

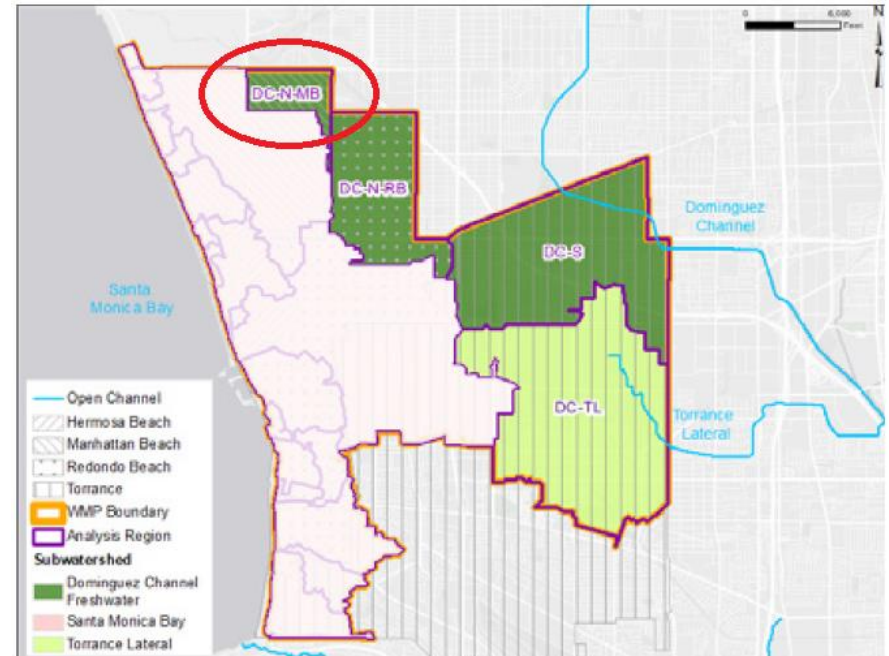
Dominguez Channel Stormwater Infiltration Project

May 21, 2024



Dominguez Channel Obligations

- City Contributes to Two Watersheds
 - Santa Monica Bay (86%)
 - Dominguez Channel (14%)
- Channel is East of MB
- Runs from Hawthorne through Gardena, Torrance, Carson, and Wilmington.
- Empties into San Pedro Bay



Background

2012

- NPDES Permit establishing MS4 discharges within LA County coastal watersheds

2016

- Beach Cities WMG's Enhance Watershed Management Program (EWMP) is approved

2021

- Updated EWMP approved by City Council

2023

- Limited Geotechnical Investigation & Infiltration Evaluation and Desktop Review Performed

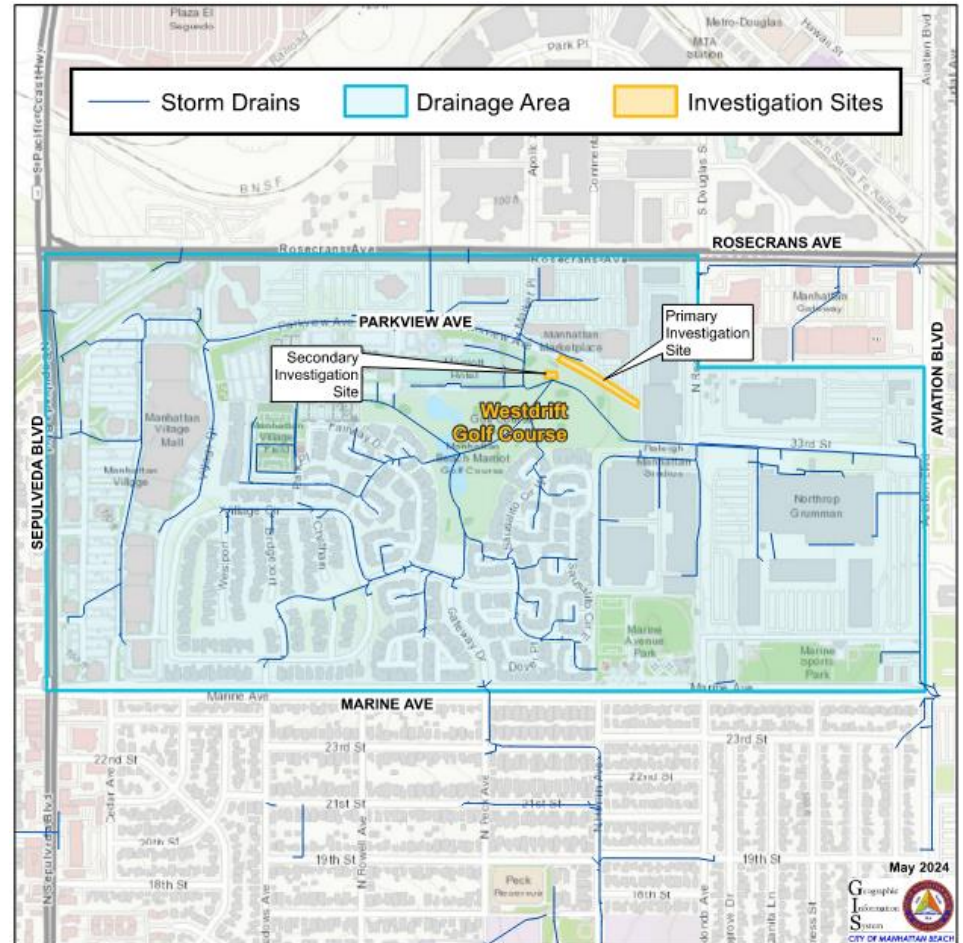
2024

- RFP for Feasibility Study issued



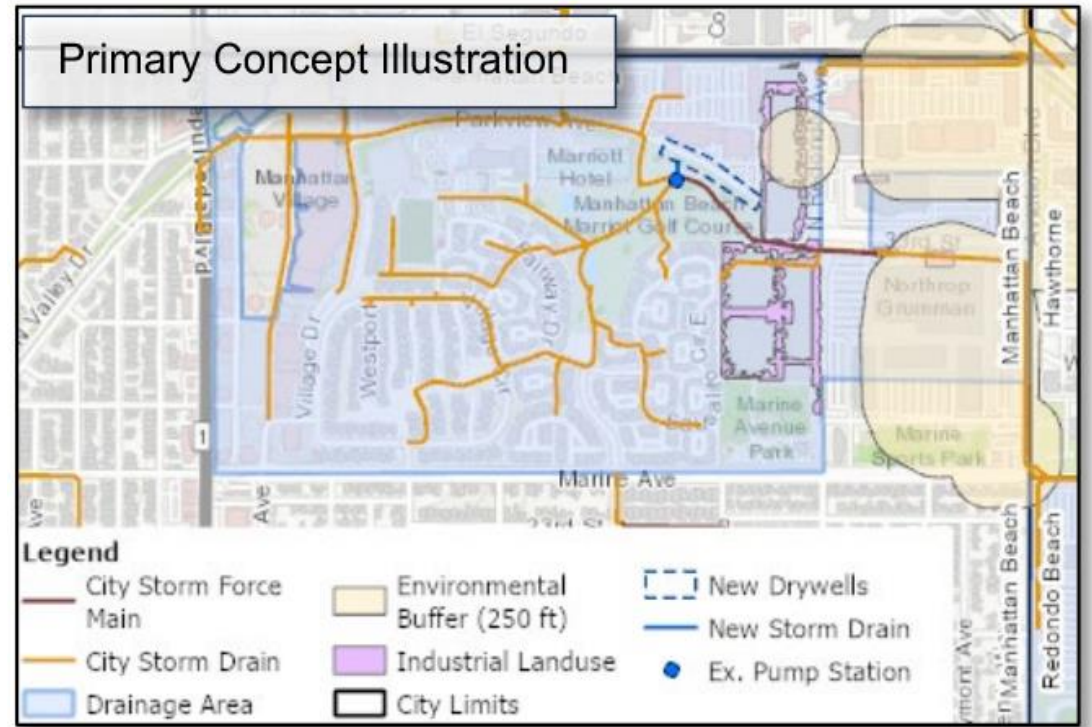
Dominguez Channel Stormwater Infiltration Project

- Capture and Infiltrate Stormwater
- 255-acre Mixed-Use Area Within North-East Manhattan Beach



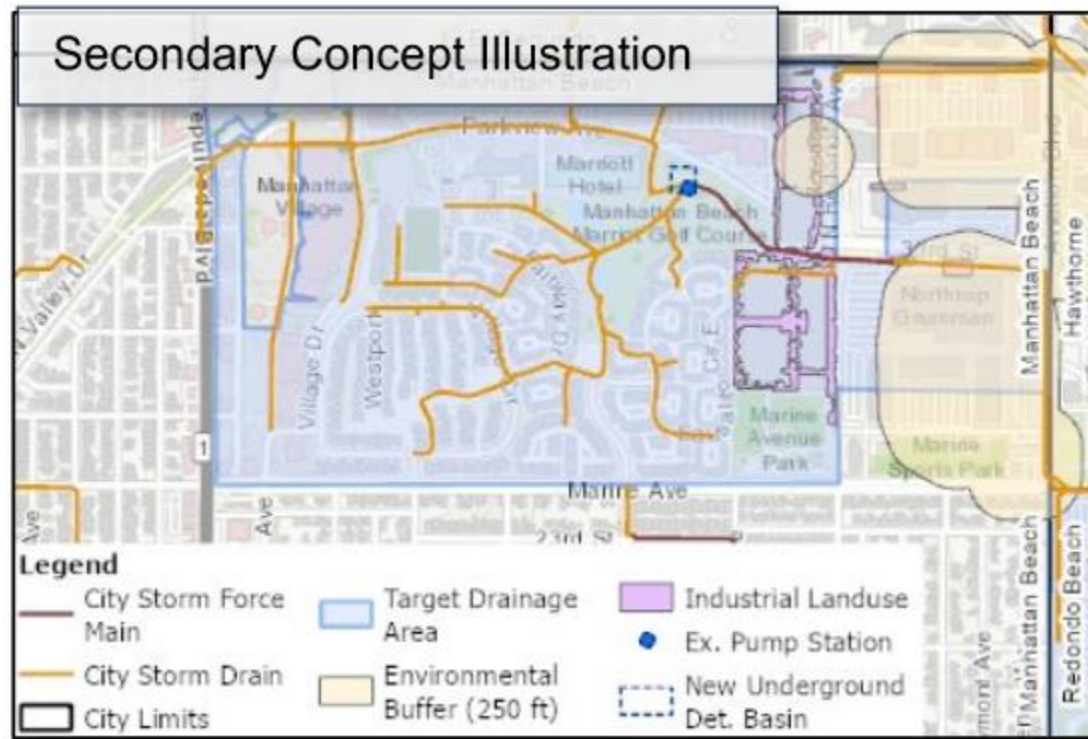
Feasibility Study RFP Results

- 2 Proposals
- Geosyntech Consultants, Inc. selected for their Infiltration Drywells Along Parkview Avenue Project Concept



Secondary Concept

If infiltration is not feasible, Underground Detention Basin in the Westdrift Golf Course



Next Steps

- Feasibility Study duration - June 2024 through April 2026
- Project Design - April 2026 through December 2026
- Project Bidding - December 2026 through March 2027
- Project Construction - Spring 2027



Staff Recommendations

- Adopt Resolution No. 24-0042:
 - Approve a Professional Design Services Agreement to Geosyntec Consultants, Inc. for Manhattan Beach Dominguez Channel Stormwater Infiltration Project - \$299,869
 - Authorize the City Manager and/or his or her designee to execute agreement
- Approve a reappropriation from the Annual Storm Drain Capital BMP Project within the Storm Drain Fund - \$300,000



