

MINUTE ITEM

This Calendar Item No. 21
was approved as Minute Item
No. 21 by the State Lands
Commission by a vote of 3
to 0 at its 7/26/77
meeting.

CALENDAR ITEM

21.

7/77
PRC 5068.9
DAG

EXTENSION OF DREDGING PERMIT

APPLICANT: Antone Dowrelia
(Dowrelia Boat Works)
Port Street
Crockett, California 94525

RESUME OF PREVIOUS ACTION:

A permit for Dowrelia Boat Works to perform dredging of 30,000 cubic yards for a royalty of \$0.10 per cubic yard on five acres of tide and submerged land in Carquinez Strait at Crockett, Contra Costa County, was authorized by the State Lands Commission on October 29, 1975. Subsequently the Commission modified the royalty requirement from \$0.10 per cubic yard to no royalty, the consideration being the public benefit derived from the results of the experimental subaqueous diffusion of spoils if the tests were successful. The permit was authorized to be effective through December 31, 1976. Due to economic hardships the project was never completed.

On May 10, 1977, the State Lands Division received a request for an extension of the term of the permit from Mr. Dowrelia's representative, Harding Lawsons and Associates.

PROPOSED EXTENSION:

1. Extend the effective date of State Dredging Permit PRC 5068.9 from December 1, 1976 through June 30, 1978.
2. Consideration to be the public benefit at no royalty.
3. All other conditions and requirements of Dredging Permit PRC 5068.9 are to remain in full effect.

OTHER PERTINENT DATA:

1. In August, 1974, the applicant, cooperating with the Marine Affairs and Navigation Conference Dredging Committee, the Dredging Contractors Association and the Corps of Engineers presented a request for approval to the California Regional Water Quality Control Board to undertake the dredging project using a subaqueous spoils discharge

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CALENDAR ITEM NO. 21. (CONTD)

procedure. Considerable information is available on current dredging and spoiling techniques; however, no data has been documented on the environmental effects from dredging with subaqueous dispersal of spoils. The Committee's purpose would be to study the relative comparison of the impacts between the concentrated surface discharge of spoils and the proposed subaqueous dispersal of slurred spoils.

The proposed disposal technique, while causing relatively high localized turbidity, will minimize smothering in the disposal area when discharge occurs in currents with significant velocity.

In the proposed project, approximately 30,000 cubic yards of material would be dredged from Dowrelio's Marina using a small cutterhead suction dredge. The spoils from the dredging would be pumped through a discharge line to a point downstream from the marina (in Carquinez Strait) to a slotter diffuser section of pipe. The diffuser would be held perpendicular to the prevailing current at that point by use of anchors. This will promote maximum dispersion of spoils.

It is proposed to operate the dredge six or seven eight-hour days per week. At a dredging rate of 150 cubic yards per hour (1,200 cubic yards per day) the project would require approximately 30 days of dredging including downtime.

The Department of Fish and Game, Regional Water Quality Control Board, and the State Lands Division will monitor and evaluate all significant effects from both the dredging and the discharge through the diffuser section during and after the project. Conclusions then could be drawn to evaluate the project with respect to the environmental impacts of the technique.

2. The extension of time to complete the proposed project has been granted by the U.S. Army Corps of Engineers. A letter of non-objection has been issued by the Department of Fish and Game and the California Water Resources Control Board has issued a certificate of conformance (No. 75-39). The extension of the term of the Bay Conservation

CALENDAR ITEM NO. 21. (CONTD)

and Development Commission Permit (No. M75-1) is pending the State Lands Commission permit extension approval.

EXHIBITS: A. Dredge Area Description. B. Location Map.

IT IS RECOMMENDED THAT THE COMMISSION:

1. DETERMINE THAT AN ENVIRONMENTAL IMPACT REPORT HAS NOT BEEN PREPARED FOR THIS ACTIVITY AS THE WORK IS MAINTENANCE DREDGING AND SUCH REPORT IS NOT REQUIRED UNDER THE PROVISIONS OF 2 CAL. ADM. CODE SECTION 2907.
2. AUTHORIZE THE EXTENSION OF DREDGING PERMIT PRC 5068.9 TO DREDGE 30,000 CUBIC YARDS OF MATERIAL FROM A FIVE-ACRE TIDE AND SUBMERGED LANDS IN CARQUINEZ STRAIT AT CROCKETT, CONTRA COSTA COUNTY, SUCH AREA BEING DESCRIBED IN EXHIBIT "A" ATTACHED AND BY REFERENCE MADE A PART HEREOF; AT NO ROYALTY, AND TO SPOIL SUCH DREDGE MATERIAL BY SUBAQUEOUS DISPERSAL IN THE CARQUINEZ STRAIT DOWNSTREAM FROM THE DREDGE AREA; EFFECTIVE JANUARY 1, 1977 TO JUNE 30, 1978. SUCH PERMISSION TO BE CONDITIONAL TO THE REQUIREMENTS CONTAINED IN SAN FRANCISCO BAY CONSERVATION AND DEVELOPMENT COMMISSION PERMIT NO. M75-1, STATE WATER RESOURCES CONTROL BOARD CERTIFICATE OF CONFORMANCE, NO. 75-39, AND TO THE ISSUANCE AND REQUIREMENTS THEREIN OF A PERMIT FROM THE U.S. ARMY CORPS OF ENGINEERS, AND ANY OTHER PERMITS, REQUIREMENTS OR LIMITATIONS AS SET OR AS MAY BE SET BY STATE, FEDERAL OR LOCAL GOVERNMENT.

Attachment: Exhibit "A"

EXHIBIT "A"

PRC 5068.9

COMMENCING at a monument formerly set and marked by the California and Hawaiian Sugar Refining Corporation, Limited as Number 258, but since adopted by the United States Army Engineers as their Harbor Line Monument Number 33, and so marked by them on a brass plate set in the concrete filling of a six-inch pipe, and shown on that certain map entitled "Harbor Lines for Carquinez Strait, California", dated June 10, 1924, and marked File 4, Div. 4, Sheet 6, which said Harbor Line Monument and point of commencement is located 455.28 feet north and 254.71 feet east of the corner common to Sections 31 and 32, T 3 N, R 3 W, Sections 5 and 6, T 2 N, R 3 W, MDM, said corner common to said Sections 31, 32, 5 and 6, being marked by point in a bronze plate set in the top of a concrete pile approximately 10 feet high resting on piles driven in the earth, and running thence N 93° 15' 30" W 255.96 feet to a point; thence due N 145.66 feet to a point on the United States Bulkhead Line of 1888; thence N 89° 03' 15" W along the said United States Bulkhead line of 1888, 536.35 feet to the actual point of beginning of this description which point of beginning is 617.44 feet north and 536.28 feet west of the aforesaid Section Corner common to Sections 31 and 32 -- and Sections 5 and 6 and which point of beginning is also the beginning of that certain Tide Land lease from the State of California to the Matson Navigation Company dated February 20, 1937; and running thence due North 462.81 feet to a point in the waters of Carquinez Strait located on the United States Bulkhead line as shown on the aforesaid map entitled "Harbor Lines for Carquinez Strait, California"; thence N 87° 07' 22" West along the said United States Bulkhead Line 460.80 feet; thence due south 478.35 feet to a point in the aforesaid United States Bulkhead Line of 1888; thence S 89° 03' 15" East along the said Bulkhead Line of 1888, 460.29 feet more or less to the point of beginning, and containing 4.97 acres of land more or less.

END OF DESCRIPTION