

April 5, 2005

Honorable Mayor and Members of
the Hermosa Beach City Council

Regular Meeting of
April 12, 2005

TELEMETRY SYSTEM FOR EXISTING SEA-WATER BARRIER INJECTION WELLS

Recommendation:

It is recommended that the City Council receive and file project update regarding the Los Angeles County West Coast Basin Barrier Project – Telemetry System.

Summary:

The Los Angeles County Water Resources Department proposes to install a telemetry system to provide data monitoring of the existing seawater barrier injection wells system. This will provide information regarding ground water levels and water injection rates to better manage and control the system. The project will connect all of the wells throughout Redondo Beach, Hermosa Beach and Manhattan Beach. Conduit will be installed within the public right-of-way from Redondo Beach heading north along Prospect Drive to west on 9th Street; then north on Ocean Avenue to west on 15th Street; then north on PCH to west on 16th Street; then north along the Greenbelt continuing into Manhattan Beach.

The system requires three aboveground electrical cabinets (45" H x 33"W x 20"D) to be installed in Hermosa Beach. These cabinets have been carefully located to minimize concerns from the residents (see attached photos). One cabinet is located in the parkway grass area on the west side of Prospect Avenue, approximately 50-feet north of 3rd Street. Another is located on the west side of Ocean Avenue approximately 50-feet south of Aviation Boulevard, adjacent to a commercial building. The last one is located within the Greenbelt in the County's access ramp across from Valley Drive at 21st Street. Chapter 17.32 (O-S-1 Restricted Open Space) of the City's Municipal Code specifically permits the installation of a structure in the Greenbelt "relating to anti-seawater intrusion wells".

This project is presently out to bid and scheduled for construction this spring. Notification to all affected residents will be required prior to construction.

Attachment: Photos of proposed cabinet locations

Respectfully submitted,

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Richard D. Morgan, P.E.
Director of Public Works/City Engineer

Noted for fiscal impact:

Concur:

Viki Copeland
Finance Director

Stephen R. Burrell
City Manager



Proposed location on Greenbelt in paved area at 21st Street*



Southwest corner of Ocean Avenue at Aviation Boulevard*



West side of Prospect Avenue just north of 3rd Street*

*Tripod indicates approximate location of proposed pedestals.