

# Green Infrastructure Planning Update

**Green Infrastructure Plans are to be submitted to the  
Regional Water Quality Control Board by September 30, 2019**

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Contra Costa Planning Directors Meeting  
January 11, 2019



# Topics

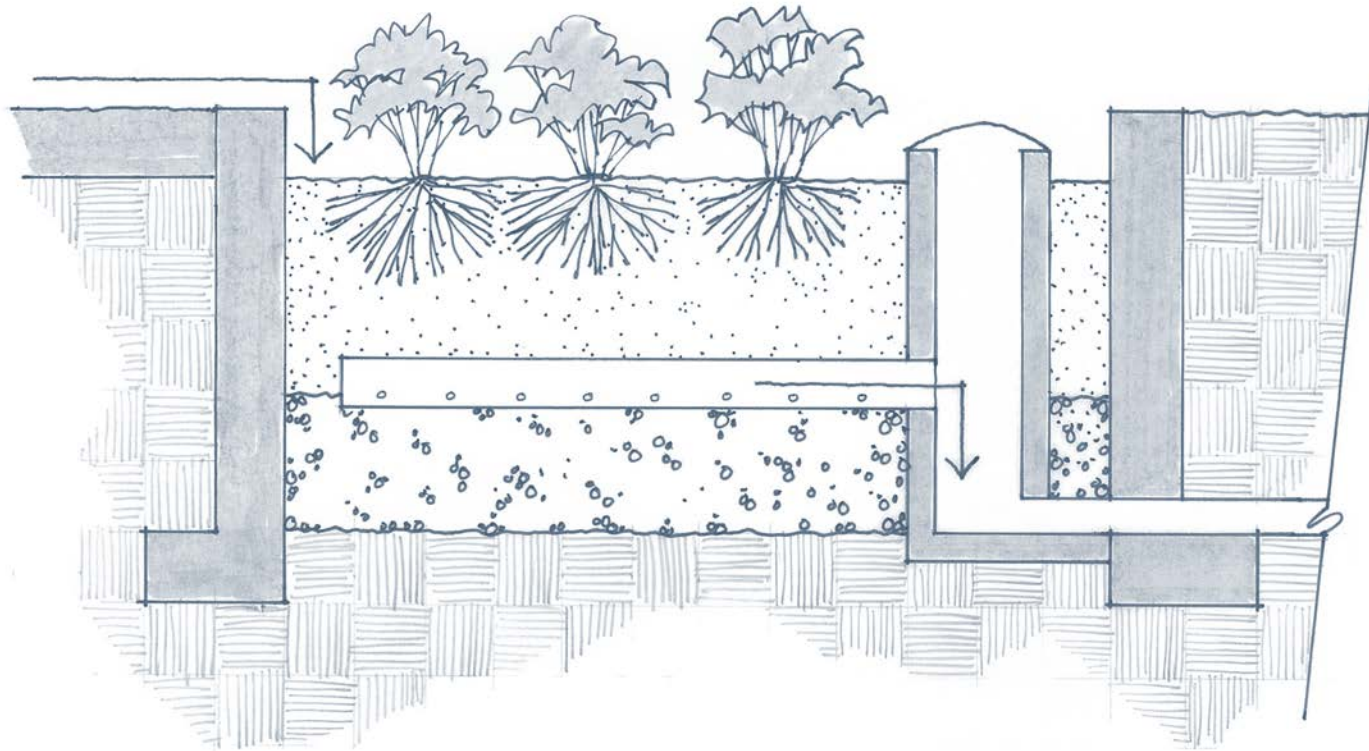
- What is Green Infrastructure?
- Mandate for Green Infrastructure Plans
- Green Infrastructure Project Lists
- Tasks for Planning Departments
  - Updates to municipal planning documents
  - Adoption of planning policies

# What is Green Infrastructure?

- Retrofit existing street drainage with Low Impact Development drainage design
- Also encompasses LID for development and redevelopment



# Bioretention



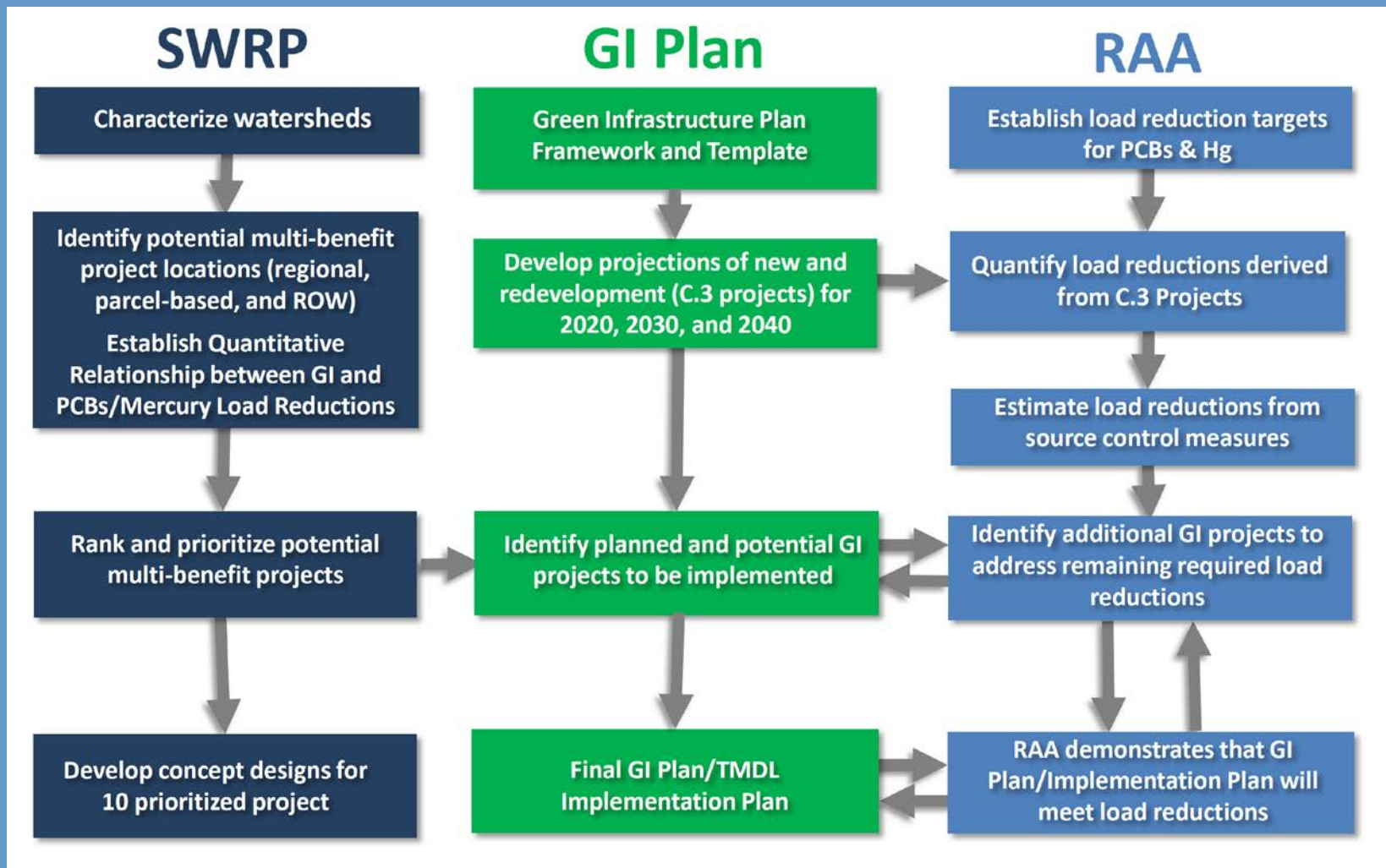
# Green Infrastructure Plans

- A Plan for each municipal Permittee
- Frameworks/Work Plans were adopted by June 2017
- Plans are due September 30, 2019

# GI Plan Elements

- Projections/Targets for impervious surface converted to GI:
  - Development/Redevelopment
  - Public Infrastructure (retrofits)
- Associated reductions in PCBs & Mercury
- Target dates: 2020, 2030, and 2040
- Project lists and maps
- Tracking of completed projects

# Related Countywide Planning

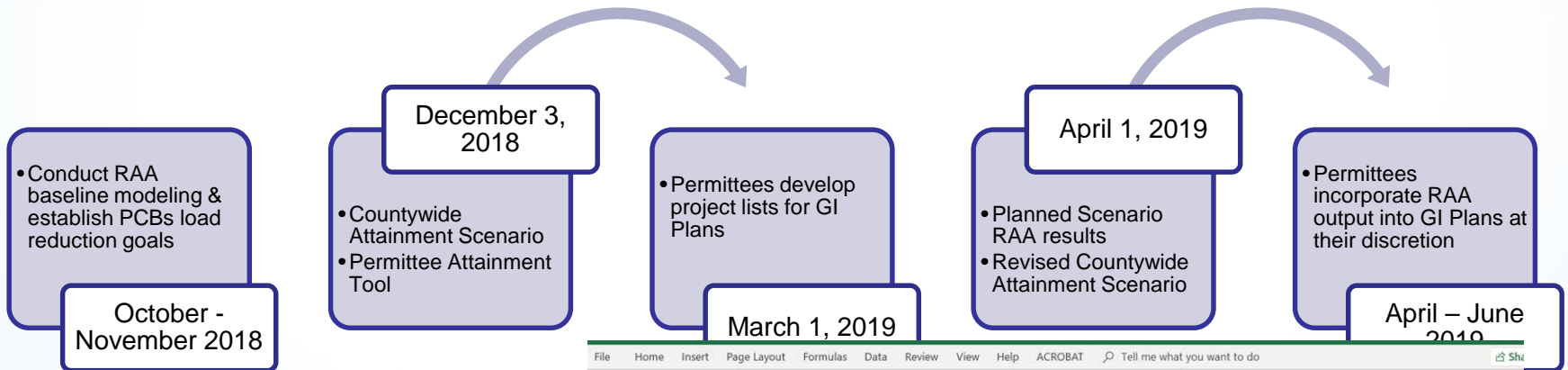


# More GI Plan Elements

- Updates to Related Planning Documents
- Policies and Ordinances
- Design Guidelines – Streetscapes
  
- Standard Specifications and Details
- Guidance for Sizing GI Facilities
- Funding Strategies
- Outreach and Education



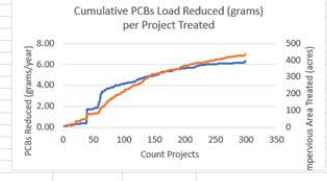
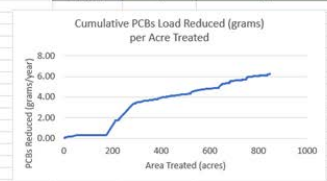
# Project List Workflow and Schedule



File Home Insert Page Layout Formulas Data Review View Help ACROBAT Tell me what you want to do

searchjuris El Cerrito

Select Jurisdiction:		El Cerrito		Notes:	Number	SWRP ID	Project Type	Jurisdiction	Planning Unit	Project Rank	At
Goal (grams)	6	Retrofit Acres to Meet Goal:	848	Notes: - This tab is intended to provide an overview of the *lined, Public, and ROW sites identified in the Contra Costa County SWRP for the selected Jurisdiction. - Cells to the right are a view of the SWRP Database tab. Do not attempt to sort or filter the view of the database on this tab. - To sort the table into a different order, simply sort the SWRP Database on the desired field (suggested sorting fields are in bright blue on the SWRP Database tab). - To refine the list of projects shown to the right it will be necessary to copy the cells as 'values' and paste them in a new tab, or new Excel workbook. - Dark Green cells are part of the Countywide Attainment Scenario for year 2040.	1	ROW_14649	ROW Opportunity	El Cerrito	West	1	1
GI 2040	6				2	ROW_10275	ROW Opportunity	El Cerrito	West	1	1
					3	ROW_20541	ROW Opportunity	El Cerrito	West	1	1
					4	Parcel_135455	Parcel-Based Opportunity	El Cerrito	West	1	1
					5	ROW_9947	ROW Opportunity	El Cerrito	West	1	1
					6	ROW_15559	ROW Opportunity	El Cerrito	West	1	1
					7	Parcel_135936	Parcel-Based Opportunity	El Cerrito	West	1	1
					8	Parcel_134601	Parcel-Based Opportunity	El Cerrito	West	1	1
					9	ROW_9953	ROW Opportunity	El Cerrito	West	1	1
					10	Parcel_135877	Regional Opportunity	El Cerrito	West	1	1
					11	ROW_10956	ROW Opportunity	El Cerrito	West	1	1
					12	ROW_10927	ROW Opportunity	El Cerrito	West	1	1
					13	ROW_6693	ROW Opportunity	El Cerrito	West	1	1
					14	ROW_10957	ROW Opportunity	El Cerrito	West	1	1
					15	Parcel_134284	Parcel-Based Opportunity	El Cerrito	West	1	1
					16	planned_119	Planned Unlined Bioretention	El Cerrito	West	1	1
					17	planned_114	Planned Unlined Bioretention	El Cerrito	West	1	1
					18	planned_115	Planned Unlined Bioretention	El Cerrito	West	1	1
					19	planned_116	Planned Unlined Bioretention	El Cerrito	West	1	1
					20	planned_118	Planned Unlined Bioretention	El Cerrito	West	1	1
					21	planned_98	Planned Unlined Bioretention	El Cerrito	West	1	1
					22	planned_117	Planned Unlined Bioretention	El Cerrito	West	1	1
					23	planned_106	Planned Unlined Bioretention	El Cerrito	West	1	2
					24	planned_103	Planned Unlined Bioretention	El Cerrito	West	1	2
					25	planned_129	Planned Unlined Bioretention	El Cerrito	West	1	2
					26	planned_96	Planned Flood Control Basin	El Cerrito	West	1	2
					27	planned_113	Planned Unlined Bioretention	El Cerrito	West	1	2
					28	planned_112	Planned Unlined Bioretention	El Cerrito	West	1	2
					29	planned_89	Planned Unlined Bioretention	El Cerrito	West	1	2
					30	planned_194	Planned Creek/Marsh Restoration	El Cerrito	West	1	2
					31	planned_108	Planned Creek/Marsh Restoration	El Cerrito	West	1	3
					32	planned_107	Planned Unlined Bioretention	El Cerrito	West	1	3
					33	planned_91	Planned Unlined Bioretention	El Cerrito	West	1	3
					34	planned_123	Planned Unlined Bioretention	El Cerrito	West	1	3
					35	planned_90	Planned Unlined Bioretention	El Cerrito	West	1	4
					36	planned_120	Planned Unlined Bioretention	El Cerrito	West	1	4
					37	planned_111	Planned Unlined Bioretention	El Cerrito	West	1	4
					38	planned_104	Planned Unlined Bioretention	El Cerrito	West	1	4



# Tasks for Planning Departments

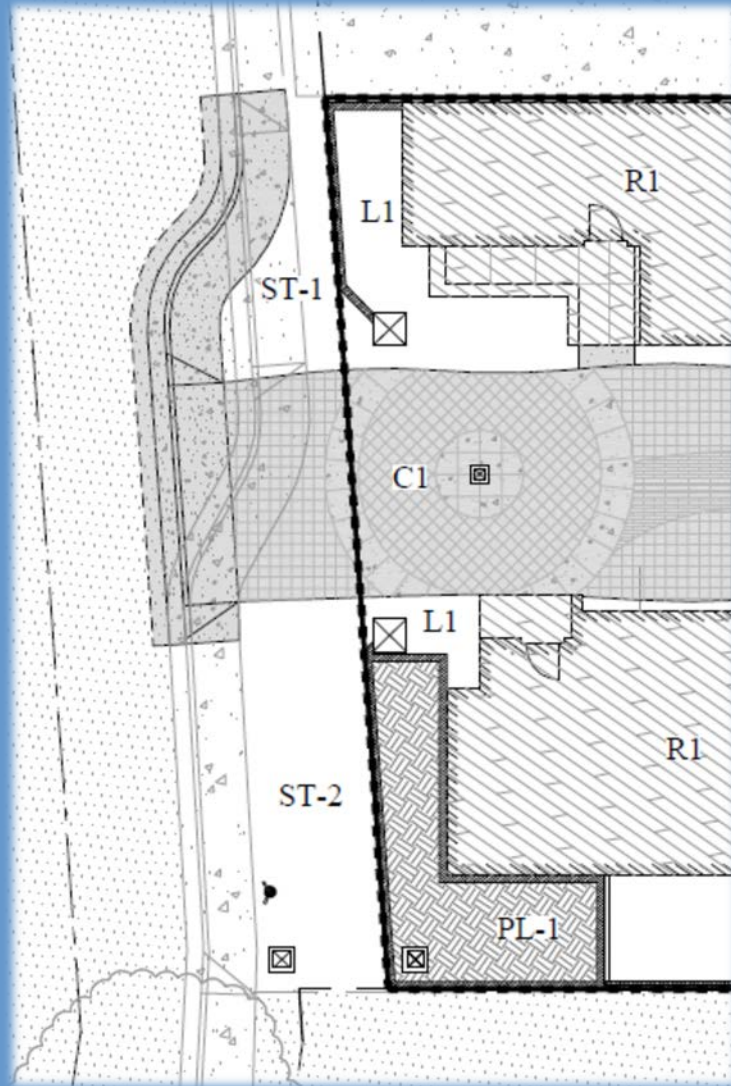
- Updates to Related Plans
  - General and Specific Plans
  - Complete Streets
  - Urban Greening
  - Master Plans
- MRP requires changes to be done by end of permit term (11/2020)

# Tasks for Planning Departments

- Policies to Support Green Infrastructure
  - Commitment to implementing GI Plan
  - Improving implementation of development requirements
  - Incorporating Green Infrastructure into right-of-way improvements associated with development projects
  - Streetscape improvements/  
Complete Streets design elements

Additional slides for reference

# Green Infrastructure in Frontage



# Compiling a GI Project List

