A green/complete street concept design was developed for two blocks of 2nd Street in Baywood. This area is used frequently by the public for passive and active recreation. Rather than evaluate a full street reconstruction that would be very costly, targeted improvements that leverage the existing landscaped areas and make use of the wide street right-of-way, were examined. The concept design integrates stormwater management, improves pedestrian safety, and is consistent with the overall aesthetic and character of the community and the immediate neighborhood. The design also includes low impact development improvements that control and reduce pollution, and provide safe crossing opportunities. Effort was taken to create a concept design that was appropriate for the particular neighborhood, which includes significant foot traffic in the area, a weekly farmer's market, street fairs, and an informal neighborhood atmosphere.

The concept design for the complete street in Baywood includes several major components:

- **Improved safety** by addressing hydraulic thresholds, implementing traffic calming devices, and reducing erosion via stream and road maintenance.
- **Increased pedestrian safety** through the integration of stormwater management, improved pedestrian pathways, and enhanced emergency vehicle passage.
- **Enhanced connectivity** by connecting existing stormwater infrastructure to stormwater management projects, including bioreactors and bioretention cells.
- **Improved water quality** by capturing and reusing stormwater runoff, reducing the amount of water being utilized (i.e., consumptive use), and improving the overall water quality.
- **Increased recreation** by promoting active and passive use of the street area, including the installation of outdoor furniture and amenities.

These improvements would be implemented in phases, with the first phase focusing on the installation of bioretention cells and the second phase concentrating on the development of the complete street concept. The project is expected to be completed in two years, with the first phase expected to be completed by the end of 2023 and the second phase by the end of 2024.
<table>
<thead>
<tr>
<th>Project Name</th>
<th>Location</th>
<th>Brief Project Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Morro Bay State Park Marsh Parking Lot - Stormwater Development Project</td>
<td>Oceano</td>
<td>Stormwater infiltration basins are being pursued as part of the Oceano CSD's Low Impact Development efforts. Consultant efforts are currently in progress to provide selected updates to the county 2024 drainage study for the community. In addition, the district is considering an old storm water recharge facility for relocation, which would include removing existing parking lot drainages and existing landscaping.</td>
</tr>
<tr>
<td>Stettinius Creek Floodplain and Urban-Restoration Project</td>
<td>Paso Robles</td>
<td>Stettinius Creek is a state designated Older Arroyo which is currently a four-lane arterial through the urbanizing area. The project will be designed and constructed by the County of San Luis Obispo and will be maintained for perpetuity. The basin will function to improve water quality, enhance biological diversity, and reduce flood frequency to the Tally Ho neighborhood. The project will positively affect the mainstem of AG Creek and the flood control channel (Zone 1 B) by reducing sediment loads and flood waters, in turn reducing associated costs of channel maintenance and flood damage.</td>
</tr>
<tr>
<td>South Halycon Green / Complete Street</td>
<td>Arroyo Grande</td>
<td>The proposed improvements for the project are designed to reduce the potential for flooding at the intersection of Highway 1 with 13th Street and Paso Robles Street intersection. A concrete sedimentation basin in the RV Storage Lot near Arroyo Grande Creek, a box culvert through the existing flood control channel (Zone 1/1A) by reducing sediment loads and flood waters, in turn reducing associated costs of channel maintenance and flood damage.</td>
</tr>
<tr>
<td>Oceano Drainage Improvement Project</td>
<td>Oceano</td>
<td>The conceptual project will redevelop Spring Street to construct and incorporate an array of bioretention features along the Spring street corridor from 24th Street to 36th Street. The project has some conceptual designs and will likely be tied to an existing road retrofit improvement project.</td>
</tr>
<tr>
<td>Morro Bay State Park Marsh Parking Lot - Stormwater Development Project</td>
<td>Paso Robles</td>
<td>Storm water infiltration basins are being pursued as part of the Oceano CSD's Low Impact Development efforts. Consultant efforts are currently in progress to provide selected updates to the county 2024 drainage study for the community. In addition, the district is considering an old storm water recharge facility for relocation, which would include removing existing parking lot drainages and existing landscaping.</td>
</tr>
<tr>
<td>San Luis Obispo River Watershed Restoration Project</td>
<td>San Luis Obispo</td>
<td>The conceptual project is designed to reduce the potential for flooding at the intersection of Highway 101 with 13th Street and Paso Robles Street intersection. A concrete sedimentation basin in the RV Storage Lot near Arroyo Grande Creek, a box culvert through the existing flood control channel (Zone 1/1A) by reducing sediment loads and flood waters, in turn reducing associated costs of channel maintenance and flood damage.</td>
</tr>
<tr>
<td>Upper Spring Street Low Impact Development Project</td>
<td>Paso Robles</td>
<td>The proposed project is to construct a stormwater infiltration basin that will receive stormwater runoff from a 10 acre watershed located to the west-southwest of Paso Robles. The basin will function to remediate the runoff velocities, improve water quality through biofiltration and detention, and actively facilitate groundwater infiltration and replenishment. During large storm event conditions, the basin will act as a flood control feature that will reduce velocity and runoff impacts before entering the urbanizing area. The project will be designed and constructed by the County of San Luis Obispo and will be maintained by the City of Paso Robles in perpetuity. The basin will be combined with a road realignment to improve safety and traffic circulation.</td>
</tr>
</tbody>
</table>
**Project Name**: Atascadero Sunken Gardens Infiltration Project

**Latitude/Longitude**: 35.371675, -120.392001

**Project Location**: El Camino Real Greenstreets

**Project Type**: Stormwater Capture

**Project Status**: Conceptual Phase

**Brief Project Summary**: This project proposes roadway edge treatment improvements and underground infiltration chambers within the city-owned Sunken Gardens. The concept would be to repair the basin to increase functionality and retrofit the outlet area to include an infiltration basin as well as features to arrest vegetation, and create a walking trail that allows better visibility and public use.

**Contact Name**: Larissa Clarke

**Agency/Organization**: Larissa Clarke

**Project Name**: Atascadero LID Drainage Retrofit

**Latitude/Longitude**: 35.380448, -120.803424

**Project Location**: Niblick LID Drainage Retrofit

**Project Type**: Stormwater Capture

**Project Status**: Conceptual Phase

**Brief Project Summary**: The proposed project would be to retrofit the existing basin and drainage outfall area that is antiquated and sustained major damage during the last 2016/2017 storms. The concept would be to convert the basin to increase functionality and retrofit the outlet area to include an infiltration basin as well as features to arrest vegetation, and create a walking trail that allows better visibility and public use.

**Contact Name**: Larissa Clarke

**Agency/Organization**: Larissa Clarke

**Project Name**: Redlands LID Drainage Retrofit

**Latitude/Longitude**: 35.400294, -120.67566

**Project Location**: El Centro Real Greenstreets Project - Downstream Corridor

**Project Type**: Stormwater Capture

**Project Status**: Conceptual Phase

**Brief Project Summary**: Capture and treat storm water runoff from a 50 acre portion of the downtown urban core of Redlands. Project BMP components include an on-street median or roadway edge vegetated sear, vegetated bioswale, and larger planter retention basins. Stormwater runoff currently discharges to Redlands Creek.

**Contact Name**: Ryan Hayes

**Agency/Organization**: Ryan Hayes

**Project Name**: San Juan Creek Water Quality - Regional CIP

**Latitude/Longitude**: 35.594516, -120.615189

**Project Location**: San Juan Valley east of Shell Ck. Rd. and west of Sanjuan Rd.

**Project Type**: Stormwater Capture

**Project Status**: Conceptual Phase

**Brief Project Summary**: A project to capture excess storm water and spread it for slow percolation into the groundwater on sandy open fields and vineyards. The area is one of the best sites in the County for groundwater recharge.

**Contact Name**: Larissa Clarke

**Agency/Organization**: Larissa Clarke

**Project Name**: San Luis Obispo Watershed - Regional CIP

**Latitude/Longitude**: 35.371475, -120.20201

**Project Location**: Lower Salinas - Mid Salinas - Lower San Juan Creek Area

**Project Type**: Stormwater Capture

**Project Status**: Conceptual Phase

**Brief Project Summary**: The proposed project is to retrofit an existing basin and drainage outfall area that is antiquated and sustained major damage during the last 2016/2017 storms. The concept would be to repair the basin to increase functionality and retrofit the outlet area to include an infiltration basin as well as features to arrest vegetation, and peak flows to the receiving water. The basin is owned and operated by the City.

**Contact Name**: Larissa Clarke

**Agency/Organization**: Larissa Clarke

**Project Name**: Atascadero Basin Retrofit

**Latitude/Longitude**: 35.371475, -120.20201

**Project Location**: Lower Salinas - Mid Salinas - Lower San Juan Creek Area

**Project Type**: Stormwater Capture

**Project Status**: Conceptual Phase

**Brief Project Summary**: The proposed project would be to retrofit the existing basin to encourage infiltration and mitigate peakflows within the watershed. The basin is located within a residential area and is owned and operated by the City.

**Contact Name**: Larissa Clarke

**Agency/Organization**: Larissa Clarke

**Project Name**: Grand Canyon Basin Retrofit

**Latitude/Longitude**: 35.371675, -120.392001

**Project Location**: El Camino Real Greenstreets

**Project Type**: Stormwater Capture

**Project Status**: Conceptual Phase

**Brief Project Summary**: The proposed project is designed to provide education, training, technical support, and capital funding to improve agricultural water management and irrigation efficiency. Capture and treat storm water runoff for a 9.0 acre portion of the downtown urban core of Atascadero. Project BMP components include on-street median or roadway edge vegetated sear, vegetated bioswale, and larger planter retention basins. Stormwater runoff currently discharges to Atascadero Creek.

**Contact Name**: Larissa Clarke

**Agency/Organization**: Larissa Clarke

**Project Name**: Atascadero Basin Retrofit

**Latitude/Longitude**: 35.371475, -120.20201

**Project Location**: Lower Salinas - Mid Salinas - Lower San Juan Creek Area

**Project Type**: Stormwater Capture

**Project Status**: Conceptual Phase

**Brief Project Summary**: The proposed project would be to retrofit an existing basin that has been neglected for decades. This basin has been observing increased flood activity in the area and has been trying to determine the best way to bring increased visibility and "charm" back to the basin. The basin is located within a residential neighborhood. A preliminary hydrologic study was done in 2016. The suggestion was to retrofit the basin to include features that allow increased infiltration, increase wetland vegetation, and create a walking trail that allows better visibility and public use.

**Contact Name**: Larissa Clarke

**Agency/Organization**: Larissa Clarke

**Project Name**: Atascadero Basin Retrofit

**Latitude/Longitude**: 35.371475, -120.20201

**Project Location**: Lower Salinas - Mid Salinas - Lower San Juan Creek Area

**Project Type**: Stormwater Capture

**Project Status**: Conceptual Phase

**Brief Project Summary**: The proposed project would be to retrofit the existing basin to encourage infiltration and mitigate peakflows within the watershed. The basin is located within a residential area and is owned and operated by the City.

**Contact Name**: Larissa Clarke

**Agency/Organization**: Larissa Clarke

**Project Name**: Atascadero Basin Retrofit

**Latitude/Longitude**: 35.371475, -120.20201

**Project Location**: Lower Salinas - Mid Salinas - Lower San Juan Creek Area

**Project Type**: Stormwater Capture

**Project Status**: Conceptual Phase

**Brief Project Summary**: The proposed project is designed to provide education, training, technical support, and capital funding to improve agricultural water management and irrigation efficiency. Capture and treat storm water runoff for a 9.0 acre portion of the downtown urban core of Atascadero. Project BMP components include on-street median or roadway edge vegetated sear, vegetated bioswale, and larger planter retention basins. Stormwater runoff currently discharges to Atascadero Creek.

**Contact Name**: Larissa Clarke

**Agency/Organization**: Larissa Clarke

**Project Name**: Atascadero Basin Retrofit

**Latitude/Longitude**: 35.371475, -120.20201

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**Contact Name**: Larissa Clarke

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<table>
<thead>
<tr>
<th>Project Name</th>
<th>Relevant watershed</th>
<th>Contact Name</th>
<th>Agency/Organization</th>
<th>Project Location, Latitude/Longitude</th>
<th>Project Type</th>
<th>Project Status</th>
<th>Brief Project Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Earth Genius - Educational Programming</td>
<td>All SLO county watersheds</td>
<td>Gregory Ellis</td>
<td>One Cool Earth</td>
<td>Any of 45 public elementary schools in the county</td>
<td>Educational program</td>
<td>Ready for Implementation</td>
<td>One Cool Earth's Earth Genius program provides water-focused educational and hands-on projects with real-world impacts at public elementary schools in San Luis Obispo County. We request that our program be considered as an educational component to infrastructure projects. We have developed grade-level appropriate curriculum focused on Low Impact Development, water conservation, stormwater management and pollution prevention, waste management (composting/recycling/zero waste), that can be custom tailored to fulfill the community outreach and public education component any SWRP project. Our programs are unique—we work with schools year-round, reaching all students in the school with several interactions throughout the year, installing demonstration projects with students and completing standards-based curriculum. These on-going, engaging education projects are shown to be more effective than single drop-in classes, one-time field trips, or guest speakers, according to the National Oceanic and Atmospheric Administration’s best practices guide for providing Meaningful Watershed Educational Experiences. We currently have active programming at 18 schools in the following areas: Oceano, Arroyo Grande, Shandon, Cambria, Paso Robles and Atascadero. We have established contacts at many more who are familiar with our program and ready to start up based on funding availability. In addition, we are able to raise 1:1 or 2:1 matching funds in most cases, reducing the cost of our program.</td>
</tr>
</tbody>
</table>