SFUND RECORDS CTR
99831

FAX TRANSMISSION

TO:	NAME:	Annie Jarabek
	ORGANIZATION:	EPA - NCEA
	MAIL CODE:	
	FAX NUMBER:	(919) 541-1818
	PHONE NUMBER:	(919) 541-4847
FROM:		Kevin Mayer U.S. Environmental Protection Agency Region IX - SFD-7-2 75 Hawthorne Street San Francisco, CA 94105
	DIVISION:	Superfund
	MAIL CODE:	SFD-7-2
	PHONE NUMBER:	(415) 744-2248
	FAX NUMBER:	(415) 744-2180
DATE:		November 24, 1998
.PAGES (Including Cover)		~~12~~ 11
SUBJECT:		Perchlorate

NOTES: Annie - This is the 5 page Takata memo from 1985 which resulted in the ATSDR 1986 response. There are ~~5~~ 4 pages of attachments to Takata's memo.

I am also sending a hard copy of an alternative to Siddiqui et al.'s Table 1.

Please also check your text to update the number of public water supply wells in CA to 144 with detectable perchlorate (38 above 18 ppb). The citation is the CA DHS perchlorate website. www.dhs.cahwnet.gov (then search for "perchlorate").
Have a happy Thanksgiving - Kevin

4584

From: <Mayer.Kevin@epamail.epa.gov>
To: RTP7.RTPECAO(JARABEK-ANNIE)
Date: 11/24/98 4:31pm
Subject: Perchlorate: Table 1 from Siddiqui et al.

Annie - It would be instructive to have the type of information presented in Table 1 (Page 5) in the report. It would be even better if the information were more accurate rather than the minimally informed guesses presented for a number of the cases.

I actually had a table with similar information that I updated today, trying to follow their format. I do not have this level of detail on releases outside Region 9. The main messages in this table are that we have a pattern of suspected sources associated with the known releases, that quite a few water supply systems are affected, and that water supply systems are observing maximum perchlorate concentrations in the range of 10-300 in their drinking water.

This file is in Lotus 123, release 5. I will send via fax a hard copy along with the Takata memo I promised.

(See attached file: Clo4-98.wk4)

Occurrence and Potential Sources of Perchlorate in Drinking Water Systems in EPA Region 9

Maximum concentrations reported in 1997-98 in a water supply system for each release

Type	Location	Suspected Source	Water System Affected	Max. ug/l
Groundwater	Sacramento Rancho Cordova, CA	Aerojet General Rocket manufacturer	Arden Cordova Sacramento County WC Mather AFB (not in use)	280
Groundwater	Upper Santa Ana Valley Redlands, CA	Lockheed Propulsion Rocket manufacturer	Victoria Farms City of Loma Linda City of Redlands City of Riverside Loma Linda University	140
Groundwater	Raymond Basin Pasadena, CA	NASA-JPL Rocket research	Cal-American City of Pasadena Las Flores WC Lincoln Ave. WC Rubio Canyon Valley WC	50
Groundwater	San Gabriel Valley Baldwin Park, CA	Aerojet General Rocket manufacturer	Azusa Light and Power La Puente Valley WD San Gabriel Valley WC Suburban Water System Valley County WD	160
Groundwater	Santa Clarita Valley, CA	Whittaker Bermite Ordinance and rockets	Newhall CWD Santa Clarita WC Valencia WC	30
Groundwater	Rialto, CA	B.F. Goodrich? Rocket manufacturer	City of Rialto WD West San Bernardino Co.	30 (270)
Groundwater	Santa Susanna, CA	Rocketdyne Rocket manufacturer	Monitoring wells only	na
Groundwater	Hollister, CA	Whittaker Ordinance	One private well, Ag. and monitoring wells	800
Groundwater	San Jose, CA	UTC (United Tech.) Rocket research	Monitoring wells and seasonal surface water	na
Groundwater	San Fernando Valley Glendale, CA	Grand Central Rocket? Rocket manufacturer	Monitoring well only	na
Groundwater	Edwards AFB Edwards, CA	Jet Propulsion Lab, North Base Rocket research	Soil and monitoring wells	na
Groundwater	LLNL Site 300 Tracy, CA	US Dept of Energy Explosives research	Monitoring wells only	na
Groundwater	El Toro MCAS Orange Co., CA	Marine Air Station Unknown Source	Monitoring wells only	na
Surface Water	Coon Creek Lincoln, CA	Alpha Explosives Explosives	Coon Creek	na
Surface Water	Henderson, NV Las Vegas Wash Lake Mead Lower Colorado River	Kerr-McGee/PEPCON Perchlorate manufacturer	Southern NV Water Authority Metropolitan W D of So. Cal. Central AZ Project Multiple Tribes and Cities	14
Groundwater	Phoenix-Goodyear Airport Goodyear, AZ	Unidynamics Explosives/Ordinance	Monitoring and Ag. wells only	na