



PALMDALE WATER DISTRICT
A CENTURY OF SERVICE

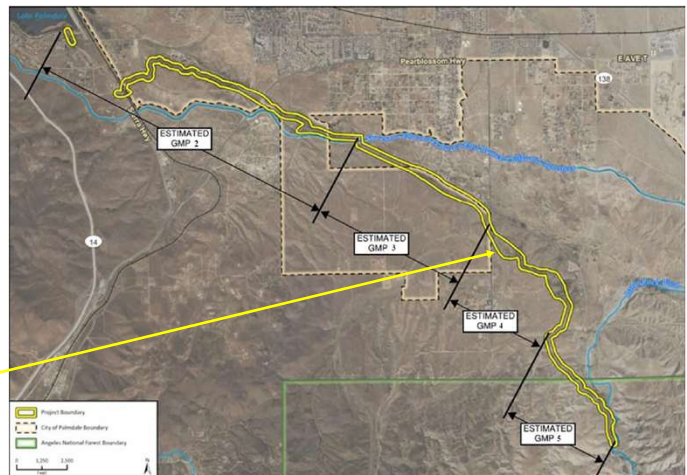
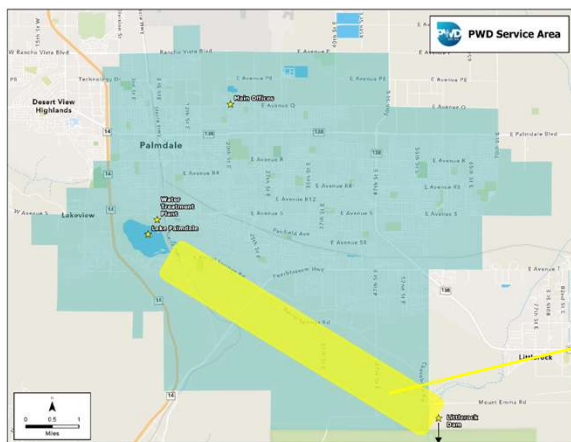
CROTCH'S BUMBLE BEE HABITAT RESTORATION PLAN – COST ANALYSIS & BUDGET APPROVAL TO SUPPORT THE PALMDALE DITCH CONVERSION PROJECT

Board of Directors Meeting
July 14, 2025



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Location Map



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Background and Needs

- Palmdale Ditch Conversion Project will temporarily disturb ~39.24 acres of upland habitat
- Habitat supports the Crotch's Bumble Bee (*Bombus crotchii*), a candidate species under the California Endangered Species Act (CESA)
- Developed Habitat Revegetation, Restoration, and Monitoring Plan (HRRMP) in coordination with CDFW to offset project impacts



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CDFW Requirements:

- Deposit restoration funds into an escrow account for 5 years to ensure:
 - Implementation and maintenance of habitat restoration
- Conservation easement is not applicable since the District does not own the underlying property
- Demonstrates District's commitment to environmental stewardship and compliance



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Proposed Scope of Work

- Seed collection and hydroseeding with locally native plants
- 25 site maintenance visits over 5 years
- Annual & qualitative monitoring reports
- Biological monitoring and adaptive management



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Fee Breakdown

Task 1- Installation: \$450,036
 Task 2- Maintenance: \$213,350.00
 Task 3 – Monitoring and reporting: \$65,150.00
 Subtotal: \$728,536
 Contingency: 10%
 Total: \$801,389.60
 Rounded up Total: **\$801,390**

- ✓ This item serves Strategic Initiative No. 1 – Water Resource Reliability and No. 3 – Systems Efficiency. This item directly relates to the District's Mission Statement.



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Recommendation

- Staff recommends that the Board approve Rincon Consultants' cost analysis assumptions and associated budget estimate of \$801,390 for the implementation and 5-year maintenance of the Crotch's Bumble Bee Habitat Restoration Plan associated with the Palmdale Ditch Conversion Project.