Rio Hondo Watershed
FY 24-25 (Year 5)
Submitted Projects

Presented to the Rio Hondo WASC
19 September 2023
By Richard Watson & Julie Millett (RWA)
**Project Summary – S. El Monte High School**

- **Received a qualifying score**
- **Lead proponent:** El Monte Union High School District
- **TRP Funded in Year 2 (2021-22)**
- **Total Requested Funds:** $8,753,600 (Year 1 - $1,264,800)
- **Timeline:**
  - Design, CEQA, Permitting – Complete June 2026
  - Construction – Complete Nov 2027
- **DAC Benefits Claimed:** Yes - located in a DAC census block
- **Water Quality Benefits include:** Reducing pollutants from runoff through bioretention, filtration, and biological processes
- **Water Supply Benefit:** Not claimed
- **Community investment benefits:** Enhanced recreational opportunities and improved flood management by reducing significant flooding at ball fields; planting 28 new trees.
- **NBS:** Yes. Nature-mimicking bioswales to slow, detain, and capture water to enhance habitat and usable open space.
- **Five (5) letters of support**

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**Location:** 1001 Durfee Avenue, South El Monte

- **Portion of campus is leased from the US ACE**
• Received a qualifying score
• Lead proponent: City of Pasadena
• TRP Funded in Year 2 (2021-22)
• Total Requested Funds: $11,771,407 (Year 1: $1,719,900)
• Timeline: Planning - 2024-2025; Design – 2025-2026; Bid/Award and Construction – 2026-2027; Monitoring – 2026-2028
• DAC Benefits: Yes - located in a DAC census block.
• Water Quality Benefits include: Pollutant reduction through bio-retention, filtration, and biological processes.
• Water Supply Benefit: Not claimed
• Community investment benefits: Reduced flooding issues for the neighboring community through improved stormwater infrastructure; improved park greening; enhanced habitat
• NBS: Two bioswales will divert surface runoff flows through vegetative swales
• Four (4) letters of support
• Identifying Best Practices for Maintaining Stormwater Drywell Capacity

• Lead proponent: California State Polytechnic University, Pomona

• Additional study collaborators: UCSB, Hydrology Laboratory; Kindred Hydro, Inc., Groundswell Technologies, LLC

• Total Requested Funds: $4,951,453 (Total for all 9 Watershed Areas for 5 years)

• Study Description: Evaluation of alternative drywell designs, existing pre-treatment practices, and maintenance intervals for maintaining stormwater drywell capacity.


• Water Quality Benefits: Study results will allow stakeholders to optimize performance and functionality of their systems, leading to improved stormwater treatment, reduced pollutant runoff, and enhanced water quality.

• Water Supply Benefit: Implementation of best practice recommendations provided will improve efficiency and long-term performance of drywell systems, thereby increasing capture and recharge in the region.

• Additional information re: workforce training: Project seeks to train a diverse group of young engineers, particularly from disadvantaged communities and underrepresented groups. Aspiring engineers will gain hands-on experience and contribute to development of sustainable water management practices.
<table>
<thead>
<tr>
<th>Project</th>
<th>$ Requested</th>
<th>Regional Water Mgmt Plan</th>
<th>Water Quality Benefit Claimed</th>
<th>Water Supply Benefit Claimed</th>
<th>Community Benefit Claimed</th>
<th>Other Benefits Claimed</th>
</tr>
</thead>
<tbody>
<tr>
<td>South El Monte High School Stormwater Capture Project (IP)</td>
<td>$8,753,600</td>
<td>IRWMP</td>
<td>Pollutant reduction from runoff through bioretention, filtration, and biological processes</td>
<td>N/A</td>
<td>Enhanced recreational opportunities, improved flood management, improved greening of school campus</td>
<td>DAC: Yes, NBS: Yes</td>
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<tr>
<td>Washington Park Stormwater Capture Project (IP)</td>
<td>$11,771,407</td>
<td>Upper LA River Enhanced Watershed Mgmt. Program (EWMP)</td>
<td>Pollutant reduction through bio-retention, filtration, and biological processes</td>
<td>N/A</td>
<td>Reduced flooding issues for neighboring community through improved stormwater infrastructure; improved park greening; enhanced habitat</td>
<td>DAC: Yes, NBS: Yes</td>
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<tr>
<td>Identifying Best Practices for Maintaining Stormwater Drywell Capacity (Scientific Study)</td>
<td>$4,951,453</td>
<td>N/A</td>
<td>Study results will allow stakeholders to optimize performance and functionality of their systems, leading to improved stormwater treatment, reduced pollutant runoff, and enhanced water quality.</td>
<td>Implementation of recommendations will improve efficiency and long-term performance of drywell systems, increasing capture and recharge in the region.</td>
<td>Workforce – training and development of future stormwater engineering professionals (10-20 students per year), including students from disadvantaged/under-represented communities.</td>
<td>N/A</td>
</tr>
</tbody>
</table>
Legend:

- Projects from Program Years 1-3 (2020-21, 2021-22, 2022-23)
- Projects from Program Year 4 (2023-24)
- Projects Submitted for Program Year 5 (2024-25)
Richard Watson
rwatson@rwaplanning.com
949-394-8495

Julie Millett
jmillett@rwaplanning.com
310-980-1534