

**Appendix F-1 Livermore (EBDA Common Outfall) Effluent Data
2002-2004 Used in Reasonable Potential Analysis**

CTR #	Constituent	Date	Result	Units
1	Antimony	01/02/02	<	5 µg/L
1	Antimony	02/06/02	<	5 µg/L
1	Antimony	03/06/02	<	5 µg/L
1	Antimony	04/03/02	<	5 µg/L
1	Antimony	05/01/02	<	5 µg/L
1	Antimony	06/05/02	<	5 µg/L
1	Antimony	07/10/02	<	5 µg/L
1	Antimony	08/07/02	<	5 µg/L
1	Antimony	09/04/02	<	5 µg/L
1	Antimony	10/02/02	<	5 µg/L
1	Antimony	11/06/02	<	5 µg/L
1	Antimony	12/04/02	<	5 µg/L
1	Antimony	01/08/03	<	5 µg/L
1	Antimony	02/05/03	<	5 µg/L
1	Antimony	08/06/03	<	5 µg/L
1	Antimony	02/04/04	<	5 µg/L
1	Antimony	08/04/04	<	4 µg/L
2	Arsenic	01/02/02	=	1.7 µg/L
2	Arsenic	02/06/02	J	0.9 µg/L
2	Arsenic	03/06/02	=	1 µg/L
2	Arsenic	04/03/02	J	0.8 µg/L
2	Arsenic	05/01/02	=	1 µg/L
2	Arsenic	06/05/02	=	1 µg/L
2	Arsenic	07/10/02	J	0.8 µg/L
2	Arsenic	08/07/02	J	0.9 µg/L
2	Arsenic	09/04/02	J	0.7 µg/L
2	Arsenic	10/02/02	J	0.8 µg/L
2	Arsenic	11/06/02	J	0.7 µg/L
2	Arsenic	12/04/02	J	0.8 µg/L
2	Arsenic	01/08/03	J	1 µg/L
2	Arsenic	02/05/03	J	0.8 µg/L
2	Arsenic	03/05/03	J	0.9 µg/L
2	Arsenic	04/02/03	=	1.2 µg/L
2	Arsenic	05/07/03	=	1 µg/L
2	Arsenic	06/04/03	=	1.2 µg/L
2	Arsenic	07/02/03	=	1 µg/L
2	Arsenic	08/06/03	J	0.8 µg/L
2	Arsenic	09/04/03	J	0.8 µg/L
2	Arsenic	10/01/03	=	1 µg/L
2	Arsenic	11/05/03	J	0.9 µg/L
2	Arsenic	12/03/03	J	0.9 µg/L
2	Arsenic	01/07/04	=	1.1 µg/L
2	Arsenic	02/04/04	=	1.4 µg/L
2	Arsenic	03/03/04	=	1.3 µg/L
2	Arsenic	04/07/04	J	0.9 µg/L
2	Arsenic	05/05/04	J	0.9 µg/L
2	Arsenic	06/02/04	J	0.9 µg/L
2	Arsenic	07/07/04	=	1 µg/L
2	Arsenic	08/04/04	J	0.8 µg/L

**Appendix F-1 Livermore (EBDA Common Outfall) Effluent Data
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CTR #	Constituent	Date	Result	Units
2	Arsenic	09/01/04	J	0.5 µg/L
2	Arsenic	10/06/04	J	0.8 µg/L
2	Arsenic	11/03/04	J	0.9 µg/L
2	Arsenic	12/01/04	J	0.7 µg/L
3	Beryllium	02/06/02	<	0.04 µg/L
3	Beryllium	08/07/02	<	0.04 µg/L
3	Beryllium	02/05/03	<	0.04 µg/L
3	Beryllium	08/06/03	<	0.04 µg/L
3	Beryllium	02/04/04	<	0.04 µg/L
3	Beryllium	08/04/04	J	0.052 µg/L
4	Cadmium	01/02/02	J	0.13 µg/L
4	Cadmium	02/06/02	J	0.14 µg/L
4	Cadmium	03/06/02	J	0.12 µg/L
4	Cadmium	04/03/02	J	0.22 µg/L
4	Cadmium	05/01/02	J	0.3 µg/L
4	Cadmium	06/05/02	J	0.1 µg/L
4	Cadmium	07/10/02	<	0.07 µg/L
4	Cadmium	08/07/02	J	0.19 µg/L
4	Cadmium	09/04/02	J	0.14 µg/L
4	Cadmium	10/02/02	J	0.24 µg/L
4	Cadmium	11/06/02	J	0.13 µg/L
4	Cadmium	12/04/02	J	0.12 µg/L
4	Cadmium	01/08/03	J	0.12 µg/L
4	Cadmium	02/05/03	J	0.9 µg/L
4	Cadmium	03/05/03	J	0.14 µg/L
4	Cadmium	04/02/03	J	0.13 µg/L
4	Cadmium	05/07/03	J	0.08 µg/L
4	Cadmium	06/04/03	J	0.08 µg/L
4	Cadmium	07/02/03	J	0.09 µg/L
4	Cadmium	08/06/03	J	0.25 µg/L
4	Cadmium	09/04/03	J	0.18 µg/L
4	Cadmium	10/01/03	J	0.13 µg/L
4	Cadmium	11/05/03	J	0.09 µg/L
4	Cadmium	12/03/03	J	0.13 µg/L
4	Cadmium	01/07/04	J	0.22 µg/L
4	Cadmium	02/04/04	J	0.12 µg/L
4	Cadmium	03/03/04	J	0.12 µg/L
4	Cadmium	04/07/04	J	0.32 µg/L
4	Cadmium	05/05/04	J	0.09 µg/L
4	Cadmium	06/02/04	J	0.16 µg/L
4	Cadmium	07/07/04	J	0.14 µg/L
4	Cadmium	08/04/04	J	0.21 µg/L
4	Cadmium	09/01/04	J	0.14 µg/L
4	Cadmium	10/06/04	J	0.1 µg/L
4	Cadmium	11/03/04	J	0.19 µg/L
4	Cadmium	12/01/04	J	0.13 µg/L
5	Chromium	01/02/02	=	1.5 µg/L
5	Chromium	02/06/02	=	1.8 µg/L
5	Chromium	03/06/02	=	1.9 µg/L

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CTR #	Constituent	Date		Result	Units
5	Chromium	04/03/02	=	1.3	µg/L
5	Chromium	05/01/02	=	1.2	µg/L
5	Chromium	06/05/02	J	0.97	µg/L
5	Chromium	07/10/02	J	0.98	µg/L
5	Chromium	08/07/02	<	0.90	µg/L
5	Chromium	09/04/02	=	1.5	µg/L
5	Chromium	10/02/02	=	1.8	µg/L
5	Chromium	11/06/02	<	0.90	µg/L
5	Chromium	12/04/02	=	1.4	µg/L
5	Chromium	01/08/03	=	1.1	µg/L
5	Chromium	02/05/03	=	1.5	µg/L
5	Chromium	03/05/03	=	1.1	µg/L
5	Chromium	04/02/03	=	1.8	µg/L
5	Chromium	05/07/03	=	1.6	µg/L
5	Chromium	06/04/03	=	1.3	µg/L
5	Chromium	07/02/03	=	1.4	µg/L
5	Chromium	08/06/03	=	1.1	µg/L
5	Chromium	09/04/03	J	0.95	µg/L
5	Chromium	10/01/03	=	1.2	µg/L
5	Chromium	11/05/03	J	0.99	µg/L
5	Chromium	12/03/03	J	0.99	µg/L
5	Chromium	01/07/04	=	1.1	µg/L
5	Chromium	02/04/04	=	1.5	µg/L
5	Chromium	03/03/04	=	1.6	µg/L
5	Chromium	04/07/04	=	1.1	µg/L
5	Chromium	05/05/04	=	1.0	µg/L
5	Chromium	06/02/04	J	1.9	µg/L
5	Chromium	07/07/04	=	1.3	µg/L
5	Chromium	08/04/04	=	1.4	µg/L
5	Chromium	09/01/04	J	0.92	µg/L
5	Chromium	10/06/04	J	0.91	µg/L
5	Chromium	11/03/04	J	0.99	µg/L
5	Chromium	12/01/04	J	0.94	µg/L
6	Copper	01/02/02	=	13.9	µg/L
6	Copper	02/06/02	=	13.7	µg/L
6	Copper	03/06/02	=	12.2	µg/L
6	Copper	04/03/02	=	13.8	µg/L
6	Copper	05/01/02	=	14.4	µg/L
6	Copper	06/05/02	=	15.8	µg/L
6	Copper	07/10/02	J	10.0	µg/L
6	Copper	08/07/02	=	12.7	µg/L
6	Copper	09/04/02	=	10.5	µg/L
6	Copper	10/02/02	=	11.9	µg/L
6	Copper	11/06/02	=	11.9	µg/L
6	Copper	12/04/02	=	9.03	µg/L
6	Copper	01/08/03	=	11.6	µg/L
6	Copper	02/05/03	=	13.8	µg/L
6	Copper	03/05/03	=	10.3	µg/L
6	Copper	04/02/03	=	15.8	µg/L

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CTR #	Constituent	Date		Result	Units
6	Copper	05/07/03	=	14.3	µg/L
6	Copper	06/04/03	=	17.0	µg/L
6	Copper	07/02/03	=	14.6	µg/L
6	Copper	08/06/03	=	13.4	µg/L
6	Copper	09/04/03	=	12.8	µg/L
6	Copper	10/01/03	=	18.3	µg/L
6	Copper	11/05/03	=	12.5	µg/L
6	Copper	12/03/03	=	11.0	µg/L
6	Copper	01/07/04	=	12.2	µg/L
6	Copper	02/04/04	=	12.6	µg/L
6	Copper	03/03/04	=	11.7	µg/L
6	Copper	04/07/04	=	12.8	µg/L
6	Copper	05/05/04	=	13.9	µg/L
6	Copper	06/02/04	<	7.7	µg/L
6	Copper	07/07/04	=	15.3	µg/L
6	Copper	08/04/04	=	14.8	µg/L
6	Copper	09/01/04	<	5.5	µg/L
6	Copper	10/06/04	=	12.9	µg/L
6	Copper	11/03/04	=	6.31	µg/L
6	Copper	12/01/04	=	13.3	µg/L
7	Lead	01/02/02	<	0.9	µg/L
7	Lead	02/06/02	<	0.9	µg/L
7	Lead	03/06/02	J	1.2	µg/L
7	Lead	04/03/02	=	2	µg/L
7	Lead	05/01/02	J	1.3	µg/L
7	Lead	06/05/02	<	0.9	µg/L
7	Lead	07/10/02	<	0.9	µg/L
7	Lead	08/07/02	<	0.9	µg/L
7	Lead	09/04/02	J	1.3	µg/L
7	Lead	10/02/02	<	0.9	µg/L
7	Lead	11/06/02	<	0.9	µg/L
7	Lead	12/04/02	J	1.1	µg/L
7	Lead	01/08/03	<	0.9	µg/L
7	Lead	02/05/03	<	0.9	µg/L
7	Lead	03/05/03	J	1	µg/L
7	Lead	04/02/03	<	0.9	µg/L
7	Lead	05/07/03	<	0.9	µg/L
7	Lead	06/04/03	<	0.9	µg/L
7	Lead	07/02/03	J	1.2	µg/L
7	Lead	08/06/03	J	1.4	µg/L
7	Lead	09/04/03	<	0.9	µg/L
7	Lead	10/01/03	<	0.9	µg/L
7	Lead	11/05/03	J	1.9	µg/L
7	Lead	12/03/03	=	3.5	µg/L
7	Lead	01/07/04	J	1.1	µg/L
7	Lead	02/04/04	=	4	µg/L
7	Lead	03/03/04	=	3.7	µg/L
7	Lead	04/07/04	=	3.1	µg/L
7	Lead	05/05/04	=	4.4	µg/L

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CTR #	Constituent	Date		Result	Units
7	Lead	06/02/04	<	0.8	µg/L
7	Lead	07/07/04	<	0.8	µg/L
7	Lead	08/04/04	=	4.6	µg/L
7	Lead	09/01/04	=	6	µg/L
7	Lead	10/06/04	=	6.2	µg/L
7	Lead	11/03/04	=	4.2	µg/L
7	Lead	12/01/04	=	3.9	µg/L
8	Mercury	01/02/02	=	0.038	µg/L
8	Mercury	02/06/02	=	0.025	µg/L
8	Mercury	03/06/02	=	0.020	µg/L
8	Mercury	04/03/02	=	0.038	µg/L
8	Mercury	05/01/02	=	0.026	µg/L
8	Mercury	06/05/02	=	0.03	µg/L
8	Mercury	07/10/02	=	0.033	µg/L
8	Mercury	08/07/02	=	0.04	µg/L
8	Mercury	09/04/02	=	0.031	µg/L
8	Mercury	10/02/02	=	0.024	µg/L
8	Mercury	11/06/02	=	0.019	µg/L
8	Mercury	12/04/02	=	0.023	µg/L
8	Mercury	01/08/03	=	0.019	µg/L
8	Mercury	02/05/03	=	0.029	µg/L
8	Mercury	03/05/03	=	0.023	µg/L
8	Mercury	04/02/03	=	0.032	µg/L
8	Mercury	05/07/03	=	0.049	µg/L
8	Mercury	06/04/03	=	0.017	µg/L
8	Mercury	07/02/03	=	0.019	µg/L
8	Mercury	08/06/03	=	0.013	µg/L
8	Mercury	09/04/03	=	0.016	µg/L
8	Mercury	10/01/03	=	0.019	µg/L
8	Mercury	11/05/03	=	0.0149	µg/L
8	Mercury	12/03/03	=	0.00866	µg/L
8	Mercury	01/07/04	=	0.014	µg/L
8	Mercury	02/04/04	=	0.024	µg/L
8	Mercury	03/03/04	=	0.0167	µg/L
8	Mercury	04/07/04	=	0.0139	µg/L
8	Mercury	05/05/04	=	0.0123	µg/L
8	Mercury	06/02/04	=	0.0142	µg/L
8	Mercury	07/07/04	=	0.0182	µg/L
8	Mercury	08/04/04	=	0.0145	µg/L
8	Mercury	09/01/04	=	0.035	µg/L
8	Mercury	10/06/04	=	0.0144	µg/L
8	Mercury	11/03/04	=	0.0161	µg/L
8	Mercury	12/01/04	=	0.0111	µg/L
9	Nickel	01/02/02	=	5.5	µg/L
9	Nickel	02/06/02	<	5.0	µg/L
9	Nickel	03/06/02	<	5.0	µg/L
9	Nickel	04/03/02	=	6.7	µg/L
9	Nickel	05/01/02	=	9.0	µg/L
9	Nickel	06/05/02	<	5.0	µg/L

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CTR #	Constituent	Date		Result	Units
9	Nickel	07/10/02	=	5.1	µg/L
9	Nickel	08/07/02	=	7.5	µg/L
9	Nickel	09/04/02	=	5.3	µg/L
9	Nickel	10/02/02	<	5.0	µg/L
9	Nickel	11/06/02	<	5.0	µg/L
9	Nickel	12/04/02	<	5.0	µg/L
9	Nickel	01/08/03	=	8.4	µg/L
9	Nickel	02/05/03	=	9.1	µg/L
9	Nickel	03/05/03	<	5.0	µg/L
9	Nickel	04/02/03	=	5.7	µg/L
9	Nickel	05/07/03	=	6.0	µg/L
9	Nickel	06/04/03	=	8.2	µg/L
9	Nickel	07/02/03	=	6.6	µg/L
9	Nickel	08/06/03	=	7.4	µg/L
9	Nickel	09/04/03	<	5.0	µg/L
9	Nickel	10/01/03	=	5.8	µg/L
9	Nickel	11/05/03	=	5.9	µg/L
9	Nickel	12/03/03	<	5.0	µg/L
9	Nickel	01/07/04	=	5.6	µg/L
9	Nickel	02/04/04	=	5.4	µg/L
9	Nickel	03/03/04	=	5.5	µg/L
9	Nickel	04/07/04	<	5.0	µg/L
9	Nickel	05/05/04	<	5.0	µg/L
9	Nickel	06/02/04	J	4.1	µg/L
9	Nickel	07/07/04	J	3.8	µg/L
9	Nickel	08/04/04	=	6.1	µg/L
9	Nickel	09/01/04	=	15.0	µg/L
9	Nickel	10/06/04	J	3.3	µg/L
9	Nickel	11/03/04	J	2.9	µg/L
9	Nickel	12/01/04	=	5.0	µg/L
10	Selenium	01/02/02	J	0.70	µg/L
10	Selenium	02/06/02	J	0.60	µg/L
10	Selenium	03/06/02	J	0.40	µg/L
10	Selenium	04/03/02	=	1.4	µg/L
10	Selenium	05/01/02	J	0.50	µg/L
10	Selenium	06/05/02	J	0.70	µg/L
10	Selenium	07/10/02	J	0.60	µg/L
10	Selenium	08/07/02	J	0.70	µg/L
10	Selenium	09/04/02	J	0.40	µg/L
10	Selenium	10/02/02	J	0.40	µg/L
10	Selenium	11/06/02	J	0.30	µg/L
10	Selenium	12/04/02	J	0.50	µg/L
10	Selenium	01/08/03	J	0.60	µg/L
10	Selenium	02/05/03	J	0.50	µg/L
10	Selenium	03/05/03	J	0.60	µg/L
10	Selenium	04/02/03	J	0.50	µg/L
10	Selenium	05/07/03	J	0.40	µg/L
10	Selenium	06/04/03	J	0.50	µg/L
10	Selenium	07/02/03	J	0.50	µg/L

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CTR #	Constituent	Date		Result	Units
10	Selenium	08/06/03	J	0.60	µg/L
10	Selenium	09/04/03	J	0.40	µg/L
10	Selenium	10/01/03	J	0.40	µg/L
10	Selenium	11/05/03	J	0.50	µg/L
10	Selenium	12/03/03	J	0.70	µg/L
10	Selenium	01/07/04	J	0.70	µg/L
10	Selenium	02/04/04	J	0.80	µg/L
10	Selenium	03/03/04	J	0.70	µg/L
10	Selenium	04/07/04	J	0.60	µg/L
10	Selenium	05/05/04	J	0.50	µg/L
10	Selenium	06/02/04	J	0.50	µg/L
10	Selenium	07/07/04	J	0.50	µg/L
10	Selenium	08/04/04	J	0.60	µg/L
10	Selenium	09/01/04	J	0.30	µg/L
10	Selenium	10/06/04	J	0.40	µg/L
10	Selenium	11/03/04	J	0.30	µg/L
10	Selenium	12/01/04	J	0.60	µg/L
11	Silver	01/02/02	J	0.46	µg/L
11	Silver	02/06/02	J	0.66	µg/L
11	Silver	03/06/02	J	0.73	µg/L
11	Silver	04/03/02	J	0.64	µg/L
11	Silver	05/01/02	J	0.56	µg/L
11	Silver	06/05/02	J	0.18	µg/L
11	Silver	07/10/02	J	0.33	µg/L
11	Silver	08/07/02	J	0.46	µg/L
11	Silver	09/04/02	J	0.17	µg/L
11	Silver	10/02/02	J	0.44	µg/L
11	Silver	11/06/02	J	0.77	µg/L
11	Silver	12/04/02	J	0.45	µg/L
11	Silver	01/08/03	J	0.52	µg/L
11	Silver	02/05/03	J	0.45	µg/L
11	Silver	03/05/03	J	0.51	µg/L
11	Silver	04/02/03	J	0.51	µg/L
11	Silver	05/07/03	J	0.34	µg/L
11	Silver	06/04/03	J	0.57	µg/L
11	Silver	07/02/03	J	0.48	µg/L
11	Silver	08/06/03	J	0.37	µg/L
11	Silver	09/04/03	J	0.69	µg/L
11	Silver	10/01/03	J	0.32	µg/L
11	Silver	11/05/03	J	0.82	µg/L
11	Silver	12/03/03	J	0.64	µg/L
11	Silver	01/07/04	J	0.42	µg/L
11	Silver	02/04/04	J	0.42	µg/L
11	Silver	03/03/04	J	0.49	µg/L
11	Silver	04/07/04	J	0.54	µg/L
11	Silver	05/05/04	J	0.41	µg/L
11	Silver	06/02/04	J	0.38	µg/L
11	Silver	07/07/04	J	0.20	µg/L
11	Silver	08/04/04	J	0.30	µg/L

**Appendix F-1 Livermore (EBDA Common Outfall) Effluent Data
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CTR #	Constituent	Date	Result	Units
11	Silver	09/01/04	J 0.19	µg/L
11	Silver	10/06/04	J 0.31	µg/L
11	Silver	11/03/04	J 0.32	µg/L
11	Silver	12/01/04	J 0.44	µg/L
12	Thallium	01/02/02	< 3	µg/L
12	Thallium	02/06/02	< 3	µg/L
12	Thallium	03/06/02	< 3	µg/L
12	Thallium	04/03/02	< 3	µg/L
12	Thallium	05/01/02	< 3	µg/L
12	Thallium	06/05/02	< 3	µg/L
12	Thallium	07/10/02	< 3	µg/L
12	Thallium	08/07/02	< 3	µg/L
12	Thallium	09/04/02	< 3	µg/L
12	Thallium	10/02/02	< 3	µg/L
12	Thallium	11/06/02	< 3	µg/L
12	Thallium	12/04/02	< 3	µg/L
12	Thallium	01/08/03	< 3	µg/L
12	Thallium	02/05/03	< 3	µg/L
12	Thallium	08/06/03	< 0.03	µg/L
12	Thallium	02/04/04	< 0.23	µg/L
12	Thallium	08/04/04	J 0.31	µg/L
13	Zinc	01/02/02	= 54	µg/L
13	Zinc	02/06/02	= 60.8	µg/L
13	Zinc	03/06/02	= 38.1	µg/L
13	Zinc	04/03/02	= 51.9	µg/L
13	Zinc	05/01/02	= 62.8	µg/L
13	Zinc	06/05/02	= 40.6	µg/L
13	Zinc	07/10/02	= 36.4	µg/L
13	Zinc	08/07/02	= 53.2	µg/L
13	Zinc	09/04/02	= 32.2	µg/L
13	Zinc	10/02/02	= 36.6	µg/L
13	Zinc	11/06/02	= 40.0	µg/L
13	Zinc	12/04/02	= 35.9	µg/L
13	Zinc	01/08/03	= 31.8	µg/L
13	Zinc	02/05/03	= 33.5	µg/L
13	Zinc	03/05/03	= 35.9	µg/L
13	Zinc	04/02/03	= 35.9	µg/L
13	Zinc	05/07/03	= 40.6	µg/L
13	Zinc	06/04/03	= 37.6	µg/L
13	Zinc	07/02/03	= 43.1	µg/L
13	Zinc	08/06/03	= 50.7	µg/L
13	Zinc	09/04/03	= 33.9	µg/L
13	Zinc	10/01/03	= 193	µg/L
13	Zinc	11/05/03	= 32.7	µg/L
13	Zinc	12/03/03	= 32.9	µg/L
13	Zinc	01/07/04	= 35.5	µg/L
13	Zinc	02/04/04	= 34	µg/L
13	Zinc	03/03/04	= 35.2	µg/L
13	Zinc	04/07/04	= 35.5	µg/L

**Appendix F-1 Livermore (EBDA Common Outfall) Effluent Data
2002-2004 Used in Reasonable Potential Analysis**

CTR #	Constituent	Date		Result	Units
13	Zinc	05/05/04	=	56.6	µg/L
13	Zinc	06/02/04	=	38.1	µg/L
13	Zinc	07/07/04	=	33.0	µg/L
13	Zinc	08/04/04	=	94.9	µg/L
13	Zinc	09/01/04	=	30.2	µg/L
13	Zinc	10/06/04	=	45	µg/L
13	Zinc	11/03/04	=	45.4	µg/L
13	Zinc	12/01/04	=	44.5	µg/L
14	Cyanide	01/02/02	J	4.0	µg/L
14	Cyanide	02/06/02	<	3.0	µg/L
14	Cyanide	03/06/02	<	3.0	µg/L
14	Cyanide	04/03/02	J	3.0	µg/L
14	Cyanide	05/01/02	<	3.0	µg/L
14	Cyanide	06/05/02	J	6.0	µg/L
14	Cyanide	07/10/02	<	3.0	µg/L
14	Cyanide	08/07/02	J	4.0	µg/L
14	Cyanide	09/04/02	J	4.0	µg/L
14	Cyanide	10/02/02	J	5.0	µg/L
14	Cyanide	11/06/02	J	6.0	µg/L
14	Cyanide	12/04/02	<	3.0	µg/L
14	Cyanide	01/08/03	J	5.0	µg/L
14	Cyanide	02/05/03	J	3.0	µg/L
14	Cyanide	03/05/03	<	3.0	µg/L
14	Cyanide	04/02/03	J	4.0	µg/L
14	Cyanide	05/07/03	<	3.0	µg/L
14	Cyanide	06/04/03	J	4.0	µg/L
14	Cyanide	07/02/03	<	3.0	µg/L
14	Cyanide	08/06/03	=	6.2	µg/L
14	Cyanide	09/04/03	J	4.0	µg/L
14	Cyanide	10/01/03	<	3.0	µg/L
14	Cyanide	11/05/03	<	3.0	µg/L
14	Cyanide	12/03/03	<	3.0	µg/L
14	Cyanide	01/07/04	<	3.0	µg/L
14	Cyanide	02/04/04	<	3.0	µg/L
14	Cyanide	03/03/04	<	3.0	µg/L
14	Cyanide	04/07/04	<	3.0	µg/L
14	Cyanide	05/05/04	<	3.0	µg/L
14	Cyanide	06/02/04	<	3.0	µg/L
14	Cyanide	07/07/04	<	3.0	µg/L
14	Cyanide	08/04/04	<	3.0	µg/L
14	Cyanide	09/01/04	<	3.0	µg/L
14	Cyanide	10/06/04	<	3.0	µg/L
14	Cyanide	11/03/04	<	3.0	µg/L
14	Cyanide	12/01/04	<	3.0	µg/L
16	2,3,7,8-TCDD	02/06/02	<	9.6	pg/L
16	2,3,7,8-TCDD	08/07/02	<	9.9	pg/L
16	2,3,7,8-TCDD	02/05/03	<	9.7	pg/L
16	2,3,7,8-TCDD	08/06/03	<	9.9	pg/L
16	2,3,7,8-TCDD	02/04/04	<	9.6	pg/L

**Appendix F-1 Livermore (EBDA Common Outfall) Effluent Data
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CTR #	Constituent	Date	Result	Units
16	2,3,7,8-TCDD	08/04/04	< 9.5	pg/L
	Dioxin TEQ	02/06/02	0	pg/L
	Dioxin TEQ	08/07/02	0	pg/L
	Dioxin TEQ	02/05/03	0	pg/L
	Dioxin TEQ	08/06/03	0	pg/L
	Dioxin TEQ	02/04/04	0	pg/L
	Dioxin TEQ	08/04/04	0	pg/L
17	Acrolein	02/06/02	< 5	µg/L
17	Acrolein	08/07/02	< 5	µg/L
17	Acrolein	02/05/03	< 5	µg/L
17	Acrolein	08/06/03	< 5	µg/L
18	Acrylonitrile	02/06/02	< 1	µg/L
18	Acrylonitrile	08/07/02	< 1	µg/L
18	Acrylonitrile	02/05/03	< 1	µg/L
18	Acrylonitrile	08/06/03	< 1	µg/L
18	Acrylonitrile	02/04/04	< 1	µg/L
18	Acrylonitrile	08/04/04	< 1	µg/L
19	Benzene	02/06/02	< 0.05	µg/L
19	Benzene	08/07/02	< 0.05	µg/L
19	Benzene	02/05/03	< 0.05	µg/L
19	Benzene	08/06/03	< 0.05	µg/L
19	Benzene	02/04/04	< 0.05	µg/L
19	Benzene	08/04/04	< 0.05	µg/L
20	Bromoform	02/06/02	< 0.1	µg/L
20	Bromoform	08/07/02	< 0.1	µg/L
20	Bromoform	02/05/03	< 0.1	µg/L
20	Bromoform	08/06/03	< 0.1	µg/L
20	Bromoform	02/04/04	< 0.1	µg/L
20	Bromoform	08/04/04	< 0.1	µg/L
21	Carbon tetrachloride	02/06/02	< 0.14	µg/L
21	Carbon tetrachloride	08/07/02	< 0.14	µg/L
21	Carbon tetrachloride	02/05/03	< 0.14	µg/L
21	Carbon tetrachloride	08/06/03	< 0.14	µg/L
21	Carbon tetrachloride	02/04/04	< 0.14	µg/L
21	Carbon tetrachloride	08/04/04	< 0.14	µg/L
22	Chlorobenzene	02/06/02	< 0.05	µg/L
22	Chlorobenzene	08/07/02	< 0.05	µg/L
22	Chlorobenzene	02/05/03	< 0.05	µg/L
22	Chlorobenzene	08/06/03	< 0.05	µg/L
22	Chlorobenzene	02/04/04	< 0.05	µg/L
22	Chlorobenzene	08/04/04	< 0.05	µg/L
23	Chlorodibromomethane	02/06/02	J 0.17	µg/L
23	Chlorodibromomethane	08/07/02	< 0.06	µg/L
23	Chlorodibromomethane	02/05/03	< 0.06	µg/L
23	Chlorodibromomethane	08/06/03	< 0.06	µg/L
23	Chlorodibromomethane	02/04/04	< 0.06	µg/L
23	Chlorodibromomethane	08/04/04	< 0.06	µg/L
24	Chloroethane	02/06/02	< 0.19	µg/L
24	Chloroethane	08/07/02	< 0.19	µg/L

**Appendix F-1 Livermore (EBDA Common Outfall) Effluent Data
2002-2004 Used in Reasonable Potential Analysis**

CTR #	Constituent	Date		Result	Units
24	Chloroethane	02/05/03	<	0.19	µg/L
24	Chloroethane	08/06/03	<	0.19	µg/L
24	Chloroethane	02/04/04	<	0.19	µg/L
24	Chloroethane	08/04/04	<	0.19	µg/L
25	2-Chloroethylvinylether	02/06/02	<	0.1	µg/L
25	2-Chloroethylvinylether	08/07/02	<	0.1	µg/L
25	2-Chloroethylvinylether	02/05/03	<	0.1	µg/L
25	2-Chloroethylvinylether	08/06/03	<	0.1	µg/L
25	2-Chloroethylvinylether	02/04/04	<	0.1	µg/L
25	2-Chloroethylvinylether	08/04/04	<	0.1	µg/L
26	Chloroform	02/06/02	J	1.7	µg/L
26	Chloroform	08/07/02	J	1.5	µg/L
26	Chloroform	02/05/03	=	2.6	µg/L
26	Chloroform	08/06/03	J	1.9	µg/L
26	Chloroform	02/04/04	J	1.9	µg/L
26	Chloroform	08/04/04	J	1.2	µg/L
27	Dichlorobromomethane	02/06/02	J	0.21	µg/L
27	Dichlorobromomethane	08/07/02	J	0.12	µg/L
27	Dichlorobromomethane	02/05/03	J	0.24	µg/L
27	Dichlorobromomethane	08/06/03	<	0.04	µg/L
27	Dichlorobromomethane	02/04/04	J	0.19	µg/L
27	Dichlorobromomethane	08/04/04	<	0.04	µg/L
28	1,1-Dichloroethane	02/06/02	<	0.07	µg/L
28	1,1-Dichloroethane	08/07/02	<	0.07	µg/L
28	1,1-Dichloroethane	02/05/03	<	0.07	µg/L
28	1,1-Dichloroethane	08/06/03	<	0.07	µg/L
28	1,1-Dichloroethane	02/04/04	<	0.07	µg/L
28	1,1-Dichloroethane	08/04/04	<	0.07	µg/L
29	1,2-Dichloroethane	02/06/02	<	0.06	µg/L
29	1,2-Dichloroethane	08/07/02	<	0.06	µg/L
29	1,2-Dichloroethane	02/05/03	<	0.06	µg/L
29	1,2-Dichloroethane	08/06/03	<	0.06	µg/L
29	1,2-Dichloroethane	02/04/04	<	0.06	µg/L
29	1,2-Dichloroethane	08/04/04	<	0.06	µg/L
30	1,1-Dichloroethylene	02/06/02	<	0.05	µg/L
30	1,1-Dichloroethylene	08/07/02	<	0.05	µg/L
30	1,1-Dichloroethylene	02/05/03	<	0.05	µg/L
30	1,1-Dichloroethylene	08/06/03	<	0.05	µg/L
30	1,1-Dichloroethylene	02/04/04	<	0.05	µg/L
30	1,1-Dichloroethylene	08/04/04	<	0.05	µg/L
31	1,2-Dichloropropane	02/06/02	<	0.12	µg/L
31	1,2-Dichloropropane	08/07/02	<	0.12	µg/L
31	1,2-Dichloropropane	02/05/03	<	0.12	µg/L
31	1,2-Dichloropropane	08/06/03	<	0.12	µg/L
31	1,2-Dichloropropane	02/04/04	<	0.12	µg/L
31	1,2-Dichloropropane	08/04/04	<	0.12	µg/L
32	1,3-Dichloropropylene	02/06/02	<	0.07	µg/L
32	1,3-Dichloropropylene	08/07/02	<	0.07	µg/L
32	1,3-Dichloropropylene	02/05/03	<	0.07	µg/L

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CTR #	Constituent	Date		Result	Units
32	1,3-Dichloropropylene	08/06/03	<	0.07	µg/L
32	1,3-Dichloropropylene	02/04/04	<	0.07	µg/L
32	1,3-Dichloropropylene	08/04/04	<	0.07	µg/L
33	Ethylbenzene	02/06/02	<	0.08	µg/L
33	Ethylbenzene	08/07/02	<	0.08	µg/L
33	Ethylbenzene	02/05/03	<	0.08	µg/L
33	Ethylbenzene	08/06/03	<	0.08	µg/L
33	Ethylbenzene	02/04/04	<	0.08	µg/L
33	Ethylbenzene	08/04/04	<	0.08	µg/L
34	Methyl bromide	02/06/02	<	0.21	µg/L
34	Methyl bromide	08/07/02	<	0.21	µg/L
34	Methyl bromide	02/05/03	<	0.21	µg/L
34	Methyl bromide	08/06/03	<	0.21	µg/L
34	Methyl bromide	02/04/04	<	0.21	µg/L
34	Methyl bromide	08/04/04	<	0.21	µg/L
35	Methyl chloride	02/06/02	<	0.1	µg/L
35	Methyl chloride	08/07/02	<	0.1	µg/L
35	Methyl chloride	02/05/03	<	0.1	µg/L
35	Methyl chloride	08/06/03	J	0.63	µg/L
35	Methyl chloride	02/04/04	<	0.1	µg/L
35	Methyl chloride	08/04/04	<	0.1	µg/L
36	Methylene chloride	02/06/02	J	1.2	µg/L
36	Methylene chloride	08/07/02	J	0.21	µg/L
36	Methylene chloride	02/05/03	J	0.57	µg/L
36	Methylene chloride	08/06/03	J	0.19	µg/L
36	Methylene chloride	02/04/04	J	0.93	µg/L
36	Methylene chloride	08/04/04	J	0.41	µg/L
37	1,1,2,2-Tetrachloroethane	02/06/02	<	0.11	µg/L
37	1,1,2,2-Tetrachloroethane	08/07/02	<	0.11	µg/L
37	1,1,2,2-Tetrachloroethane	02/05/03	<	0.11	µg/L
37	1,1,2,2-Tetrachloroethane	08/06/03	<	0.11	µg/L
37	1,1,2,2-Tetrachloroethane	02/04/04	<	0.11	µg/L
37	1,1,2,2-Tetrachloroethane	08/04/04	<	0.11	µg/L
38	Tetrachloroethylene	02/06/02	<	0.11	µg/L
38	Tetrachloroethylene	08/07/02	<	0.11	µg/L
38	Tetrachloroethylene	02/05/03	<	0.11	µg/L
38	Tetrachloroethylene	08/06/03	<	0.11	µg/L
38	Tetrachloroethylene	02/04/04	<	0.11	µg/L
38	Tetrachloroethylene	08/04/04	<	0.11	µg/L
39	Toluene	02/06/02	J	1.1	µg/L
39	Toluene	08/07/02	J	1.6	µg/L
39	Toluene	02/05/03	J	1.1	µg/L
39	Toluene	08/06/03	J	0.77	µg/L
39	Toluene	02/04/04	J	1.2	µg/L
39	Toluene	08/04/04	J	0.57	µg/L
40	1,2-trans-Dichloroethylene	02/06/02	<	0.14	µg/L
40	1,2-trans-Dichloroethylene	08/07/02	<	0.14	µg/L
40	1,2-trans-Dichloroethylene	02/05/03	<	0.14	µg/L
40	1,2-trans-Dichloroethylene	08/06/03	<	0.14	µg/L

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CTR #	Constituent	Date		Result	Units
40	1,2-trans-Dichloroethylene	02/04/04	<	0.14	µg/L
40	1,2-trans-Dichloroethylene	08/04/04	<	0.14	µg/L
41	1,1,1-Trichloroethane	02/06/02	<	0.08	µg/L
41	1,1,1-Trichloroethane	08/07/02	<	0.08	µg/L
41	1,1,1-Trichloroethane	02/05/03	<	0.08	µg/L
41	1,1,1-Trichloroethane	08/06/03	<	0.08	µg/L
41	1,1,1-Trichloroethane	02/04/04	<	0.08	µg/L
41	1,1,1-Trichloroethane	08/04/04	<	0.08	µg/L
42	1,1,2-Trichloroethane	02/06/02	<	0.03	µg/L
42	1,1,2-Trichloroethane	08/07/02	<	0.03	µg/L
42	1,1,2-Trichloroethane	02/05/03	<	0.03	µg/L
42	1,1,2-Trichloroethane	08/06/03	<	0.03	µg/L
42	1,1,2-Trichloroethane	02/04/04	<	0.03	µg/L
42	1,1,2-Trichloroethane	08/04/04	<	0.03	µg/L
43	Trichloroethylene	02/06/02	J	0.11	µg/L
43	Trichloroethylene	08/07/02	<	0.05	µg/L
43	Trichloroethylene	02/05/03	<	0.05	µg/L
43	Trichloroethylene	08/06/03	<	0.05	µg/L
43	Trichloroethylene	02/04/04	<	0.05	µg/L
43	Trichloroethylene	08/04/04	<	0.05	µg/L
44	Vinyl chloride	02/06/02	<	0.07	µg/L
44	Vinyl chloride	08/07/02	<	0.07	µg/L
44	Vinyl chloride	02/05/03	<	0.07	µg/L
44	Vinyl chloride	08/06/03	<	0.07	µg/L
44	Vinyl chloride	02/04/04	<	0.07	µg/L
44	Vinyl chloride	08/04/04	<	0.07	µg/L
45	2-Chlorophenol	02/06/02	<	0.2	µg/L
45	2-Chlorophenol	08/07/02	<	0.2	µg/L
45	2-Chlorophenol	02/05/03	<	0.2	µg/L
45	2-Chlorophenol	08/06/03	<	0.19	µg/L
45	2-Chlorophenol	02/04/04	<	0.19	µg/L
45	2-Chlorophenol	08/04/04	<	0.19	µg/L
46	2,4-Dichlorophenol	02/06/02	<	0.3	µg/L
46	2,4-Dichlorophenol	08/07/02	<	0.3	µg/L
46	2,4-Dichlorophenol	02/05/03	<	0.3	µg/L
46	2,4-Dichlorophenol	08/06/03	<	0.29	µg/L
46	2,4-Dichlorophenol	02/04/04	<	0.29	µg/L
46	2,4-Dichlorophenol	08/04/04	<	0.29	µg/L
47	2,4-Dimethylphenol	02/06/02	<	0.2	µg/L
47	2,4-Dimethylphenol	08/07/02	<	0.2	µg/L
47	2,4-Dimethylphenol	02/05/03	<	0.2	µg/L
47	2,4-Dimethylphenol	08/06/03	<	0.19	µg/L
47	2,4-Dimethylphenol	02/04/04	<	0.19	µg/L
47	2,4-Dimethylphenol	08/04/04	<	0.19	µg/L
48	2-Methyl-4,6-Dinitrophenol	02/06/02	<	1	µg/L
48	2-Methyl-4,6-Dinitrophenol	08/07/02	<	1	µg/L
48	2-Methyl-4,6-Dinitrophenol	02/05/03	<	1	µg/L
48	2-Methyl-4,6-Dinitrophenol	08/06/03	<	0.96	µg/L
48	2-Methyl-4,6-Dinitrophenol	02/04/04	<	0.95	µg/L

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CTR #	Constituent	Date		Result	Units
48	2-Methyl-4,6-Dinitrophenol	08/04/04	<	0.97	µg/L
49	2,4-Dinitrophenol	02/06/02	<	1	µg/L
49	2,4-Dinitrophenol	08/07/02	<	1	µg/L
49	2,4-Dinitrophenol	02/05/03	<	1	µg/L
49	2,4-Dinitrophenol	08/06/03	<	0.96	µg/L
49	2,4-Dinitrophenol	02/04/04	<	0.95	µg/L
49	2,4-Dinitrophenol	08/04/04	<	0.97	µg/L
50	2-Nitrophenol	02/06/02	<	0.1	µg/L
50	2-Nitrophenol	08/07/02	<	0.1	µg/L
50	2-Nitrophenol	02/05/03	<	0.1	µg/L
50	2-Nitrophenol	08/06/03	<	0.096	µg/L
50	2-Nitrophenol	02/04/04	<	0.095	µg/L
50	2-Nitrophenol	08/04/04	<	0.097	µg/L
51	4-Nitrophenol	02/06/02	<	2	µg/L
51	4-Nitrophenol	08/07/02	<	2	µg/L
51	4-Nitrophenol	02/05/03	<	2	µg/L
51	4-Nitrophenol	08/06/03	<	1.9	µg/L
51	4-Nitrophenol	02/04/04	<	1.9	µg/L
51	4-Nitrophenol	08/04/04	<	1.9	µg/L
52	3-Methyl-4-Chlorophenol	02/06/02	<	0.2	µg/L
52	3-Methyl-4-Chlorophenol	08/07/02	<	0.2	µg/L
52	3-Methyl-4-Chlorophenol	02/05/03	<	0.2	µg/L
52	3-Methyl-4-Chlorophenol	08/06/03	<	0.19	µg/L
52	3-Methyl-4-Chlorophenol	02/04/04	<	0.19	µg/L
52	3-Methyl-4-Chlorophenol	08/04/04	<	0.19	µg/L
53	Pentachlorophenol	02/06/02	<	2	µg/L
53	Pentachlorophenol	08/07/02	<	2	µg/L
53	Pentachlorophenol	02/05/03	<	2	µg/L
53	Pentachlorophenol	08/06/03	<	1.9	µg/L
53	Pentachlorophenol	02/04/04	<	1.9	µg/L
53	Pentachlorophenol	08/04/04	<	1.9	µg/L
54	Phenol	02/06/02	<	0.2	µg/L
54	Phenol	08/07/02	<	0.2	µg/L
54	Phenol	02/05/03	J	0.48	µg/L
54	Phenol	08/06/03	<	0.19	µg/L
54	Phenol	02/04/04	<	0.19	µg/L
54	Phenol	08/04/04	<	0.19	µg/L
55	2,4,6-Trichlorophenol	02/06/02	J	0.1	µg/L
55	2,4,6-Trichlorophenol	08/07/02	<	0.1	µg/L
55	2,4,6-Trichlorophenol	02/05/03	<	0.1	µg/L
55	2,4,6-Trichlorophenol	08/06/03	<	0.096	µg/L
55	2,4,6-Trichlorophenol	02/04/04	<	0.095	µg/L
55	2,4,6-Trichlorophenol	08/04/04	<	0.097	µg/L
56	Acenaphthene	02/06/02	<	0.046	µg/L
56	Acenaphthene	08/07/02	<	0.046	µg/L
56	Acenaphthene	02/05/03	<	0.046	µg/L
56	Acenaphthene	08/06/03	<	0.046	µg/L
56	Acenaphthene	02/04/04	<	0.046	µg/L
56	Acenaphthene	08/04/04	<	0.046	µg/L

**Appendix F-1 Livermore (EBDA Common Outfall) Effluent Data
2002-2004 Used in Reasonable Potential Analysis**

CTR #	Constituent	Date	Result	Units
57	Acenaphthylene	02/06/02	< 0.062	µg/L
57	Acenaphthylene	08/07/02	< 0.062	µg/L
57	Acenaphthylene	02/05/03	< 0.062	µg/L
57	Acenaphthylene	08/06/03	< 0.062	µg/L
57	Acenaphthylene	02/04/04	< 0.062	µg/L
57	Acenaphthylene	08/04/04	< 0.062	µg/L
58	Anthracene	02/06/02	< 0.0034	µg/L
58	Anthracene	08/07/02	< 0.0034	µg/L
58	Anthracene	02/05/03	< 0.0034	µg/L
58	Anthracene	08/06/03	< 0.0034	µg/L
58	Anthracene	02/04/04	< 0.0034	µg/L
58	Anthracene	08/04/04	< 0.0034	µg/L
59	Benzidine	02/06/02	< 5	µg/L
59	Benzidine	08/07/02	< 5	µg/L
59	Benzidine	02/05/03	< 5	µg/L
59	Benzidine	08/06/03	< 4.8	µg/L
59	Benzidine	02/04/04	< 4.8	µg/L
59	Benzidine	08/04/04	< 4.8	µg/L
60	Benzo(a)anthracene	02/06/02	< 0.0058	µg/L
60	Benzo(a)anthracene	08/07/02	< 0.0058	µg/L
60	Benzo(a)anthracene	02/05/03	< 0.0058	µg/L
60	Benzo(a)anthracene	08/06/03	< 0.0058	µg/L
60	Benzo(a)anthracene	02/04/04	< 0.0058	µg/L
60	Benzo(a)anthracene	08/04/04	< 0.0058	µg/L
61	Benzo(a)pyrene	02/06/02	< 0.0079	µg/L
61	Benzo(a)pyrene	08/07/02	< 0.0079	µg/L
61	Benzo(a)pyrene	02/05/03	< 0.0079	µg/L
61	Benzo(a)pyrene	08/06/03	< 0.0079	µg/L
61	Benzo(a)pyrene	02/04/04	< 0.0079	µg/L
61	Benzo(a)pyrene	08/04/04	< 0.0079	µg/L
62	Benzo(b)fluoranthene	02/06/02	< 0.0079	µg/L
62	Benzo(b)fluoranthene	08/07/02	< 0.0079	µg/L
62	Benzo(b)fluoranthene	02/05/03	< 0.0079	µg/L
62	Benzo(b)fluoranthene	08/06/03	< 0.0079	µg/L
62	Benzo(b)fluoranthene	02/04/04	< 0.0079	µg/L
62	Benzo(b)fluoranthene	08/04/04	< 0.0079	µg/L
63	Benzo(ghi)perylene	02/06/02	< 0.012	µg/L
63	Benzo(ghi)perylene	08/07/02	< 0.012	µg/L
63	Benzo(ghi)perylene	02/05/03	< 0.012	µg/L
63	Benzo(ghi)perylene	08/06/03	< 0.012	µg/L
63	Benzo(ghi)perylene	02/04/04	< 0.012	µg/L
63	Benzo(ghi)perylene	08/04/04	< 0.012	µg/L
64	Benzo(k)fluoranthene	02/06/02	< 0.041	µg/L
64	Benzo(k)fluoranthene	08/07/02	< 0.041	µg/L
64	Benzo(k)fluoranthene	02/05/03	< 0.041	µg/L
64	Benzo(k)fluoranthene	08/06/03	< 0.041	µg/L
64	Benzo(k)fluoranthene	02/04/04	< 0.041	µg/L
64	Benzo(k)fluoranthene	08/04/04	< 0.041	µg/L
65	Bis(2-Chloroethoxy)Methane	02/06/02	< 0.1	µg/L

**Appendix F-1 Livermore (EBDA Common Outfall) Effluent Data
2002-2004 Used in Reasonable Potential Analysis**

CTR #	Constituent	Date		Result	Units
65	Bis(2-Chloroethoxy)Methane	08/07/02	<	0.1	µg/L
65	Bis(2-Chloroethoxy)Methane	02/05/03	<	0.1	µg/L
65	Bis(2-Chloroethoxy)Methane	08/06/03	<	0.096	µg/L
65	Bis(2-Chloroethoxy)Methane	02/04/04	<	0.095	µg/L
65	Bis(2-Chloroethoxy)Methane	08/04/04	<	0.097	µg/L
66	Bis(2-Chloroethyl)Ether	02/06/02	<	0.2	µg/L
66	Bis(2-Chloroethyl)Ether	08/07/02	<	0.2	µg/L
66	Bis(2-Chloroethyl)Ether	02/05/03	<	0.2	µg/L
66	Bis(2-Chloroethyl)Ether	08/06/03	<	0.19	µg/L
66	Bis(2-Chloroethyl)Ether	02/04/04	<	0.19	µg/L
66	Bis(2-Chloroethyl)Ether	08/04/04	<	0.19	µg/L
67	Bis(2-Chloroisopropyl)Ether	02/06/02	<	0.1	µg/L
67	Bis(2-Chloroisopropyl)Ether	08/07/02	<	0.1	µg/L
67	Bis(2-Chloroisopropyl)Ether	02/05/03	<	0.1	µg/L
67	Bis(2-Chloroisopropyl)Ether	08/06/03	<	0.096	µg/L
67	Bis(2-Chloroisopropyl)Ether	02/04/04	<	0.095	µg/L
67	Bis(2-Chloroisopropyl)Ether	08/04/04	<	0.097	µg/L
68	Bis(2-ethylhexyl)phthalate	02/06/02	J	1.8	µg/L
68	Bis(2-ethylhexyl)phthalate	08/07/02	=	1	µg/L
68	Bis(2-ethylhexyl)phthalate	02/05/03	=	1	µg/L
68	Bis(2-ethylhexyl)phthalate	08/06/03	J	0.83	µg/L
68	Bis(2-ethylhexyl)phthalate	02/04/04	J	1	µg/L
68	Bis(2-ethylhexyl)phthalate	08/04/04	J	0.79	µg/L
69	4-Bromophenyl phenyl ether	02/06/02	<	0.1	µg/L
69	4-Bromophenyl phenyl ether	08/07/02	<	0.1	µg/L
69	4-Bromophenyl phenyl ether	02/05/03	<	0.1	µg/L
69	4-Bromophenyl phenyl ether	08/06/03	<	0.096	µg/L
69	4-Bromophenyl phenyl ether	02/04/04	<	0.095	µg/L
69	4-Bromophenyl phenyl ether	08/04/04	<	0.097	µg/L
70	Butylbenzyl phthalate	02/06/02	<	0.1	µg/L
70	Butylbenzyl phthalate	08/07/02	<	0.1	µg/L
70	Butylbenzyl phthalate	02/05/03	J	0.88	µg/L
70	Butylbenzyl phthalate	08/06/03	J	0.27	µg/L
70	Butylbenzyl phthalate	02/04/04	J	0.14	µg/L
70	Butylbenzyl phthalate	08/04/04	J	0.75	µg/L
71	2-Chloronaphthalene	02/06/02	<	0.2	µg/L
71	2-Chloronaphthalene	08/07/02	<	0.2	µg/L
71	2-Chloronaphthalene	02/05/03	<	0.2	µg/L
71	2-Chloronaphthalene	08/06/03	<	0.19	µg/L
71	2-Chloronaphthalene	02/04/04	<	0.19	µg/L
71	2-Chloronaphthalene	08/04/04	<	0.19	µg/L
72	4-Chlorophenyl phenyl ether	02/06/02	<	0.2	µg/L
72	4-Chlorophenyl phenyl ether	08/07/02	<	0.2	µg/L
72	4-Chlorophenyl phenyl ether	02/05/03	<	0.2	µg/L
72	4-Chlorophenyl phenyl ether	08/06/03	<	0.19	µg/L
72	4-Chlorophenyl phenyl ether	02/04/04	<	0.19	µg/L
72	4-Chlorophenyl phenyl ether	08/04/04	<	0.19	µg/L
73	Chrysene	02/06/02	J	0.005	µg/L
73	Chrysene	08/07/02	J	0.008	µg/L

**Appendix F-1 Livermore (EBDA Common Outfall) Effluent Data
2002-2004 Used in Reasonable Potential Analysis**

CTR #	Constituent	Date		Result	Units
73	Chrysene	02/05/03	<	0.0036	µg/L
73	Chrysene	08/06/03	J	0.007	µg/L
73	Chrysene	02/04/04	J	0.007	µg/L
73	Chrysene	08/04/04	J	0.007	µg/L
74	Dibenzo(a,h)anthracene	02/06/02	<	0.0054	µg/L
74	Dibenzo(a,h)anthracene	08/07/02	<	0.0054	µg/L
74	Dibenzo(a,h)anthracene	02/05/03	<	0.0054	µg/L
74	Dibenzo(a,h)anthracene	08/06/03	<	0.0054	µg/L
74	Dibenzo(a,h)anthracene	02/04/04	<	0.0054	µg/L
74	Dibenzo(a,h)anthracene	08/04/04	<	0.0054	µg/L
75	1,2-Dichlorobenzene	02/06/02	<	0.05	µg/L
75	1,2-Dichlorobenzene	08/07/02	<	0.05	µg/L
75	1,2-Dichlorobenzene	02/05/03	<	0.05	µg/L
75	1,2-Dichlorobenzene	08/06/03	<	0.05	µg/L
75	1,2-Dichlorobenzene	02/04/04	<	0.05	µg/L
75	1,2-Dichlorobenzene	08/04/04	<	0.05	µg/L
76	1,3-Dichlorobenzene	02/06/02	<	0.06	µg/L
76	1,3-Dichlorobenzene	08/07/02	<	0.06	µg/L
76	1,3-Dichlorobenzene	02/05/03	<	0.06	µg/L
76	1,3-Dichlorobenzene	08/06/03	<	0.06	µg/L
76	1,3-Dichlorobenzene	02/04/04	<	0.06	µg/L
76	1,3-Dichlorobenzene	08/04/04	<	0.05	µg/L
77	1,4-Dichlorobenzene	02/06/02	J	0.67	µg/L
77	1,4-Dichlorobenzene	08/07/02	J	0.95	µg/L
77	1,4-Dichlorobenzene	02/05/03	J	0.53	µg/L
77	1,4-Dichlorobenzene	08/06/03	J	0.82	µg/L
77	1,4-Dichlorobenzene	02/04/04	J	0.79	µg/L
77	1,4-Dichlorobenzene	08/04/04	J	0.65	µg/L
78	3,3-Dichlorobenzidine	02/06/02	<	0.1	µg/L
78	3,3-Dichlorobenzidine	08/07/02	<	0.1	µg/L
78	3,3-Dichlorobenzidine	02/05/03	<	0.1	µg/L
78	3,3-Dichlorobenzidine	08/06/03	<	0.096	µg/L
78	3,3-Dichlorobenzidine	02/04/04	<	0.095	µg/L
78	3,3-Dichlorobenzidine	08/04/04	<	0.097	µg/L
79	Diethyl phthalate	02/06/02	=	9.8	µg/L
79	Diethyl phthalate	08/07/02	<	0.05	µg/L
79	Diethyl phthalate	02/05/03	J	0.29	µg/L
79	Diethyl phthalate	08/06/03	<	0.048	µg/L
79	Diethyl phthalate	02/04/04	J	0.054	µg/L
79	Diethyl phthalate	08/04/04	J	0.16	µg/L
80	Dimethyl phthalate	02/06/02	<	0.1	µg/L
80	Dimethyl phthalate	08/07/02	<	0.1	µg/L
80	Dimethyl phthalate	02/05/03	<	0.1	µg/L
80	Dimethyl phthalate	08/06/03	<	0.096	µg/L
80	Dimethyl phthalate	02/04/04	<	0.095	µg/L
80	Dimethyl phthalate	08/04/04	<	0.097	µg/L
81	Di-n-butyl phthalate	02/06/02	<	0.25	µg/L
81	Di-n-butyl phthalate	08/07/02	J	0.32	µg/L
81	Di-n-butyl phthalate	02/05/03	J	0.56	µg/L

**Appendix F-1 Livermore (EBDA Common Outfall) Effluent Data
2002-2004 Used in Reasonable Potential Analysis**

CTR #	Constituent	Date	Result	Units
81	Di-n-butyl phthalate	08/06/03	J 0.5	µg/L
81	Di-n-butyl phthalate	02/04/04	J 0.97	µg/L
81	Di-n-butyl phthalate	08/04/04	J 1.3	µg/L
82	2,4-Dinitrotoluene	02/06/02	< 0.1	µg/L
82	2,4-Dinitrotoluene	08/07/02	< 0.1	µg/L
82	2,4-Dinitrotoluene	02/05/03	< 0.1	µg/L
82	2,4-Dinitrotoluene	08/06/03	< 0.096	µg/L
82	2,4-Dinitrotoluene	02/04/04	< 0.095	µg/L
82	2,4-Dinitrotoluene	08/04/04	< 0.097	µg/L
83	2,6-Dinitrotoluene	02/06/02	< 0.2	µg/L
83	2,6-Dinitrotoluene	08/07/02	< 0.2	µg/L
83	2,6-Dinitrotoluene	02/05/03	< 0.2	µg/L
83	2,6-Dinitrotoluene	08/06/03	< 0.19	µg/L
83	2,6-Dinitrotoluene	02/04/04	J 0.92	µg/L
83	2,6-Dinitrotoluene	08/04/04	< 0.19	µg/L
84	Di-n-octyl phthalate	02/06/02	< 0.1	µg/L
84	Di-n-octyl phthalate	08/07/02	< 0.1	µg/L
84	Di-n-octyl phthalate	02/05/03	< 0.1	µg/L
84	Di-n-octyl phthalate	08/06/03	< 0.096	µg/L
84	Di-n-octyl phthalate	02/04/04	< 0.095	µg/L
84	Di-n-octyl phthalate	08/04/04	< 0.097	µg/L
86	Fluoranthene	02/06/02	< 0.009	µg/L
86	Fluoranthene	08/07/02	J 0.048	µg/L
86	Fluoranthene	02/05/03	< 0.009	µg/L
86	Fluoranthene	08/06/03	J 0.02	µg/L
86	Fluoranthene	02/04/04	< 0.009	µg/L
86	Fluoranthene	08/04/04	= 0.079	µg/L
87	Fluorene	02/06/02	< 0.0073	µg/L
87	Fluorene	08/07/02	< 0.0073	µg/L
87	Fluorene	02/05/03	< 0.0073	µg/L
87	Fluorene	08/06/03	< 0.0073	µg/L
87	Fluorene	02/04/04	< 0.0073	µg/L
87	Fluorene	08/04/04	< 0.0073	µg/L
88	Hexachlorobenzene	02/06/02	< 0.0015	µg/L
88	Hexachlorobenzene	08/07/02	< 0.0015	µg/L
88	Hexachlorobenzene	02/05/03	< 0.0015	µg/L
88	Hexachlorobenzene	06/04/03	< 0.0015	µg/L
88	Hexachlorobenzene	07/02/03	< 0.0015	µg/L
88	Hexachlorobenzene	08/06/03	< 0.0015	µg/L
88	Hexachlorobenzene	09/04/03	< 0.0015	µg/L
88	Hexachlorobenzene	10/01/03	< 0.0015	µg/L
88	Hexachlorobenzene	11/05/03	< 0.0015	µg/L
88	Hexachlorobenzene	12/03/03	< 0.0015	µg/L
88	Hexachlorobenzene	01/07/04	< 0.0015	µg/L
88	Hexachlorobenzene	02/04/04	< 0.0015	µg/L
88	Hexachlorobenzene	03/03/04	< 0.0015	µg/L
88	Hexachlorobenzene	04/07/04	< 0.0015	µg/L
88	Hexachlorobenzene	05/05/04	< 0.0015	µg/L
88	Hexachlorobenzene	06/02/04	< 0.0015	µg/L

**Appendix F-1 Livermore (EBDA Common Outfall) Effluent Data
2002-2004 Used in Reasonable Potential Analysis**

CTR #	Constituent	Date	Result	Units
88	Hexachlorobenzene	07/04/04	< 0.0015	µg/L
88	Hexachlorobenzene	08/04/04	< 0.0015	µg/L
88	Hexachlorobenzene	09/01/04	< 0.0015	µg/L
88	Hexachlorobenzene	10/06/04	< 0.0015	µg/L
88	Hexachlorobenzene	11/03/04	< 0.0015	µg/L
88	Hexachlorobenzene	12/01/04	< 0.0015	µg/L
89	Hexachlorobutadiene	02/06/02	< 0.4	µg/L
89	Hexachlorobutadiene	08/07/02	< 0.4	µg/L
89	Hexachlorobutadiene	02/05/03	< 0.4	µg/L
89	Hexachlorobutadiene	08/06/03	< 0.038	µg/L
89	Hexachlorobutadiene	02/04/04	< 0.038	µg/L
89	Hexachlorobutadiene	08/04/04	< 0.039	µg/L
90	Hexachlorocyclopentadiene	02/06/02	< 1	µg/L
90	Hexachlorocyclopentadiene	08/07/02	< 1	µg/L
90	Hexachlorocyclopentadiene	02/05/03	< 1	µg/L
90	Hexachlorocyclopentadiene	08/06/03	< 0.96	µg/L
90	Hexachlorocyclopentadiene	02/04/04	< 0.95	µg/L
90	Hexachlorocyclopentadiene	08/04/04	< 0.97	µg/L
91	Hexachloroethane	02/06/02	< 0.4	µg/L
91	Hexachloroethane	08/07/02	< 0.4	µg/L
91	Hexachloroethane	02/05/03	< 0.4	µg/L
91	Hexachloroethane	08/06/03	< 0.038	µg/L
91	Hexachloroethane	02/04/04	< 0.038	µg/L
91	Hexachloroethane	08/04/04	< 0.039	µg/L
92	Indeno(1,2,3-cd)pyrene	02/06/02	< 0.0045	µg/L
92	Indeno(1,2,3-cd)pyrene	08/07/02	< 0.0045	µg/L
92	Indeno(1,2,3-cd)pyrene	02/05/03	< 0.0045	µg/L
92	Indeno(1,2,3-cd)pyrene	08/06/03	< 0.0045	µg/L
92	Indeno(1,2,3-cd)pyrene	02/04/04	< 0.0045	µg/L
92	Indeno(1,2,3-cd)pyrene	08/04/04	< 0.0045	µg/L
93	Isophorone	02/06/02	< 0.1	µg/L
93	Isophorone	08/07/02	< 0.1	µg/L
93	Isophorone	02/05/03	< 0.1	µg/L
93	Isophorone	08/06/03	< 0.096	µg/L
93	Isophorone	02/04/04	< 0.095	µg/L
93	Isophorone	08/04/04	< 0.097	µg/L
94	Naphthalene	02/06/02	< 0.037	µg/L
94	Naphthalene	08/07/02	< 0.037	µg/L
94	Naphthalene	02/05/03	< 0.037	µg/L
94	Naphthalene	08/06/03	< 0.037	µg/L
94	Naphthalene	02/04/04	< 0.037	µg/L
94	Naphthalene	08/04/04	< 0.037	µg/L
95	Nitrobenzene	02/06/02	< 0.1	µg/L
95	Nitrobenzene	08/07/02	< 0.1	µg/L
95	Nitrobenzene	02/05/03	< 0.1	µg/L
95	Nitrobenzene	08/06/03	< 0.096	µg/L
95	Nitrobenzene	02/04/04	< 0.095	µg/L
95	Nitrobenzene	08/04/04	< 0.097	µg/L
96	N-nitrosodimethylamine	02/06/02	< 0.2	µg/L

**Appendix F-1 Livermore (EBDA Common Outfall) Effluent Data
2002-2004 Used in Reasonable Potential Analysis**

CTR #	Constituent	Date		Result	Units
96	N-nitrosodimethylamine	08/07/02	<	0.2	µg/L
96	N-nitrosodimethylamine	02/05/03	<	0.2	µg/L
96	N-nitrosodimethylamine	08/06/03	<	0.19	µg/L
96	N-nitrosodimethylamine	02/04/04	<	0.19	µg/L
96	N-nitrosodimethylamine	08/04/04	<	0.19	µg/L
97	N-nitrosodi-n-propylamine	02/06/02	<	0.1	µg/L
97	N-nitrosodi-n-propylamine	08/07/02	<	0.1	µg/L
97	N-nitrosodi-n-propylamine	02/05/03	<	0.1	µg/L
97	N-nitrosodi-n-propylamine	08/06/03	<	0.096	µg/L
97	N-nitrosodi-n-propylamine	02/04/04	<	0.095	µg/L
97	N-nitrosodi-n-propylamine	08/04/04	<	0.097	µg/L
98	N-nitrosodiphenylamine	02/06/02	<	0.1	µg/L
98	N-nitrosodiphenylamine	08/07/02	<	0.1	µg/L
98	N-nitrosodiphenylamine	02/05/03	<	0.1	µg/L
98	N-nitrosodiphenylamine	08/06/03	<	0.096	µg/L
98	N-nitrosodiphenylamine	02/04/04	<	0.095	µg/L
98	N-nitrosodiphenylamine	08/04/04	<	0.097	µg/L
99	Phenanthrene	02/06/02	<	0.0063	µg/L
99	Phenanthrene	08/07/02	<	0.0063	µg/L
99	Phenanthrene	02/05/03	<	0.0063	µg/L
99	Phenanthrene	08/06/03	=	0.11	µg/L
99	Phenanthrene	02/04/04	<	0.0063	µg/L
99	Phenanthrene	08/04/04	<	0.0063	µg/L
100	Pyrene	02/06/02	<	0.0027	µg/L
100	Pyrene	08/07/02	<	0.0027	µg/L
100	Pyrene	02/05/03	<	0.0027	µg/L
100	Pyrene	08/06/03	<	0.0027	µg/L
100	Pyrene	02/04/04	<	0.0027	µg/L
100	Pyrene	08/04/04	<	0.0027	µg/L
101	1,2,4-Trichlorobenzene	02/06/02	<	0.3	µg/L
101	1,2,4-Trichlorobenzene	08/07/02	<	0.3	µg/L
101	1,2,4-Trichlorobenzene	02/05/03	<	0.3	µg/L
101	1,2,4-Trichlorobenzene	08/06/03	<	0.29	µg/L
101	1,2,4-Trichlorobenzene	02/04/04	<	0.29	µg/L
101	1,2,4-Trichlorobenzene	08/04/04	<	0.29	µg/L
102	Aldrin	02/06/02	<	0.0018	µg/L
102	Aldrin	08/07/02	<	0.0018	µg/L
102	Aldrin	02/05/03	<	0.0018	µg/L
102	Aldrin	06/04/03	<	0.0018	µg/L
102	Aldrin	07/02/03	<	0.0018	µg/L
102	Aldrin	08/06/03	<	0.0018	µg/L
102	Aldrin	09/04/03	<	0.0018	µg/L
102	Aldrin	10/01/03	<	0.0018	µg/L
102	Aldrin	11/05/03	<	0.0018	µg/L
102	Aldrin	12/03/03	<	0.0018	µg/L
102	Aldrin	01/07/04	<	0.0018	µg/L
102	Aldrin	02/04/04	<	0.0018	µg/L
102	Aldrin	03/03/04	<	0.0018	µg/L
102	Aldrin	04/07/04	<	0.0018	µg/L

**Appendix F-1 Livermore (EBDA Common Outfall) Effluent Data
2002-2004 Used in Reasonable Potential Analysis**

CTR #	Constituent	Date		Result	Units
102	Aldrin	05/05/04	<	0.0018	µg/L
102	Aldrin	06/02/04	<	0.0018	µg/L
102	Aldrin	07/04/04	<	0.0018	µg/L
102	Aldrin	08/04/04	<	0.0018	µg/L
102	Aldrin	09/01/04	<	0.0018	µg/L
102	Aldrin	10/06/04	<	0.0018	µg/L
102	Aldrin	11/03/04	<	0.0018	µg/L
102	Aldrin	12/01/04	<	0.0018	µg/L
103	alpha-BHC	02/06/02	<	0.00061	µg/L
103	alpha-BHC	08/07/02	<	0.00061	µg/L
103	alpha-BHC	02/05/03	<	0.00061	µg/L
103	alpha-BHC	06/04/03	<	0.00061	µg/L
103	alpha-BHC	07/02/03	<	0.00061	µg/L
103	alpha-BHC	08/06/03	<	0.00061	µg/L
103	alpha-BHC	09/04/03	<	0.00061	µg/L
103	alpha-BHC	10/01/03	<	0.00061	µg/L
103	alpha-BHC	11/05/03	<	0.00061	µg/L
103	alpha-BHC	12/03/03	<	0.00061	µg/L
103	alpha-BHC	01/07/04	<	0.00061	µg/L
103	alpha-BHC	02/04/04	<	0.00061	µg/L
103	alpha-BHC	03/03/04	<	0.00061	µg/L
103	alpha-BHC	04/07/04	<	0.00061	µg/L
103	alpha-BHC	05/05/04	<	0.00061	µg/L
103	alpha-BHC	06/02/04	<	0.00061	µg/L
103	alpha-BHC	07/04/04	<	0.00061	µg/L
103	alpha-BHC	08/04/04	<	0.00061	µg/L
103	alpha-BHC	09/01/04	<	0.00061	µg/L
103	alpha-BHC	10/06/04	<	0.00061	µg/L
103	alpha-BHC	11/03/04	<	0.00061	µg/L
103	alpha-BHC	12/01/04	<	0.00061	µg/L
104	beta-BHC	02/06/02	<	0.001	µg/L
104	beta-BHC	08/07/02	<	0.001	µg/L
104	beta-BHC	02/05/03	<	0.001	µg/L
104	beta-BHC	06/04/03	<	0.001	µg/L
104	beta-BHC	07/02/03	<	0.001	µg/L
104	beta-BHC	08/06/03	<	0.001	µg/L
104	beta-BHC	09/04/03	<	0.001	µg/L
104	beta-BHC	10/01/03	<	0.001	µg/L
104	beta-BHC	11/05/03	<	0.001	µg/L
104	beta-BHC	12/03/03	<	0.001	µg/L
104	beta-BHC	01/07/04	<	0.001	µg/L
104	beta-BHC	02/04/04	<	0.001	µg/L
104	beta-BHC	03/03/04	<	0.001	µg/L
104	beta-BHC	04/07/04	<	0.001	µg/L
104	beta-BHC	05/05/04	<	0.001	µg/L
104	beta-BHC	06/02/04	<	0.001	µg/L
104	beta-BHC	07/04/04	<	0.001	µg/L
104	beta-BHC	08/04/04	<	0.001	µg/L
104	beta-BHC	09/01/04	<	0.001	µg/L

**Appendix F-1 Livermore (EBDA Common Outfall) Effluent Data
2002-2004 Used in Reasonable Potential Analysis**

CTR #	Constituent	Date		Result	Units
104	beta-BHC	10/06/04	<	0.001	µg/L
104	beta-BHC	11/03/04	<	0.001	µg/L
104	beta-BHC	12/01/04	<	0.001	µg/L
105	gamma-BHC	02/06/02	<	0.0012	µg/L
105	gamma-BHC	08/07/02	J	0.0072	µg/L
105	gamma-BHC	02/05/03	<	0.0012	µg/L
105	gamma-BHC	06/04/03	<	0.0012	µg/L
105	gamma-BHC	07/02/03	<	0.0012	µg/L
105	gamma-BHC	08/06/03	J	0.0083	µg/L
105	gamma-BHC	09/04/03	<	0.0012	µg/L
105	gamma-BHC	10/01/03	<	0.0012	µg/L
105	gamma-BHC	11/05/03	<	0.0012	µg/L
105	gamma-BHC	12/03/03	<	0.0012	µg/L
105	gamma-BHC	01/07/04	<	0.0012	µg/L
105	gamma-BHC	02/04/04	<	0.0012	µg/L
105	gamma-BHC	03/03/04	<	0.0012	µg/L
105	gamma-BHC	04/07/04	<	0.0012	µg/L
105	gamma-BHC	05/05/04	<	0.0012	µg/L
105	gamma-BHC	06/02/04	<	0.0012	µg/L
105	gamma-BHC	07/04/04	<	0.0012	µg/L
105	gamma-BHC	08/04/04	<	0.0012	µg/L
105	gamma-BHC	09/01/04	<	0.0012	µg/L
105	gamma-BHC	10/06/04	<	0.0012	µg/L
105	gamma-BHC	11/03/04	<	0.0012	µg/L
105	gamma-BHC	12/01/04	<	0.0012	µg/L
106	delta-BHC	02/06/02	<	0.00064	µg/L
106	delta-BHC	08/07/02	<	0.00064	µg/L
106	delta-BHC	02/05/03	<	0.00064	µg/L
106	delta-BHC	06/04/03	<	0.00064	µg/L
106	delta-BHC	07/02/03	<	0.00064	µg/L
106	delta-BHC	08/06/03	<	0.00064	µg/L
106	delta-BHC	09/04/03	<	0.00064	µg/L
106	delta-BHC	10/01/03	<	0.00064	µg/L
106	delta-BHC	11/05/03	<	0.00064	µg/L
106	delta-BHC	12/03/03	<	0.00064	µg/L
106	delta-BHC	01/07/04	<	0.00064	µg/L
106	delta-BHC	02/04/04	<	0.00064	µg/L
106	delta-BHC	03/03/04	<	0.00064	µg/L
106	delta-BHC	04/07/04	<	0.00064	µg/L
106	delta-BHC	05/05/04	<	0.00064	µg/L
106	delta-BHC	06/02/04	<	0.00064	µg/L
106	delta-BHC	07/04/04	<	0.00064	µg/L
106	delta-BHC	08/04/04	<	0.00064	µg/L
106	delta-BHC	09/01/04	<	0.00064	µg/L
106	delta-BHC	10/06/04	<	0.00064	µg/L
106	delta-BHC	11/03/04	<	0.00064	µg/L
106	delta-BHC	12/01/04	<	0.00064	µg/L
107	Chlordane	02/06/02	<	0.014	µg/L
107	Chlordane	08/07/02	<	0.014	µg/L

**Appendix F-1 Livermore (EBDA Common Outfall) Effluent Data
2002-2004 Used in Reasonable Potential Analysis**

CTR #	Constituent	Date	Result	Units
107	Chlordane	02/05/03	< 0.014	µg/L
107	Chlordane	06/04/03	< 0.014	µg/L
107	Chlordane	07/02/03	< 0.014	µg/L
107	Chlordane	08/06/03	< 0.014	µg/L
107	Chlordane	09/04/03	< 0.014	µg/L
107	Chlordane	10/01/03	< 0.014	µg/L
107	Chlordane	11/05/03	< 0.014	µg/L
107	Chlordane	12/03/03	< 0.014	µg/L
107	Chlordane	01/07/04	< 0.014	µg/L
107	Chlordane	02/04/04	< 0.014	µg/L
107	Chlordane	03/03/04	< 0.014	µg/L
107	Chlordane	04/07/04	< 0.014	µg/L
107	Chlordane	05/05/04	< 0.014	µg/L
107	Chlordane	06/02/04	< 0.014	µg/L
107	Chlordane	07/04/04	< 0.014	µg/L
107	Chlordane	08/04/04	< 0.014	µg/L
107	Chlordane	09/01/04	< 0.014	µg/L
107	Chlordane	10/06/04	< 0.014	µg/L
107	Chlordane	11/03/04	< 0.014	µg/L
107	Chlordane	12/01/04	< 0.014	µg/L
108	4,4'-DDT	02/06/02	< 0.0013	µg/L
108	4,4'-DDT	08/07/02	< 0.0013	µg/L
108	4,4'-DDT	02/05/03	< 0.0013	µg/L
108	4,4'-DDT	06/04/03	< 0.0013	µg/L
108	4,4'-DDT	07/02/03	< 0.0013	µg/L
108	4,4'-DDT	08/06/03	< 0.0013	µg/L
108	4,4'-DDT	09/04/03	< 0.0013	µg/L
108	4,4'-DDT	10/01/03	< 0.0013	µg/L
108	4,4'-DDT	11/05/03	< 0.0013	µg/L
108	4,4'-DDT	12/03/03	< 0.0013	µg/L
108	4,4'-DDT	01/07/04	< 0.0013	µg/L
108	4,4'-DDT	02/04/04	< 0.0013	µg/L
108	4,4'-DDT	03/03/04	< 0.0013	µg/L
108	4,4'-DDT	04/07/04	< 0.0013	µg/L
108	4,4'-DDT	05/05/04	< 0.0013	µg/L
108	4,4'-DDT	06/02/04	< 0.0013	µg/L
108	4,4'-DDT	07/04/04	< 0.0013	µg/L
108	4,4'-DDT	08/04/04	< 0.0013	µg/L
108	4,4'-DDT	09/01/04	< 0.0013	µg/L
108	4,4'-DDT	10/06/04	< 0.0013	µg/L
108	4,4'-DDT	11/03/04	< 0.0013	µg/L
108	4,4'-DDT	12/01/04	< 0.0013	µg/L
109	4,4'-DDE	02/06/02	< 0.00097	µg/L
109	4,4'-DDE	08/07/02	< 0.00097	µg/L
109	4,4'-DDE	02/05/03	< 0.00097	µg/L
109	4,4'-DDE	06/04/03	< 0.00097	µg/L
109	4,4'-DDE	07/02/03	< 0.00097	µg/L
109	4,4'-DDE	08/06/03	< 0.00097	µg/L
109	4,4'-DDE	09/04/03	< 0.00097	µg/L

**Appendix F-1 Livermore (EBDA Common Outfall) Effluent Data
2002-2004 Used in Reasonable Potential Analysis**

CTR #	Constituent	Date		Result	Units
109	4,4'-DDE	10/01/03	<	0.00097	µg/L
109	4,4'-DDE	11/05/03	<	0.00097	µg/L
109	4,4'-DDE	12/03/03	<	0.00097	µg/L
109	4,4'-DDE	01/07/04	<	0.00097	µg/L
109	4,4'-DDE	02/04/04	<	0.00097	µg/L
109	4,4'-DDE	03/03/04	<	0.00097	µg/L
109	4,4'-DDE	04/07/04	<	0.00097	µg/L
109	4,4'-DDE	05/05/04	<	0.00097	µg/L
109	4,4'-DDE	06/02/04	<	0.00097	µg/L
109	4,4'-DDE	07/04/04	<	0.00097	µg/L
109	4,4'-DDE	08/04/04	<	0.00097	µg/L
109	4,4'-DDE	09/01/04	<	0.00097	µg/L
109	4,4'-DDE	10/06/04	<	0.00097	µg/L
109	4,4'-DDE	11/03/04	<	0.00097	µg/L
109	4,4'-DDE	12/01/04	<	0.00097	µg/L
110	4,4'-DDD	02/06/02	J	0.0008	µg/L
110	4,4'-DDD	08/07/02	<	0.00077	µg/L
110	4,4'-DDD	02/05/03	<	0.00077	µg/L
110	4,4'-DDD	06/04/03	<	0.00077	µg/L
110	4,4'-DDD	07/02/03	<	0.00077	µg/L
110	4,4'-DDD	08/06/03	<	0.00077	µg/L
110	4,4'-DDD	09/04/03	<	0.00077	µg/L
110	4,4'-DDD	10/01/03	<	0.00077	µg/L
110	4,4'-DDD	11/05/03	<	0.00077	µg/L
110	4,4'-DDD	12/03/03	<	0.00077	µg/L
110	4,4'-DDD	01/07/04	<	0.00077	µg/L
110	4,4'-DDD	02/04/04	<	0.00077	µg/L
110	4,4'-DDD	03/03/04	<	0.00077	µg/L
110	4,4'-DDD	04/07/04	<	0.00077	µg/L
110	4,4'-DDD	05/05/04	<	0.00077	µg/L
110	4,4'-DDD	06/02/04	<	0.00077	µg/L
110	4,4'-DDD	07/04/04	<	0.00077	µg/L
110	4,4'-DDD	08/04/04	<	0.00077	µg/L
110	4,4'-DDD	09/01/04	<	0.00077	µg/L
110	4,4'-DDD	10/06/04	<	0.00077	µg/L
110	4,4'-DDD	11/03/04	<	0.00077	µg/L
110	4,4'-DDD	12/01/04	<	0.00077	µg/L
111	Dieldrin	02/06/02	<	0.00077	µg/L
111	Dieldrin	08/07/02	<	0.00077	µg/L
111	Dieldrin	02/05/03	<	0.00077	µg/L
111	Dieldrin	06/04/03	<	0.00077	µg/L
111	Dieldrin	07/02/03	<	0.00077	µg/L
111	Dieldrin	08/06/03	<	0.00077	µg/L
111	Dieldrin	09/04/03	<	0.00077	µg/L
111	Dieldrin	10/01/03	<	0.00077	µg/L
111	Dieldrin	11/05/03	<	0.00077	µg/L
111	Dieldrin	12/03/03	<	0.00077	µg/L
111	Dieldrin	01/07/04	<	0.00077	µg/L
111	Dieldrin	02/04/04	<	0.00077	µg/L

**Appendix F-1 Livermore (EBDA Common Outfall) Effluent Data
2002-2004 Used in Reasonable Potential Analysis**

CTR #	Constituent	Date	Result	Units
111	Dieldrin	03/03/04	< 0.00077	µg/L
111	Dieldrin	04/07/04	< 0.00077	µg/L
111	Dieldrin	05/05/04	< 0.00077	µg/L
111	Dieldrin	06/02/04	< 0.00077	µg/L
111	Dieldrin	07/04/04	< 0.00077	µg/L
111	Dieldrin	08/04/04	< 0.00077	µg/L
111	Dieldrin	09/01/04	< 0.00077	µg/L
111	Dieldrin	10/06/04	< 0.00077	µg/L
111	Dieldrin	11/03/04	< 0.00077	µg/L
111	Dieldrin	12/01/04	< 0.00077	µg/L
112	alpha-Endosulfan	02/06/02	< 0.00067	µg/L
112	alpha-Endosulfan	08/07/02	< 0.00067	µg/L
112	alpha-Endosulfan	02/05/03	< 0.00067	µg/L
112	alpha-Endosulfan	06/04/03	< 0.00067	µg/L
112	alpha-Endosulfan	07/02/03	< 0.00067	µg/L
112	alpha-Endosulfan	08/06/03	< 0.00067	µg/L
112	alpha-Endosulfan	09/04/03	< 0.00067	µg/L
112	alpha-Endosulfan	10/01/03	< 0.00067	µg/L
112	alpha-Endosulfan	11/05/03	< 0.00067	µg/L
112	alpha-Endosulfan	12/03/03	< 0.00067	µg/L
112	alpha-Endosulfan	01/07/04	< 0.00067	µg/L
112	alpha-Endosulfan	02/04/04	< 0.00067	µg/L
112	alpha-Endosulfan	03/03/04	< 0.00067	µg/L
112	alpha-Endosulfan	04/07/04	< 0.00067	µg/L
112	alpha-Endosulfan	05/05/04	< 0.00067	µg/L
112	alpha-Endosulfan	06/02/04	< 0.00067	µg/L
112	alpha-Endosulfan	07/04/04	< 0.00067	µg/L
112	alpha-Endosulfan	08/04/04	< 0.00067	µg/L
112	alpha-Endosulfan	09/01/04	< 0.00067	µg/L
112	alpha-Endosulfan	10/06/04	< 0.00067	µg/L
112	alpha-Endosulfan	11/03/04	< 0.00067	µg/L
112	alpha-Endosulfan	12/01/04	< 0.00067	µg/L
113	beta-Endosulfan	02/06/02	J 0.0006	µg/L
113	beta-Endosulfan	08/07/02	< 0.00055	µg/L
113	beta-Endosulfan	06/04/03	< 0.00055	µg/L
113	beta-Endosulfan	07/02/03	< 0.00055	µg/L
113	beta-Endosulfan	08/06/03	< 0.00055	µg/L
113	beta-Endosulfan	09/04/03	< 0.00055	µg/L
113	beta-Endosulfan	10/01/03	< 0.00055	µg/L
113	beta-Endosulfan	11/05/03	< 0.00055	µg/L
113	beta-Endosulfan	12/03/03	< 0.00055	µg/L
113	beta-Endosulfan	01/07/04	< 0.00055	µg/L
113	beta-Endosulfan	02/04/04	< 0.00055	µg/L
113	beta-Endosulfan	03/03/04	< 0.00055	µg/L
113	beta-Endosulfan	04/07/04	< 0.00055	µg/L
113	beta-Endosulfan	05/05/04	< 0.00055	µg/L
113	beta-Endosulfan	06/02/04	< 0.00055	µg/L
113	beta-Endosulfan	07/04/04	< 0.00055	µg/L
113	beta-Endosulfan	08/04/04	< 0.00055	µg/L

**Appendix F-1 Livermore (EBDA Common Outfall) Effluent Data
2002-2004 Used in Reasonable Potential Analysis**

CTR #	Constituent	Date		Result	Units
113	beta-Endosulfan	09/01/04	<	0.00055	µg/L
113	beta-Endosulfan	10/06/04	<	0.00055	µg/L
113	beta-Endosulfan	11/03/04	<	0.00055	µg/L
113	beta-Endosulfan	12/01/04	<	0.00055	µg/L
114	Endosulfan sulfate	02/06/02	J	0.0015	µg/L
114	Endosulfan sulfate	08/07/02	<	0.00078	µg/L
114	Endosulfan sulfate	02/05/03	J	0.0056	µg/L
114	Endosulfan sulfate	06/04/03	<	0.00078	µg/L
114	Endosulfan sulfate	07/02/03	<	0.00078	µg/L
114	Endosulfan sulfate	08/06/03	<	0.00078	µg/L
114	Endosulfan sulfate	09/04/03	<	0.00078	µg/L
114	Endosulfan sulfate	10/01/03	<	0.00078	µg/L
114	Endosulfan sulfate	11/05/03	<	0.00078	µg/L
114	Endosulfan sulfate	12/03/03	<	0.00078	µg/L
114	Endosulfan sulfate	01/07/04	<	0.00078	µg/L
114	Endosulfan sulfate	02/04/04	<	0.00078	µg/L
114	Endosulfan sulfate	03/03/04	<	0.00078	µg/L
114	Endosulfan sulfate	04/07/04	<	0.00078	µg/L
114	Endosulfan sulfate	05/05/04	<	0.00078	µg/L
114	Endosulfan sulfate	06/02/04	<	0.00078	µg/L
114	Endosulfan sulfate	07/04/04	<	0.00078	µg/L
114	Endosulfan sulfate	08/04/04	<	0.00078	µg/L
114	Endosulfan sulfate	09/01/04	<	0.00078	µg/L
114	Endosulfan sulfate	10/06/04	<	0.00078	µg/L
114	Endosulfan sulfate	11/03/04	<	0.00078	µg/L
114	Endosulfan sulfate	12/01/04	<	0.00078	µg/L
115	Endrin	02/06/02	<	0.00063	µg/L
115	Endrin	08/07/02	<	0.00063	µg/L
115	Endrin	02/05/03	<	0.00063	µg/L
115	Endrin	06/04/03	<	0.00063	µg/L
115	Endrin	07/02/03	<	0.00063	µg/L
115	Endrin	08/06/03	<	0.00063	µg/L
115	Endrin	09/04/03	<	0.00063	µg/L
115	Endrin	10/01/03	<	0.00063	µg/L
115	Endrin	11/05/03	<	0.00063	µg/L
115	Endrin	12/03/03	<	0.00063	µg/L
115	Endrin	01/07/04	<	0.00063	µg/L
115	Endrin	02/04/04	<	0.00063	µg/L
115	Endrin	03/03/04	<	0.00063	µg/L
115	Endrin	04/07/04	<	0.00063	µg/L
115	Endrin	05/05/04	<	0.00063	µg/L
115	Endrin	06/02/04	<	0.00063	µg/L
115	Endrin	07/04/04	<	0.00063	µg/L
115	Endrin	08/04/04	<	0.00063	µg/L
115	Endrin	09/01/04	<	0.00063	µg/L
115	Endrin	10/06/04	<	0.00063	µg/L
115	Endrin	11/03/04	<	0.00063	µg/L
115	Endrin	12/01/04	<	0.00063	µg/L
116	Endrin aldehyde	02/06/02	<	0.00042	µg/L

**Appendix F-1 Livermore (EBDA Common Outfall) Effluent Data
2002-2004 Used in Reasonable Potential Analysis**

CTR #	Constituent	Date	Result	Units
116	Endrin aldehyde	08/07/02	< 0.00042	µg/L
116	Endrin aldehyde	02/05/03	< 0.00042	µg/L
116	Endrin aldehyde	06/04/03	< 0.00042	µg/L
116	Endrin aldehyde	07/02/03	< 0.00042	µg/L
116	Endrin aldehyde	08/06/03	< 0.00042	µg/L
116	Endrin aldehyde	09/04/03	< 0.00042	µg/L
116	Endrin aldehyde	10/01/03	< 0.00042	µg/L
116	Endrin aldehyde	11/05/03	< 0.00042	µg/L
116	Endrin aldehyde	12/03/03	< 0.00042	µg/L
116	Endrin aldehyde	01/07/04	< 0.00042	µg/L
116	Endrin aldehyde	02/04/04	< 0.00042	µg/L
116	Endrin aldehyde	03/03/04	< 0.00042	µg/L
116	Endrin aldehyde	04/07/04	< 0.00042	µg/L
116	Endrin aldehyde	05/05/04	< 0.00042	µg/L
116	Endrin aldehyde	06/02/04	< 0.00042	µg/L
116	Endrin aldehyde	07/04/04	< 0.00042	µg/L
116	Endrin aldehyde	08/04/04	< 0.00042	µg/L
116	Endrin aldehyde	09/01/04	< 0.00042	µg/L
116	Endrin aldehyde	10/06/04	< 0.00042	µg/L
116	Endrin aldehyde	11/03/04	< 0.00042	µg/L
116	Endrin aldehyde	12/01/04	< 0.00042	µg/L
117	Heptachlor	02/06/02	J 0.002	µg/L
117	Heptachlor	08/07/02	< 0.00084	µg/L
117	Heptachlor	02/05/03	< 0.00084	µg/L
117	Heptachlor	06/04/03	< 0.00084	µg/L
117	Heptachlor	07/02/03	< 0.00084	µg/L
117	Heptachlor	08/06/03	< 0.00084	µg/L
117	Heptachlor	09/04/03	< 0.00084	µg/L
117	Heptachlor	10/01/03	< 0.00084	µg/L
117	Heptachlor	11/05/03	< 0.00084	µg/L
117	Heptachlor	12/03/03	< 0.00084	µg/L
117	Heptachlor	01/07/04	< 0.00084	µg/L
117	Heptachlor	02/04/04	< 0.00084	µg/L
117	Heptachlor	03/03/04	< 0.00084	µg/L
117	Heptachlor	04/07/04	< 0.00084	µg/L
117	Heptachlor	05/05/04	< 0.00084	µg/L
117	Heptachlor	06/02/04	< 0.00084	µg/L
117	Heptachlor	07/04/04	< 0.00084	µg/L
117	Heptachlor	08/04/04	< 0.00084	µg/L
117	Heptachlor	09/01/04	< 0.00084	µg/L
117	Heptachlor	10/06/04	< 0.00084	µg/L
117	Heptachlor	11/03/04	< 0.00084	µg/L
117	Heptachlor	12/01/04	< 0.00084	µg/L
118	Heptachlor epoxide	02/06/02	< 0.0012	µg/L
118	Heptachlor epoxide	08/07/02	< 0.0012	µg/L
118	Heptachlor epoxide	02/05/03	< 0.0012	µg/L
118	Heptachlor epoxide	06/04/03	< 0.0012	µg/L
118	Heptachlor epoxide	07/02/03	< 0.0012	µg/L
118	Heptachlor epoxide	08/06/03	< 0.0012	µg/L

**Appendix F-1 Livermore (EBDA Common Outfall) Effluent Data
2002-2004 Used in Reasonable Potential Analysis**

CTR #	Constituent	Date	Result	Units
118	Heptachlor epoxide	09/04/03	< 0.0012	µg/L
118	Heptachlor epoxide	10/01/03	< 0.0012	µg/L
118	Heptachlor epoxide	11/05/03	< 0.0012	µg/L
118	Heptachlor epoxide	12/03/03	< 0.0012	µg/L
118	Heptachlor epoxide	01/07/04	< 0.0012	µg/L
118	Heptachlor epoxide	02/04/04	< 0.0012	µg/L
118	Heptachlor epoxide	03/03/04	< 0.0012	µg/L
118	Heptachlor epoxide	04/07/04	< 0.0012	µg/L
118	Heptachlor epoxide	05/05/04	< 0.0012	µg/L
118	Heptachlor epoxide	06/02/04	< 0.0012	µg/L
118	Heptachlor epoxide	07/04/04	< 0.0012	µg/L
118	Heptachlor epoxide	08/04/04	< 0.0012	µg/L
118	Heptachlor epoxide	09/01/04	< 0.0012	µg/L
118	Heptachlor epoxide	10/06/04	< 0.0012	µg/L
118	Heptachlor epoxide	11/03/04	< 0.0012	µg/L
118	Heptachlor epoxide	12/01/04	< 0.0012	µg/L
119	PCB 1016	02/06/02	< 0.02	µg/L
119	PCB 1016	08/07/02	< 0.02	µg/L
119	PCB 1016	02/05/03	< 0.02	µg/L
119	PCB 1016	06/04/03	< 0.02	µg/L
119	PCB 1016	07/02/03	< 0.02	µg/L
119	PCB 1016	08/06/03	< 0.02	µg/L
119	PCB 1016	09/04/03	< 0.02	µg/L
119	PCB 1016	10/01/03	< 0.02	µg/L
119	PCB 1016	11/05/03	< 0.02	µg/L
119	PCB 1016	12/03/03	< 0.02	µg/L
119	PCB 1016	01/07/04	< 0.02	µg/L
119	PCB 1016	02/04/04	< 0.02	µg/L
119	PCB 1016	03/03/04	< 0.02	µg/L
119	PCB 1016	04/07/04	< 0.02	µg/L
119	PCB 1016	05/05/04	< 0.02	µg/L
119	PCB 1016	06/02/04	< 0.02	µg/L
119	PCB 1016	07/04/04	< 0.02	µg/L
119	PCB 1016	08/04/04	< 0.02	µg/L
119	PCB 1016	09/01/04	< 0.02	µg/L
119	PCB 1016	10/06/04	< 0.02	µg/L
119	PCB 1016	11/03/04	< 0.02	µg/L
119	PCB 1016	12/01/04	< 0.02	µg/L
120	PCB 1221	02/06/02	< 0.14	µg/L
120	PCB 1221	08/07/02	< 0.14	µg/L
120	PCB 1221	02/05/03	< 0.14	µg/L
120	PCB 1221	06/04/03	< 0.14	µg/L
120	PCB 1221	07/02/03	< 0.14	µg/L
120	PCB 1221	08/06/03	< 0.14	µg/L
120	PCB 1221	09/04/03	< 0.14	µg/L
120	PCB 1221	10/01/03	< 0.14	µg/L
120	PCB 1221	11/05/03	< 0.14	µg/L
120	PCB 1221	12/03/03	< 0.14	µg/L
120	PCB 1221	01/07/04	< 0.14	µg/L

**Appendix F-1 Livermore (EBDA Common Outfall) Effluent Data
2002-2004 Used in Reasonable Potential Analysis**

CTR #	Constituent	Date	Result	Units
120	PCB 1221	02/04/04	< 0.14	µg/L
120	PCB 1221	03/03/04	< 0.14	µg/L
120	PCB 1221	04/07/04	< 0.14	µg/L
120	PCB 1221	05/05/04	< 0.14	µg/L
120	PCB 1221	06/02/04	< 0.14	µg/L
120	PCB 1221	07/04/04	< 0.14	µg/L
120	PCB 1221	08/04/04	< 0.14	µg/L
120	PCB 1221	09/01/04	< 0.14	µg/L
120	PCB 1221	10/06/04	< 0.14	µg/L
120	PCB 1221	11/03/04	< 0.14	µg/L
120	PCB 1221	12/01/04	< 0.14	µg/L
121	PCB 1232	02/06/02	< 0.06	µg/L
121	PCB 1232	08/07/02	< 0.06	µg/L
121	PCB 1232	02/05/03	< 0.06	µg/L
121	PCB 1232	06/04/03	< 0.06	µg/L
121	PCB 1232	07/02/03	< 0.06	µg/L
121	PCB 1232	08/06/03	< 0.06	µg/L
121	PCB 1232	09/04/03	< 0.06	µg/L
121	PCB 1232	10/01/03	< 0.06	µg/L
121	PCB 1232	11/05/03	< 0.06	µg/L
121	PCB 1232	12/03/03	< 0.06	µg/L
121	PCB 1232	01/07/04	< 0.06	µg/L
121	PCB 1232	02/04/04	< 0.06	µg/L
121	PCB 1232	03/03/04	< 0.06	µg/L
121	PCB 1232	04/07/04	< 0.06	µg/L
121	PCB 1232	05/05/04	< 0.06	µg/L
121	PCB 1232	06/02/04	< 0.06	µg/L
121	PCB 1232	07/04/04	< 0.06	µg/L
121	PCB 1232	08/04/04	< 0.06	µg/L
121	PCB 1232	09/01/04	< 0.06	µg/L
121	PCB 1232	10/06/04	< 0.06	µg/L
121	PCB 1232	11/03/04	< 0.06	µg/L
121	PCB 1232	12/01/04	< 0.06	µg/L
122	PCB 1242	02/06/02	< 0.02	µg/L
122	PCB 1242	08/07/02	< 0.02	µg/L
122	PCB 1242	02/05/03	< 0.02	µg/L
122	PCB 1242	06/04/03	< 0.02	µg/L
122	PCB 1242	07/02/03	< 0.02	µg/L
122	PCB 1242	08/06/03	< 0.02	µg/L
122	PCB 1242	09/04/03	< 0.02	µg/L
122	PCB 1242	10/01/03	< 0.02	µg/L
122	PCB 1242	11/05/03	< 0.02	µg/L
122	PCB 1242	12/03/03	< 0.02	µg/L
122	PCB 1242	01/07/04	< 0.02	µg/L
122	PCB 1242	02/04/04	< 0.02	µg/L
122	PCB 1242	03/03/04	< 0.02	µg/L
122	PCB 1242	04/07/04	< 0.02	µg/L
122	PCB 1242	05/05/04	< 0.02	µg/L
122	PCB 1242	06/02/04	< 0.02	µg/L

**Appendix F-1 Livermore (EBDA Common Outfall) Effluent Data
2002-2004 Used in Reasonable Potential Analysis**

CTR #	Constituent	Date	Result	Units
122	PCB 1242	07/04/04	< 0.02	µg/L
122	PCB 1242	08/04/04	< 0.02	µg/L
122	PCB 1242	09/01/04	< 0.02	µg/L
122	PCB 1242	10/06/04	< 0.02	µg/L
122	PCB 1242	11/03/04	< 0.02	µg/L
122	PCB 1242	12/01/04	< 0.02	µg/L
123	PCB 1248	02/06/02	< 0.1	µg/L
123	PCB 1248	08/07/02	< 0.1	µg/L
123	PCB 1248	02/05/03	< 0.1	µg/L
123	PCB 1248	06/04/03	< 0.1	µg/L
123	PCB 1248	07/02/03	< 0.1	µg/L
123	PCB 1248	08/06/03	< 0.1	µg/L
123	PCB 1248	09/04/03	< 0.1	µg/L
123	PCB 1248	10/01/03	< 0.1	µg/L
123	PCB 1248	11/05/03	< 0.1	µg/L
123	PCB 1248	12/03/03	< 0.1	µg/L
123	PCB 1248	01/07/04	< 0.1	µg/L
123	PCB 1248	02/04/04	< 0.1	µg/L
123	PCB 1248	03/03/04	< 0.1	µg/L
123	PCB 1248	04/07/04	< 0.1	µg/L
123	PCB 1248	05/05/04	< 0.1	µg/L
123	PCB 1248	06/02/04	< 0.1	µg/L
123	PCB 1248	07/04/04	< 0.1	µg/L
123	PCB 1248	08/04/04	< 0.1	µg/L
123	PCB 1248	09/01/04	< 0.1	µg/L
123	PCB 1248	10/06/04	< 0.1	µg/L
123	PCB 1248	11/03/04	< 0.1	µg/L
123	PCB 1248	12/01/04	< 0.1	µg/L
124	PCB 1254	02/06/02	< 0.08	µg/L
124	PCB 1254	08/07/02	< 0.08	µg/L
124	PCB 1254	02/05/03	< 0.08	µg/L
124	PCB 1254	06/04/03	< 0.08	µg/L
124	PCB 1254	07/02/03	< 0.08	µg/L
124	PCB 1254	08/06/03	< 0.08	µg/L
124	PCB 1254	09/04/03	< 0.08	µg/L
124	PCB 1254	10/01/03	< 0.08	µg/L
124	PCB 1254	11/05/03	< 0.08	µg/L
124	PCB 1254	12/03/03	< 0.08	µg/L
124	PCB 1254	01/07/04	< 0.08	µg/L
124	PCB 1254	02/04/04	< 0.08	µg/L
124	PCB 1254	03/03/04	< 0.08	µg/L
124	PCB 1254	04/07/04	< 0.08	µg/L
124	PCB 1254	05/05/04	< 0.08	µg/L
124	PCB 1254	06/02/04	< 0.08	µg/L
124	PCB 1254	07/04/04	< 0.08	µg/L
124	PCB 1254	08/04/04	< 0.08	µg/L
124	PCB 1254	09/01/04	< 0.08	µg/L
124	PCB 1254	10/06/04	< 0.08	µg/L
124	PCB 1254	11/03/04	< 0.08	µg/L

**Appendix F-1 Livermore (EBDA Common Outfall) Effluent Data
2002-2004 Used in Reasonable Potential Analysis**

CTR #	Constituent	Date	Result	Units
124	PCB 1254	12/01/04	< 0.08	µg/L
125	PCB 1260	02/06/02	< 0.09	µg/L
125	PCB 1260	08/07/02	< 0.09	µg/L
125	PCB 1260	02/05/03	< 0.09	µg/L
125	PCB 1260	06/04/03	< 0.09	µg/L
125	PCB 1260	07/02/03	< 0.09	µg/L
125	PCB 1260	08/06/03	< 0.09	µg/L
125	PCB 1260	09/04/03	< 0.09	µg/L
125	PCB 1260	10/01/03	< 0.09	µg/L
125	PCB 1260	11/05/03	< 0.09	µg/L
125	PCB 1260	12/03/03	< 0.09	µg/L
125	PCB 1260	01/07/04	< 0.09	µg/L
125	PCB 1260	02/04/04	< 0.09	µg/L
125	PCB 1260	03/03/04	< 0.09	µg/L
125	PCB 1260	04/07/04	< 0.09	µg/L
125	PCB 1260	05/05/04	< 0.09	µg/L
125	PCB 1260	06/02/04	< 0.09	µg/L
125	PCB 1260	07/04/04	< 0.09	µg/L
125	PCB 1260	08/04/04	< 0.09	µg/L
125	PCB 1260	09/01/04	< 0.09	µg/L
125	PCB 1260	10/06/04	< 0.09	µg/L
125	PCB 1260	11/03/04	< 0.09	µg/L
125	PCB 1260	12/01/04	< 0.09	µg/L
126	Toxaphene	02/06/02	< 0.072	µg/L
126	Toxaphene	08/07/02	< 0.072	µg/L
126	Toxaphene	02/05/03	< 0.072	µg/L
126	Toxaphene	06/04/03	< 0.072	µg/L
126	Toxaphene	07/02/03	< 0.072	µg/L
126	Toxaphene	08/06/03	< 0.072	µg/L
126	Toxaphene	09/04/03	< 0.072	µg/L
126	Toxaphene	10/01/03	< 0.072	µg/L
126	Toxaphene	11/05/03	< 0.072	µg/L
126	Toxaphene	12/03/03	< 0.072	µg/L
126	Toxaphene	01/07/04	< 0.072	µg/L
126	Toxaphene	02/04/04	< 0.072	µg/L
126	Toxaphene	03/03/04	< 0.072	µg/L
126	Toxaphene	04/07/04	< 0.072	µg/L
126	Toxaphene	05/05/04	< 0.072	µg/L
126	Toxaphene	06/02/04	< 0.072	µg/L
126	Toxaphene	07/04/04	< 0.072	µg/L
126	Toxaphene	08/04/04	< 0.072	µg/L
126	Toxaphene	09/01/04	< 0.072	µg/L
126	Toxaphene	10/06/04	< 0.072	µg/L
126	Toxaphene	11/03/04	< 0.072	µg/L
126	Toxaphene	12/01/04	< 0.072	µg/L
	Tributyltin	02/06/02	= 0.0072	µg/L
	Tributyltin	08/07/02	= 0.0060	µg/L
	Tributyltin	02/05/03	= 0.0071	µg/L
	Tributyltin	08/06/03	< 0.0046	µg/L

**Appendix F-1 Livermore (EBDA Common Outfall) Effluent Data
2002-2004 Used in Reasonable Potential Analysis**

CTR #	Constituent	Date	Result	Units
	Tributyltin	02/04/04 <	0.0046	µg/L
	Tributyltin	08/04/04 <	0.0046	µg/L

Qualifiers

= actual value

< Not Detected, method detection limit is listed

J estimated value as defined by the SIP