
1996 CPEO Military List Archive

From: Don Zweifel <zweifel@nexus.chapman.edu>
Date: 01 Jan 1996 18:13:29
Reply: [cpeo-military](#)
Subject: Documentation of significant well contaminationMCASEIToro,CA.

To all interested parties:

Statistical data obtained from the following document:

MCAS El Toro, Ca. IRP/Installation Restoration Program
 RI/FS Remedial Investigation/Feasability Study
 Gndwater Quality Data Report
 Prepared by: SW/Div Naval Facilities Engineering Cmd
 Contr's: Jacobs Eng. Grp, IT Corp and CH2M Hill

Note:

The information presented represents one of the most thorough and costly gndwater analysis that has been implemented heretofore. These data should interest most RAB members and we imagine some regulators and contractors at other bases with contaminated sites. The Trichloroethylene (TCE) and other volatile organic compounds they found may take from 20 to 150 years to remediate back to USEPA MCL (maximum contaminate level) due to the dispersion in our shallow and principle gndwater basin here in Orange County, Ca.

Analyte: # of well # of times # well samples exceeding Max.detected
 samples: detected: EPA standards: concentration:

TCE.....	529.....	180.....	75.....	2000mg/liter
	@ 117 feet			(Federal MCL: 5mg/l)
Benzene.....	461.....	18.....	14.....	730micro-
	gm/l @144'			(Ca. State MCL: 1 microgm/l)
TDS.....	371.....	371.....	365!	6600mg/l
	(Total Dissolved Solids) @125'			(Federal MCL: 500mg/l)
Carbon.....	529.....	43.....	41.....	26 microgm/l
	Tetrachloride @ 120'			(Ca. State MCL: 0.5microgm/l)
Selenium.....	324.....	256.....	159!	192microgm/l
	@176'			(Ca. State MCL: 10microgm/l)
Aluminum.....	324.....	90.....	22.....	22000microgm/l
	@400'			(Federal MCL: 50-200microgm/l)
Sulfate.....	365.....	363.....	139.....	2200mg/l @285'
	(Ca. State MCL: 250mg/l)			

Nitrate/
Nitrite-N....332.....301.....173.....69.7mg/l @150'
(Federal MCL: 10mg/l)

Note: For additional info. re the above one may contact us through:

<careerpro@igc.org>

Don Zweifel
S/chair of (Gndwater) Operable Unit #1, MCAS, El Toro, Ca. RAB
and CAL/EPA Advisory Grp for Military Base Closure.

Follow-Ups

- [Re: Documentation of significant well contaminationMCASEIToro,CA.](#) Peter Strauss (01/03/96)

Next by Date: [RAB ASSISTANCE LEGISLATION](#)

Next by Thread: [Re: Documentation of significant well contaminationMCASEIToro,CA.](#)

[CPEO Home](#)

[CPEO Lists](#)

[Author Index](#)

[Date Index](#)

[Thread Index](#)