



Project:	CENTRAL POINTE	
By:	AB	Date: 08/06/2025

Erosivity Index Value= 112.38 Per EPA Online Rainfall Erosivity Calculator
K= 0.32 SMARTS Generated
LS= 0.65 SMARTS Generated

Total Predicted Sediment Loss (tons/acre) = R*K*LS
= **23.38** tons/acre

Overall Sediment Risk

Low Sediment Risk < 15 tons/ acre

Medium Sediment Risk >= 15 and < 75 tons/acre

High Sediment Risk >= 75 tons/acre

Receiving Water Risk = Low*

Project site does NOT discharge to a 303(d)-listed waterbody impaired by sediment

Therefore, project is **Risk Level 2**

EPA Erosivity Index (EI) Calculator

Project Address: Cabrillo Park Dr & E 4th St, Santa Ana, CA

Expected Construction Schedule:

START: 09/01/2025

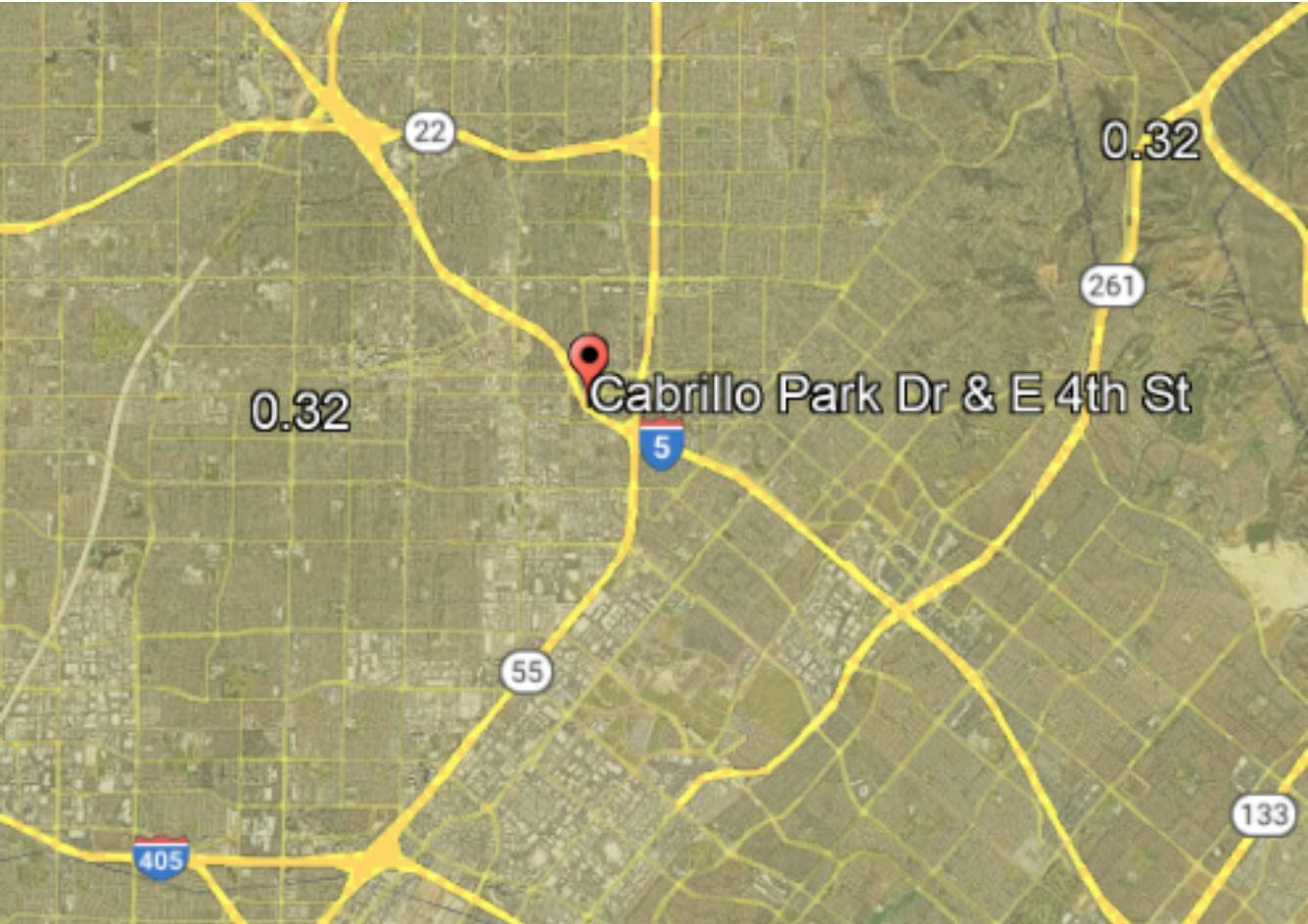
END: 05/01/2028

2025-2026	
Facility Information	
Start Date: 09/01/2025	Latitude: 37.5512
End Date: 09/01/2026	Longitude: -122.0225
Calculation Results	
Rainfall erosivity factor (R Factor) = 37.65	
2026-2027	
Facility Information	
Start Date: 09/01/2026	Latitude: 37.5512
End Date: 09/01/2027	Longitude: -122.0225
Calculation Results	
Rainfall erosivity factor (R Factor) = 37.65	
2027-2028	
Facility Information	
Start Date: 09/01/2027	Latitude: 37.5512
End Date: 05/01/2028	Longitude: -122.0225
Calculation Results	
Rainfall erosivity factor (R Factor) = 37.08	
EI Total: 112.38	

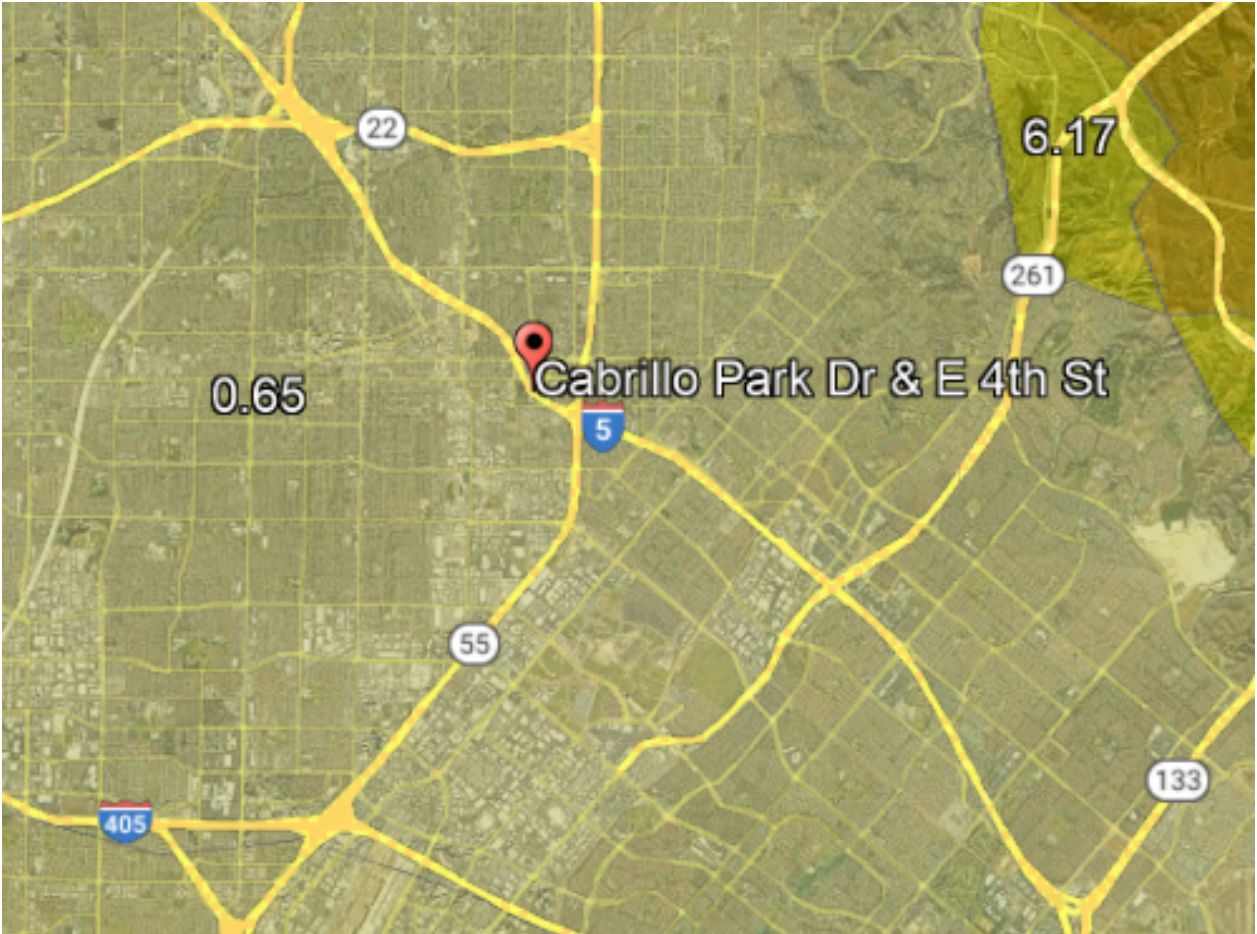
Notes:

1. Calculations performed using EPA's Erosivity Index Calculator: <https://lew.epa.gov/>
2. For construction sites that span multiple years, perform separate R factor calculations for each year of planned construction activities, per California Water Boards guidance.
(https://www.waterboards.ca.gov/water_issues/programs/stormwater/smarts/construction/docs/rfactor_guide.pdf)

CENTRAL POINTE
Site Sediment Risk



K-Factor



LS-Factor



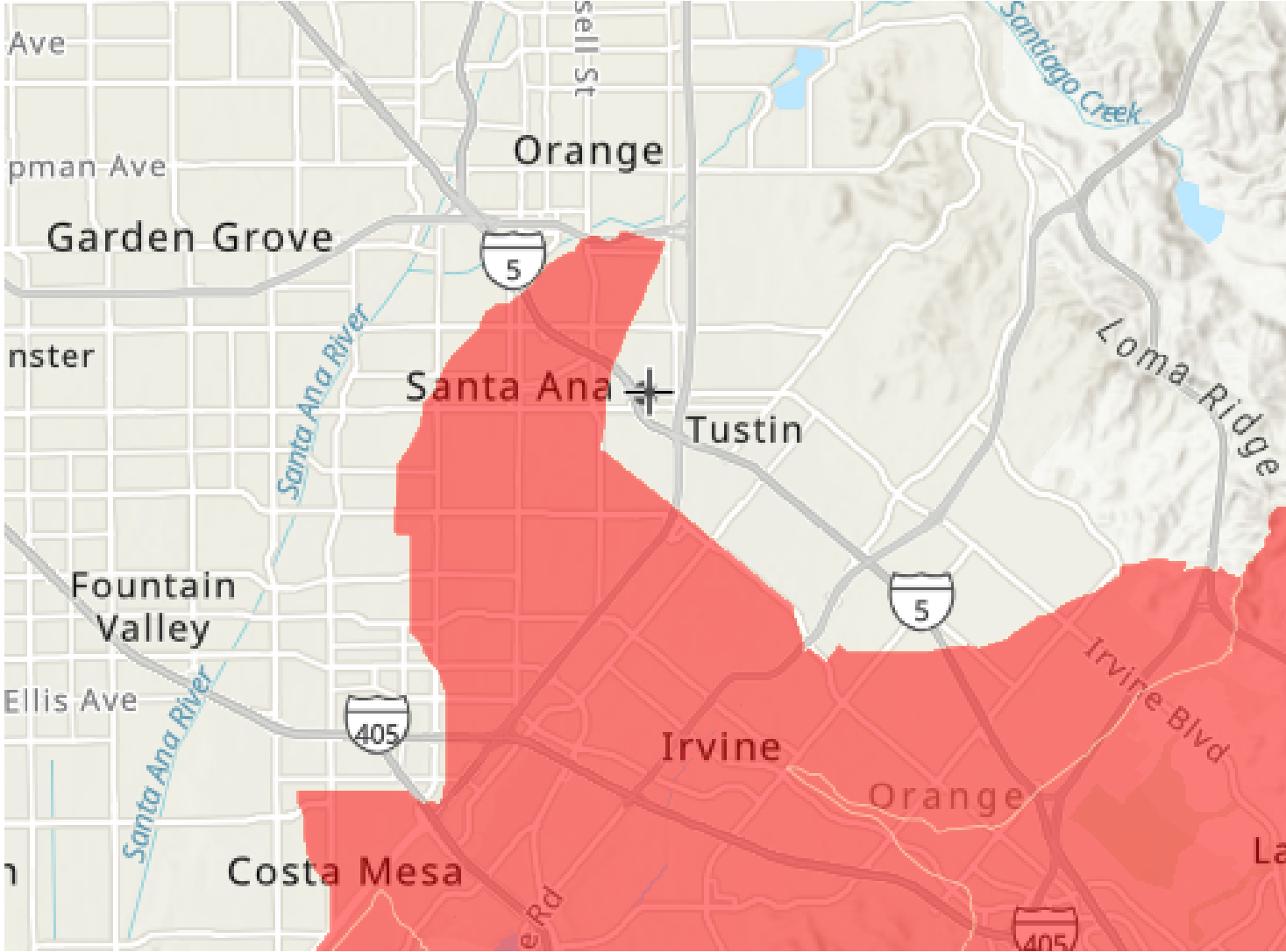
Site Sediment Risk

CENTRAL POINTE

AUGUST 2025

CENTRAL POINTE

Receiving Water Risk



Not a High Receiving Water Risk Watershed



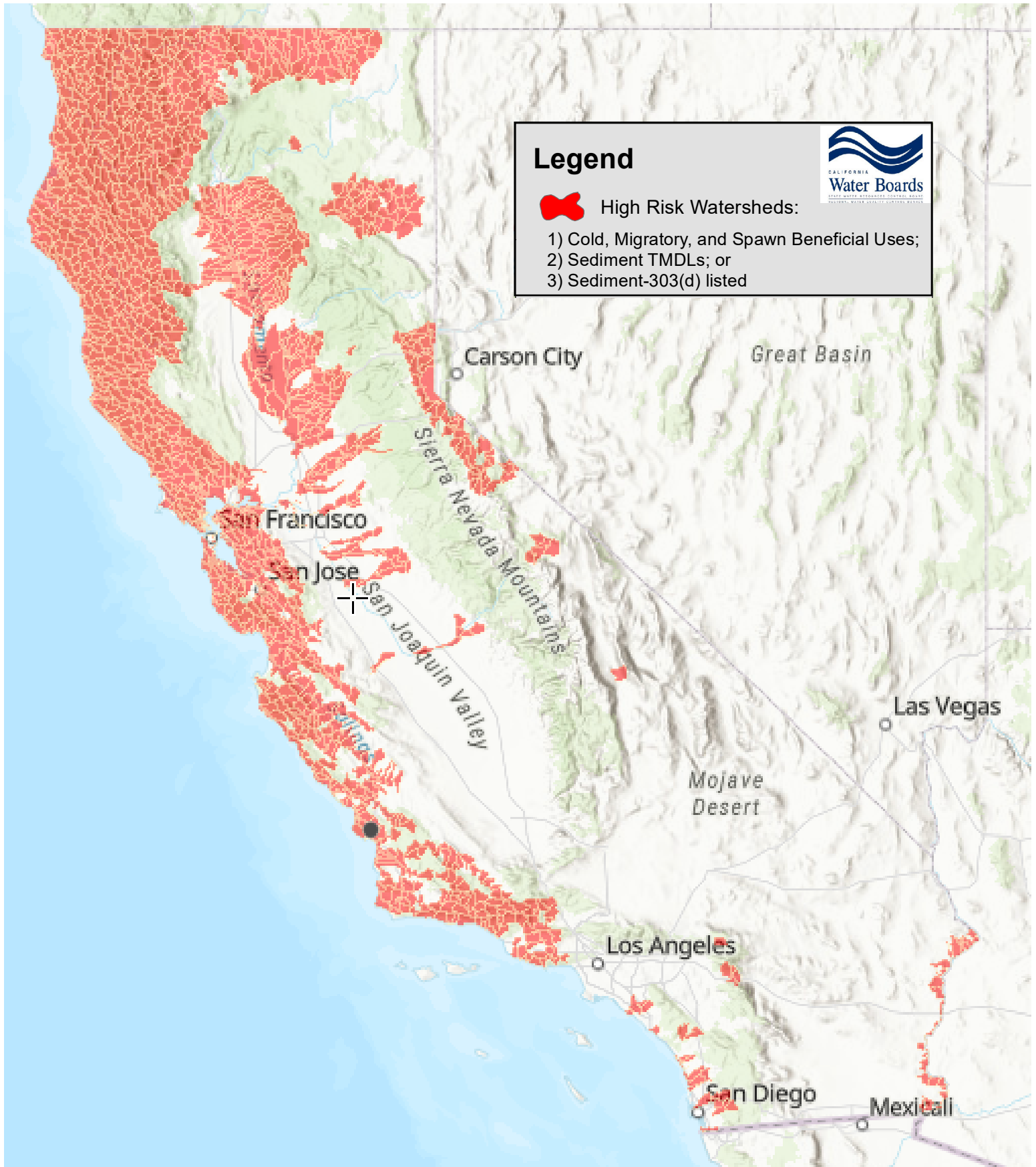
Receiving Water Risk

CENTRAL POINTE

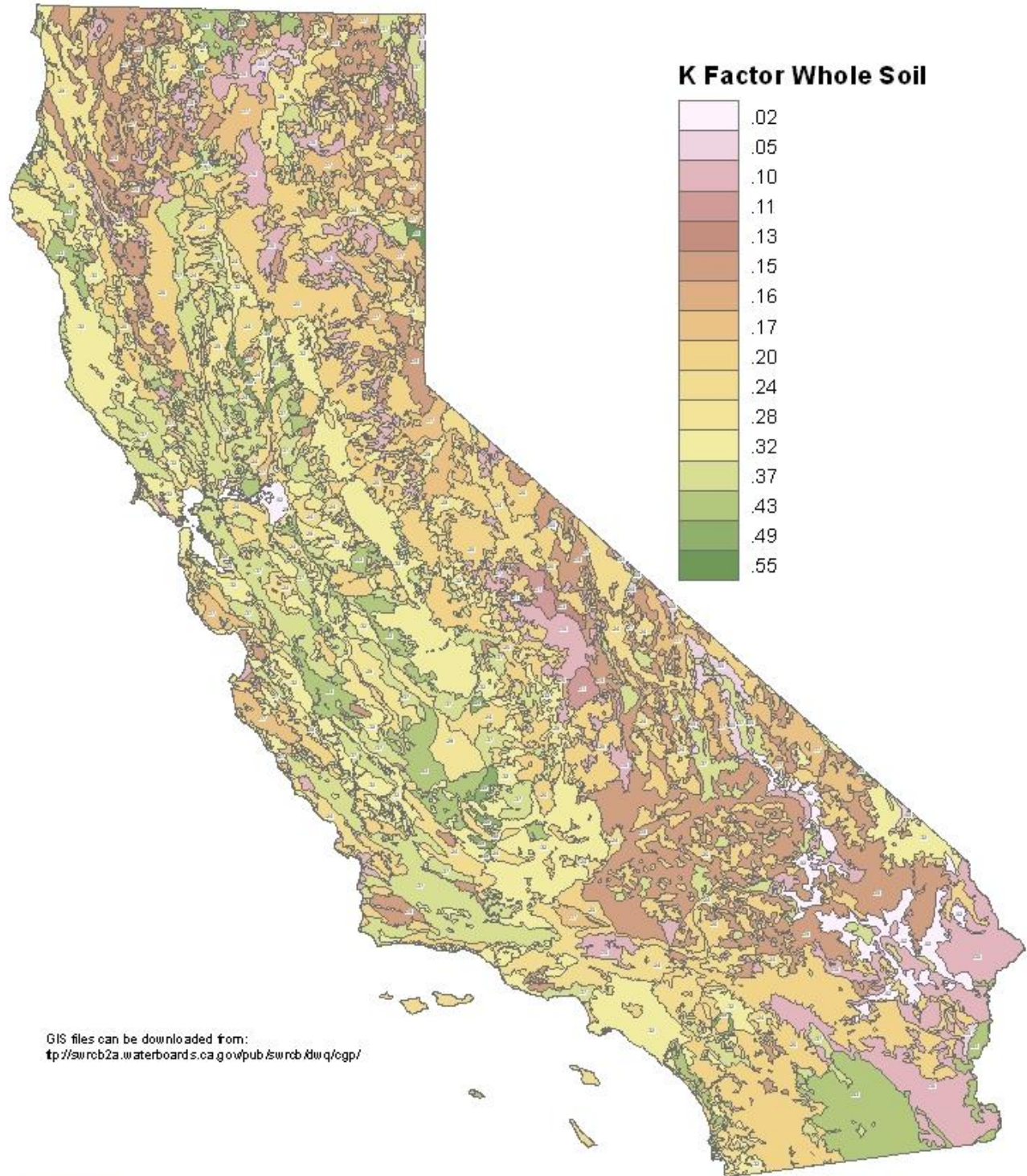
AUGUST 2025

High Risk Watersheds

California Construction Storm Water General Permit



RUSLE K Values

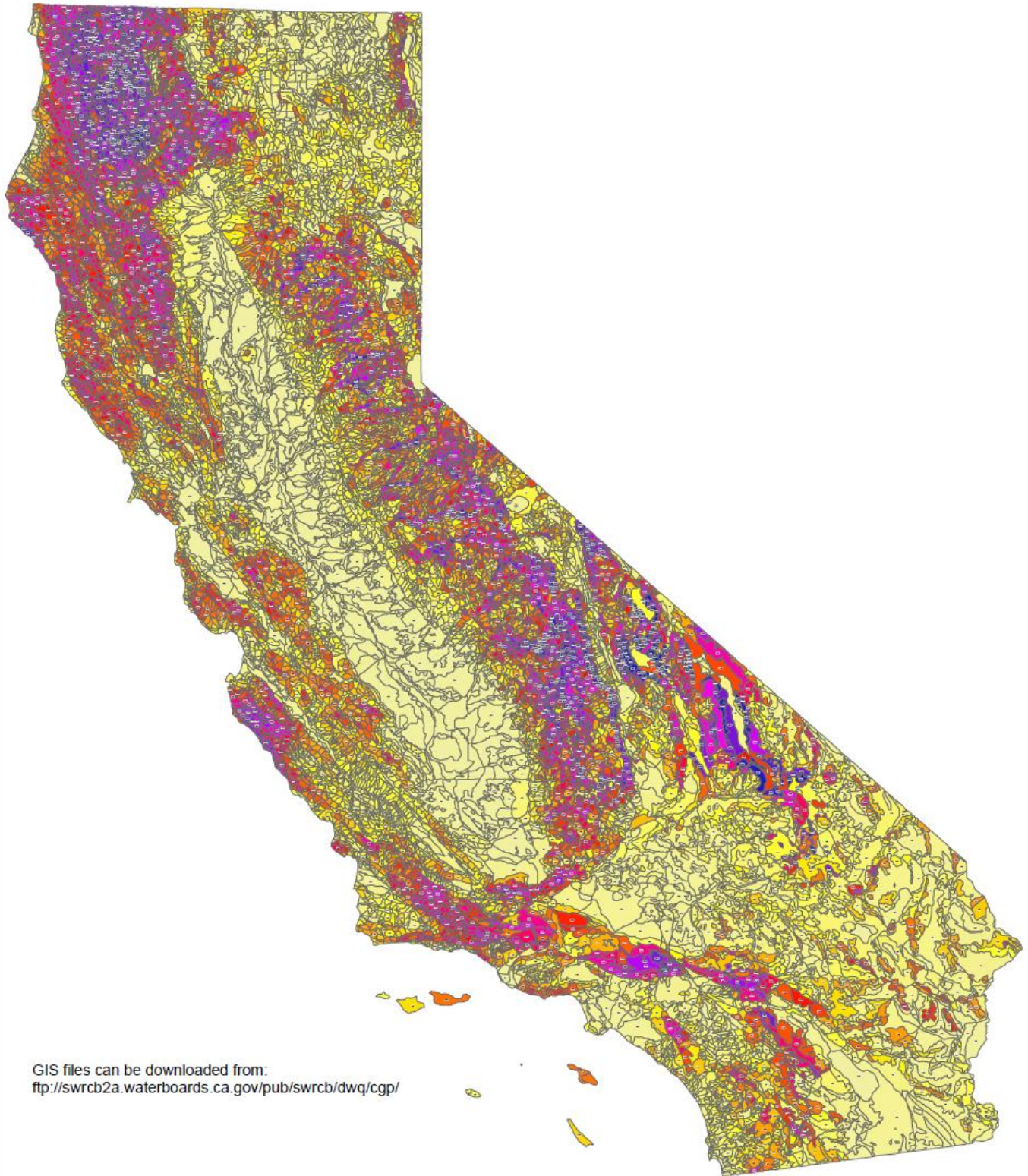


GIS files can be downloaded from:
<http://swrcb2a.waterboards.ca.gov/pub/swrcb/dwq/cgp/>



Data Source: *Natural Resources Conservation Service,
U.S. Dept. of Agriculture and State Water Resources Control Board*

RUSLE LS Values



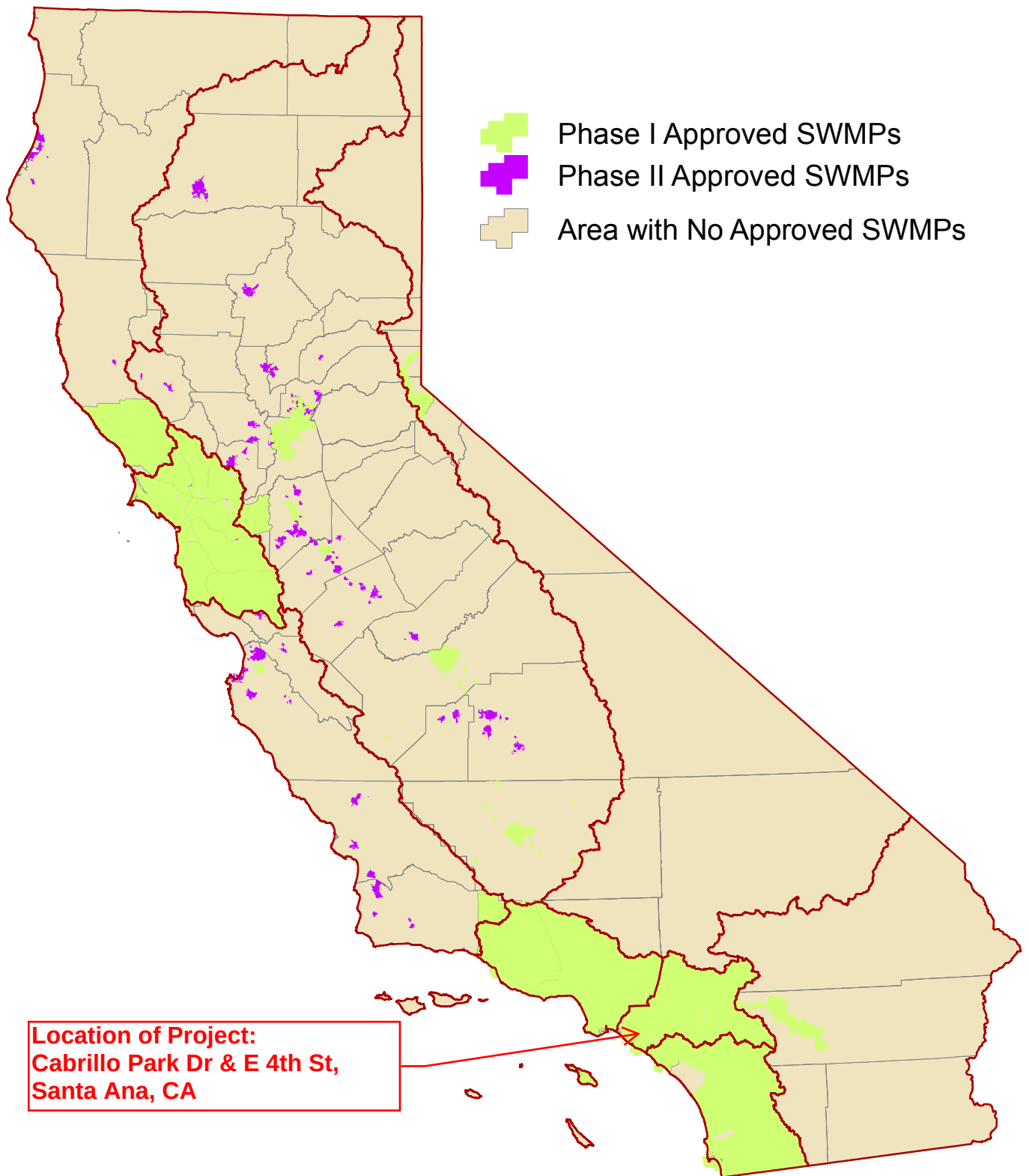
GIS files can be downloaded from:
<ftp://swrcb2a.waterboards.ca.gov/pub/swrcb/dwq/cgp/>



0 25 50 100 Miles

Data Source: State Water Resources Control Board

Areas with Approved Storm Water Management Plans



* Boundaries may not precisely depict Phase I and Phase II areas.
For questions or concerns contact the local Regional Water Quality Control Board.



State and Regional Water Resources Control Board Contacts

NORTH COAST REGION (1)

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(707) 576-2220 FAX: (707) 523-0135

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Oakland, CA 94612
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CENTRAL COAST REGION (3)

895 Aerovista Place, Ste 101
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VICTORVILLE OFFICE (6V)

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