

Known Perchlorate Releases in the U.S. - As of July, 24 2003

State	DOD Facility	City	BRAC	NPL	DW Conc (ppb)	GW Conc (ppb)	SW Conc (ppb)	Soil Contam
AZ	Davis Monthan Air Force Base	Tucson	N	N	--	--	--	Y
	U.S. Army/NASA Red Stone Arsenal -Aviation & Missile Command; Thiokol-Huntsville(former) **	Huntsville	N	F	--	19000	--	--
CA	Edwards AFB/Dryden Flight Research Center **	Edwards	N	F	--	300	--	Y
CA	Edwards AFB/Jet Propulsion Laboratory	Edwards	N	F	--	160000	--	--
CA	Edwards AFB/Air Force Research Laboratory	Edwards	N	F	--	4550	--	--
CA	Mather AFB *	Rancho Cordova	Y	F	120	1800	--	--
CA	U.S. Navy Firing Range	San Nicolas Island	N	N	16	--	--	--
CA	El Toro MCAS	El Toro	Y	F	--	380	--	--
CO	Pueblo Chemical Depot	Pueblo	Y	N	--	180	--	--
IA	Iowa Army Ammunition Plant	Middletown	N	F	--	9	--	--
MA	Massachussets Military Reservation	Bourne	N	F	--	100	--	--
MD	Aberdeen Proving Grounds **	Aberdeen	N	F	5	24	--	--
MD	Naval Surface Warfare Center, Indian Head Division **	Indian Head	N	F	--	2000	--	--
MD	Naval Surface Warfare Center, White Oak	Silver Springs	Y	N	--	240	--	--
MO	Lake City Army Ammunition Plant	Independence	N	F	--	70	--	--
NJ	Picatinny Arsenal **	Picatinny Arsenal	N	F	--	627	--	--
NM	White Sands Missile Range (USArmy) **	Las Cruces	N	N	--	21000	--	--
NM	Holloman AFB	Alamogordo	N	N	--	40	16000	Y
NM	Cannon AFB	Cannon	N	N	25	--	--	--
NM	Melrose AF Bombing Range		N	N	--	41	--	--
NM	Ft. Wingate Depot	Gallup	Y	N	--	2860	--	Y
NM	Kirtland AFB		N	N	--	--	--	Y
OR	Umatilla Ammunition Demolition Area	Hermiston	Y	F	--	10	--	--
TX	Longhorn Army Ammunition Plant**	Karnack	N	F	--	169000	--	Y
TX	Red River Army Depot	Texarkana	Y	N	--	80	--	--
TX	McGregor Naval Weapons Industrial Reserve Plant (NWIRP)	McGregor	N	N	--	91000	--	Y

Legend:

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<p>GW Conc = Groundwater Concentration</p> <p>SW Conc = Surface Water Contamination</p> <p>Soil Contam = Soil Contamination</p> <p>ppb = parts per billion</p>	<p>Y (in Soil Contam Column) = Perchlorate has been detected in soil</p> <p>-- = denotes EPA is not aware that perchlorate has been detected in that particular medium at that specific facility</p>
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State	Non-DOD Federal Facilities	City	BRAC	NPL	DW Conc (ppb)	GW Conc (ppb)	SW Conc (ppb)	Soil Contam
TX	Lone Star Army Ammunition Plant	Texarkana	N	F	--	23	6	Y
WA	Camp Bonneville	Vancouver	N	N	--	200	--	Y
WV	Alliant Tech; Naval Ordnance, Allegheny Ballistics Laboratory **	Rocket Center	N	F	--	--	400	--
CA	Jet Propulsion Laboratory (NASA)	Pasadena	/	F	54	n/a	--	--
CA	Lawrence Natl Lab, DOE Experimental Site 300	Tracy	/	F	--	84	--	--
CA	Santa Susana Field Lab, Rocketdyne Division	Santa Susana	/	N	--	750	--	--
NM	Los Alamos National Laboratory DOE	Los Alamos	/	N	3	220	--	--
NM	Sandia National Labs	Albuquerque	/	N	--	--	--	Y
TX	Pantex Plant (USDOE)	Amarillo	/	F	--	340	--	--

State	Private Sites	City	BRAC	NPL	DW Conc (ppb)	GW Conc (ppb)	SW Conc (ppb)	Soil Contam
AL	Atmore Utility Board		/	N	--	9	--	--
AR	Atlantic Research Corp. **	East Camden	/	N	--	640000	480000	Y
AR	Hot Springs		/	N	--	--	7	--
AZ	Universal Propulsion Co., Inc. **	Phoenix	/	F	--	--	--	Y
AZ	Aerodyne Corp.	Tempe	/	N	--	18	--	--
AZ	Apache Powder Co.	Benson	/	F	--	670	--	--
AZ	Unidynamics/Phoenix Goodyear Airport	Goodyear	/	F	30	80	--	--
AZ	White Tanks		/	N	--	--	--	Y
CA	Lockheed Propulsion Company (Former) **	Redlands	/	N	87	--	--	--
CA	Aerojet General Corp. - Rancho Cordova **	Rancho Cordova	/	F	260	640000	--	--
CA	Alpha Explosives	Lincoln	/	N	--	67000	--	--
CA	Whittaker Ordnance	Hollister	/	N	810	810	--	--
CA	Whittaker Bermite	S. Clarita, Saugus	/	N	47	--	--	--
CA	B.F. Goodrich Aerospace & Defense Products	Rialto	/	N	811	--	--	--
CA	San Fernando Valley	Glendale	/	F	--	13	--	--
CA	San Gabriel Valley		/	F	159	2180	--	--

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CA	UTC	San Jose	/\	N	--	180000	--	--
CA	Stringfellow	Glen Avon	/\	F	--	682000	--	--
CA	Casmalia Resources	Casmalia	/\	F	--	58	--	--
CA	Olin Safety Flare	Morgan Hill	/\	N	15	167	--	--
GA	Houston County-Feagin Mill		/\	N	--	5	--	--
GA	Oconee Co. Watkinsville		/\	N	--	--	--	--
IA	unknown	Hills	/\	N	--	30	--	--
IA	Unknown	Ewart	/\	N	--	29	--	--
IA	Unknown	Napier	/\	N	--	11	--	Y
KS	Tri-County Airport (Former Herington Army Airfield)		N	N	--	9	--	--
LA	Shreveport		/\	N	10	--	--	--
MD	City of Hagerstown	Hagerstown	/\	N	--	--	4	--
MN	New Brighton	Ramsey County	/\	N	5	--	--	--
MN	Northfield		/\	N	--	6	--	--
MO	ICI Explosives USA Inc.	Joplin	/\	N	--	107000	--	Y
NC	Vick's MHP		/\	N	6	--	--	--
NE	Nebraska Ordnance Plant ***		N	N	--	24	--	--
NE	Unknown	Lewiston	/\	N	--	5	--	--
NE	Unknown	Mead	/\	N	--	24	--	--
NJ	Middlesex W Co.		/\	N	--	--	7	--
NM	Clovis	Clovis	/\	N	7	--	--	--
NM	Albuquerque South Valley	South Valley	/\	N	5	--	--	--
NM	Des Moines	Des Moines	/\	N	5	--	--	--
NM	Deming		/\	N	--	30	--	--
NV	PEPCON (Former)	Henderson	/\	N	--	600000	--	--
NV	Kerr-McGee Chemical	Henderson	/\	N	16	3700000	120000	--
NV	Boeing/Rocketdyne	Near Reno	/\	N	--	400	--	--
NY	Suffolk County		/\	N	26	122	--	--
NY	Suffolk County		/\	N	16	3370	--	--

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NY	Plainview WD	Plainview	/\	N	--	11	--	--
NY	Bethpage WD		/\	N	--	5	--	--
OR	Elf Atochem North America	Portland	/\	N	--	1000	--	--
PA	Meadville Area Water Authority		/\	N	--	33	--	--
PA	Columbia Water Co.		/\	N	--	--	12	--
PA	Huntingdon Boro Water Dept.		/\	N	--	7	--	--
PA	Muhlenberg Twp Muni Auth		/\	N	--	4	--	--
TX	Kingsville	Kleburg	/\	N	9	--	--	--
TX	Levelland	Hockley	/\	N	32	--	--	--
TX	Midland		/\	N	46	--	--	--
TX	Gaines		/\	N	30	--	--	--
TX	Dawson		/\	N	59	--	--	--
TX	Glascock		/\	N	3	--	--	--
TX	Martin		/\	N	22	--	--	--
TX	Andrews		/\	N	9	--	--	--
TX	Ector		/\	N	5	--	--	--
TX	Howard		/\	N	26	--	--	--
UT	Thiokol **	Thiokol	/\	N	--	42	--	--
UT	Bacchus Works, Alliant Techsystems, Inc. **	Magna	/\	N	16	16	--	--
VA	Perdue Farms Inc.		/\	N	4	--	--	--
WA	Lakewood Water District		/\	N	6	--	--	--
WA	City of Puyallup	Puyallup	/\	N	--	--	8	--

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Sources:

- 1. Region 9 Memo, May 1998; Kerr McGee's 104(e) Response
- 2. American Pacific Non -CBI 104(e) response
- 3. U.S. EPA Regions 1, 3, 4, 6, 7, 9, 10
- 4. California Department of Health Services
- 5. Arizona Department of Environmental Quality
- 6. New Mexico Environmental Department
- 7. Texas Commission of Environmental Quality
- 8. Utah Department of Environmental Quality
- 9. West Virginia Division of Environmental Protection
- 10. Suffolk County, New York, Department of Health Services
- 11. US Department of Energy
- 12. UCMR

* = Source of contamination believed to have originated from adjacent Boeing Test Site at Rancho Cordova

** = 1998 Department of Defense Information Request

*** = Source of contamination is suspected to have originated from a nearby fireworks manufacturer. Fireworks manufacturer has not been identified as a PRP. There is no current evidence that Army activities at Nebraska Ordnance Plant are the cause of the contamination.