



Matthew Rodriguez
Secretary for
Environmental Protection



Department of Toxic Substances Control

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Edmund G. Brown Jr.
Governor

March 1, 2016

Mr. Gideon Kracov
Chairman
Department of Toxic Substances Control
Independent Review Panel

FINANCIAL ASSURANCE INFORMATION REQUEST

Dear Mr. Kracov:

The California Department of Toxic Substances Control (DTSC) is providing this financial assurance data in response to your request on page eight of your "Initial Report to the Governor and the Legislature Pursuant to Health and Safety Code Section 57014(f)", dated January 28, 2016. According to your report the Independent Review Panel requested "that the DTSC produce, by 3/1/16, a list of existing financial assurances for every Hazardous Waste Facility Permit site".

Please see the attached spreadsheet containing the requested financial assurance data. The list includes federal facilities, which are exempt from financial assurance requirements, pursuant to California Code of Regulations, Title 22, Section 66264.140(c), but were added to reflect a complete list of all permitted facilities. We have also included attachments for further clarification of the data.

Sincerely,

Elise Rothschild, REHS
Deputy Director
Hazardous Waste Management Program

Attachments:

1. Explanation of Spreadsheet Columns
2. Description of DTSC Financial Assurance Mechanisms and Acronyms

Attachment 1.

Explanation of Column Headings For the Permitted Facilities Financial Assurance Data Spreadsheet

The following is a description of each column heading within the spreadsheet:

Facility Name – This column provides the name of the facility.

EPA ID Number – This column provides the Facility’s Environmental Protection Agency Identification Number.

Regulatory Status – This column identifies the regulations governing the permit. It includes either RCRA, Standardized, or State Only permit regulations as defined below.

Resource Conservation and Recovery Act (RCRA) – RCRA permits are issued in accordance with California Code of Regulations, Title 22, Division 4.5, Chapter 20. These permits are issued for hazardous waste treatment, storage, and disposal facilities that are required to have a permit under RCRA.

Standardized Permits – Standardized Permits are issued in accordance with California Code of Regulations, Title 22, Division 4.5, Chapter 20, Article 6.5. These permits are for treatment or storage activities that do not require a RCRA permit, but may be eligible for a Standardized permit in California pursuant to section 25201.6 of the Health and Safety Code.

State Only Permits – Facilities not eligible for Standardized permits are permitted in accordance with California Code of Regulations, Title 22, Division 4.5, Chapter 20. For example, a used oil treatment facility would require a State Only permit.

Closure Mechanism Type – This column identifies the type of mechanism (see attachment 2. for mechanism definitions and acronyms). State and federal facilities are exempt from financial assurance requirements.

Closure Amount – This column provides the amount of available funds in the financial assurance mechanism.

Post-Closure Mechanism Type – This column identifies the type of mechanism (see attachment 2. for mechanism definitions and acronyms). State and federal facilities are exempt from financial assurance requirements.

Post-Closure Amount – This column provides the amount of available funds in the financial assurance mechanism.

Attachment 2.

Description of DTSC Financial Assurance Mechanisms and Acronyms for Operators and Owners of Hazardous Waste Facilities

Trust (TA) - A trust fund is an account created by a hazardous waste facility with a trustee for the benefit of DTSC. The Trust Fund allows DTSC to control the fund if the owner or operator fails to meet its financial assurance obligations. A trust fund is created with money placed into an account. For closure and post-closure care, the hazardous waste facility may make annual payments into the fund for up to ten years. This time period is called the “pay-in period.” Trust funds established for third party liability must be fully funded. A trust fund is managed by a trustee (usually a bank) licensed or chartered by a state or federal agency. A trust fund may be used for closure, post-closure, corrective action, and third party liability.

Letter of Credit (LOC) - A letter of credit is guarantee by a financial institution (a bank) that covers the owner’s or operator’s financial assurance requirements. A letter of credit is similar to a “line of credit”; that is, it is meant to provide assurance that the applicant will meet its financial obligation. A standby trust fund is required with the letter of credit to provide an account into which the funds drawn from the letter of credit may be deposited. A standby trust with a letter of credit for third party liability is optional. There are severe financial penalties for the owner or operator if the letter of credit is drawn upon (e.g., reduced or ruined credit rating), therefore it is always preferable for an owner or operator to meet its obligations without requiring DTSC to draw upon this mechanism. A letter of credit may be used to provide financial assurance for closure, post closure, corrective action, and third party liability.

Surety Bond (SB) - Surety bonds are guarantees by a third party that closure, post-closure and corrective action obligations will be fulfilled. Surety bonds may also be used for liability coverage. There are three types of surety bonds:

1. **Financial Guarantee Bond (SB/F)** - in the event an owner or operator fails to fulfill closure and post-closure requirements, a financial guarantee bond funds a standby trust in the amount equal to the face value (also known as the “penal sum”) of the bond.
2. **Performance Bond (SB/P)** - Guarantees that the owner or operator will perform final closure (or post-closure care, or corrective action) in accordance with the closure plan (or post-closure plan) and other requirements of the permit for the facility. The surety shall become liable on the bond obligation only when the owner or operator fails to perform as guaranteed by the bond. A performance bond may not be used for third party liability.
3. **Payment Bond** - is a form of surety bond used for third party liability coverage. Surety bonds are issued by surety companies (usually subsidiaries of insurance companies). To be acceptable, a surety company must be on a list that shows they are authorized by the US Treasury Department to issue Treasury Bonds. This list is known as Circular 570.

Insurance Policy (Ins) - An insurance policy is a guarantee that funds shall be available in an amount equal to the face value of the policy to meet financial assurance requirements. An insurance policy may provide funds for closure, post-closure, corrective action, and third party liability.

Financial Test (FT)/Corporate Guarantee (CG) - An owner or operator (a corporation) presents their financial statements as demonstration that they have adequate financial resources to meet their financial assurance obligations. That is, an owner or operator provides a certification that their assets meet or exceed the costs of their obligations (financial assurance requirements plus current liabilities). An independent certified public accountant's statement must accompany this certification. A "corporate guarantee" is a financial test that is a written guarantee from a direct or higher-tier parent corporation, a firm whose parent corporation is also the parent corporation of the owner operator, or a firm with a "substantial business relationship" with the owner or operator to perform closure, post-closure, corrective action, or pay liability claims if the owner or operator fails to do so. The corporate guarantor must meet or exceed the financial test.

Alternative Financial Mechanisms - An alternative mechanism is a financial assurance mechanism other than those specifically mentioned in regulation. The alternative mechanism must be at least equivalent to the other financial mechanisms listed in regulation. The typical alternative mechanism DTSC accepts is a Certificate of Deposit (**CD**).

Permitted Facility
Financial Assurance for Closure and Post Closure
March 1, 2016

No.	Facility Name	EPA ID Number	Regulatory Status	Closure Mechanism Type	Closure Amount	Post-Closure Mechanism Type	Post-Closure Amount
1	Acme Fill Corp	CAD041835695	RCRA	Ins	\$12,278,034.11	Ins	\$24,336,712.00
2	Advanced Environmental, Inc.	CAT080012602	Standardized	LOC	\$226,749.94		
3	Advanced Environmental, Inc. Fontana	CAT080025711	Standardized	LOC	\$541,423.00		
4	AERC Com, Inc.	CAD982411993	Standardized	CD	\$63,107.77		
5	Aerojet Rocketdyne Inc. Rancho Cordova	CAD000030494	RCRA	SB/P	\$890,816.70	SB/P	\$4,078,542.60
6	Agritec International, Ltd. (dba Clean Tech Environmental, Inc.)	CAL000330453	State Only	Ins	\$304,989.00		
7	American Oil Company	CAD981427669	Standardized	CD	\$38,077.00		

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No.	Facility Name	EPA ID Number	Regulatory Status	Closure Mechanism Type	Closure Amount	Post-Closure Mechanism Type	Post-Closure Amount
8	Asbury Environmental Services Chico II, LLC	CAD980694103	Standardized	LOC	\$55,415.51		
9	Asbury Environmental Services Chico	CAL000827844	Standardized	LOC	\$139,077.80		
10	Asbury Environmental Services Fortuna	CAL930256136	Standardized	LOC	\$45,716.79		
11	Atlas Precious Metals	CAL000098454	Standardized	TA	\$10,000.00		
12	Bakersfield Transfer Inc.	CAL000282598	State Only	TA	\$384,569.88		
13	Bayside Oil, Inc.	CAD088838222	Standardized	CD	\$106,103.14		
14	Best Environmental, LLC	CAD981426539	Standardized	TA	\$47,824.39		

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No.	Facility Name	EPA ID Number	Regulatory Status	Closure Mechanism Type	Closure Amount	Post-Closure Mechanism Type	Post-Closure Amount
15	BKK Landfill	CAD067786749	RCRA	Ins	\$160,680.00	Ins	\$37,142,139.00
16	Boeing Company - Santa Susana Field Laboratory - Canoga Park	CAD093365435	RCRA	LOC	\$1,956,014.00	LOC	\$24,071,753.00
17	California Resources Elk Hills, LLC	CA4170024414	RCRA			Financial Guarantee Bond	\$1,050,000.00
18	Central Wire, Inc.	CAD059277137	RCRA			LOC	\$2,000,000.00
19	Chemical Waste Management, Inc. Kettleman	CAT000646117	RCRA	Ins	\$23,186,481.00	Ins	\$32,646,905.00
20	Chemours Company FC LLC Oakley	CAD009151671	RCRA			SB/P	\$19,188,813.00
21	Chemtrade Logistics, Inc.	CAD009142290	RCRA	LOC	\$143,068.00		

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No.	Facility Name	EPA ID Number	Regulatory Status	Closure Mechanism Type	Closure Amount	Post-Closure Mechanism Type	Post-Closure Amount
22	Chevron Chemical Company Richmond	CAD043237486	RCRA	CG	\$87,086,313.00	CG	\$19,122,004.00
23	Chevron USA, Inc. El Segundo Refinery	CAD008336901	RCRA	CG	\$3,058,206.00	CG	\$11,367,549.00
24	Chevron USA, Inc. Richmond Refinery	CAD009114919	RCRA	CG	\$1,476,201.00	CG	\$19,122,004.00
25	EPC Westside Disposal Facility	CAT080010283	RCRA			CG	\$1,259,688.00
26	Clean Harbors - Los Angeles	CAD050806850	RCRA	Ins	\$1,250,612.00		
27	Clean Harbors - Redwood City	CAD982439895	Standardized	Ins	\$695,300.00		
28	Clean Harbors - San Jose	CAD059494310	RCRA	Ins	\$6,527,275.00		

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No.	Facility Name	EPA ID Number	Regulatory Status	Closure Mechanism Type	Closure Amount	Post-Closure Mechanism Type	Post-Closure Amount
29	Clean Harbors - Westmorland	CAD000633164	RCRA	Ins	\$2,870,034.00	Ins	\$11,281,772.00
30	Clean Harbors - Wilmington	CAD044429835	RCRA	Ins	\$1,818,259.00		
31	Clean Harbors Buttonwillow LLC	CAD980675276	RCRA	Ins	\$8,303,931.00	Ins	\$13,415,839.00
32	Big Blue Hills Pesticide Cont Disposal	CAT080010606	RCRA			LOC	\$1,468,124.00
33	Crane's Waste Oil, Inc.	CAD980813950	Standardized	CD	\$41,742.69		
34	Crosby & Overton	CAD028409019	RCRA	LOC/TA	\$1,189,405.39	LOC/TA	\$98,270.24
35	D/K Environmental	CAT080033681	RCRA	LOC	\$426,981.82		

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No.	Facility Name	EPA ID Number	Regulatory Status	Closure Mechanism Type	Closure Amount	Post-Closure Mechanism Type	Post-Closure Amount
36	David H. Fell & Company	CAL000110141	Standardized	CD	\$47,679.71		
37	DeMenno/Kerdoon	CAT080013352	RCRA	LOC	\$8,457,498.00		
38	Dept. of Air Force Vandenberg AFB	CA9570025149	RCRA	Exempt	Exempt	Exempt	Exempt
39	Dow Chemical - Pittsburg	CAD076528678	RCRA	CG	\$3,180,600.00	CG	\$5,426,200.00
40	Ducommun Aerostructures	CAD093245645	RCRA			SB/P	\$881,332.00
41	Duke Energy Moss Landing, LLC	CAT080011653	RCRA	LOC	\$1,744,100.00	LOC	\$1,122,400.00
42	Ecology Control Industries Richmond	CAD009466392	Standardized	TA	\$110,280.12		

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No.	Facility Name	EPA ID Number	Regulatory Status	Closure Mechanism Type	Closure Amount	Post-Closure Mechanism Type	Post-Closure Amount
43	ECS Refining	CAD003963592	Standardized	CD	\$308,539.69		
44	Edwards Air Force Base	CA1570024504	RCRA	Exempt	Exempt	Exempt	Exempt
45	Evoqua Water Technologies, LLC	CAD097030993	RCRA	SB/F	\$5,239,470.24		
46	Filter Recycling Services, Inc.	CAD982444481	Standardized	TA	\$351,744.56		
47	Forward, Inc.	CAD990794133	RCRA			LOC	\$1,528,666.62
48	General Electric Anaheim	CAD030584502	RCRA	FT	\$625,233.00		
49	GEM of Rancho Cordova LLC	CAD980884183	RCRA	SB/P	\$976,038.00		

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No.	Facility Name	EPA ID Number	Regulatory Status	Closure Mechanism Type	Closure Amount	Post-Closure Mechanism Type	Post-Closure Amount
50	Glencore Recycling, Inc.	CAD069124717	Standardized	LOC	\$530,000.00		
51	Heraeus Metal Processing Company	CAD060398229	Standardized	LOC - Amd #8	\$2,709,113.00		
52	HGST Hitachi Global Storage Technologies, Inc.	CAR000128793	RCRA	FT	\$28,353,244.00		
53	Honeywell International Inc. former Baron-Blakeslee Newark	CAD074644659	RCRA			FT	\$2,250,000.00
54	Industrial Service Oil Co., Inc.	CAD099452708	RCRA	Ins	\$1,769,381.19		
55	IT Corporation Benson Ridge	CAD000633289	RCRA			Ins	\$389,564.00
56	IT Corporation Panoche	CAD000060012	RCRA			Ins	\$2,785,979.00

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No.	Facility Name	EPA ID Number	Regulatory Status	Closure Mechanism Type	Closure Amount	Post-Closure Mechanism Type	Post-Closure Amount
57	IT Corporation Vine Hill	CAD982521460	RCRA			Ins	\$3,569,230.00
58	IT Corporation Montezuma	CAD079089512	RCRA			Ins	\$1,548,120.00
59	J & B Enterprises	CAD982052797	Standardized	CD	\$109,545.77		
60	John Smith Road Landfill	CAD990665432	RCRA			TA	\$261,926.54
61	Kaiser Ventures, Inc.	CAD008274938	RCRA			CG	\$3,802,255.00
62	Kearney KPF	CAD981429715	RCRA			TA	\$1,534,854.89
63	Kinsbursky Brothers Supply, Inc.	CAD088504881	RCRA	TA	\$1,138,293.07		

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No.	Facility Name	EPA ID Number	Regulatory Status	Closure Mechanism Type	Closure Amount	Post-Closure Mechanism Type	Post-Closure Amount
64	KW Plastics	CAD982435026	RCRA	TA	\$487,778.55		
65	Lawrence Berkeley National Laboratory	CA4890008986	RCRA	Exempt	Exempt	Exempt	Exempt
66	Lawrence Livermore National Laboratory	CA2890012584	RCRA	Exempt	Exempt	Exempt	Exempt
67	Lawrence Livermore National Laboratory Site 300	CA2890090002	RCRA	Exempt	Exempt	Exempt	Exempt
68	Lighting Resources, Inc.	CAR000156125	Standardized	TA	\$92,089.39		
69	Former International Light Metal Corp	CAD030398622	RCRA			LOC	\$2,756,524.00
70	National Aeronautics and Space Administration Santa Susana Field Lab	CA1800090010	RCRA	Exempt	Exempt	Exempt	Exempt

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No.	Facility Name	EPA ID Number	Regulatory Status	Closure Mechanism Type	Closure Amount	Post-Closure Mechanism Type	Post-Closure Amount
71	Naval Air Station North Island	CA7170090016	RCRA	Exempt	Exempt	Exempt	Exempt
72	Naval Air Weapons Station China Lake	CA2170023152	RCRA	Exempt	Exempt	Exempt	Exempt
73	Naval Base Coronado	CAR000019430	RCRA	Exempt	Exempt	Exempt	Exempt
74	Naval Station San Diego	CA6170024289	RCRA	Exempt	Exempt	Exempt	Exempt
75	P. Kay Metal Supply, Inc.	CAL000024110	Standardized	TA	\$150,218.83		
76	Pacific Gas & Electric Diablo Canyon	CAD077966349	RCRA	FT	\$1,144,169.00		
77	Pacific Resource Recovery Services	CAD008252405	RCRA	LOC	\$1,044,000.00		

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No.	Facility Name	EPA ID Number	Regulatory Status	Closure Mechanism Type	Closure Amount	Post-Closure Mechanism Type	Post-Closure Amount
78	Pacific Scientific Energetic Materials Company	CAD009220898	RCRA	LOC	\$696,537.00		
79	Phibro Tech	CAD008488025	RCRA	LOC	\$1,848,717.45		
80	Phillips 66 (fka Conoco Phillips Company) - Carson Plant	CAD980881676	RCRA			CG	\$2,521,929.93
81	Phillips 66 Company San Francisco Refinery	CAD009108705	RCRA			CG	\$3,397,060.49
82	Phillips 66 Wilmington Plant	CAD008237679	RCRA			CG	\$2,521,929.93
83	United Technologies Corporation Pratt and Whitney Rocketdyne San Jose	CAD001705235	RCRA	LOC	\$4,878,147.44	LOC	\$7,821,852.56
84	Quemetco, Inc.	CAD066233966	RCRA	Ins	\$7,800,000.00	Ins	\$1,000,000.00

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No.	Facility Name	EPA ID Number	Regulatory Status	Closure Mechanism Type	Closure Amount	Post-Closure Mechanism Type	Post-Closure Amount
85	Ramos Environmental Services	CAD044003556	Standardized	SB	\$174,439.30		
86	Raytheon Space and Airborne Systems El Segundo	CAD000633230	RCRA	LOC	\$921,482.00		
87	Rho-Chem, LLC	CAD008364432	RCRA	SB/P	\$1,958,574.00		
88	Riverbank Army Ammunition Plant	CA7210020759	RCRA	Exempt	Exempt	Exempt	Exempt
89	Riverbank Oil Transfer, LLC	CAL000190816	Standardized	CD	\$100,000.00		
90	Safety Kleen Systems, Inc. El Monte Accumulation Center	CAT000613893	RCRA	Ins	\$395,891.00		
91	Safety Kleen Systems, Inc. Santa Ana	CAT000613976	RCRA	Ins	\$289,753.00		

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No.	Facility Name	EPA ID Number	Regulatory Status	Closure Mechanism Type	Closure Amount	Post-Closure Mechanism Type	Post-Closure Amount
92	Safety Kleen Systems, Inc. Sacramento	CA0000084517	RCRA	Ins	\$371,069.00		
93	Safety Kleen Fresno	CAD066113465	RCRA	Ins	\$186,496.00		
94	Safety Kleen Systems, Inc. Highland Service Center	CAT000613927	RCRA	Ins	\$186,909.00		
95	Safety Kleen Systems, Inc. Los Angeles	CAT000613935	RCRA	Ins	\$201,523.00		
96	Safety Kleen of California, Inc. Newark	CAD980887418	RCRA	Ins	\$2,576,623.00		
97	Safety Kleen of California, Inc. Fresno	CAD982446882	Standardized	Ins	\$95,085.00		
98	Safety Kleen of California, Inc. Carson	CAD981696420	State Only	Ins	\$181,654.00		

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No.	Facility Name	EPA ID Number	Regulatory Status	Closure Mechanism Type	Closure Amount	Post-Closure Mechanism Type	Post-Closure Amount
99	Safety Kleen of California, Inc. Davis	CAD982446874	Standardized	Ins	\$122,826.00		
100	Safety Kleen of California, Inc. Santa Maria	CAD982446858	Standardized	Ins	\$68,905.00		
101	San Diego Gas & Electric Miramar	CAD981168107	RCRA	CG	\$362,392.00		
102	San Diego Gas & Electric San Diego	CAD980636682	Standardized	CG	\$839,661.00		
103	Southern California Edison Company San Onofre Nuclear Generating Station	CAD000630921	RCRA	FT	\$6,624,657.00		
104	Southern California Gas Co Los Angeles	CAD981422017	RCRA	CG	\$1,008,118.00		
105	Southern California Gas Co Pico Rivera	CAT000625137	RCRA	CG	\$2,673,082.00		

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No.	Facility Name	EPA ID Number	Regulatory Status	Closure Mechanism Type	Closure Amount	Post-Closure Mechanism Type	Post-Closure Amount
106	Square D Company	CAD050746775	RCRA			LOC	\$900,000.00
107	Tesoro Carson Refinery	CAD077227049	RCRA			CG	\$29,636,000.00
108	Tesoro Refining and Marketing Company Los Angeles Refinery	CAD041520644	RCRA			CG	\$2,030,000.00
109	Tesoro Golden Eagle Refinery Martinez	CAD000072751	RCRA			CG	\$2,285,280.00
110	TFX Aviation, Inc.	CAD008383127	RCRA			Ins	\$5,771,832.00
111	TP Industrial, Inc.	CAD097465132	RCRA			Ins	\$4,700,000.00
112	Travis Air Force Base	CA5570024575	RCRA	Exempt	Exempt	Exempt	Exempt

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No.	Facility Name	EPA ID Number	Regulatory Status	Closure Mechanism Type	Closure Amount	Post-Closure Mechanism Type	Post-Closure Amount
113	USS-POSCO Industries	CAD009150194	RCRA			LOC	\$279,404.00
114	Veolia ES Technical Solutions, LLC Azusa	CAD008302903	RCRA	SB/P	\$4,656,545.00		
115	Veolia ES Technical Solutions, LLC Richmond	CAT080014079	RCRA	SB/P	\$780,598.95		
116	West County Landfill, Inc.	CAD041844002	RCRA			LOC	\$31,197,586.00
117	WIT Sales and Refining	CAD980888598	Standardized	CD	\$52,074.07		
118	World Oil - San Joaquin, LLC	CAL000102751	Standardized	LOC	\$156,530.77		
	TOTALS				\$254,099,715.03		\$343,570,041.80