

Mercury Data from Petroleum Refineries (2000 to 2003)

Facility	Date	GTLT	Value	Unit
Chevron Richmond Refinery	1/4/2000		0.0622	ug/l
Chevron Richmond Refinery	2/2/2000		0.0329	ug/l
Chevron Richmond Refinery	3/2/2000		0.018	ug/l
Chevron Richmond Refinery	4/4/2000		0.0077	ug/l
Chevron Richmond Refinery	5/5/2000		0.0094	ug/l
Chevron Richmond Refinery	6/6/2000		0.0096	ug/l
Chevron Richmond Refinery	7/6/2000		0.0165	ug/l
Chevron Richmond Refinery	8/3/2000		0.00695	ug/l
Chevron Richmond Refinery	9/6/2000		0.0068	ug/l
Chevron Richmond Refinery	10/3/2000		0.00685	ug/l
Chevron Richmond Refinery	11/2/2000		0.0114	ug/l
Chevron Richmond Refinery	12/5/2000		0.0317	ug/l
Chevron Richmond Refinery	1/3/2001		0.00873	ug/l
Chevron Richmond Refinery	2/6/2001		0.0137	ug/l
Chevron Richmond Refinery	3/6/2001		0.0135	ug/l
Chevron Richmond Refinery	4/3/2001		0.00561	ug/l
Chevron Richmond Refinery	5/2/2001		0.0058	ug/l
Chevron Richmond Refinery	6/5/2001		0.0077	ug/l
Chevron Richmond Refinery	7/5/2001		0.0076	ug/l
Chevron Richmond Refinery	8/1/2001		0.011	ug/l
Chevron Richmond Refinery	9/5/2001		0.011	ug/l
Chevron Richmond Refinery	10/4/2001		0.008	ug/l
Chevron Richmond Refinery	11/5/2001		0.012	ug/l
Chevron Richmond Refinery	12/4/2001		0.094	ug/l
Chevron Richmond Refinery	1/1/2002		0.104	ug/l
Chevron Richmond Refinery	1/21/2002		0.015	ug/l
Chevron Richmond Refinery	1/22/2002		0.014	ug/l
Chevron Richmond Refinery	1/23/2002		0.014	ug/l
Chevron Richmond Refinery	2/5/2002		0.032	ug/l
Chevron Richmond Refinery	3/4/2002		0.031	ug/l
Chevron Richmond Refinery	4/3/2002		0.026	ug/l
Chevron Richmond Refinery	5/1/2002		0.012	ug/l
Chevron Richmond Refinery	6/5/2002		0.021	ug/l
Chevron Richmond Refinery	7/1/2002		0.034	ug/l
Chevron Richmond Refinery	8/6/2002		0.018	ug/l
Chevron Richmond Refinery	9/4/2002		0.016	ug/l
Chevron Richmond Refinery	10/2/2002		0.0083	ug/l
Chevron Richmond Refinery	11/5/2002		0.023	ug/l
Chevron Richmond Refinery	12/4/2002		0.024	ug/l
Chevron Richmond Refinery	12/14/2002	*	0.6	ug/l
Chevron Richmond Refinery	12/15/2002	*	0.029	ug/l
Chevron Richmond Refinery	12/16/2002	*	0.12	ug/l
Chevron Richmond Refinery	12/17/2002	*	0.057	ug/l
Chevron Richmond Refinery	12/18/2002	*	0.12	ug/l
Chevron Richmond Refinery	12/20/2002	*	0.036	ug/l
Chevron Richmond Refinery	12/21/2002	*	0.032	ug/l
Chevron Richmond Refinery	12/22/2002	*	0.023	ug/l

Facility	Date	GTLT	Value	Unit
Chevron Richmond Refinery	12/23/2002	*	0.021	ug/l
Chevron Richmond Refinery	1/7/2003		0.0123	ug/l
Chevron Richmond Refinery	1/13/2003		0.016	ug/l
Chevron Richmond Refinery	1/14/2003		0.015	ug/l
Chevron Richmond Refinery	1/15/2003		0.011	ug/l
Chevron Richmond Refinery	1/16/2003		0.011	ug/l
Chevron Richmond Refinery	1/22/2003		0.011	ug/l
Chevron Richmond Refinery	1/29/2003		0.012	ug/l
Chevron Richmond Refinery	2/4/2003		0.01	ug/l
Chevron Richmond Refinery	2/12/2003		0.0088	ug/l
Chevron Richmond Refinery	2/20/2003		0.0081	ug/l
Chevron Richmond Refinery	2/26/2003		0.11	ug/l
Chevron Richmond Refinery	3/5/2003		0.0067	ug/l
Chevron Richmond Refinery	4/2/2003		0.0012	ug/l
Chevron Richmond Refinery	5/6/2003		0.01	ug/l
Chevron Richmond Refinery	6/2/2003		0.0098	ug/l
Chevron Richmond Refinery	7/7/2003		0.008	ug/l
Chevron Richmond Refinery	8/4/2003		0.0064	ug/l
Chevron Richmond Refinery	9/3/2003		0.0098	ug/l
Chevron Richmond Refinery	10/1/2003		0.005	ug/l
Chevron Richmond Refinery	11/3/2003		0.0082	ug/l
Chevron Richmond Refinery	12/3/2003		0.018	ug/l
ConocoPhillips (at Rodeo)	1/5/2000		0.00681	ug/l
ConocoPhillips (at Rodeo)	2/4/2000		0.0185	ug/l
ConocoPhillips (at Rodeo)	3/1/2000		0.015	ug/l
ConocoPhillips (at Rodeo)	4/5/2000		0.00763	ug/l
ConocoPhillips (at Rodeo)	5/1/2000		0.0123	ug/l
ConocoPhillips (at Rodeo)	5/1/2000		0.0123	ug/l
ConocoPhillips (at Rodeo)	6/1/2000		0.00709	ug/l
ConocoPhillips (at Rodeo)	7/11/2000		0.0104	ug/l
ConocoPhillips (at Rodeo)	8/2/2000		0.00365	ug/l
ConocoPhillips (at Rodeo)	9/5/2000		0.00658	ug/l
ConocoPhillips (at Rodeo)	10/2/2000		0.00776	ug/l
ConocoPhillips (at Rodeo)	11/1/2000		0.032	ug/l
ConocoPhillips (at Rodeo)	12/5/2000		0.0227	ug/l
ConocoPhillips (at Rodeo)	1/3/2001		0.0195	ug/l
ConocoPhillips (at Rodeo)	2/1/2001		0.018	ug/l
ConocoPhillips (at Rodeo)	3/1/2001		0.0215	ug/l
ConocoPhillips (at Rodeo)	4/4/2001		0.0665	ug/l
ConocoPhillips (at Rodeo)	5/1/2001		0.052	ug/l
ConocoPhillips (at Rodeo)	6/5/2001	*	0.518	ug/l
ConocoPhillips (at Rodeo)	6/12/2001		0.0133	ug/l
ConocoPhillips (at Rodeo)	6/13/2001		0.0141	ug/l
ConocoPhillips (at Rodeo)	7/2/2001		0.043	ug/l
ConocoPhillips (at Rodeo)	8/1/2001		0.037	ug/l
ConocoPhillips (at Rodeo)	9/6/2001		0.017	ug/l
ConocoPhillips (at Rodeo)	10/2/2001		0.012	ug/l
ConocoPhillips (at Rodeo)	11/1/2001		0.02	ug/l
ConocoPhillips (at Rodeo)	12/29/2001		0.01	ug/l

Facility	Date	GTLT	Value	Unit
ConocoPhillips (at Rodeo)	1/9/2002		0.032	ug/l
ConocoPhillips (at Rodeo)	2/4/2002		0.058	ug/l
ConocoPhillips (at Rodeo)	3/4/2002		0.057	ug/l
ConocoPhillips (at Rodeo)	4/2/2002		0.011	ug/l
ConocoPhillips (at Rodeo)	5/1/2002		0.063	ug/l
ConocoPhillips (at Rodeo)	6/3/2002		0.028	ug/l
ConocoPhillips (at Rodeo)	7/2/2002		0.017	ug/l
ConocoPhillips (at Rodeo)	8/1/2002		0.01	ug/l
ConocoPhillips (at Rodeo)	9/3/2002		0.023	ug/l
ConocoPhillips (at Rodeo)	10/1/2002		0.013	ug/l
ConocoPhillips (at Rodeo)	11/4/2002		0.0057	ug/l
ConocoPhillips (at Rodeo)	12/2/2002		0.0054	ug/l
ConocoPhillips (at Rodeo)	1/2/2003		0.0057	ug/l
ConocoPhillips (at Rodeo)	2/3/2003		0.018	ug/l
ConocoPhillips (at Rodeo)	3/4/2003		0.0036	ug/l
ConocoPhillips (at Rodeo)	4/1/2003		0.0056	ug/l
ConocoPhillips (at Rodeo)	5/1/2003		0.0056	ug/l
ConocoPhillips (at Rodeo)	6/3/2003		0.018	ug/l
ConocoPhillips (at Rodeo)	7/2/2003		0.014	ug/l
ConocoPhillips (at Rodeo)	8/4/2003		0.031	ug/l
ConocoPhillips (at Rodeo)	9/2/2003		0.0093	ug/l
ConocoPhillips (at Rodeo)	10/1/2003		0.025	ug/l
ConocoPhillips (at Rodeo)	11/3/2003		0.012	ug/l
Martinez Refining Company	12/1/2003		0.013	ug/l
Martinez Refining Company	1/4/2000		0.008	ug/l
Martinez Refining Company	2/1/2000		0.026	ug/l
Martinez Refining Company	3/8/2000	*	0.092	ug/l
Martinez Refining Company	4/6/2000		0.003	ug/l
Martinez Refining Company	5/2/2000		0.011	ug/l
Martinez Refining Company	6/1/2000		0.016	ug/l
Martinez Refining Company	7/5/2000		0.004	ug/l
Martinez Refining Company	8/1/2000		0.004	ug/l
Martinez Refining Company	9/6/2000		0.01	ug/l
Martinez Refining Company	10/4/2000		0.008	ug/l
Martinez Refining Company	11/2/2000		0.006	ug/l
Martinez Refining Company	12/5/2000		0.006	ug/l
Martinez Refining Company	1/3/2001		0.009	ug/l
Martinez Refining Company	2/5/2001		0.005	ug/l
Martinez Refining Company	3/9/2001		0.008	ug/l
Martinez Refining Company	4/3/2001		0.0062	ug/l
Martinez Refining Company	5/2/2001		0.011	ug/l
Martinez Refining Company	6/6/2001		0.0083	ug/l
Martinez Refining Company	7/2/2001		0.011	ug/l
Martinez Refining Company	8/8/2001		0.012	ug/l
Martinez Refining Company	9/5/2001		0.006	ug/l
Martinez Refining Company	10/3/2001		0.0065	ug/l
Martinez Refining Company	11/6/2001		0.012	ug/l
Martinez Refining Company	12/4/2001		0.0023	ug/l
Martinez Refining Company	1/2/2002		0.0014	ug/l

Facility	Date	GTLT	Value	Unit
Martinez Refining Company	2/4/2002		0.0385	ug/l
Martinez Refining Company	3/5/2002		0.0042	ug/l
Martinez Refining Company	4/3/2002		0.0062	ug/l
Martinez Refining Company	5/1/2002		0.0043	ug/l
Martinez Refining Company	6/4/2002		0.0046	ug/l
Martinez Refining Company	7/2/2002		0.0038	ug/l
Martinez Refining Company	8/6/2002		0.0038	ug/l
Martinez Refining Company	9/4/2002		0.0022	ug/l
Martinez Refining Company	10/2/2002		0.0037	ug/l
Martinez Refining Company	11/5/2002		0.011	ug/l
Martinez Refining Company	12/4/2002		0.0008	ug/l
Martinez Refining Company	1/2/2003		0.059	ug/l
Martinez Refining Company	2/3/2003	*	0.134	ug/l
Martinez Refining Company	2/24/2003	*	0.051	ug/l
Martinez Refining Company	2/26/2003	*	0.26	ug/l
Martinez Refining Company	2/27/2003	*	0.28	ug/l
Martinez Refining Company	2/28/2003	*	0.234	ug/l
Martinez Refining Company	3/1/2003	*	0.16	ug/l
Martinez Refining Company	3/2/2003	*	0.2	ug/l
Martinez Refining Company	3/3/2003	*	0.2	ug/l
Martinez Refining Company	3/4/2003	*	0.21	ug/l
Martinez Refining Company	3/5/2003		0.022	ug/l
Martinez Refining Company	3/6/2003		0.0035	ug/l
Martinez Refining Company	3/7/2003		0.084	ug/l
Martinez Refining Company	3/8/2003		0.02	ug/l
Martinez Refining Company	3/9/2003		0.029	ug/l
Martinez Refining Company	3/10/2003		0.0072	ug/l
Martinez Refining Company	3/11/2003		0.0033	ug/l
Martinez Refining Company	3/12/2003		0.0046	ug/l
Martinez Refining Company	3/13/2003		0.003	ug/l
Martinez Refining Company	3/14/2003		0.021	ug/l
Martinez Refining Company	3/15/2003		0.0079	ug/l
Martinez Refining Company	3/16/2003		0.0052	ug/l
Martinez Refining Company	3/17/2003		0.0036	ug/l
Martinez Refining Company	3/18/2003		0.0029	ug/l
Martinez Refining Company	3/19/2003		0.0038	ug/l
Martinez Refining Company	3/20/2003		0.0021	ug/l
Martinez Refining Company	3/21/2003		0.0042	ug/l
Martinez Refining Company	3/22/2003		0.0038	ug/l
Martinez Refining Company	3/23/2003		0.0035	ug/l
Martinez Refining Company	3/24/2003		0.0045	ug/l
Martinez Refining Company	3/25/2003		0.0048	ug/l
Martinez Refining Company	3/26/2003		0.0045	ug/l
Martinez Refining Company	3/27/2003		0.006	ug/l
Martinez Refining Company	3/28/2003		0.0044	ug/l
Martinez Refining Company	3/29/2003		0.0021	ug/l
Martinez Refining Company	3/30/2003		0.0018	ug/l
Martinez Refining Company	3/31/2003		0.0018	ug/l
Martinez Refining Company	4/2/2003		0.0022	ug/l

Facility	Date	GTLT	Value	Unit
Martinez Refining Company	5/1/2003		0.0026	ug/l
Martinez Refining Company	6/3/2003		0.002	ug/l
Martinez Refining Company	7/2/2003		0.0033	ug/l
Martinez Refining Company	8/5/2003		0.013	ug/l
Martinez Refining Company	9/3/2003		0.0098	ug/l
Martinez Refining Company	10/1/2003		0.0015	ug/l
Martinez Refining Company	11/4/2003		0.0012	ug/l
Tesoro Golden Eagle Refinery	12/3/2003		0.0016	ug/l
Tesoro Golden Eagle Refinery	1/5/2000		0.0087	ug/l
Tesoro Golden Eagle Refinery	2/1/2000		0.00681	ug/l
Tesoro Golden Eagle Refinery	2/7/2000		0.00687	ug/l
Tesoro Golden Eagle Refinery	3/1/2000		0.00474	ug/l
Tesoro Golden Eagle Refinery	4/4/2000		0.0196	ug/l
Tesoro Golden Eagle Refinery	5/1/2000		0.00305	ug/l
Tesoro Golden Eagle Refinery	6/1/2000		0.00396	ug/l
Tesoro Golden Eagle Refinery	7/11/2000		0.0043	ug/l
Tesoro Golden Eagle Refinery	8/2/2000		0.0042	ug/l
Tesoro Golden Eagle Refinery	9/5/2000		0.0031	ug/l
Tesoro Golden Eagle Refinery	10/9/2000		0.004	ug/l
Tesoro Golden Eagle Refinery	11/1/2000		0.00099	ug/l
Tesoro Golden Eagle Refinery	12/12/2000		0.0073	ug/l
Tesoro Golden Eagle Refinery	1/2/2001		0.0079	ug/l
Tesoro Golden Eagle Refinery	2/6/2001		0.012	ug/l
Tesoro Golden Eagle Refinery	3/6/2001		0.0053	ug/l
Tesoro Golden Eagle Refinery	4/3/2001		0.0058	ug/l
Tesoro Golden Eagle Refinery	5/1/2001		0.0033	ug/l
Tesoro Golden Eagle Refinery	6/6/2001		0.0053	ug/l
Tesoro Golden Eagle Refinery	7/6/2001		0.0034	ug/l
Tesoro Golden Eagle Refinery	8/1/2001		0.0047	ug/l
Tesoro Golden Eagle Refinery	9/5/2001		0.0057	ug/l
Tesoro Golden Eagle Refinery	10/2/2001		0.0011	ug/l
Tesoro Golden Eagle Refinery	11/5/2001		0.0012	ug/l
Tesoro Golden Eagle Refinery	12/3/2001		0.0375	ug/l
Tesoro Golden Eagle Refinery	1/2/2002		0.0085	ug/l
Tesoro Golden Eagle Refinery	2/1/2002		0.004	ug/l
Tesoro Golden Eagle Refinery	3/28/2002		0.0042	ug/l
Tesoro Golden Eagle Refinery	4/3/2002		0.0062	ug/l
Tesoro Golden Eagle Refinery	5/1/2002		0.012	ug/l
Tesoro Golden Eagle Refinery	6/5/2002		0.0036	ug/l
Tesoro Golden Eagle Refinery	7/2/2002		0.0044	ug/l
Tesoro Golden Eagle Refinery	8/6/2002		0.0044	ug/l
Tesoro Golden Eagle Refinery	9/3/2002		0.004	ug/l
Tesoro Golden Eagle Refinery	10/2/2002		0.0046	ug/l
Tesoro Golden Eagle Refinery	11/6/2002		0.0086	ug/l
Tesoro Golden Eagle Refinery	12/3/2002		0.0089	ug/l
Tesoro Golden Eagle Refinery	1/2/2003		0.0098	ug/l
Tesoro Golden Eagle Refinery	2/6/2003		0.0095	ug/l
Tesoro Golden Eagle Refinery	3/6/2003		0.0058	ug/l
Tesoro Golden Eagle Refinery	4/3/2003	J	0.00025	ug/l

Facility	Date	GTLT	Value	Unit
Tesoro Golden Eagle Refinery	5/1/2003		0.0102	ug/l
Tesoro Golden Eagle Refinery	6/5/2003		0.00638	ug/l
Tesoro Golden Eagle Refinery	7/2/2003		0.00365	ug/l
Tesoro Golden Eagle Refinery	8/5/2003	<	0.0005	ug/l
Tesoro Golden Eagle Refinery	9/3/2003		0.011	ug/l
Tesoro Golden Eagle Refinery	10/1/2003		0.0056	ug/l
Tesoro Golden Eagle Refinery	11/5/2003	<	0.0005	ug/l
Valero Benicia Refinery	12/3/2003		0.0016	ug/l
Valero Benicia Refinery	1/9/2000		0.0428	ug/l
Valero Benicia Refinery	2/2/2000		0.0189	ug/l
Valero Benicia Refinery	3/1/2000		0.0148	ug/l
Valero Benicia Refinery	5/3/2000		0.01	ug/l
Valero Benicia Refinery	6/7/2000		0.0092	ug/l
Valero Benicia Refinery	7/6/2000		0.007	ug/l
Valero Benicia Refinery	8/3/2000		0.008	ug/l
Valero Benicia Refinery	9/6/2000		0.0067	ug/l
Valero Benicia Refinery	10/3/2000		0.0052	ug/l
Valero Benicia Refinery	11/5/2000		0.0088	ug/l
Valero Benicia Refinery	12/10/2000		0.00901	ug/l
Valero Benicia Refinery	1/7/2001		0.0054	ug/l
Valero Benicia Refinery	2/6/2001		0.0062	ug/l
Valero Benicia Refinery	3/5/2001		0.0184	ug/l
Valero Benicia Refinery	4/8/2001		0.0243	ug/l
Valero Benicia Refinery	5/1/2001		0.0161	ug/l
Valero Benicia Refinery	6/5/2001		0.0173	ug/l
Valero Benicia Refinery	7/22/2001		0.02175	ug/l
Valero Benicia Refinery	7/26/2001		0.013	ug/l
Valero Benicia Refinery	8/1/2001		0.0113	ug/l
Valero Benicia Refinery	9/5/2001		0.014	ug/l
Valero Benicia Refinery	10/7/2001		0.0098	ug/l
Valero Benicia Refinery	11/6/2001		0.0093	ug/l
Valero Benicia Refinery	12/4/2001		0.009	ug/l
Valero Benicia Refinery	1/3/2002		0.0078	ug/l
Valero Benicia Refinery	2/5/2002		0.016	ug/l
Valero Benicia Refinery	3/5/2002		0.01	ug/l
Valero Benicia Refinery	4/3/2002		0.013	ug/l
Valero Benicia Refinery	5/5/2002		0.005	ug/l
Valero Benicia Refinery	6/4/2002		0.0049	ug/l
Valero Benicia Refinery	7/1/2002		0.013	ug/l
Valero Benicia Refinery	8/7/2002		0.0179	ug/l
Valero Benicia Refinery	8/15/2002		0.0112	ug/l
Valero Benicia Refinery	8/21/2002		0.0138	ug/l
Valero Benicia Refinery	8/27/2002	<	0.01	ug/l
Valero Benicia Refinery	9/8/2002		0.01375	ug/l
Valero Benicia Refinery	9/13/2002		0.0138	ug/l
Valero Benicia Refinery	9/16/2002		0.01	ug/l
Valero Benicia Refinery	9/26/2002		0.0112	ug/l
Valero Benicia Refinery	10/1/2002	<	0.0103	ug/l
Valero Benicia Refinery	10/9/2002		0.01	ug/l

Facility	Date	GTLT	Value	Unit
Valero Benicia Refinery	10/17/2002		0.015	ug/l
Valero Benicia Refinery	10/28/2002		0.01	ug/l
Valero Benicia Refinery	10/30/2002		0.0112	ug/l
Valero Benicia Refinery	11/7/2002		0.0178	ug/l
Valero Benicia Refinery	11/14/2002		0.017	ug/l
Valero Benicia Refinery	11/19/2002		0.0112	ug/l
Valero Benicia Refinery	11/24/2002		0.02	ug/l
Valero Benicia Refinery	12/3/2002		0.02045	ug/l
Valero Benicia Refinery	12/15/2002		0.031	ug/l
Valero Benicia Refinery	12/18/2002		0.018	ug/l
Valero Benicia Refinery	1/2/2003		0.011	ug/l
Valero Benicia Refinery	2/6/2003		0.013	ug/l
Valero Benicia Refinery	3/6/2003		0.01	ug/l
Valero Benicia Refinery	4/3/2003		0.008	ug/l
Valero Benicia Refinery	5/7/2003		0.0072	ug/l
Valero Benicia Refinery	6/5/2003		0.01	ug/l
Valero Benicia Refinery	7/1/2003		0.012	ug/l
Valero Benicia Refinery	8/7/2003		0.02	ug/l
Valero Benicia Refinery	9/7/2003		0.01	ug/l
Valero Benicia Refinery	10/5/2003		0.015	ug/l
Valero Benicia Refinery	11/5/2003		0.012	ug/l
Valero Benicia Refinery	12/2/2003		0.014	ug/l
Valero Benicia Refinery	12/30/2003		0.019	ug/l
Valero Benicia Refinery	12/31/2003		0.035	ug/l

* These data were not used to calculate performance-based limits because they are not representative of treatment plant performance. For Chevron, we removed nine mercury data points collected from December 14, 2002, through December 23, 2002, because elevated mercury concentrations appeared to be caused by solids containing high levels of mercury accumulating in sample lines, and therefore, were not representative of treatment plant performance. For ConocoPhillips, we removed a data point of 518 ng/L because visual observations of the mercury grab sample did not compare well with the composite total suspended sample collected on the same day. Finally, for Shell (Martinez Refining Company), we removed a data point of 92 ng/L because it occurred during a plant upset, and nine mercury samples collected from February 3, 2003, through March 4, 2003, because, similar to Chevron, these samples appeared to have been affected by solids containing high levels of mercury accumulating in the sample line, and therefore, were not representative of treatment plant performance.