Meeting Minutes:
Monday, February 24, 2020
1:30pm-3:30pm
Sanitation Districts of Los Angeles County
1955 Workman Mill Road, Whittier, CA 90601

Attendees:

Committee Members Present:
Julian Juarez (LA County Flood Control District)  David Diaz (Active SGV)
Robert O. Tock (Upper San Gabriel District)  John Beshay (Baldwin Park)
Kelly Gardner (Main San Gabriel Basin)  Amanda Hamilton (Bradbury)
Kristen Ruffell (Sanitation Districts)  Alison Sweet (Glendora)
Mark Glassock* (Los Angeles County Parks and Recreation)  Joshua Nelson (Industry)
Bob Huff (Huff Strategies)  Fernando Villaluna* (LA County)
debbie Enos (Watershed Conservation Authority)  Julie Carver (Pomona)
David Diaz (Active SGV)  Lisa O’Brien (La Verne)

Committee Members Not Present:
Brian Urias (Former USGVMWD Board Member)  Ed Reyes (Ed P. Reyes & Associates)

*Committee Member Alternate

See attached sign-in sheet for full list of attendees

1. Welcome and Introductions

Mr. Alva, the Chair of the Upper San Gabriel River WASC, called the meeting to order.

All committee members made self-introductions and quorum was established.

2. Approval of Meeting Minutes from February 10, 2020

The Los Angeles County Flood Control District (District) provided a copy of the meeting minutes from the previous meeting. Mr. Alva asked the committee members for comments or revisions. The committee had no comments.

The Committee voted to approve the meeting minutes from February 10, 2020 (unanimous).

3. Committee Member and District Updates

Mr. Kevin Kim (District) provided a summary of the scoring progress so far by the Scoring Committee (SC), adoption of the General Income Based Tax Reduction Program, and informed the committee of the Meeting of Chairs/Vice Chairs on Thursday, February 27, 2020.
4. Public Comment Period

No public comment

5. Discussion Items
   a) Presentations:
      i) Infrastructure Program
         (1) Encanto Park Stormwater Capture Project (City of Monrovia)
         Presentation by Alexi Tachiki and Oliver Galang. The proposed Project consists of a regional multi-benefit stormwater capture facility beneath the parking lot of Encanto Park and capturing storm and urban runoff from the adjacent storm drain. This project was identified for implementation in the RH/SGR revised Watershed Management Plan.

         The committee asked about the project components. The Project team stated that the project consists of pre- and post-treatment to increase overall performance and cost efficiency. The system has an inflow capacity of 10cfs, and approximately 2 cfs is pumped to the post-treatment system providing additional capacity. The net effect in pollutant load reduction is approximately 80-90% through removal. The landscaping plan would be developed as part of the final design phase.

         Mr. Diaz asked about leveraged funding. The Project team stated a Joint Powers Authority (JPA) should be in place within 6-9 months. The District has no deadline or guidance for the development of JPAs. Mr. Alva noted that there is already a cost share agreement, so the JPA may not be critical because the watershed group has already financially committed and signed memorandums of understanding.

         Mr. Diaz also asked about workforce development which will be developed as part of the bid process.

         Mr. Nelson asked for details on the geotechnical analysis. The Project team stated that the current data is based off of a desktop analysis, but the field analysis should be conducted within 2-3 months. The project is located adjacent to the San Gabriel River so there is a good probability of high infiltration rates.

         Mr. Huff asked about stormwater harvesting unit. It was noted that a large area is needed and would not be as cost effective. The cost-benefit analysis determined that the current design is the most cost effective.

         (2) Wingate Park Regional EWMP Project (City of Covina)
         Presentation by Sharon Gallant. The proposed project included in in the Upper San Gabriel River EWMP and Upper San Gabriel IRWMP is a regional multi-beneficial project that will capture, treat, and infiltrate urban stormwater from the cities of Covina, Glendora, San Dimas, and surrounding unincorporated areas of Los Angeles County.

         Ms. Gardner noted that the sale and purchase of Water compliance credits has been done in Culver City where several cities contribute to compliance points and have the responsibility to reduce pollutant loads.
Mr. Juarez requested clarification on the funding request and schedule. Ms. Gallant clarified that their funding request was distributed based on annual Safe, Clean Water funding available and the applicant would reimburse themselves once funding was received. The request only includes design activities conducted after November 2018.

Mr. Glassock asked about recreational activities during construction. The Project team stated that construction would be phased or the community could use other nearby city facilities. The other on-site facilities would not be affected.

Ms. Gardner requested clarification on potential scoring inconsistencies between similar projects.

Mr. Diaz asked what motivated the project. Ms. Gallant stated that it was identified as part of the EWMP process and stakeholder process. Community outreach and engagement will be further developed as the project moves forward.

(3) Bassett High School Stormwater Capture Multi-Benefit Project (Los Angeles County)

Presentation by Iwen Tseng. The proposed Bassett High School project, located in the City of La Puente, will improve water quality, incorporate LID feature and create new open space to promote healthy lifestyle in a disadvantaged community.

Mr. Diaz asked if leveraged funding has been secured. Ms. Tseng stated that the cities in the USGR EWMP are interested in partnering and they are currently waiting for a letter of commitment. LA County would contribute funding as well. If the project receives grant funding through IRWMP, the Safe, Clean Water request could be reduced by an additional $3 million. The Project currently has a conceptual design plan & 30% design plans.

Ms. Ruffell asked for information regarding drainage area by municipality. The applicant provided the following information:

<table>
<thead>
<tr>
<th>City</th>
<th>Drainage Area Breakdown</th>
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</thead>
<tbody>
<tr>
<td>Unincorporated County</td>
<td>43%</td>
</tr>
<tr>
<td>West Covina</td>
<td>41%</td>
</tr>
<tr>
<td>La Puente</td>
<td>12%</td>
</tr>
<tr>
<td>Industry</td>
<td>3%</td>
</tr>
<tr>
<td>Baldwin Park</td>
<td>1%</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>100%</strong></td>
</tr>
</tbody>
</table>

The committee asked about the project components. Ms. Tseng stated that the project addresses all onsite runoff. The cost for this project is generally higher because it includes 8 diversions. Reconstruction of the roadways will be coordinated with the LA County transportation core service area to sequence construction activities. The applicant will investigate opportunities to incorporate nature-based solutions in the reconstruction.
ii) Technical Resources Program: None

iii) Scientific Studies Program: None

b) Discussion for Stormwater Investment Plan Development Process

i) Disadvantage Community benefit

Mr. Kim clarified that if the WASC confirms that a project provides DAC benefits and the project is included in the SIP, the full funding amount will be used toward the DAC criteria calculation. The District will provide a summary of DAC benefits at the next meeting.

ii) Infrastructure Program, Technical Resources Program, and Scientific Studies Program project selection process

Mr. Kim stated that the District recommends the WASCs allocate up to 80% of the estimated Regional Program Funds to account for tax reductions and appeals. For the subsequent 4 years, the District recommends the WASCs allocate up to 50% of the estimated Regional Program Funds. Any unused funds will roll over to the following Fiscal Year. Ms. Melanie Morita (District) provided a preview of the SIP planning tool to assist in developing the SIP.

iii) Voting options and process

The District solicited recommendations on how the committee would like to select projects. Ms. Ruffell suggested the committee (1) vote on the targeted percent allocation for each year. (2) vote on the Scientific Study, then (3) rank all Infrastructure Program Projects. Mr. Alva would like to consider phasing projects and funding planning & design first.

6. Voting Items

None.

7. Items for next agenda

The District recommends the following items for the next agenda:

a) Further discussion on project selection and voting process
b) Stormwater Investment Plan discussion and development

Mr. Alva solicited additional recommendations from the committee for the next agenda.

8. Adjournment

Mr. Alva thanked the committee members and public for their time and participation and adjourned the meeting.
<table>
<thead>
<tr>
<th>Member Name</th>
<th>Municipality/Organization</th>
<th>Email Address</th>
<th>Signature</th>
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<tbody>
<tr>
<td>Julian Juarez</td>
<td>FCD</td>
<td><a href="mailto:JJUAREZ@dpw.lacounty.gov">JJUAREZ@dpw.lacounty.gov</a></td>
<td>P</td>
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<td>P</td>
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<tr>
<td>Robert O. Tock</td>
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<td></td>
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<tr>
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<td>P</td>
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<tr>
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<tr>
<td>Kristen Ruffell</td>
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<tr>
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<td><a href="mailto:Abokde@parks.lacounty.gov">Abokde@parks.lacounty.gov</a></td>
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<td></td>
<td>Recreation</td>
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<td>Mark Glassock</td>
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<tr>
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<td>A</td>
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<tr>
<td>Jane Tsong</td>
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February 24, 2020
### Upper San Gabriel River Watershed Area Steering Committee Meeting

**COMMITTEE MEMBER AND ALTERNATE SIGN-IN**

<table>
<thead>
<tr>
<th>Member Name</th>
<th>Municipality/Organization</th>
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<tr>
<td>Fabian Aoun</td>
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February 24, 2020
**Upper San Gabriel River Watershed Area Steering Committee Meeting**

**PUBLIC SIGN-IN**

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<tr>
<td>Hugo</td>
<td>Garcia</td>
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<td>Klug</td>
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</tr>
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<td>James</td>
<td>Cranzie</td>
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</tr>
<tr>
<td>Alex</td>
<td>Tachiki</td>
<td>Monrovig</td>
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<tr>
<td>Oliver</td>
<td>Galang</td>
<td>CRAFTWATER FORS</td>
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<td>LAC FCD</td>
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</tr>
<tr>
<td>Vincent</td>
<td>Ramos</td>
<td>city &amp; claremont</td>
<td><a href="mailto:Viramosco@city.claremont.ca.us">Viramosco@city.claremont.ca.us</a></td>
</tr>
<tr>
<td>Lauren</td>
<td>Marshall</td>
<td>&quot; &quot; San Dimas</td>
<td><a href="mailto:Marshall@sandimas.org">Marshall@sandimas.org</a></td>
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<tr>
<td>Chris</td>
<td>Nies</td>
<td>Parent</td>
<td><a href="mailto:Chris.Nies@ci.pomona.ca.us">Chris.Nies@ci.pomona.ca.us</a></td>
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<td>Irnet</td>
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<tr>
<td>Ryan</td>
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<td>CWE</td>
<td><a href="mailto:RKearns@cwecorp.com">RKearns@cwecorp.com</a></td>
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<tr>
<td>Veronica</td>
<td>Sey de</td>
<td>WSP</td>
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</tr>
<tr>
<td>Elizabeth</td>
<td>Ruedas</td>
<td>Michael Baker Int.</td>
<td><a href="mailto:Elizabeth.Ruedas@mbakerint.com">Elizabeth.Ruedas@mbakerint.com</a></td>
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*Signing or completing this form is voluntary for members of the public*
Upper San Gabriel River
Watershed Area Steering Committee Meeting
PUBLIC SIGN-IN

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<thead>
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<th>Last Name</th>
<th>Municipality/Organization</th>
<th>Email Address</th>
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</thead>
<tbody>
<tr>
<td>Laura</td>
<td>Santos</td>
<td>Bassett</td>
<td><a href="mailto:laurasantos3454@gmail.com">laurasantos3454@gmail.com</a></td>
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<table>
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<tr>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>PROJECT NAME</td>
<td>Encanto Park Stormwater Capture Project</td>
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<tr>
<td>PROJECT LEAD</td>
<td>City of Monrovia on behalf of the Rio Hondo San Gabriel River Water Quality Group</td>
</tr>
</tbody>
</table>
| PRESENTERS                   | Alex Tachiki, City of Monrovia and Rio Hondo Water Quality Group  
Oliver Galang, Craftwater Engineering |
| TOTAL FUNDING REQUEST        | TOTAL PROJECT COST: $2.5 Million  
• Planning, Design, Construction Mgt: $700k  
• Construction: $1.8 Million |
Rio Hondo/San Gabriel River Watershed is a 26,240-acre watershed. The highest priority pollutants include metals, with zinc as the limiting pollutant, and bacteria. The RH/SGR WMP was approved on 4/21/16 and was revised and approved on 05/17/2019. The revised compliance strategy relies heavily on regional projects and green streets.
Encanto Park  Stormwater Capture Project

DRAINAGE AREA

- Watershed Drainage Area of 189 acres
- Drainage area consists of the City of Duarte (146 acres, 77%) and the City of Azusa (43 acres, 23%)
- Collaborative implementation with the RH/SGR WMP Group to address regulatory requirements for water quality
- First regional project for the RH/SGR rWMP
- Potential water recharge benefits for the region
Located within **1/2 mile from disadvantaged communities** and provides direct benefits to these communities

**Parking lot enhancements** with permeable parking lots, bioswales, trails, and habitat areas benefit all park visitors

**Potential water supply benefits** from subsurface infiltration
ENCANTO PARK STORMWATER CAPTURE PROJECT
Schedule and 5 Year Look Ahead

<table>
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<tr>
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<th>Start</th>
<th>Finish</th>
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<tbody>
<tr>
<td>PHASE 1. PERMITTING &amp; APPROVALS</td>
<td>September 2020</td>
<td>September 2021</td>
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<tr>
<td>PHASE 2. CONSTRUCTION DRAWINGS</td>
<td>September 2020</td>
<td>September 2021</td>
</tr>
<tr>
<td>PHASE 3. CONSTRUCTION</td>
<td>January 2022</td>
<td>September 2023</td>
</tr>
<tr>
<td>OPERATION AND MAINTENANCE</td>
<td>October 2023</td>
<td>June 2025+</td>
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ENCANTO PARK STORMWATER CAPTURE PROJECT
Expenditure Projections of SCW Program Funds

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<th>YEAR</th>
<th>FISCAL YEAR</th>
<th>SCW FUNDS</th>
<th>DESCRIPTION</th>
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<tr>
<td>1</td>
<td>FY 20-21</td>
<td>$ 702,860</td>
<td>Planning, Design, and Permitting</td>
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<td></td>
<td></td>
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<td>Biding, Contracting, Mobilization and Construction</td>
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<tr>
<td>2</td>
<td>FY 21-22</td>
<td>$ 827,000</td>
<td>Construction</td>
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<tr>
<td>3</td>
<td>FY 22-23</td>
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<td>O&amp;M (Future request)</td>
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<tr>
<td>4</td>
<td>FY 23-24</td>
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<td>5</td>
<td>FY 24-25</td>
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<td>O&amp;M (Future request)</td>
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### Summary of Benefits for a Feasibility Study

**ENCANTO PARK**

**STORMWATER CAPTURE PROJECT**

**WATER QUALITY AND WATER SUPPLY BENEFITS**

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<tr>
<td>24-Hour Treatment</td>
<td>7.5 AF</td>
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<td>Primary Pollutant: Zinc</td>
<td>95%</td>
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<tr>
<td>Secondary Pollutant: E. Coli</td>
<td>81%</td>
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<tr>
<td>Potential Annual Water Supply/Recharge Benefit</td>
<td>75 AF</td>
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</table>
ENCANTO PARK
STORMWATER CAPTURE PROJECT
COMMUNITY INVESTMENT and NATURE-BASED SOLUTIONS

Improved flood management with diversion and storage structure
Enhancement of park with parking lot improvements and native landscaping
Enhanced recreation opportunities with passive DG trail
Reduced heat island effect with additional trees

Safe, Clean Water Scoring Review
Preliminary Score: 74
Scoring Committee: 67

Encanto Park Stormwater Capture Project

<table>
<thead>
<tr>
<th>Section</th>
<th>Scoring Standards</th>
<th>Prelim Score</th>
<th>Comment</th>
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</thead>
<tbody>
<tr>
<td>A. Nature-Based Solutions</td>
<td>The project implements Nature-Based Solutions</td>
<td></td>
<td></td>
</tr>
<tr>
<td>D1. Project:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D2. Parking Lot will be retrofitted with permeable pavement, bioswales, and DG walking paths. Permeable pavement accounts for 25,000 sf of the existing 42,000 sf parking lot</td>
<td>12</td>
<td></td>
<td></td>
</tr>
<tr>
<td>D. Leverageing Funds and Community Support</td>
<td>The project achieves one or more of the following:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>E1. Cost Share. Additional Funding has been awarded for the project.</td>
<td></td>
<td>0%</td>
<td>The RH/SGR Water Quality Group anticipates dedicating CARLEOF funds to offset regional funds for feasibility studies and planning efforts towards this project.</td>
</tr>
<tr>
<td>E2. The project demonstrates strong local, community-based support and/or has been developed as a part of a partnership with local NGOs/CBOs.</td>
<td>No</td>
<td>0</td>
<td>During rEWMP development, the RH/SGR Group led numerous public engagement and outreach activities, including workshops with non-governmental organizations (specifically Amigos de los Rios, Los Angeles WaterKeeper, the Natural Resources Defense Council, and Nature for All) to discuss the details of this project. The outcomes included open lines of communication with environmental and community advocates.</td>
</tr>
</tbody>
</table>

Total                                                      |                                                                      | 67           |                                                                         |
ENCANTO PARK STORMWATER CAPTURE PROJECT
SUMMARY OF KEY BENEFITS

- **Multi-Benefit Project** (flood, water supply, habitat, etc)
- **Directly benefits adjacent DAC areas**
- **Project Cost is $2.5 Million** to design and implement
- **First strategic project** for the agency partners for the RH SGR WMP

Questions?

Alex Tachiki, City of Monrovia on behalf of the Rio Hondo/San Gabriel River Water Quality Group

Oliver Galang, PE | Craftwater Engineering
Wingate Park Regional EWMP Project
<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>DATA/INFORMATION</th>
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</thead>
<tbody>
<tr>
<td>PROJECT NAME</td>
<td><strong>Wingate Park Regional EWMP Project</strong></td>
</tr>
<tr>
<td>PROJECT LEAD</td>
<td>City of Covina</td>
</tr>
<tr>
<td>PRESENTERS</td>
<td><strong>Sharon Gallant</strong>, Environmental Services Manager</td>
</tr>
<tr>
<td></td>
<td>City of Covina</td>
</tr>
<tr>
<td>TOTAL FUNDING REQUEST</td>
<td><strong>SCW FUNDING REQUEST: $950,000</strong></td>
</tr>
<tr>
<td></td>
<td>• Planning/Permitting and Design: $950K</td>
</tr>
<tr>
<td></td>
<td>• Construction: $25.1 Million</td>
</tr>
</tbody>
</table>
Site Map—Wingate Park
Watershed Overview - Wingate Park

- Drainage Area of 1,100 acres
- 14.45 acre city owned park
- Drainage area consists of Covina (35%), Unincorporated LA County (34%), Glendora (20%) and San Dimas (11%)
- Land Uses: SF Residential (46%), MF Residential (15%), Commercial (6%), Institutional (8%), Industrial (3%), and Roadways (23%)
- Charter Oak Wash runs through park; drains to Walnut Creek which is a tributary to the San Gabriel River
- Collaborative effort with USGR EWMP to implement this regional project to address water quality requirements
Benefits to Adjacent Disadvantage Community

- Flood risk mitigation
- Riparian habitat improvements
- Connect Bike Routes
- Park Improvements
- DG walking trail
- New soccer field
- Natural playground area
- Improved Water Quality/Water Recharge
- Energy efficient lighting
- CO2 Reduction
Replace Parking Lot w/ Permeable Pavers
Replace turf with drought tolerant landscaping
Energy Efficient Lighting
Subsurface Infiltration Chamber
Fountains
New Soccer Field
EV Charging Stations
Wingate Park Above Ground Improvements

- Manhole Access Location
- Ball Field Lighting Replacement
- Interpretive Signage
- Trail Mile Markers
- Water Fountain for Human/Dogs
- Diversion Structure
- Grated Drop Inlet
- DG Walking Trail
- Construction Limits
- Precast Chamber Limits
- Excavation Limits
- Inflow Pipe from Diversion Structure
- Discharge Pipe to Charter Oak Wash

Legend:
- Manhole Access Location
- Ball Field Lighting Replacement
- Interpretive Signage
- Trail Mile Markers
- Water Fountain for Human/Dogs
- Diversion Structure
- Grated Drop Inlet
- DG Walking Trail
- Construction Limits
- Precast Chamber Limits
- Excavation Limits
- Inflow Pipe from Diversion Structure
- Discharge Pipe to Charter Oak Wash

Solar Panels Over Parking Stalls
Bioswales
Wooded Play Area
Interpretive Signs

28.6 Tons of CO2 Avoided

Walking Trails connect by bridge to a Bike-Pedestrian Path and access to 2.85 acres of riparian habitat along Charter Oak Creek

Replace Turf w/ Native Drought Tolerant Landscaping

Plant 26 Native Drought Tolerant Trees

Landscape Plant List

Trees:
- Desert Willow
- Coast Live Oak

Shrubs, Perennials and Grasses:
- California Wild Rose
- Tamarisk
- Dune Muhlenbergia
- Autumn Sage
- California Goldenrod
- Small Icicle Rush
- English Lavender
- Sage

26 Native Drought Tolerant Trees

Walking Trails connect by bridge to a Bike-Pedestrian Path and access to 2.85 acres of riparian habitat along Charter Oak Creek
Runoff diverted from Charter Oak Wash into a 36” pipe. An actuator valve opens when the optimal flow occurs (50 cfs).

Stormwater will be treated by a pretreatment device to remove pollutants (metals, bacteria, sediment, trash, including AB 1249 contaminants).

Gravity flows into an underground infiltration gallery (1.65 acres in size with a capacity of 14AF).

Water Supply/Recharge benefit of 658 AF of water into aquifer.

If another storm is expected, telemetry will monitor water levels inside the precast gallery and an operator can remotely release water through an outlet pipe back into the Charter Oak Wash.
## Schedule and 5 Year Look Ahead

<table>
<thead>
<tr>
<th>Task</th>
<th>Start</th>
<th>Finish</th>
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</thead>
<tbody>
<tr>
<td>Phase 1. Feasibility Study &amp; 30% Design</td>
<td>Summer 2017</td>
<td>Completed</td>
</tr>
<tr>
<td>Phase 2. Final Design &amp; CEQA</td>
<td>July 2020</td>
<td>December 2020*</td>
</tr>
<tr>
<td>Phase 3. Permits &amp; Approvals, Construction Drawings, Bid &amp; Award</td>
<td>Fall 2020</td>
<td>Summer 2021</td>
</tr>
<tr>
<td>Phase 4. Construction</td>
<td>Summer 2021</td>
<td>Fall 2022*</td>
</tr>
<tr>
<td>Phase 5. O&amp;M - Monitoring</td>
<td>December 2022</td>
<td>Ongoing</td>
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</tbody>
</table>

### Yearly Funds

<table>
<thead>
<tr>
<th>Year</th>
<th>Fiscal Year</th>
<th>SCW Regional Funds</th>
<th>SCW Municipal Funds</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>FY 19-20</td>
<td>$950,000</td>
<td>$250,000*</td>
<td>Feasibility Study &amp; 30% Design</td>
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<tr>
<td>2</td>
<td>FY 20-21</td>
<td>$929,142</td>
<td>$185,828</td>
<td>Planning &amp; Design</td>
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<tr>
<td>3</td>
<td>FY 21-22</td>
<td>$908,283</td>
<td>$185,828</td>
<td>Planning &amp; Design</td>
</tr>
<tr>
<td>4</td>
<td>FY 22-23</td>
<td>$7,130,084</td>
<td>$185,828</td>
<td>Construction</td>
</tr>
<tr>
<td>5</td>
<td>FY 23-24</td>
<td>$7,130,084</td>
<td>$185,828</td>
<td>Construction</td>
</tr>
<tr>
<td>6</td>
<td>FY 24-25</td>
<td>$7,130,084</td>
<td>$185,828</td>
<td>Construction</td>
</tr>
</tbody>
</table>

Total Project Costs: $25,106,815       O&M and Monitoring $69,400/year
Leveraging Funds

We have and will continue to seek funding opportunities from the following to reduce Regional SCW Costs:

- Regional SCW
- Local SCW
- Grants
- IRWMP Prop 1, Round 1
- IRWMP Prop 1, Round 2

Explore Partnerships with NGO’s and Other Entities
Explore use of Bonds
Explore Cost Sharing of Post-Construction Monitoring and BMP Effectiveness as part of revised CIMP
Explore Sale/Purchase of Water Quality Credits
### Safe Clean Water Scoring

<table>
<thead>
<tr>
<th>Scoring Section</th>
<th>Maximum Score</th>
<th>Preliminary Score</th>
<th>Scoring Committee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Quality</td>
<td>50</td>
<td>44</td>
<td>40</td>
</tr>
<tr>
<td>Water Supply</td>
<td>25</td>
<td>18</td>
<td>18</td>
</tr>
<tr>
<td>Community Investment Benefit</td>
<td>10</td>
<td>10</td>
<td>5</td>
</tr>
<tr>
<td>Nature-Based Solutions</td>
<td>15</td>
<td>12</td>
<td>12</td>
</tr>
<tr>
<td>Leveraging Funds</td>
<td>10</td>
<td>4</td>
<td>0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>110</strong></td>
<td><strong>88</strong></td>
<td><strong>75</strong></td>
</tr>
</tbody>
</table>

- Wet Weather Water Quality Benefits – Could consider adding 2.88 cfs filtration unit in Final Design
- Site constraints limited points for this metric despite its contribution to groundwater resources
- Community Investment Benefits lower than Scoring Committee
- Leveraging Funds – Assumes match (will use Municipal SCW Funds), but still seeking other Grants
- Community-Based Support – Letters of Support provided by participating agencies; Develop partnerships with NGO’s/CBOs
Summary of Benefits

- **Water Quality**
  - Treatment of 90% Storm
  - Reduce Pollutant Loads
  - Pollutants of Concern – Zinc and Bacteria

- **Water Supply**
  - Recharge 658 AF
  - 14 AF of Storage Capacity

- **Community Investment Benefits**
  - Enhancements to Community Park
  - Native Plants
  - CO2 Reduction
  - Walking Trails
  - Energy Efficient Lighting
  - EV Charging Station
  - Installation of Solar Panels
  - Drinking Fountains
  - Interpretive Signs

- **Nature Based Solutions**
  - 26 New Trees
  - CO2 Reduction
  - Drought Tolerant Native Landscaping
  - Bioswales
  - Impermeable Parking Lot replaced with Permeable Pavers
  - Natural playground
  - DG Trails to Charter Oak Wash

- **Nature Based Solutions**
  - Treatment of 90% Storm
  - Reduce Pollutant Loads
  - Pollutants of Concern – Zinc and Bacteria

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- **Nature Based Solutions**
  - 26 New Trees
  - CO2 Reduction
  - Drought Tolerant Native Landscaping
  - Bioswales
  - Impermeable Parking Lot replaced with Permeable Pavers
  - Natural playground
  - DG Trails to Charter Oak Wash
Questions?
Bassett High School
Stormwater Capture Multi-Benefit Project

ONCE UPON A TIME IN...

LA PUENTE

Directed by  Los Angeles County
Produced by  Los Angeles County
Written by  Iwen Tseng
Starring  Bassett Unified School District
Bassett High School
John Di Mario
Bassett High School
Stormwater Capture Multi-Benefit Project
Bassett High School
Stormwater Capture Multi-Benefit Project
Safe Clean Water Benefits

Water Quality
- Remove more than 95% of zinc and copper
- 50 AF of infiltration gallery

Water Supply
- Increase water supply to Main San Gabriel Basin
- 513 AF/ year
Community Investment
- Enhance new recreational opportunities
- Create green space at school
- Plant 200+ trees

Nature Based Solutions
- Install bioswales
- Native and/or drought tolerant plants

Leveraging Funds & Local Support
- Project partnership
- Funding match
- Collaboration with Amigo de los Rios and Bassett USD

Bassett High School
Stormwater Capture Multi-Benefit Project

Drainage Area
1,146 Acres

Jurisdictions
- Baldwin Park
- Industry
- La Puente
- West Covina
- Unincorporated County
Bassett High School
Stormwater Capture Multi-Benefit Project

- City of La Puente
- Disadvantaged Community

Bassett High School
Stormwater Capture Multi-Benefit Project

- 8 diversion locations
- 18,200 ft diversion lines
- 1 pump at Bassett Park
- Infiltration gallery at school
park entrance

Smart Gardening Learning Center
Project Outreach

Project Outreach
Project Cost, Schedule and Funding Request

<table>
<thead>
<tr>
<th>Phase</th>
<th>Cost</th>
<th>Completion</th>
<th>SCW Request</th>
<th>FY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Design</td>
<td>$3,000,000</td>
<td>Late 2020</td>
<td>$12 M</td>
<td>2020-21</td>
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<tr>
<td>Construction</td>
<td>$59,400,000</td>
<td>Dec 2022</td>
<td>$10 M</td>
<td>2021-22</td>
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<tr>
<td><strong>Total Project Cost Estimate</strong></td>
<td><strong>$62,400,000</strong></td>
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<td>$9.2 M</td>
<td>2022-23</td>
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<td><strong>$31.2 M</strong></td>
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</table>

Questions

Iwen Tseng
itseng@pw.lacounty.gov