

## CALIFORNIA COASTAL COMMISSION

SAN DIEGO AREA  
 7575 METROPOLITAN DRIVE, SUITE 103  
 SAN DIEGO, CA 92108-4421  
 (619) 767-2370



# Wed 3a

Filed: 3/10/2005  
 49th Day: 4/28/2005  
 180th Day: 9/6/2005  
 Staff: GDC-SD  
 Staff Report: 5/19/2005  
 Hearing Date: 6/7-10/2005

## STAFF REPORT: CONSENT CALENDAR

Application No.: 6-05-022

RECORD PACKET COPY

Applicant: San Elijo Joint Powers Authority

Description: Repair and maintain existing sewage outfall pipe including import of approximately 2,850 cu. yds. of rock to reballast approximately 1,650 lineal feet of outfall pipe in two locations (approximately 1,000 ft. and approximately 6,700 ft. offshore), removal of 19 port covers from the diffuser pipe and cleaning of all 200 ports along the diffuser pipe.

Site: San Elijo Ocean Outfall, west of North Cardiff State Beach, Cardiff, Encinitas, San Diego County.

Substantive File Documents: CDP Nos. 6-86-456, 6-90-233, 6-92-78, 6-93-140 and 6-95-148.

Standard of Review: Chapter 3 policies of the Coastal Act are the standard of review because all work will occur offshore within the Commission's original jurisdiction.

### I. STAFF RECOMMENDATION:

The staff recommends the Commission adopt the following resolution:

**MOTION:** *I move that the Commission approve the coastal development permit applications included on the consent calendar in accordance with the staff recommendations.*

### STAFF RECOMMENDATION TO ADOPT CONSENT CALENDAR:

Staff recommends a YES vote. Passage of this motion will result in approval of all the permits included on the consent calendar. The motion passes only by affirmative vote of a majority of the Commissioners present.

## II. Standard Conditions.

See attached page.

## III. Special Conditions.

The permit is subject to the following conditions:

1. Other Permits. PRIOR TO COMMENCEMENT OF CONSTRUCTION, the permittee shall provide to the Executive Director copies of all other required local, state or federal discretionary permits for the development authorized by CDP #6-05-22. The applicant shall inform the Executive Director of any changes to the project required by other local, state or federal agencies. Such changes shall not be incorporated into the project until the applicant obtains a Commission amendment to this permit, unless the Executive Director determines that no amendment is legally required.

## IV. Findings and Declarations.

The Commission finds and declares as follows:

**A. Detailed Project Description/History.** The proposed project involves the placement of approximately 2,850 cu. yds. of reballasting rock on two sections of an existing sewer outfall pipe that extends approximately 1 ½ mile offshore of Cardiff State Beach, removal of 19 port covers from the diffuser pipe and cleaning of all 200 ports along the diffuser pipe. The reballasting rock will be placed in two locations along the pipe at approximately 1,000 ft. from shore and at approximately 6,700 ft. from shore. A recent inspection of the outfall pipe indicates that the rock ballast at these locations no longer provides adequate protection/ballast for the pipe. All of the proposed work will occur from an anchored barge and the rock will be loaded from a quarry on Catalina. As a result, no construction activity or storage of equipment will occur on the beach and no impacts to public access will occur. The closest kelp beds are located over 1,000 ft. north and south of the outfall line such that no impacts to the kelp will occur.

The existing outfall was originally constructed in 1964 utilizing a 30-inch reinforced concrete pipe and extending approximately 4,000 lineal ft. into the Pacific Ocean. In 1974, the outfall was extended an additional 4,000 lineal ft. with 48-inch pipe. Both sections of the pipeline were buried and covered with ballast rock to provide support, protection and buoyancy compensation for the pipe. In 1986, the Commission approved a permit for the placement of additional rock ballast approximately 1,000 ft. to 3,000 ft. offshore (ref. CDP #6-86-456). In 1990, an emergency permit was issued, and the required follow-up regular permit was approved by the Commission, for the installation of a tie-down system to secure a section of the pipeline (ref. CDP 6-90-233-G). In 1993, the Commission approved the reballasting of approximately 2,300 lineal ft. of outfall pipe from approximately 3,200 ft. to approximately 5,500 ft. offshore (ref. CDP 6-93-140). Finally, in 1995 the Commission approved reballasting approximately 270 lineal ft. of pipe at approximately 970 ft. from shore.

The project will incorporate the use of Best Management Practices to minimize impacts and the rock will be dropped from no higher than 4 ft. above its delivery location to minimize turbidity.

Since other agencies will be issuing permits associated with subject project, Special Condition No. 1 has been attached which requires the applicant to submit copies all other state or federal permits to assure that no revisions to the project occur without Executive Director review or amendment to the subject permit.

Although the proposed development will occur off the coast of the City of Encinitas, which has certified LCP, the project is located within the Commission's original jurisdiction. As such, Chapter 3 policies of the Coastal Act are the standard of review.

**B. Biological Resources.** Coastal Act policies 30233, 30240 and 30251 limit fill of open coastal waters and restrict the alteration of natural landforms and protect sensitive habitats. In this case, the fill is a permitted use as an incidental public service. Section 30231 of the Coastal Act requires that coastal waters are protected and runoff minimized.

The proposed development has been designed so as to not have an adverse impact on any sensitive habitat and will not result adverse impacts to water quality, as adequate turbidity control measures will be provided and no adverse impacts will occur to kelp or other marine habitat. Thus, the project is consistent with the resource protection policies of Chapter 3 of the Coastal Act.

**D. Public Access.** Since the project is located at least 1,000 ft. offshore and beyond the surf zone, the proposed development will not have an adverse impact on public access to the coast or to nearby recreational facilities. As conditioned, the proposed development conforms to Sections 30210 through 30214, Sections 30220 through 30224, Section 30252 and Section 30604(c) of the Coastal Act.

**E. Local Coastal Program.** The City of Encinitas has a certified LCP, however the subject project is located in the Pacific Ocean within the Commission's original jurisdiction. Thus, the Coastal Commission retains permit jurisdiction in this area and Chapter 3 of the Coastal Act remains the legal standard of review. As conditioned, the proposed development is consistent with Chapter 3 of the Coastal Act. Approval of the project, as conditioned, will not prejudice the ability of the City of Encinitas to prepare a Local Coastal Program that is in conformity with the provisions of Chapter 3.

**F. California Environmental Quality Act.** As conditioned, there are no feasible alternatives or feasible mitigation measures available which available which would substantially lessen any significant adverse effect which the activity may have on the environment. Therefore, the Commission finds that the proposed project, as conditioned to mitigate the identified impacts, is the least environmentally damaging feasible alternative and is consistent with the requirements of the Coastal Act to conform to CEQA.

**STANDARD CONDITIONS:**

1. Notice of Receipt and Acknowledgment. The permit is not valid and development shall not commence until a copy of the permit, signed by the permittee or authorized agent, acknowledging receipt of the permit and acceptance of the terms and conditions, is returned to the Commission office.
2. Expiration. If development has not commenced, the permit will expire two years from the date on which the Commission voted on the application. Development shall be pursued in a diligent manner and completed in a reasonable period of time. Application for extension of the permit must be made prior to the expiration date.
3. Interpretation. Any questions of intent or interpretation of any condition will be resolved by the Executive Director or the Commission.
4. Assignment. The permit may be assigned to any qualified person, provided assignee files with the Commission an affidavit accepting all terms and conditions of the permit.
5. Terms and Conditions Run with the Land. These terms and conditions shall be perpetual, and it is the intention of the Commission and the permittee to bind all future owners and possessors of the subject property to the terms and conditions.

OUTFALL AND DIFFUSER

Cardiff-by-the-Sea  
(Cardiff)

SAN ELIJO RECLAMATION PLANT

MANCHESTER LAGOON

Solana Beach

SOLANA BEACH COUNTY PARK

Solana Beach


Kennedy/Jenks Consultants

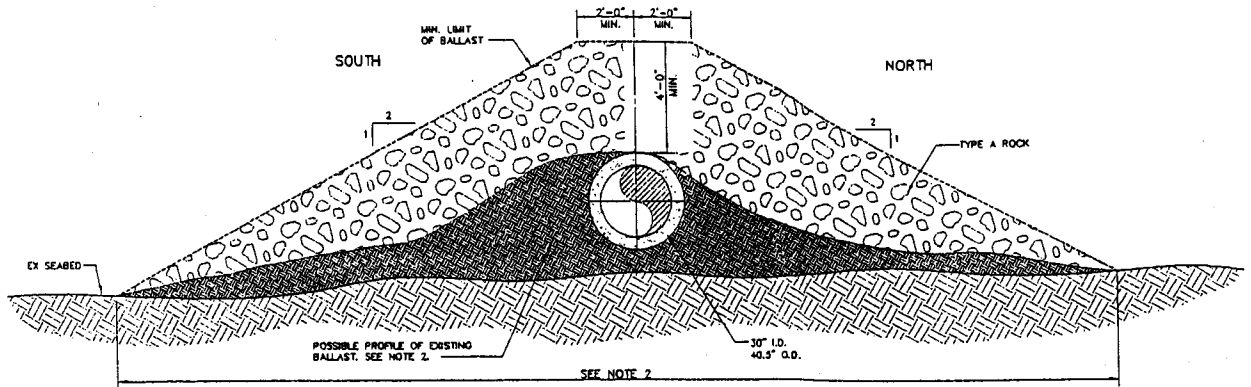
Ocean Outfall ReBallist Project  
Cardiff, California

Location Map

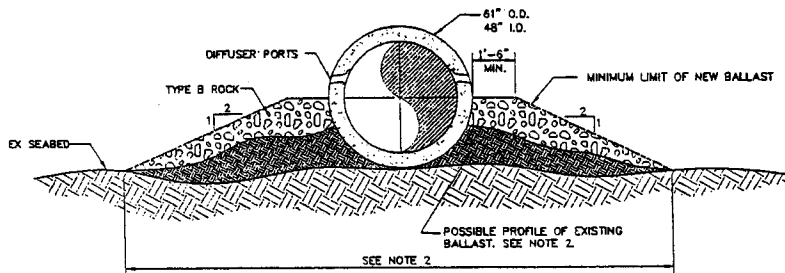
February 2005  
K/J 034626.01  
Figure 2

SCALE: 1"=2000'

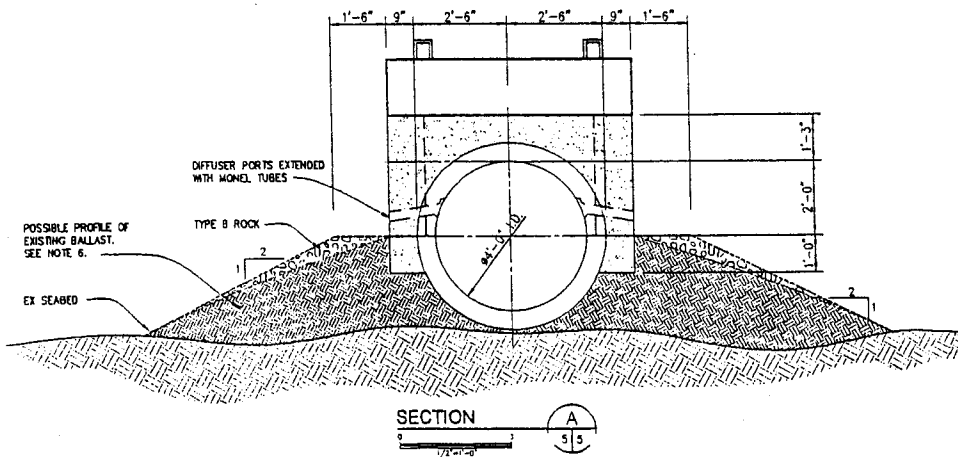
 California Coastal Commission	EXHIBIT NO. 1
	APPLICATION NO. 6-05-22
	Location Map



STATION 9+96 TO 14+41  
INSHORE REBALLAST TYPICAL SECTION



STA 68+28.15 TO 80+15  
DIFFUSER REBALLAST TYPICAL SECTION



**NOTES:**

1. LIMITS SHOWN FOR EXISTING BALLASTS ARE APPROXIMATE AND VARY ALONG THE ALIGNMENT.
2. THE OCEAN BOTTOM AND EXISTING BALLAST HAVE BEEN SHOWN ON TYPICAL SECTIONS TO INDICATE HOW THE BALLAST ROCK IS TO BE PLACED AND IS NOT INTENDED TO REPRESENT ACTUAL SECTIONS AT ANY PARTICULAR STATION. DIMENSIONS VARY AS REQUIRED FOR BALLAST TO INTERSECT OCEAN BOTTOM.
3. ROCK TYPES ARE DEFINED IN THE SPECIFICATIONS.
4. ROCK BALLAST SLOPES SHOWN (2:1) ARE THE STEEPEST ALLOWABLE AND ARE TYPICAL ON BOTH SIDES OF PIPE.
5. THE BALLAST ROCK SHALL NOT BLOCK DIFFUSER PORTS ON DIFFUSER SECTION. SHOULD ROCK FALL SUCH THAT IT COVERS DIFFUSER PORTS, CONTRACTOR IS RESPONSIBLE FOR REPOSITIONING ROCK TO UNCOVER PORTS.
6. CONTRACTOR IS EXPECTED TO RAISE BALLAST TO THE MINIMUM PROFILES SHOWN. CONTRACTOR IS RESPONSIBLE FOR OVER-RUN, UNDER-RUN, WASTE, SCATTER, OCEAN CURRENTS, AND OTHER INCIDENTS AFFECTING THE QUANTITY OF ROCK REQUIRED TO SATISFY THE PLACEMENT LIMITS SHOWN.
7. APPROXIMATE EXISTING BALLAST LEVEL SHOWN FOR END STRUCTURE IS FROM THE OUTFALL INSPECTION PERFORMED IN AUGUST 2003 BY THALES. CONTRACTOR SHALL RESTORE BALLAST TO THE LEVEL INDICATED.
8. WHERE THE PIPE PROTRUDES FROM THE END STRUCTURE ON THE DOWNSTREAM SIDE, IT IS OPEN TO THE OCEAN AND NOT BLIND FLANGED OR OTHERWISE COVERED. CONTRACTOR SHALL NOT CAUSE ADDITIONAL ROCK TO ACCUMULATE IN THE OPEN PIPE. (SEE SECTION C)
9. FOR THE TWO DIFFUSER PORTS LOCATED IN THE END STRUCTURE, DEBRIS AND BIOFOULING SHALL BE CLEARED FROM THE PORTS AND FROM AN 18-INCH DIAMETER REGION AROUND THE PORTS. IF EXISTING OR NEW BALLAST ROCK COVERS PORTS, IT SHALL BE RELOCATED SO THAT AN 18-INCH REGION ON EACH SIDE OF EACH PORT IS CLEAR OF ROCK.

DESIGNED MCD DRAWN FNE CHECKED HLH	SAN ELIJO JOINT POWERS AUTHORITY SAN DIEGO COUNTY, CALIFORNIA OCEAN OUTFALL REBALLAST PROJECT
	Kennedy/Jenks Consultants <small>1000 AVENUE OF THE STARS, SUITE 1000, FALLS CHURCH, VA 22044</small>
	Patrick T. Huston RCE 54225

REBALLAST  
CROSS-SECT

EXHIBIT NO. 2  
APPLICATION NO.  
6-05-22

Re-ballasting  
Cross-sections