



Water and Wastewater Climate Change Adaptation and Resiliency

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Sanitation Districts of Los Angeles County

*Collect and treat sewage
from 5.6 million people*

GOVERNANCE

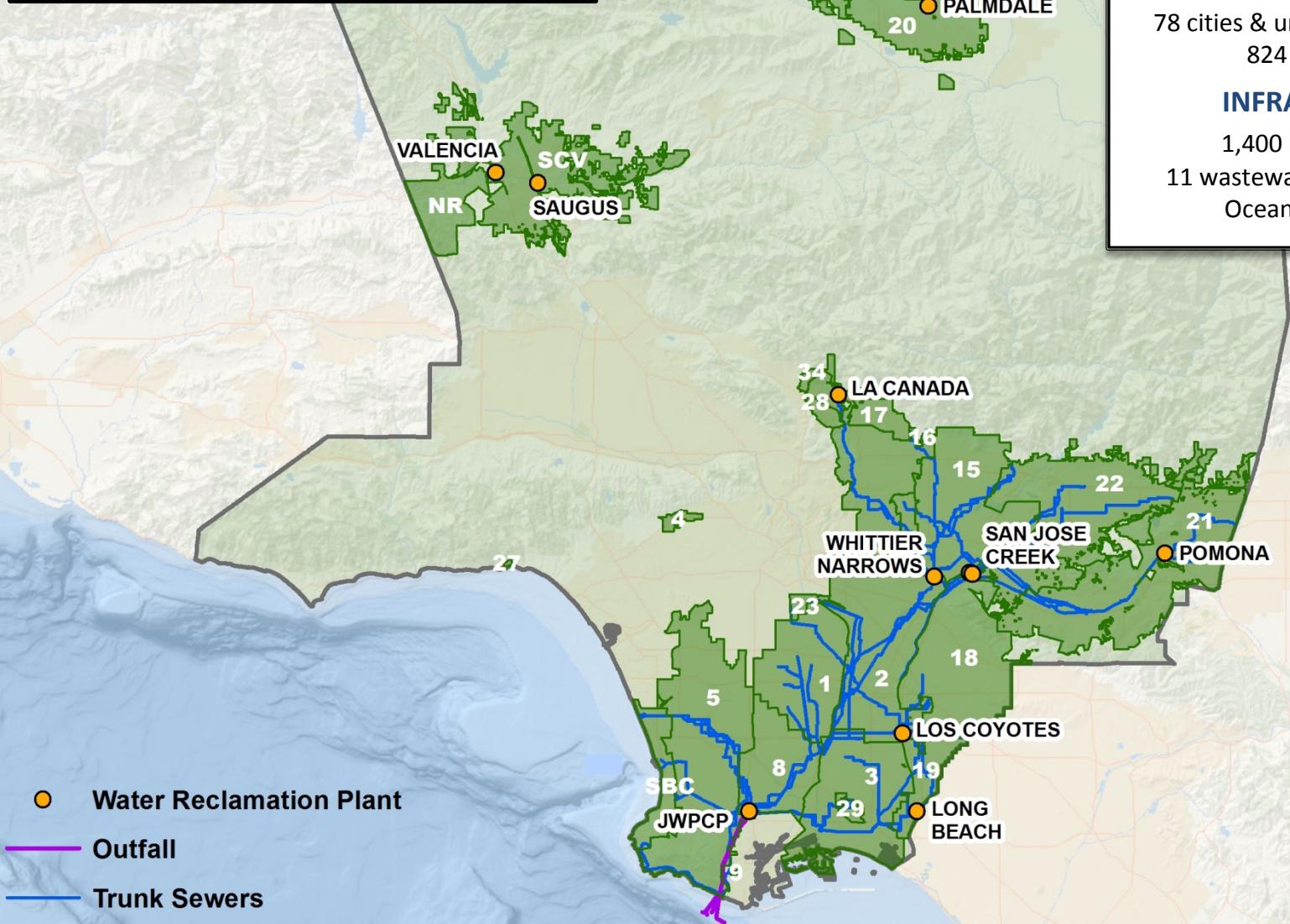
24 special districts with one staff

SERVICE AREA

78 cities & unincorporated county
824 square miles

INFRASTRUCTURE

1,400 miles of sewers
11 wastewater treatment plants
Ocean outfall system



● Water Reclamation Plant

— Outfall

— Trunk Sewers



Climate Change Impacts Woosley Fire





Impacts to Agency

- Direct Impacts
 - Storms
 - Drought
 - Wildfires
 - Sea Level Rise
- Indirect Impacts
 - Lower Wastewater flows
 - Ocean Chemistry
 - Fossil Fuel and GHG Regulations

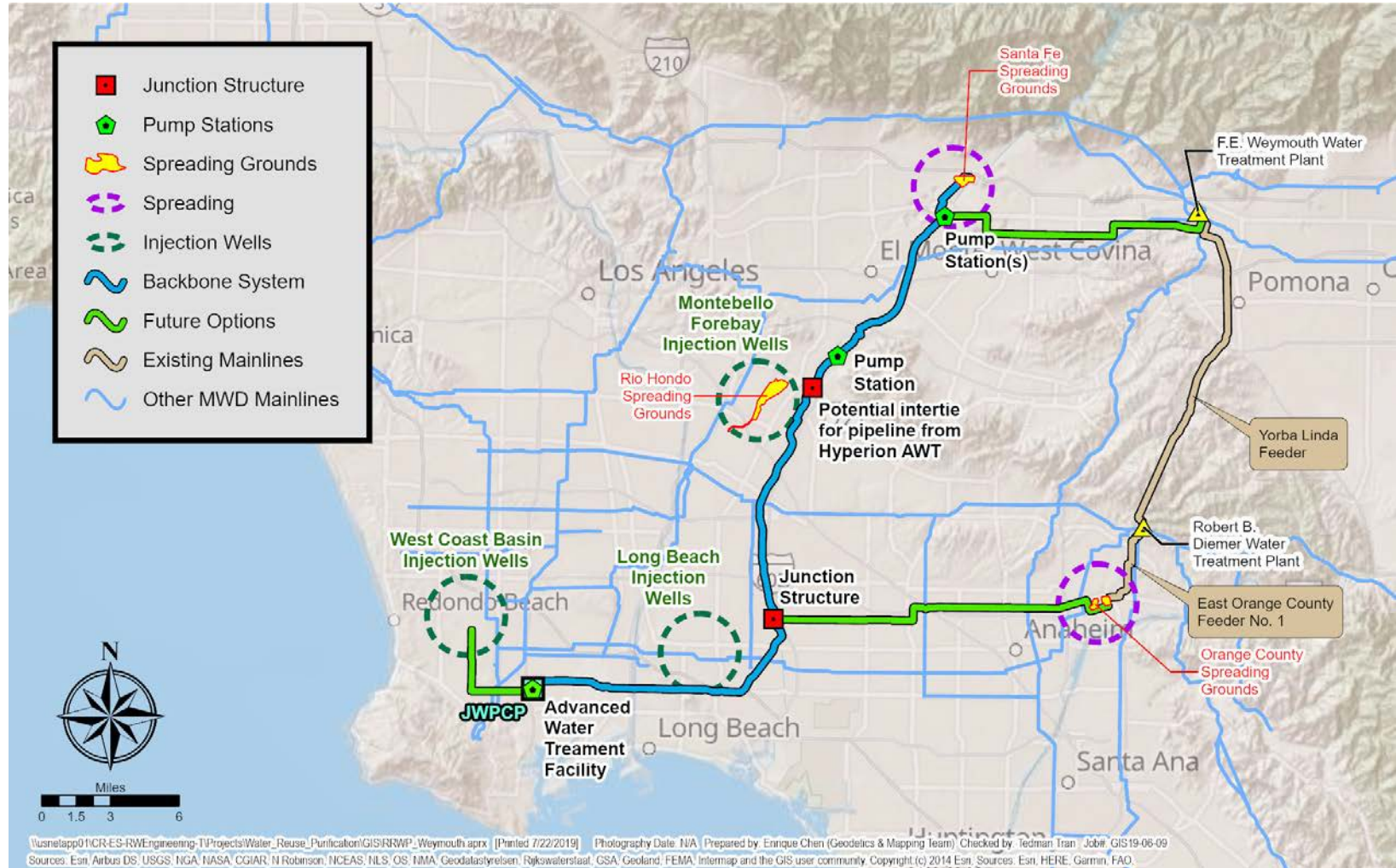


Response to Impacts

- Monitor weather and localized flooding
- Construction projects must include measures to manage rain year round
- Need to respond in fire/smoky environment – training and equipment
- Transition away from fossil fuels
- Modify plants to handle more concentrated flows and remove nutrients



Mitigation - New Water Sources





Mitigating GHG

Food Waste Processing and Digestion





Capturing Stormwater Carriage Crest

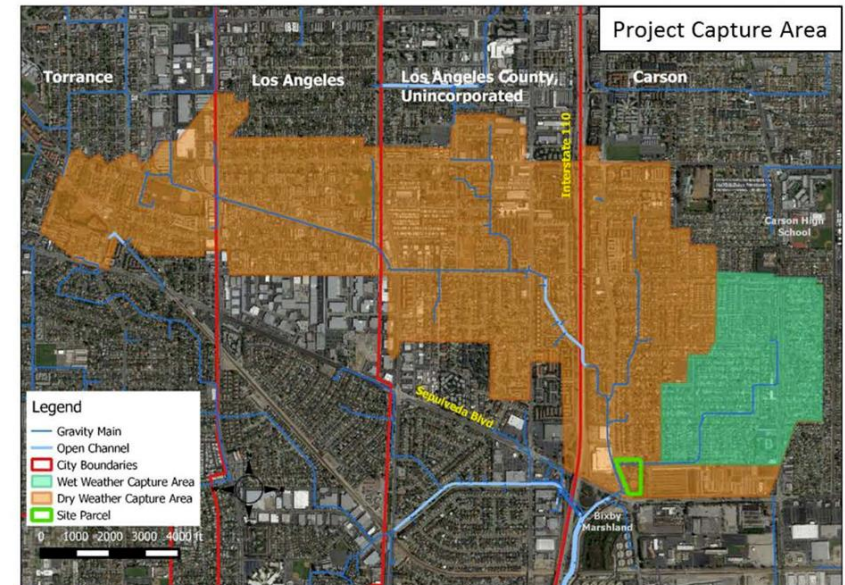
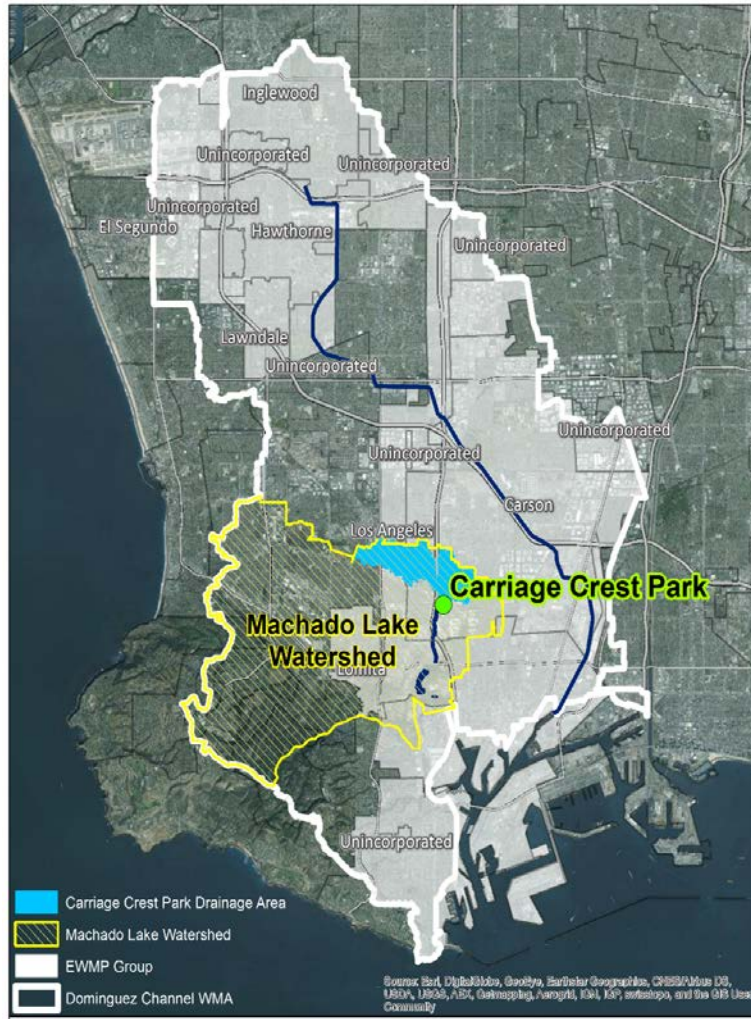


Figure 3-2. Carriage Crest park site parcel and capture areas.

- Two diversions
- City of Carson Requested Assistance from the Sanitation Districts



SANITATION DISTRICTS OF LOS ANGELES COUNTY

Questions?

