,  
County Counsel's  
Office

804 First Street,  
Napa, CA  
94559-2623

Tel: 707-259-8600

[info@napawatersheds.org](mailto:info@napawatersheds.org)

1. **CALL TO ORDER AND ROLL CALL** (Chair)
2. **APPROVAL OF ACTION MINUTES** from April 21, 2016 (Chair) (2 min)
3. **PUBLIC COMMENT** – In this time period, anyone may comment to the Board regarding any subject over which the Board has jurisdiction, or request consideration to place an item on a future Agenda. No comments will be allowed involving any subject matter that is scheduled for discussion as part of this Agenda. Individuals will be limited to a **three-minute presentation**. No action will be taken by the Board as a result of any item presented at this time. (Chair)
4. **REPORT:** May 2016 Watershed Awareness Month promotion and events (Staff) (2-5 mins)
5. **PRESENTATION AND DISCUSSION:** The Napa Youth Stewardship Council (NYSC) – a year of student service for the community and the environment, provided by NYSC students, introduced by Shari Gardner, Friends of the Napa River (15-20 mins)
6. **REPORTS, PRESENTATIONS AND DISCUSSION:** Trash Talk – An overview and discussion of trash pollution in our local waterways and community efforts to clean it up
  - a) Report on 2016 Earthday Cleanup, community participation and trash collection statistics (Jemma Williams, Napa County Resource Conservation Dist.) (5 mins)
  - b) Report on Napa County Flood Control District's trash management and collection coordination efforts (Rick Thomasser, Flood District) (10 mins)
  - c) Presentation on Napa CanDo Waterways Keepers' community trash clean-ups (Margret Smetana, Napa Valley CanDo) (10 mins)
  - d) Presentation on Statewide Trash Regulations and Countywide Stormwater Program Coordination (Jamison Crosby, Stormwater Prog. Manager) (10 mins)

(cont.)

7. **PRESENTATION AND DISCUSSION:** The Green PlanIt Tool Kit – An overview of the Green PlanIt tool, which assists municipalities and developers locate opportunities for stormwater capture, management and infiltration (Lester McKee & Jing Wu, San Francisco Estuary Institute) (20-30 mins)
  
8. **REPORTS AND UPDATES:**
  - a) Update on Sustainable Groundwater Management Act implementation and DWR Groundwater Sustainability Plan Emergency Regulations (Staff) (5-10 mins)
  
  - b) Report on WICC participation in North Bay Watershed Association Conference and Downtown Napa Earth Day Celebration (Staff/Council) (2-5 mins)
  
  - c) Update on launch of WICC website mobile friendly functionality (Staff) (2 mins)
  
  - d) Other reports and updates (Staff/Council) (5-10 min)
  
9. **INFORMATIONAL ANNOUNCEMENTS:**  
Exchange of informational announcements and events (Staff/Council/Public) (5-10 min)
  
10. **FUTURE AGENDA ITEMS:**  
Discussion of possible items for future agendas (Staff/Council) (5 min)
  
11. **NEXT MEETING:**  
Regularly scheduled meeting: **July 28, 2016 – 4:00 p.m.** (Chair)
  
12. **ADJOURNMENT** (Chair)

**Note:** If requested, the agenda and documents in the agenda packet shall be made available in appropriate alternative formats to persons with a disability. Please contact Jeff Sharp at 707-259-5936, 804 First St., Napa CA 94559-2623.





**-- ACTION MINUTES --**

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**SPECIAL MEETING**

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**1. CALL TO ORDER & ROLL CALL (Chair)**

*Members Present: Susan Boswell, Tosha Comendant, Diane Dillon, Marita Dorenbecher, Jeri Gill, David Graves, Gary Kraus, Kenneth Leary, Gretchen Stranzl McCann, Pamela Smithers, Peter White*

*Members excused: Jason Lauritsen, Marc Pandone, Jeff Reichel, Scott Sedgley, Rita Steiner*

*Members absent: Alfredo Pedroza*

*Staff present: Patrick Lowe, Jeff Sharp*

**2. APPROVAL OF ACTION MINUTES**

Meeting of January 28, 2016 (Chair) (2 min)

*Approved as presented*

**3. PUBLIC COMMENT**

In this time period, anyone may comment to the Board regarding any subject over which the Board has jurisdiction, or request consideration to place an item on a future Agenda. No comments will be allowed involving any subject matter that is scheduled for discussion as part of this Agenda. Individuals will be limited to a **three-minute presentation**. No action will be taken by the Board as a result of any item presented at this time. (Chair)

*Gary Margadant, Mt. Veeder Rd., Vision 2050 - Mr. Margadant presented a City of Napa letter dated April 4, 2016 from Joy Eldredge, City of Napa Water General Manager to David Morrison and Brian Bordona in the County Planning, Building and Environmental Services Department. The letter included City of Napa comments on the Walt Ranch vineyard development project. Mr. Margadant requested that the Council read the letter. Staff will send an electronic copy of the letter to the Council.*

**4. PRESENTATION AND DISCUSSION**

Napa County Groundwater Monitoring Program 2015 Annual Report, and Sustainable Groundwater Management Act (SGMA) Implementation Update (Patrick Lowe, Staff, Vicki Kretsinger, LSCE) (45 min)

*Vicki Kretsinger provided the Council with a presentation and overview of Napa County's 2015 Annual Groundwater Monitoring Report and a review of the Sustainable Groundwater Management Act (SGMA). Ms. Kretsinger reported on the condition of groundwater levels and quality in various areas of the County. Overall, on a basin-wide scale groundwater levels are good. An area northeast of the City of Napa is being considered for additional study due to recent data showing declining levels in that area. Patrick Lowe reported that the northeast Napa study*

*is being budgeted and will take place next fiscal year. He added that new wells are still being added to the monitoring program, particularly in the northern portion of the Napa Valley. Mr. Lowe also reported on State Dept. of Water Resources process and draft guidelines for implementing the SGMA. Mr. Lowe noted that the County is in the process of developing a Basin Analysis Report (Alternative Plan) to comply with the Act. However, the State regulations are not final and the County is closely monitoring the process. Mr. Lowe also mentioned the development of a groundwater self-monitoring program that will be offered by the County. Sign-ups for the program are being taken.*

*Jeri Gill asked about the State's changing regulations and the timelines for submitting a Basin Analysis Report (Alternative Plan – due January 1, 2017), appointing a Groundwater Sustainability Agency (GSA – due June 30 2017) and development of a Groundwater Sustainability Plan (GSP – due 2022).*

*Susan Boswell mentioned that the WICC website has a lot of information about groundwater (reports and maps) and asked staff to show that content to the Council (Staff demonstrated access the information under item 5c below)*

*David Graves asked about the pumping values used in the current report and believes prior studies have overstated the pumping for frost protection. Ms. Kretsinger noted that work is currently underway to update pumping values for frost protection and irrigation due to changes in farming practices and application technology over the years.*

*Pam Smithers asked about the watershed water budget presented and how the numbers are derived. Ms. Smithers asked if Ms. Kretsinger could come back and present the budget calculations in more detail. Ms. Kretsinger noted that a new water budget is being developed with more current data, and that later in the year would be a good time to come back and present that work.*

*The Council discussed some ideas on how to assess sustainability into the future using predicted development, climate change models and our understanding of local hydrology and geologic resources.*

*Diane Dillon asked if we are expecting more specific regulations from the State on how to prepare an adequate water budget to determine future sustainability. Staff noted that more details and certainty from the State is expected in the coming months.*

*Gary Margadant, Mt. Veeder Rd., Vision 2050 – Mr. Margadant suggested that averages are not good numbers to use to create a water balance. He also noted that reservoirs on the eastern side of the Napa Valley limit recharge because these dams divert water from the Napa River. Mr. Margadant commented that 60% of the wells in the County's monitoring program are new wells. Mr. Margadant also mentioned that a letter from the Dept. of Public Works to the Dept. of Water Resources sent on April 1, 2016 commenting on the SGMA process should have been provided in advance to the public.*

*Gordon Evans, Atlas Peak Rd. – Mr. Evans is encouraged that the County is launching a groundwater self-monitoring program. Mr. Evans questioned the purpose of residents monitoring their well if the County is not going to use the data. Patrick Lowe responded, noting many residents are interested in knowing the water level in their well, but not interested in providing their well level data to the County. In addition, the County does not have the resources to monitor a large number of wells that are outside of the State Dept. of Water Resources' Napa Valley sub-basin. Mr. Lowe also mentioned that the voluntary self-monitoring program fills a need for those interested in knowing their water level, but may not wish to report the data.*

*Chris Malan, 2945 Atlas Peak Rd. – Ms. Malan noted that it is important to monitor and understand our groundwater recharge areas, including the recharge from the hillsides. She also supported the idea to take a closer look at the water budget so that the public can understand how it is calculated. Ms. Malan believes a transparent meeting regarding the development of an Alternative Plan versus a Groundwater Sustainability Plan (GSP) is needed. She recommended that the County develop a GSP and include a robust public process per the draft SGMA regulations.*

## 5. UPDATES, REPORTS AND DISCUSSION

- a) Update on WICC supported watershed education and outreach efforts and fisheries monitoring (Johnathan Kohler, Napa County RCD) (15 min)  
*Frances Knapczyk (for Jonathan Kohler) provided the Council with an update on WICC sponsored educational activities and gave a summary of spring outmigration fisheries monitoring and catch composition. Out migrating steelhead and Chinook salmon smolts have been recorded this spring. The fish monitoring site will be open to the public on May 14<sup>th</sup>. The Wild Napa lecture series has been very successful. Over 100 people turned out to see the recent presentation on owls. The lecture series is the second Wednesday of the month at the Napa County Library. RCD staff along with the City of Calistoga and ESA has completed plans to remove a fish barrier located in Pioneer Park in Calistoga. Next steps will be seeking funding to implement the project. Coordination support for the Environmental Education Coalition on Napa County (EECNC) has helped to focus efforts on preparations for the Napa Earth Day Celebration, happening on April 23<sup>rd</sup> at the Oxbow Commons.*
- b) Report on Redwood Middle School creation of water management infographics (Tosha Comendant, Conservation Biology Inst.) (5 min)  
*Tosha Comendant reported on her work with the school's teacher to support project-based learning and the development of water related info-graphics. Some examples of the graphics created were included in the Council's agenda packet. Topics integrated both environmental science and social science as key aspects of water.*
- c) Update on the implementation of WICC website strategies and improvements to achieve Strategic Plan goals (Staff) (10 min)  
*Jeff Sharp reported on progress to make the WICC website "responsive" to mobile friendly devices and demonstrated the functionality to the Council. Mr. Sharp also demonstrated how to find groundwater information on the WICC website, including how to access reports and use the interactive mapping.*
- d) Report on WICC sponsorship and participation in Napa Earth Day Celebration on April 23<sup>rd</sup> at Oxbow Commons in Downtown Napa (2 min)  
*Jeff Sharp reported that the WICC will participate in the Napa Earth Day Celebration, April 23<sup>rd</sup>.*
- e) Update on WICC participation in North Bay Watershed Association Conference, April 22<sup>nd</sup>, Embassy Suites in Napa (Staff) (2 min)  
*Jeff Sharp reported that the WICC and the County's Natural Resources Division will be participating in the North Bay Watershed Association Conference on April 22<sup>nd</sup>.*
- f) Other reports and updates (Board/Staff) (5-10 min)  
*David Graves announced the showing of the "Eyes on the Sky" movie April 22<sup>nd</sup> 7pm, at Copia  
Jeff Sharp announced preparations for May 2016 Watershed Awareness Month and the Board of Supervisors proclamation on May 10<sup>th</sup>.  
David Graves announced a ribbon cutting for MST Recycled Water Pipeline, May 2<sup>nd</sup> 10am, at the Napa Sanitation Plant*

## 6. REVIEW, DISCUSSION AND RANKING

Review and ranking of the best student-created Water Conservation videos, "Every Drop Counts," for use as public service announcements throughout Napa County. Winning videos will be announced at the Napa Earth Day Celebration (Pat Costello, Water Resources Analyst, City of Napa) (15 min)  
*Pat Costello introduced the item and provided an overview of the video project and contest. The WICC will serve as the final judges for the top three videos. The winner of the contest will be announced at the Napa Earth Day Celebration on April 23<sup>rd</sup>. The Council was provided scoring cards and viewed five*

*videos. The Council was asked to rank the videos from 1-5. The score cards with the rankings from each Council Member were collected by Mr. Costello.*

7. INFORMATIONAL ANNOUNCEMENTS

Exchange of informational announcements and events (Staff/Board/Public) (5-10 min)  
*None Provided*

8. FUTURE AGENDA ITEMS

Discussion of possible items for future agendas (Board/Staff) (5 min)  
*None Provided*

9. NEXT MEETING (Chair)

Regularly Scheduled Board Meeting: **May 26, 2016 – 4:00 p.m.**  
*Next meeting date announced by staff.*

10. ADJOURNMENT (Chair)

*Motion and approval to adjourn.*

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**Voting Key**

If not unanimous, votes will be tallied (N = No; A = Abstained, E = Excused) using the following Board Member abbreviations: SB = Susan Boswell; TC = Tosha Comendant, DD = Diane Dillon; MD = Marita Dorenbecher, JG = Jeri Gill, GK = Gary Kraus; JL = Jason Lauritsen; KL = Kenneth Leary; GSMC = Gretchen Stranzl McCann; MP = Marc Pandone; AP = Alfredo Pedroza; JR = Jeff Reichel; SS = Scott Sedgley; PS = Pamela Smithers; RS = Rita Steiner; PW = Peter White; Alternates: KC = Keith Caldwell, PD = Paul Dohring, RH = Richard Hall, ILO = Irais Lopez-Ortega, ML = Mary Luros, BR = Belia Ramos.

Example Key:

SB	TC	DD	MD	JG	GK	JL	KL	GSMC	MP	AP	JR	SS	PS	RS	PW	KC
E			A			N				A						



# Napa Youth Stewardship Council



The Napa Youth Stewardship Council (NYSC) is an after-school club that meets at least once a month (sometimes more) to plan and implement community service projects for a healthier environment.

- 9th – 12th grade students from any high school in Napa County may apply
- Council members receive education and training in leadership skills, teamwork, event coordination, and project planning
- Students will complete a Community Action Project and other service projects that fulfill volunteer hours
- Students must attend all scheduled meetings, regardless of other activities

Contact: Eric, 707-252-4189 x111 or [eric@naparcd.org](mailto:eric@naparcd.org)

Coordinated by: RCD and [Friends of the Napa River](#)

# Statewide Water Quality Control Plans for Trash

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[http://www.waterboards.ca.gov/water\\_issues/programs/trash\\_control/documentation.shtml](http://www.waterboards.ca.gov/water_issues/programs/trash_control/documentation.shtml)

## "the Trash Amendments"

Trash discarded on land frequently makes its way into streams, creeks, rivers, and eventually the ocean, as rain storms wash it into gutters and storm drains. Types of trash generated by human activity that frequently pollute waterways include cigarette butts, paper, fast food containers, plastic grocery bags, cans and bottles, used diapers, construction site debris, industrial preproduction plastic pellets, old tires, appliances, and more. Trash is a significant pollutant of California's waters that adversely affects beneficial uses, including but not limited to uses that support aquatic life, wildlife, and public health.

Reducing trash in waterways is a problem that can be solved with the collected effort of the public, agencies, organizations, and permittees.

Just as there are many kinds of trash, there are many methods to prevent it from fouling our waterways such as street sweeping, education programs on littering, and the installation of trash-catching devices on storm drains.

On April 7, 2015, the State Water Board adopted an Amendment to the Water Quality Control Plan for Ocean Waters of California (Ocean Plan) to Control Trash and Part 1 Trash Provision of the Water Quality Control Plan for Inland Surface Waters, Enclosed Bays, and Estuaries (ISWEBE Plan). Together, they are collectively referred to as 'the Trash Amendments'. The project objective for the Trash Amendments is to provide statewide consistency for the Water Boards' regulatory approach to protect aquatic life and public health beneficial uses, and reduce environmental issues associated with trash in state waters, while focusing limited resources on high trash generating areas.

The Trash Amendments do the following:

- (1) establish a narrative water quality objective for trash,
- (2) corresponding applicability,
- (3) establish a prohibition on the discharge of trash,
- (4) provide implementation requirements for permitted storm water and other discharges,
- (5) set a time schedule for compliance, and
- (6) provide a framework for monitoring and reporting requirements.

# GreenPlanIT A Watershed-scale Planning and Reporting Toolbox For Municipalities

Locate and determine cost effective Green Infrastructure implementation scenarios at the watershed scale, model future conditions with Reasonable Assurance, and track and report implementation and water quality improvements.

Authors: Lester McKee, Jennifer Hunt, Pete Kauhanen, Jing Wu and Tony Hale

SAN FRANCISCO ESTUARY INSTITUTE & THE AQUATIC SCIENCE CENTER | 4911 Central Ave, Richmond, CA 94804, p: 510-746-7334 f: 510-746-7300



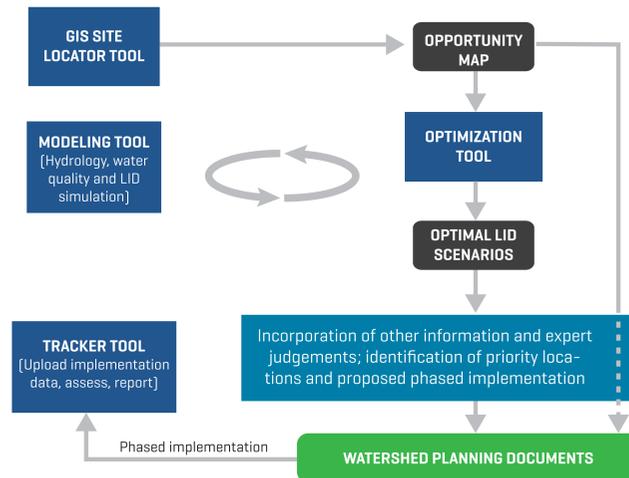
<http://greenplanit.sfei.org>

TOOLKIT USER MANUAL TOOLKIT REQUIREMENTS DEMONSTRATION REPORT

FUNDED BY: STATE WATER RESOURCES CONTROL BOARD AND US ENVIRONMENTAL PROTECTION AGENCY

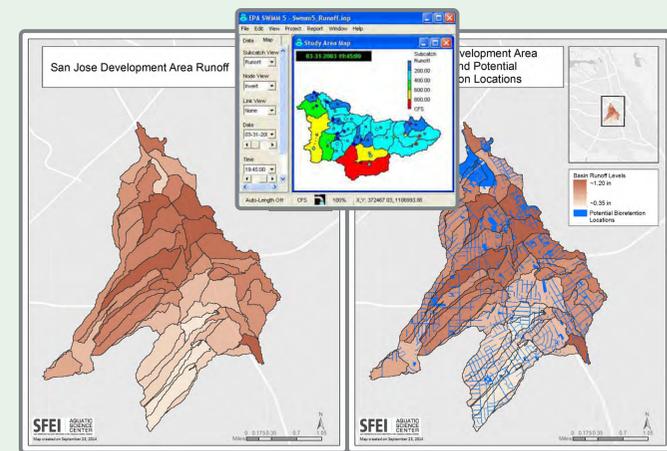
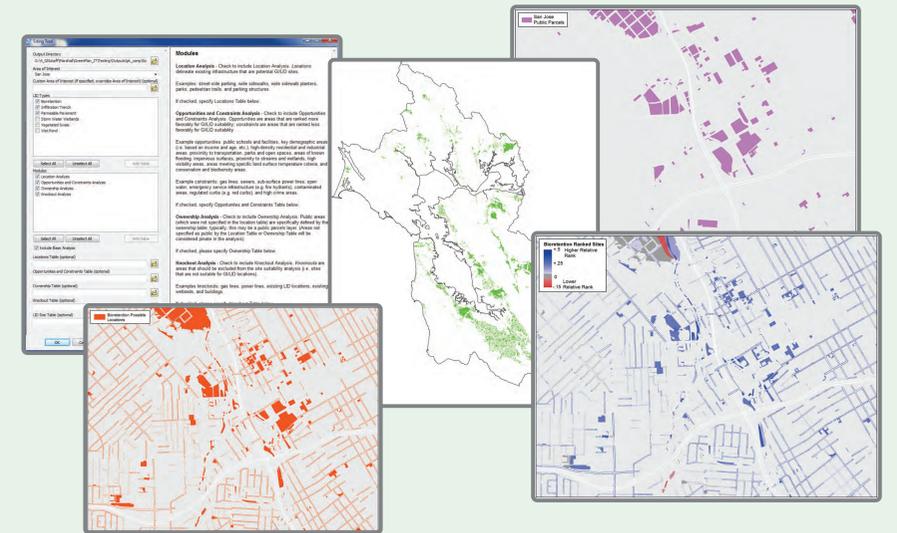
## KEY FEATURES

- GIS site locator tool to assess feasible opportunities for Green Infrastructure (GI) at the watershed scale
- Modeling tool to simulate baseline runoff and pollution, GI performance under design storm conditions at optimal locations, and for continuous simulation to support reasonable assurance analysis
- Optimization tool to identify cost-effective scenarios for flow and load reductions
- Tracker tool to record, display and aggregate information, generate standardized reports, and track progress in relation to TMDL goals



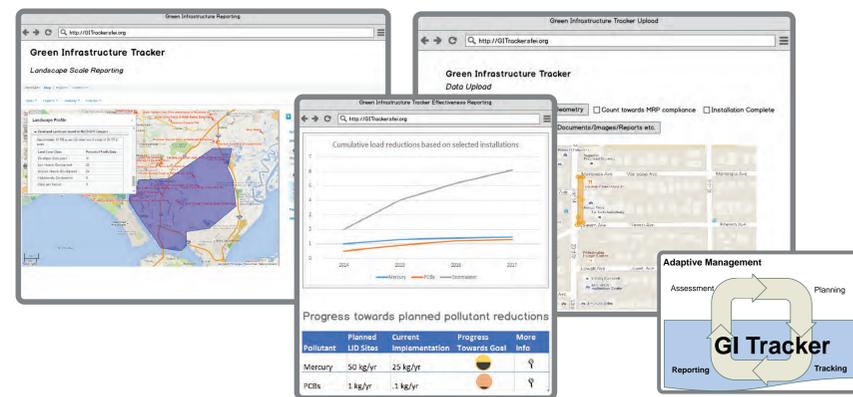
## LOCATOR TOOL

- Ranks potential Green Infrastructure locations, public and private
- Weighting and buffering customizable to ensure local information and preferences are reflected in outputs
- Produces standalone maps to support all kinds of urban planning needs including general plans, sustainable streets plans, active transportation plans, storm sewer master plans, urban forestry plans, urban water management plans, and stream management master plans
- Provides essential input data for the Optimization Tool



## MODELING TOOL

- Establishes baseline condition
- Identifies critical source areas
- Quantifies flow and water quality reduction in relation to various Green Infrastructure scenarios
- To support reasonable assurance analysis, simulates surface water flows, ground water recharge, and load reductions associated with future decadal implementation milestones (e.g. 2020, 2030, or 2040)
- Provides support for tracking load reductions in relation to plans and goals

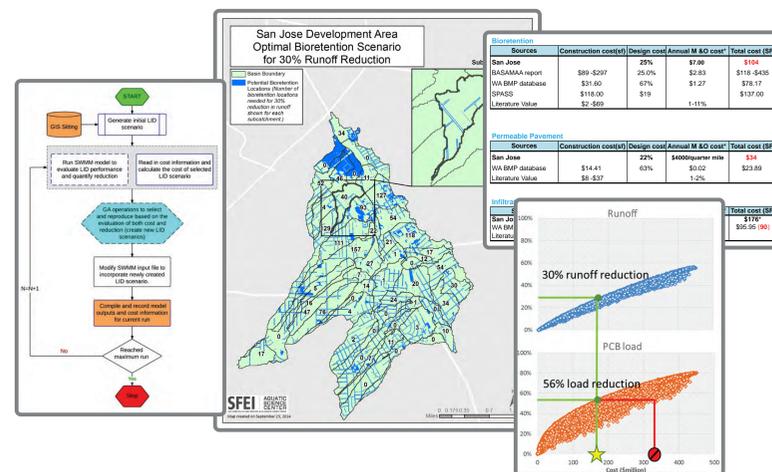


## TRACKER TOOL

- Record and display information about GI implementation for individual sites
- Aggregate information across multiple sites within a city or any area of interest
- Generate standardized reports to track progress and demonstrate regulatory compliance
- Illustrate the broader lifecycle of GI planning, implementation and outcomes to municipal managers and the public using simple score cards on key information

## OPTIMIZATION TOOL

- Provides a systematic approach to identify most cost-effective GI combinations for achieving groundwater infiltration, flow, and/ or load reduction goals
- Relate cost to various levels of flow or load reductions
- Customizable to allow the exploration of LID types individually or as a group



## TOOL OUTPUTS

## MUNICIPAL PLANS

- Toolkit outputs are incorporated with other local information and expert judgments:
  - Infrastructure maintenance histories
  - Water quality and flooding concerns
  - Private partnerships and funding opportunities
  - Field reconnaissance by city engineers and planners
- Final products are maps or tables of locations, types and numbers ready for inclusion into various planning documents and a web-based tracker system to support regular standardized reports of progress towards plan implementation

