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MCAS EL TORO  
SSIC # 5090.3

GEORGE DEUKMEJIAN, Governor

STATE OF CALIFORNIA—HEALTH AND WELFARE AGENCY

DEPARTMENT OF HEALTH SERVICES

PUBLIC WATER SUPPLY BRANCH

SANTA ANA DISTRICT

28 CIVIC CENTER PLAZA, ROOM 275

SANTA ANA, CA 92701

(714) 558-4410

1811A7  


June 12, 1989

Irvine Ranch Water District  
Attention: Mr. Ronald E. Young  
General Manager  
P.O. Box D-1  
Irvine, CA 92716

Gentlemen:

PROPOSED RECONNECTION OF IRWD 10-INCH EL TORO RECLAIMED LINE  
(USMC REFERENCE: 6280 1JG)

Per the June 9, 1989 letter from the United States Marine Corps El Toro Air Station to the Public Water Supply Branch (District was copied), a proposal has been made to reconnect the District's dormant 10-inch reclaimed water line thru use of a spool in order to accommodate the discharge of treated well water from an interim trichloroethylene (TCE) removal project. Staff from both this office and the District's field operations unit have examined and discussed this proposal.

It is our understanding that the District's domestic water supply is protected by a reduced pressure principle backflow device (RP) where the domestic water line is connected to the 10-inch line, and by a double check valve assembly (DC) at each of the four service connections to the El Toro Marine facility. In view of this protection, the use of a DC in lieu of an air-gap (AG) for protection at the four service connections per Title 17, Regulations Relating to Cross-Connections, Section 7604, Table 1, (b)(1) is approved by this Department for the proposed project subject to the following conditions.

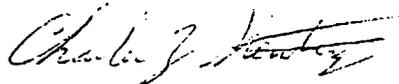
1. No reclaimed water shall be introduced into the 10-inch line until the domestic water line is permanently disconnected (i.e., removal of the spool connection and risers, and blind flanging of the live portion to below ground). The District shall understand that this condition is not solely confined to this proposed project but applies to any future use of reclaimed water involving this line.

Irvine Ranch Water District  
June 12, 1989  
Page 2

2. The District shall conduct an evaluation of the appropriateness of current meter protection (i.e., DC) at the four services to the El Toro Marine facility in view of Title 17, Section 7604, Table 1, (a)(3) and (4).

Please contact this office if you have any questions.

Sincerely,



for Franklin T. Hamamura, P.E.  
District Engineer

cc: ~~Michael Rehor, LTJG, Marine Corps Air Station, El Toro~~  
Carl Ballard, Irvine Ranch Water District  
Rick Wilson, James M. Montgomery Consulting Engineers  
Michael Wehner, Orange County Public Health