

MEMORANDUM  
Department of Ecology  
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TO: Nelson Graham

DATE: October 4, 1971

FROM: Ron Devitt

SUBJECT: Long Beach Lagoon Discharge and  
Receiving Water and Ground Water

On September 7, 1971, I took samples at various locations in Long Beach. The next day samples were obtained from the sewage lagoon and various sumps used by Cranberry Growers to irrigate their berry bogs.

The stations were defined as follows:

Station No. 1 - west end of 10th Street North through brush to bog

Station No. 2 - west of two drainages on Pioneer Road (between Sand Ridge Road and Pacific)

Station No. 3 - On Sand Ridge Road

Station No. 4 - Off of Olson Road, 100 yards east of Long Beach substation

Lagoon Effluent - As effluent entered chlorine chamber except for coliform samples which were taken after chlorination

Control - Drainage at the intersection of Second Blvd North

Because of the low water table, there was no visible flow at Stations 1, 2, and Control. The depth prevented obtaining a good sample for nutrients. The samples showed no effect of the effluent discharge.

On September 8, 1971, I sampled the irrigation sumps of Mr. Norm Brateng and Clarence Hadley and the state sump on Pioneer Road.

Data are attached.

Because of the inaccessibility of the influent, no good sample could be obtained. The results recorded for the effluent are also attached.

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