

ATTACHMENT A

SUMMARY OF DISCHARGE MONITORING REPORT (DMR) RESULTS

(1998 TO 2003)

IRVING OIL

NPDES PERMIT NO. MA0001929

IRVING OIL TERMINAL - REVERE DMR RESULTS (1998 - 2003)

NPDES PERMIT NO. MA0001929

QL ***** QL

001 - OIL/WATER SEPARATOR

Monitoring Parameter: Flow Rate (gal/min)

Permit Limit: Report Only

Monitoring Frequency: Once/Rain Event

Sample Type: Curve

<u>Monitoring Period Ending</u>	<u>No Disch. Code</u>	<u>Reported Monthly Avg.</u>	<u>Reported Daily Max.</u>	<u>Percent Violations</u>	
				<u>Monthly Avg.</u>	<u>Daily Max.</u>
01/31/98			450		0
02/28/98			450		0
04/30/98			450		0
05/31/98			450		0
06/30/98			450		0
07/31/98			450		0
08/31/98			450		0
09/30/98			450		0
10/31/98			450		0
11/30/98			450		0
12/31/98			450		0
01/31/99			450		0
02/28/99			450		0
03/31/99			450		0
04/30/99			450		0
05/31/99			450		0
06/30/99	C				
07/31/99	C				
08/31/99			450		0
09/30/99			450		0
10/31/99			450		0
11/30/99			450		0
12/31/99			450		0
01/31/00			450		0
02/29/00			450		0
03/31/00			450		0
04/30/00			450		0
05/31/00			450		0
06/30/00			450		0
07/31/00			450		0
08/31/00			450		0
09/30/00			450		0
10/31/00			450		0
11/30/00			450		0
12/31/00			450		0
01/31/01	C				
02/28/01	C				
03/31/01			450		0
04/30/01			450		0
05/31/01			450		0
06/30/01			450		0
07/31/01			450		0
08/31/01			450		0
09/30/01			450		0
10/31/01			450		0
11/30/01			450		0
12/31/01			450		0
01/31/02			450		0
02/28/02			450		0
03/31/02			450		0
04/30/02			450		0
05/31/02			450		0
06/30/02			450		0

07/31/02		450	0
08/31/02		450	0
09/30/02		450	0
10/31/02		450	0
11/30/02		450	0
12/31/02		450	0
01/31/03	C		
02/28/03	C		
03/31/03		450	0
04/30/03		450	0
05/31/03		450	0
06/30/03		450	0
07/31/03		450	0
08/31/03		450	0
09/30/03		450	0
10/31/03		450	0
11/30/03		450	0
12/31/03		450	0

001 - OIL/WATER SEPARATOR

Monitoring Parameter: pH (S.U.)

Permit Limit: Report Only

Monitoring Frequency: Once/Month

Sample Type: Grab

<u>Monitoring Period Ending</u>	<u>No Disch. Code</u>	<u>Reported Monthly Avg.</u>	<u>Reported Daily Max.</u>	<u>Percent Violations Monthly Avg.</u>	<u>Daily Max.</u>
01/31/98			7.2		0
02/28/98			7.5		0
04/30/98			7.8		0
05/31/98			7.8		0
06/30/98			7.8		0
07/31/98			7.4		0
08/31/98			6.8		0
09/30/98			7.3		0
10/31/98			7.5		0
11/30/98			7.6		0
12/31/98			7.6		0
01/31/99			7.6		0
02/28/99			7.5		0
03/31/99			7.2		0
04/30/99			7.3		0
05/31/99			7.6		0
06/30/99	C				
07/31/99	C				
08/31/99			7.5		0
09/30/99			8.9		0
10/31/99			8.1		0
11/30/99			7.8		0
12/31/99			7.6		0
01/31/00			7.9		0
02/29/00			7.9		0
03/31/00			7.9		0
04/30/00			7.8		0
05/31/00			7.2		0
06/30/00			6.5		0
07/31/00			7.1		0
08/31/00			6.3		0
09/30/00			7.4		0
10/31/00			7.9		0
11/30/00			7.9		0
12/31/00	C				
01/31/01	C				
02/28/01			7.6		0
03/31/01			7.6		0
04/30/01			8.4		0

05/31/01	C		
06/30/01		8.0	0
07/31/01		7.9	0
08/31/01		8.8	0
09/30/01		8.5	0
10/31/01		8.8	0
12/31/01		7.9	0
01/31/02		8.0	0
02/28/02		8.1	0
03/31/02		8.7	0
04/30/02		7.9	0
05/31/02		8.4	0
06/30/02		7.7	0
08/31/02	C		
09/30/02		8.5	0
10/31/02		7.3	0
11/30/02		7.8	0
12/31/02		3.0	0
01/31/03	C		
02/28/03	C		
03/31/03		7.7	0
04/30/03		7.7	0
05/31/03		8.2	0
06/30/03		8.1	0
07/31/03		8.1	0
08/31/03		7.7	0
09/30/03		7.6	0
10/31/03		8.1	0
11/30/03		7.6	0
12/31/03		7.5	0

001 - OIL/WATER SEPARATOR

Monitoring Parameter: Total Suspended Solids (mg/L)

Permit Limit: Monthly Avg. 30 mg/L; Daily Max. 100 mg/L

Monitoring Frequency: Twice/Month

Sample Type: Grab

<u>Monitoring Period Ending</u>	<u>No Disch. Code</u>	<u>Reported Monthly Avg.</u>	<u>Reported Daily Max.</u>	<u>Percent Violations Monthly Avg.</u>	<u>Daily Max.</u>
01/31/98		26.5	41.0	0	0
02/28/98		10.35	10.7	0	0
04/30/98		11	12	0	0
05/31/98		38	46	27	0
06/30/98		17.8	28.0	0	0
07/31/98		71	103	137	3
08/31/98		53.5	90.5	78	0
09/30/98		23.0	23.0	0	0
10/31/98		12	15	0	0
11/30/98		28.5	31	0	0
12/31/98		29.5	35	0	0
01/31/99		18.16	54.0	0	0
02/28/99		29	33	0	0
03/31/99		23.0	40.0	0	0
04/30/99		22.5	31	0	0
05/31/99		15.5	17.0	0	0
06/30/99	C				
07/31/99	C				
08/31/99		16.0	16.0	0	0
09/30/99		5.50	7.00	0	0
10/31/99		11.25	22.5	0	0
11/30/99		24.5	26.5	0	0
12/31/99		8.0	9.0	0	0
01/31/00		15	15	0	0
02/29/00		15.2	18.0	0	0
03/31/00		9.0	10.0	0	0
04/30/00		10.0	15.0	0	0

05/31/00		17.0	27.0	0	0
06/30/00		8.50	11.0	0	0
07/31/00		4.0	8.0	0	0
08/31/00		12.25	17.5	0	0
09/30/00		26.5	35	0	0
10/31/00		12.5	18.0	0	0
11/30/00		16.5	19	0	0
12/31/00	C				
01/31/01	C				
02/28/01		14.5	22.0	0	0
03/31/01		9.0	18.0	0	0
04/30/01		10.0	10.0	0	0
05/31/01	C				
06/30/01		7.2	30.0	0	0
07/31/01		29.5	32	0	0
08/31/01		20.15	22.0	0	0
09/30/01		9.00	30	0	0
10/31/01		7.0	30	0	0
12/31/01		15.0	15.0	0	0
01/31/02		9.0	9.0	0	0
02/28/02		6.0	6.0	0	0
03/31/02		12	16	0	0
04/30/02		12.5	14.0	0	0
05/31/02		3.0	6.0	0	0
06/30/02		12	18.0	0	0
07/31/02	C				
08/31/02	C				
09/30/02		15	15	0	0
10/31/02		9.0	12.0	0	0
11/30/02		23.0	23.0	0	0
12/31/02		0.0	0.0	0	0
01/31/03	C				
02/28/03	C				
03/31/03			16		0
04/30/03		14	14	0	0
05/31/03		11.0	11.0	0	0
06/30/03		7.5	11.0	0	0
07/31/03		11.0	11.0	0	0
08/31/03		84.0	84.0	180	0
09/30/03		4.0	4.0	0	0
10/31/03		8.0	8.0	0	0
11/30/03		4.0	4.0	0	0
12/31/03		16.0	34.0	0	0

001 - OIL/WATER SEPARATOR

Monitoring Parameter: Oil & Grease (mg/L)

Permit Limit: Daily Max. 15 mg/L

Monitoring Frequency: Twice/Month

Sample Type: Grab

<u>Monitoring Period Ending</u>	<u>No Disch. Code</u>	<u>Reported Monthly Avg.</u>	<u>Reported Daily Max.</u>	<u>Percent Violations Monthly Avg.</u>	<u>Daily Max.</u>
01/31/98			3.79		0
02/28/98			3.72		0
04/30/98			1.63		0
05/31/98			4.35		0
06/30/98			2.28		0
07/31/98			3.33		0
08/31/98			1.60		0
09/30/98			0.0		0
10/31/98			0.0		0
11/30/98			2.90		0
12/31/98			5.50		0
01/31/99			2.9		0
02/28/99			1.42		0
03/31/99			5.43		0

04/30/99		4.28	0
05/31/99		4.20	0
06/30/99	C		
07/31/99	C		
08/31/99		7.50	0
09/30/99		10.9	0
10/31/99		7.08	0
11/30/99		8.44	0
12/31/99		6.96	0
01/31/00		6.70	0
02/29/00		15.3	2
03/31/00		0.0	0
04/30/00		5.26	0
05/31/00		7.04	0
06/30/00		5.16	0
07/31/00		7.40	0
08/31/00		11.4	0
09/30/00		0.0	0
10/31/00		0.0	0
11/30/00		0.0	0
12/31/00	C		
01/31/01	C		
02/28/01		0.0	0
03/31/01		0.0	0
04/30/01		0.0	0
05/31/01	C		
06/30/01		0.0	0
07/31/01		0.0	0
08/31/01		0.0	0
09/30/01		0.0	0
10/31/01		0.0	0
12/31/01		0.0	0
01/31/02		0.0	0
02/28/02		0.0	0
03/31/02		0.0	0
04/30/02		6.40	0
05/31/02		0.0	0
06/30/02		3.64	0
08/31/02	C		
09/30/02		6.35	0
10/31/02		0.0	0
12/31/02		0.0	0
01/31/03	C		
02/28/03	C		
03/31/03		0.0	0
04/30/03		0.0	0
05/31/03		0.0	0
06/30/03		0.0	0
07/31/03		0.0	0
08/31/03		0.0	0
09/30/03		7.39	0
10/31/03		0.0	0
11/30/03		7.39	0
12/31/03		0.0	0

001 - OIL/WATER SEPARATOR

Monitoring Parameter: Total Flow (Mgal/month)

Permit Limit: Report Only

Monitoring Frequency: Once/Rain Event

Sample Type: Estimate

<u>Monitoring Period Ending</u>	<u>No Disch. Code</u>	<u>Reported Monthly Avg.</u>	<u>Reported Daily Max.</u>	<u>Percent Violations</u>	
				<u>Monthly Avg.</u>	<u>Daily Max.</u>
01/31/98		450		0	
02/28/98		1.75		0	
04/30/98		1.13		0	

05/31/98		2.16	0
06/30/98		3.65	0
07/31/98		0.78	0
08/31/98		1.06	0
09/30/98		0.96	0
10/31/98		1.70	0
11/30/98		0.43	0
12/31/98		0.50	0
01/31/99		1.79	0
02/28/99		1.11	0
03/31/99		0.79	0
04/30/99		0.26	0
05/31/99		2.71	0
06/30/99	C		
07/31/99	C		
08/31/99		0.42	0
09/30/99		9.86	0
10/31/99		1.36	0
11/30/99		0.67	0
12/31/99		0.48	0
01/31/00		0.87	0
02/29/00		0.80	0
03/31/00		1.13	0
04/30/00		1.59	0
05/31/00		0.91	0
06/30/00		2.08	0
07/31/00		1.64	0
08/31/00		0.70	0
09/30/00		0.90	0
10/31/00		0.90	0
11/30/00		1.42	0
12/31/00	C		
01/31/01	C		
02/28/01		0.44	0
03/31/01		2.57	0
04/30/01		0.28	0
05/31/01		0.39	0
06/30/01		1.57	0
07/31/01		0.67	0
08/31/01		1.30	0
09/30/01		0.72	0
10/31/01		0.37	0
11/30/01		0.23	0
12/31/01		0.89	0
01/31/02		0.99	0
02/28/02		1.81	0
03/31/02		1.11	0
04/30/02		0.83	0
05/31/02		1.60	0
06/30/02		1.51	0
07/31/02		0.45	0
08/31/02		0.67	0
09/30/02		1.02	0
10/31/02		1.10	0
11/30/02		1.59	0
01/31/03	C		
02/28/03	C		
03/31/03	NDR*		
04/30/03	NDR*		
05/31/03	NDR*		
06/30/03	NDR*		
07/31/03	NDR*		
08/31/03	NDR*		
09/30/03	NDR*		
10/31/03	NDR*		
11/30/03	NDR*		
12/31/03	NDR*		

NDR* - No Data Reported for this parameter

001 - OIL/WATER SEPARATOR

Monitoring Parameter: Methyl Tertiary-Butyl Ether (ug/L)

Permit Limit: Report Only

Monitoring Frequency: Quarterly

Sample Type: Grab

<u>Monitoring Period Ending</u>	<u>No Disch. Code</u>	<u>Reported Monthly Avg.</u>	<u>Reported Daily Max.</u>	<u>Percent Violations</u>	
				<u>Monthly Avg.</u>	<u>Daily Max.</u>
06/30/98			295		0
09/30/98			0.0		0
12/31/98			21.9		0
03/31/99			33.4		0
06/30/99			280		0
09/30/99			7.68		0
12/31/99			0.0		0
03/31/00			0.0		0
06/30/00			164		0
09/30/00			24.9		0
12/31/00			8.94		0
03/31/01			36.8		0
06/30/01			0.0		0
09/30/01			91.7		0
12/31/01			0.0		0
03/31/02			219		0
06/30/02			25.0		0
09/30/02			12.4		0
12/31/02			12.6		0
03/31/03			218		0
06/30/03			27.7		0
09/30/03			29.2		0
12/31/03			49.0		0

001 - OIL/WATER SEPARATOR

Monitoring Parameter: Toluene (ug/L)

Permit Limit: Report Only

Monitoring Frequency: Quarterly

Sample Type: Grab

<u>Monitoring Period Ending</u>	<u>No Disch. Code</u>	<u>Reported Monthly Avg.</u>	<u>Reported Daily Max.</u>	<u>Percent Violations</u>	
				<u>Monthly Avg.</u>	<u>Daily Max.</u>
06/30/98			41.6		0
09/30/98			0.0		0
12/31/98			0.0		0
03/31/99			0.0		0
06/30/99			0.0		0
09/30/99			0.0		0
12/31/99			0.0		0
03/31/00			0.0		0
06/30/00			0.0		0
09/30/00			0.0		0
12/31/00			0.0		0
03/31/01			0.0		0
06/30/01			0.0		0
09/30/01			0.0		0
12/31/01			0.0		0
03/31/02			11.5		0
06/30/02			0.0		0
09/30/02			0.0		0
12/31/02			14.4		0
03/31/03			10.4		0
06/30/03			0.0		0
09/30/03			0.0		0
12/31/03			9.86		0

001 - OIL/WATER SEPARATOR

Monitoring Parameter: Benzene (ug/L)

Permit Limit: 500 ug/L

Monitoring Frequency: Quarterly

Sample Type: Grab

<u>Monitoring Period Ending</u>	<u>No Disch. Code</u>	<u>Reported Monthly Avg.</u>	<u>Reported Daily Max.</u>	<u>Percent Violations Monthly Avg.</u>	<u>Daily Max.</u>
06/30/98			46.0		0
09/30/98			0.0		0
12/31/98			0.0		0
03/31/99			0.0		0
06/30/99			0.0		0
09/30/99			0.0		0
12/31/99			0.0		0
03/31/00			0.0		0
06/30/00			8.99		0
09/30/00			0.0		0
12/31/00			0.0		0
03/31/01			0.0		0
06/30/01			0.0		0
09/30/01			0.0		0
12/31/01			0.0		0
03/31/02			22.5		0
06/30/02			0.0		0
09/30/02			0.0		0
12/31/02			13.0		0
03/31/03			14.8		0
06/30/03			0.0		0
09/30/03			0.0		0
12/31/03			0.0		0

001 - OIL/WATER SEPARATOR

Monitoring Parameter: Benzo(b)fluoranthene (ug/L)

Permit Limit: Report Only

Monitoring Frequency: Quarterly

Sample Type: Grab

<u>Monitoring Period Ending</u>	<u>No Disch. Code</u>	<u>Reported Monthly Avg.</u>	<u>Reported Daily Max.</u>	<u>Percent Violations Monthly Avg.</u>	<u>Daily Max.</u>
06/30/98			1.24		0
09/30/98			1.03		0
12/31/98			0.0		0
03/31/99			0.0		0
06/30/99			0.0		0
09/30/99			0.0		0
12/31/99			0.0		0
03/31/00			0.0		0
06/30/00			0.0		0
09/30/00			0.0		0
12/31/00			0.0		0
03/31/01			2.14		0
06/30/01			0.0		0
09/30/01			0.0		0
12/31/01			0.0		0
03/31/02			1.69		0
06/30/02			0.0		0
12/31/02			0.0		0
03/31/03			0.0		0
06/30/03			0.0		0
09/30/03			0.0		0
12/31/03			0.0		0

001 - OIL/WATER SEPARATOR

Monitoring Parameter: Benzo(k)fluoranthene (ug/L)

Permit Limit: Report Only

Monitoring Frequency: Quarterly

Sample Type: Grab

<u>Monitoring Period Ending</u>	<u>No Disch. Code</u>	<u>Reported</u>	<u>Reported</u>	<u>Percent Violations</u>	
		<u>Monthly Avg.</u>	<u>Daily Max.</u>	<u>Monthly Avg.</u>	<u>Daily Max.</u>
06/30/98	NDR*				
09/30/98			1.01		0
12/31/98			0.0		0
03/31/99			0.0		0
06/30/99			0.0		0
09/30/99			0.0		0
12/31/99			0.0		0
03/31/00			0.0		0
06/30/00			0.0		0
09/30/00			0.0		0
12/31/00			0.0		0
03/31/01			2.42		0
06/30/01			0.0		0
09/30/01			0.0		0
12/31/01			0.0		0
03/31/02			0.0		0
06/30/02			0.0		0
12/31/02			0.0		0
03/31/03			0.0		0
06/30/03			0.0		0
09/30/03			0.0		0
12/31/03			0.0		0

NDR* - No Data Reported for this parameter

001 - OIL/WATER SEPARATOR

Monitoring Parameter: Benzo(a)pyrene (ug/L)

Permit Limit: Report Only

Monitoring Frequency: Quarterly

Sample Type: Grab

<u>Monitoring Period Ending</u>	<u>No Disch. Code</u>	<u>Reported</u>	<u>Reported</u>	<u>Percent Violations</u>	
		<u>Monthly Avg.</u>	<u>Daily Max.</u>	<u>Monthly Avg.</u>	<u>Daily Max.</u>
06/30/98			0.620		0
09/30/98			0.521		0
12/31/98			0.0		0
03/31/99			0.0		0
06/30/99			0.0		0
09/30/99			0.0		0
12/31/99			0.0		0
03/31/00			0.0		0
06/30/00			0.0		0
09/30/00			0.0		0
12/31/00			0.0		0
03/31/01			1.42		0
06/30/01			0.0		0
09/30/01			0.0		0
12/31/01			0.0		0
03/31/02			0.25		0
06/30/02			0.0		0
09/30/02			0.0		0
12/31/02			0.0		0
03/31/03			0.0		0

06/30/03	0.0	0
09/30/03	0.0	0
12/31/03	0.0	0

001 - OIL/WATER SEPARATOR

Monitoring Parameter: Chrysene (ug/L)

Permit Limit: Report Only

Monitoring Frequency: Quarterly

Sample Type: Grab

<u>Monitoring Period Ending</u>	<u>No Disch. Code</u>	<u>Reported Monthly Avg.</u>	<u>Reported Daily Max.</u>	<u>Percent Violations Monthly Avg.</u>	<u>Daily Max.</u>
06/30/98			1.51		0
09/30/98			1.45		0
12/31/98			0.0		0
03/31/99			0.0		0
06/30/99			0.0		0
09/30/99			0.0		0
12/31/99			0.0		0
03/31/00			0.0		0
06/30/00			0.0		0
09/30/00			0.0		0
12/31/00			0.0		0
03/31/01			3.48		0
06/30/01			0.0		0
09/30/01			0.0		0
12/31/01			0.0		0
03/31/02			1.69		0
06/30/02			0.0		0
09/30/02			0.0		0
12/31/02			0.0		0
03/31/03			0.0		0
06/30/03			0.0		0
09/30/03			0.0		0
12/31/03			0.0		0

001 - OIL/WATER SEPARATOR

Monitoring Parameter: Ethylbenzene (ug/L)

Permit Limit: Report Only

Monitoring Frequency: Quarterly

Sample Type: Grab

<u>Monitoring Period Ending</u>	<u>No Disch. Code</u>	<u>Reported Monthly Avg.</u>	<u>Reported Daily Max.</u>	<u>Percent Violations Monthly Avg.</u>	<u>Daily Max.</u>
06/30/98			6.50		0
09/30/98			0.0		0
12/31/98			0.0		0
03/31/99			17.7		0
06/30/99			0.0		0
09/30/99			0.0		0
12/31/99			0.0		0
03/31/00			0.0		0
06/30/00			0.0		0
09/30/00			0.0		0
12/31/00			0.0		0
03/31/01			0.0		0
06/30/01			0.0		0
09/30/01			0.0		0
12/31/01			0.0		0
03/31/02			0.0		0
06/30/02			0.0		0
09/30/02			0.0		0

12/31/02	0.0	0
03/31/03	0.0	0
06/30/03	0.0	0
09/30/03	0.0	0
12/31/03	7.04	0

001 - OIL/WATER SEPARATOR

Monitoring Parameter: Indeno (1,2,3-cd)pyrene (ug/L)

Permit Limit: Report Only

Monitoring Frequency: Quarterly

Sample Type: Grab

<u>Monitoring Period Ending</u>	No Disch. <u>Code</u>	Reported Monthly <u>Avg.</u>	Reported Daily <u>Max.</u>	Percent Violations Monthly <u>Avg.</u>	Daily <u>Max.</u>
06/30/98			0.610		0
09/30/98			0.521		0
12/31/98			0.0		0
03/31/99			0.0		0
06/30/99			0.0		0
09/30/99			0.0		0
12/31/99			0.0		0
03/31/00			0.0		0
06/30/00			0.0		0
09/30/00			0.0		0
12/31/00			0.0		0
03/31/01			1.27		0
06/30/01			0.0		0
09/30/01			0.0		0
12/31/01			0.0		0
03/31/02			0.0		0
06/30/02			0.0		0
09/30/02			0.0		0
12/31/02			0.0		0
03/31/03			0.0		0
06/30/03			0.0		0
09/30/03			0.0		0
12/31/03			0.0		0

001 - OIL/WATER SEPARATOR

Monitoring Parameter: Benzo(a)anthracene (ug/L)

Permit Limit: Report Only

Monitoring Frequency: Quarterly

Sample Type: Grab

<u>Monitoring Period Ending</u>	No Disch. <u>Code</u>	Reported Monthly <u>Avg.</u>	Reported Daily <u>Max.</u>	Percent Violations Monthly <u>Avg.</u>	Daily <u>Max.</u>
06/30/98			0.0		0
09/30/98			0.0		0
12/31/98			0.0		0
03/31/99			0.0		0
06/30/99			0.0		0
09/30/99			0.0		0
12/31/99			0.0		0
03/31/00			0.0		0
06/30/00			0.0		0
09/30/00			0.0		0
12/31/00			0.0		0
03/31/01			2.09		0
06/30/01			0.0		0
09/30/01			0.0		0
12/31/01			0.0		0
03/31/02			0.0		0

06/30/02	0.0	0
09/30/02	0.0	0
12/31/02	0.0	0
03/31/03	0.0	0
06/30/03	0.0	0
09/30/03	0.0	0
12/31/03	0.0	0

001 - OIL/WATER SEPARATOR

Monitoring Parameter: Dibenzo(a,h)anthracene (ug/L)

Permit Limit: Report Only

Monitoring Frequency: Quarterly

Sample Type: Grab

<u>Monitoring Period Ending</u>	<u>No Disch. Code</u>	<u>Reported Monthly Avg.</u>	<u>Reported Daily Max.</u>	<u>Percent Violations Monthly Avg.</u>	<u>Daily Max.</u>
06/30/98			0.0		0
09/30/98			0.0		0
12/31/98			0.0		0
03/31/99			0.0		0
06/30/99			0.0		0
09/30/99			0.0		0
12/31/99			0.0		0
03/31/00			0.0		0
06/30/00			0.0		0
09/30/00			0.0		0
12/31/00			0.0		0
03/31/01			0.0		0
06/30/01			0.0		0
09/30/01			0.0		0
12/31/01			0.0		0
03/31/02			0.0		0
06/30/02			0.0		0
09/30/02			0.0		0
12/31/02			0.0		0
03/31/03			0.0		0
06/30/03			0.0		0
09/30/03			0.0		0
12/31/03			0.0		0

001 - OIL/WATER SEPARATOR

Monitoring Parameter: Total Xylenes (ug/L)

Permit Limit: Report Only

Monitoring Frequency: Quarterly

Sample Type: Grab

<u>Monitoring Period Ending</u>	<u>No Disch. Code</u>	<u>Reported Monthly Avg.</u>	<u>Reported Daily Max.</u>	<u>Percent Violations Monthly Avg.</u>	<u>Daily Max.</u>
06/30/98			94.5		0
09/30/98			0.0		0
12/31/98			5.36		0
03/31/99			144		0
06/30/99			43.9		0
09/30/99			0.0		0
12/31/99			24.3		0
03/31/00			0.0		0
06/30/00			5.29		0
09/30/00			0.0		0
12/31/00			0.0		0
03/31/01			0.0		0
06/30/01			0.0		0
09/30/01			0.0		0

12/31/01	0.0	0
03/31/02	24.0	0
06/30/02	0.0	0
09/30/02	0.0	0
12/31/02	31.6	0
03/31/03	10.0	0
06/30/03	0.0	0
09/30/03	11.8	0
12/31/03	0.0	0

490 NO DISCHARGE INDICATOR CODES
DESCRIPTION

NODI

-
- A GENERAL PERMIT EXEMPTION
 - B BELOW DETECT LIMIT/NO DETECT
 - C NO DISCHARGE
 - D LOST SAMPLE
 - E ANALYSIS NOT CONDUCTED
 - F INSUFFICIENT FLOW FOR SAMPLING
 - G SAMPLING EQUIPMENT FAILURE
 - H INVALID TEST
 - I LAND APPLIED WASTE WATER
 - J RECYCLED, WATER-CLOSED SYSTEM
 - K FLOOD DISASTER
 - L DMR RECEIVED BUT NOT ENTERED
 - M NOT APPLIC DURING SLUDGE MONITOR PERIOD
 - N NOT TRACKED IN PCS FOR THIS PERIOD
 - Q NOT QUANTIFIABLE
 - 1 WRONG FLOW
 - 2 OPERATIONS SHUTDOWN
 - 3 LOW LEVEL PRODUCTION
 - 4 LAGOON PROCESSING
 - 5 FROZEN CONDITIONS
 - 6 PRODUCTION BASED LIMITS DONT APPLY TO MP
 - 7 DMR RECEIVED, PRODUCTION OR FLOW RELATED
 - 8 OTHER
 - 9 MONITORING IS CONDITIONAL/NOT REQ THIS MP