



ACQUISITION,
TECHNOLOGY
AND LOGISTICS

OFFICE OF THE UNDER SECRETARY OF DEFENSE

3000 DEFENSE PENTAGON
WASHINGTON, DC 20301-3000

JUL 3 2003

Mr. Edwin J. Lowry
Director, Department of Toxic Substances Control
California Environmental Protection Agency
1001 I Street
Sacramento, CA 95814

Dear Mr. Lowry,

Thank you for your letter of June 6, 2003. I look forward to working with you on developing an informed, balanced, risk management response to perchlorate in conjunction with the affected industries and communities.

The Department of Defense has already collected some information on the presence of perchlorate at California sites. We have enclosed a copy of the most current information we have and will direct the Military Services to provide you with any information they already have.

While EPA works towards definitively addressing the health questions and issuing an official MCL, the Department is investing in activities that will enable us to step out quickly once EPA establishes the MCL:

- I issued a policy in November 2002, allowing the Military Services to sample for perchlorate if there is a reasonable basis to suspect perchlorate is present and an exposure pathway exists. The Department of Defense is in the process of developing a more comprehensive sampling policy for perchlorate which will be out later this summer.
- The Department of Defense, over the last several years, has spent over \$25 million on research directed at perchlorate issues. This includes approximately \$4.5 million on technology for treatment and cleanup of perchlorate. We are currently co-sponsoring a pilot on in-situ biological treatment in California. We are preparing to publish a book that compares the current perchlorate cleanup technologies for efficiency and effectiveness. We are posturing ourselves to be able to respond immediately when California, other states, and the EPA set cleanup and drinking water standards.
- Our Environmental Quality Data Working Group is working with EPA staff to develop a reliable, consistent methodology for testing for the presence of perchlorate in various media.



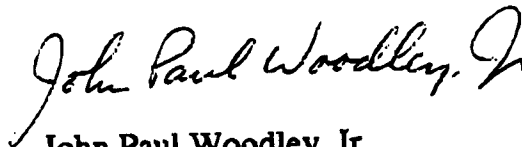
- The Army is taking steps to replace perchlorate in two key munitions that account for over 70% of usage in the Army.

In addition, the Department of Defense is complying with EPA's Unregulated Contaminant Monitoring Rule. Along with many other drinking water systems across the United States, our systems that meet the EPA size requirements are conducting sampling for perchlorate over a consecutive 12 month period from 2001 to 2003 and reporting those results to EPA's Safe Drinking Water Accession and Review System (SDWARS/UCMR). The information in SDWARS/UCMR is already available to state officials.

Dealing with emerging chemicals of concern is a challenge to all of us. We need to work cooperatively to ensure that addresses these challenges in a thoughtful, deliberative manner. I look forward to working with you to develop an approach based on sound science that is fully protective of human health and the environment.

We are evaluating the specific requests in your letter of June 6, 2003. To establish a collaborative approach to these issues, I recommend we immediately form an interagency working group to advise us jointly on options for addressing perchlorate and other emerging contaminants. I have provided a similar letter to Mr. Hickox, and Ms. Cantu.

Sincerely,



John Paul Woodley, Jr.
Assistant Deputy Under Secretary of Defense
(Environment)

Enclosure

Apr 03 Draft
DoD and Non-DoD Perchlorate Sites

Component	Facility Name	City	State	Test Site/Source	Sampled	Detected	Cleanup Initiated	U.S. Senator	U.S. Representative and District	Comments
Non-DoD	Aerojet General (affects Mather AFB)	Rancho Cordova	CA		yes	GW, DW		Barbara Boxer/ Dianne Feinstein	Douglas Ose - 3rd District/ Robert Matsui - 5th District	Source - Rocket Manufacturing
Non-DoD	Alpha Explosives	Lincoln	CA		yes	GW, SW		Barbara Boxer/ Dianne Feinstein	John T Doolittle - 4th District	Source - Explosives Manufacturing
Navy	Bearrow MCLB	Burlingame	CA					Barbara Boxer/ Dianne Feinstein	Wally Heger - 2nd District/ Douglas Ose - 3rd District/ Robert T. Matsui - 5th District	
Air Force	Beale AFB	Marysville	CA		yes	GW		Barbara Boxer/ Dianne Feinstein		Source - Rocket Research, Testing and Production
DOE	Bellingh/Rockledge, NASA at Santa Susana Field Lab USDOE	Santa Susana	CA		yes	GW		Barbara Boxer/ Dianne Feinstein		
Navy	Camp Pendleton MCB	Oceanside	CA		no			Barbara Boxer/ Dianne Feinstein		
Navy	China Lake	China Lake	CA	Test and Training Range	yes	yes		Barbara Boxer/ Dianne Feinstein		
Navy	Concord	Concord	CA		no			Barbara Boxer/ Dianne Feinstein	George Miller - 7th District/ Ellen O. Tauscher - 10th District	
Navy	Corona	Corona	CA		yes	Not reported		Barbara Boxer/ Dianne Feinstein	Gary Miller - 42nd District/ Ken Calvert - 44th District/ Doreen Latta - 49th District	
DLA	DD San Joaquin- Shaps	Lathrop	CA					Barbara Boxer/ Dianne Feinstein		
DLA	DD San Joaquin- Tracy	Tracy	CA					Barbara Boxer/ Dianne Feinstein		
Air Force	Edwards AFB	Edwards	CA	Jet Propulsion Lab, North Base	yes	GW, coil 300ppb	Tresability study complete	Barbara Boxer/ Dianne Feinstein	Calvin M. Dooley - 20th District/ William M. Thomas - 22nd District	Source - Rocket Research
Navy	El Toro	Irvine	CA	EOD Range	yes	GW		Barbara Boxer/ Dianne Feinstein	Edward R. Royce - 49th District/ Dena Rohrabacher - 46th District/ Loreta Sanchez - 47th District/ Christopher Cox - 48th District	BRAC
DOE	Energy Technology Engineering Center (ETC) (United Technologies)	San Jose	CA		yes	GW		Barbara Boxer/ Dianne Feinstein	Richard W. Pombo - 11th District/ Ama G. Escob - 14th District/ Mike Honda - 15th District/ Zoe Lofgren	Source - Rocket Testing
DOE	Lawrence Livermore National Laboratory Site	Tracy	CA		yes	GW		Barbara Boxer/ Dianne Feinstein	Ellen O. Tauscher - 10th District/ Richard W. Pombo - 11th District/ Jerry Lewis - 41st District	Source - DoE Explosives Research
Non-DoD	Lockheed Propulsion Shop, Santa Ana Valley Mather AFB	Redlands	CA		yes	DW		Barbara Boxer/ Dianne Feinstein	Wally Heger - 2nd District/ Douglas Ose - 3rd District/ Robert T. Matsui - 5th District	Source - Rocket Manufacturing
Air Force	McClellan AFB	Sacramento	CA					Barbara Boxer/ Dianne Feinstein	Wally Heger - 2nd District/ Douglas Ose - 3rd District/ Robert T. Matsui - 5th District	Source - Rocket Manufacturing
NASA	NASA - Jet Propulsion Lab Raymond Basin	Pasadena	CA		yes	DW		Barbara Boxer/ Dianne Feinstein	David Dreier - 28th District/ Adam Schiff - 29th District/ Xavier Becerra - 31st District	Source - Rocket Research

SW - surface water
ND - not detect
CG/OD - open burn/ open defonation

Sed - sediment
GW - groundwater
DW - drinking water

Apr 03 Draft
DoD and Non-DoD Perchlorate Sites

Component	Facility Name	City	State	Test Site/Source	Sampled	Detected	Cleanup Initiated	U.S. Senator	U.S. Representative and District	Comments
FUDS	Nike 14 Launcher Area		CA		yes			Barbara Boxer/ Dianne Feinstein		Records search will address potential FUDS eligibility for emergent chemicals identified in letter rec'd from reg agency.
Air Force	Orizaba AFS	Sunnyvale	CA		yes	DW - not recorded		Barbara Boxer/ Dianne Feinstein	Area G. Ekhoo - 14th District/ Mike Honda - 15th District	Awaiting results of sampling
Air Force	Plant 14	Burbank	CA					Barbara Boxer/ Dianne Feinstein		
Air Force	Plant 42	Palmdale	CA		yes	ND		Barbara Boxer/ Dianne Feinstein	William M. Thomas - 22nd District/ Howard P. (Buck) McKeon - 25th District	
Air Force	Plant 70	Rancho Cordova	CA					Barbara Boxer/ Dianne Feinstein		
FUDS	Pyrite Canyon	Glen Aven	CA					Barbara Boxer/ Dianne Feinstein		Need to establish FUDS eligibility. Records search will also include checking if any perchlorate containing items were stored/assembled, etc on site or if site usage during FUDS time era could have contributed to conditions.
FUDS	Rialto (formerly Rialto Ammunition Supply Point)	Rialto	CA	Drinking water supply wells	yes (by Army or others)	DW	USACE is preparing a Site Operational History Report to Army activities of the facility. Water purveyors are beginning wellhead treatment. EPA (04/e) requests to DoD and several other parties.	Barbara Boxer/ Dianne Feinstein	Howard P. (Buck) McKeon - 25th District/ Jerry Lewis - 41st District/ Joe Baca - 43rd District	Source - Riverbank Facility? BF Goodrich, Rocket Research and Manufacturing
Army	Riverbank AAP	Riverbank	CA					Barbara Boxer/ Dianne Feinstein		
Army	San Bernardino Engineering Depot	San Bernardino	CA					Barbara Boxer/ Dianne Feinstein		
Non-DoD	San Fernando Valley	Glendale	CA		yes	GW		Barbara Boxer/ Dianne Feinstein	David Dreier - 26th District/ Adam Schiff - 29th District	Source - Rocket Manufacturing
Non-DoD	San Gabriel Valley	Baldwin Park	CA		yes	GW, DW		Barbara Boxer/ Dianne Feinstein	Hilda A. Solis - 32nd District/ Grace Napolitano - 36th District	Source - Aerojet, Rocket Manufacturing

SW - surface water
ND - non detect
OB/OO - open built/open delamination

Sed - sediment
GW - groundwater
DW - drinking water

Apr 03 Draft
DoD and Non-DoD Perchlorate Sites

Component	Facility Name	City	State	Test Site/Source	Sampled	Detected	Cleanup Initiated	U.S. Senator	U.S. Representative and District	Comments
Navy	San Nicholas Island	Ventura County	CA	EOD Range	yes	GW		Barbara Boxer/ Dianne Feinstein	Los Capps - 23rd District/Elton Gallegly - 24th District	
Navy	Seal Beach	Seal Beach	CA		yes	Not reported		Barbara Boxer/ Dianne Feinstein	Dana Rohrabacher - 46th District	
Air Force	Travis AFB	Fairfield	CA		yes	Not reported		Barbara Boxer/ Dianne Feinstein	Mike Thompson - 1st District/ George Miller - 7th District/Elfen O. Tauascher - 10th District	
Air Force	Vandenberg AFB	Lompoc	CA		yes	Soil		Barbara Boxer/ Dianne Feinstein	Lois Capps - 22nd District/Elton Gallegly - 24th District	
Non-DoD	Whittaker Ordnance	Hollister	CA		yes	GW, DW		Barbara Boxer/ Dianne Feinstein	Richard W. Pombo - 11th District/ Sam Farr - 17th District	Source - Ordnance Manufacturing
Non-DoD	Whittaker-Bermite Ordnance	Santa Clarita	CA		yes	DW		Barbara Boxer/ Dianne Feinstein	William M. Thomas 22nd District/ Howard P. (Buck) Macken - 25th District	Source - Ordnance Manufacturing

Highlighted installations are those currently on the National Priorities List (NPL)

SW - surface water
ND - non detect
OD/OD - open burn/ open detonation

Sed - sediment
GW - groundwater
DW - drinking water