

Table 2.7-18c Surface Water Quality Sampling Results for C, I and J Pits Area

Outfall	Date	Temp (deg. C)	Flow (gpm)	pH(f) std. unit:	Cond(f) (µmhos)	Cond (µmhos)	TSS (mg/l)	SEDSOL (ml/l/hr)	TDS (mg/l)	Fe (mg/l)	Fe(t) (mg/l)	Al(t) (mg/l)
NPDES	1/7/1997	---	@0	---	---	---	---	---	---	---	---	---
003	3/24/1998	---	@0	---	---	---	---	---	---	---	---	---
	3/26/1998	3	179	8.4	---	189	315	<0.1	110	0.03	---	12.1
	3/24/1998	---	@0	---	---	---	---	---	---	---	---	---
	3/31/1998	---	@0	---	---	---	---	---	---	---	---	---
	12/28/1999	---	@0	---	---	---	---	---	---	---	---	---
	1/4/2000	---	@0	---	---	---	---	---	---	---	---	---
	12/26/2000	---	@0	---	---	---	---	---	---	---	---	---
	1/2/2001	---	@0	---	---	---	---	---	---	---	---	---
	12/28/2001	---	@0	---	---	---	---	---	---	---	---	---
NPDES	3/3/1983	---	255.8	7.45	---	360	76	---	820	---	---	---
005	3/4/1983	---	605.9	---	---	---	40	---	---	---	---	---
	4/12/1983	---	0	---	---	---	48	---	190	---	---	---
	5/17/1983	---	89.8	8.4	---	450	12	---	280	---	---	---
	5/19/1983	---	22.4	---	---	---	9	---	---	---	---	---
	5/24/1983	15	412.9	8.2	---	---	5	---	---	---	---	---
	5/26/1983	---	345.6	---	---	---	5	---	---	---	---	---
	5/31/1983	---	327.6	7.65	---	---	4	---	---	---	---	---
	6/2/1983	---	197.5	---	---	---	4	---	---	---	---	---
	6/7/1983	---	89.8	8	---	---	4	---	---	---	---	---
	6/9/1983	---	49.4	---	---	---	3	---	---	---	---	---
	6/10/1983	---	49.4	---	---	---	---	---	---	---	---	---
	6/14/1983	---	13.5	---	---	---	---	---	---	---	---	---
	6/28/1983	---	9	---	---	---	---	---	---	---	---	---
	7/5/1983	---	9	---	---	---	---	---	---	---	---	---
	7/26/1983	21	22.4	8	---	500	14	---	320	---	---	---
	7/28/1983	---	13.5	---	---	---	10	---	---	---	---	---
	8/2/1983	---	0	---	---	---	---	---	---	---	---	---
	8/9/1983	---	125.7	8.25	---	450	4	---	305	---	---	---
	8/11/1983	---	9	---	---	---	18	---	---	---	---	---
	8/16/1983	24	834.8	8.3	---	---	4	---	---	---	---	---
	8/18/1983	---	273.8	---	---	---	14	---	---	---	---	---
	8/23/1983	---	0	---	---	---	---	---	---	---	---	---
	3/27/1984	---	80.8	8.35	---	670	---	---	320	---	---	---
	3/29/1984	-2	125.7	---	---	---	<4	---	---	---	---	---
	4/3/1984	---	314.2	7.85	---	1030	14	---	315	---	---	---
	4/5/1984	1	628.3	---	---	---	8	---	---	---	---	---
	4/10/1984	1	915.5	8.15	---	---	10	---	---	---	---	---
	4/12/1984	---	727.1	---	---	---	14	---	---	---	---	---
	4/17/1984	6.5	534.1	8.95	---	750	18	---	---	---	---	---
	4/19/1984	---	709.1	---	---	---	16	---	---	---	---	---
	4/24/1984	---	255.8	9.15	---	---	14	---	---	---	---	---
	4/26/1984	---	287.2	---	---	---	6	---	---	---	---	---
	5/1/1984	---	341.1	9.15	---	---	10	---	---	---	---	---

Table 2.7-18c Surface Water Quality Sampling Results for C, I and J Pits Area

Outfall	Date	Temp (deg. C)	Flow (gpm)	pH(f) std. unit:	Cond(f) (µmhos)	Cond (µmhos)	TSS (mg/l)	SEDSOL (ml/l/hr)	TDS (mg/l)	Fe (mg/l)	Fe(t) (mg/l)	Al(t) (mg/l)
NPDES	5/3/1984	---	394.9	---	---	---	26	---	---	---	---	---
005	5/8/1984	6	359	8.85	---	---	14	---	---	---	---	---
	5/10/1984	---	269.3	---	---	---	8	---	---	---	---	---
	5/15/1984	---	224.4	8.65	---	---	10	---	---	---	---	---
	5/16/1984	14.5	210.9	8.5	---	---	14	---	---	---	---	---
	5/17/1984	---	202	---	---	---	16	---	---	---	---	---
	5/22/1984	---	125.7	8.75	---	---	14	---	---	---	---	---
	5/24/1984	---	103.2	---	---	---	8	---	---	---	---	---
	5/29/1984	---	35.9	8.7	---	---	6	---	---	---	---	---
	5/31/1984	---	6	---	---	---	<4	---	---	---	---	---
	6/5/1984	15	161.4	8.8	---	---	14	---	620	---	---	---
	6/7/1984	---	269.3	---	---	---	12	---	---	---	---	---
	6/12/1984	15	44.9	8.8	---	---	8	---	---	---	---	---
	6/14/1984	---	35.9	---	---	---	12	---	---	---	---	---
	8/2/1984	---	0	---	---	---	---	---	---	---	---	---
	8/21/1984	---	0	---	---	---	---	---	---	---	---	---
	8/28/1984	17	25	9.4	---	---	<4	---	735	---	---	---
	11/27/1984	---	0	8.75	---	---	8	---	---	---	---	---
	3/26/1985	3	2315.9	7.9	---	---	30	---	565	---	---	---
	3/28/1985	---	1858.1	---	---	---	24	---	---	---	---	---
	4/2/1985	---	870.7	8.2	---	---	18	---	730	---	---	---
	4/4/1985	---	1171.4	---	---	---	130	---	---	---	---	---
	4/8/1985	8	664.3	7.9	---	---	14	---	---	---	---	---
	4/11/1985	10.5	368.1	8.6	---	---	56	---	---	---	---	---
	4/16/1985	13	305.2	8.55	---	---	18	---	---	---	---	---
	4/18/1985	---	287.3	---	---	---	14	---	---	---	---	---
	4/23/1985	---	1202.8	8.34	---	---	18	---	---	---	---	---
	4/25/1985	---	1023.3	---	---	---	10	---	---	---	---	---
	4/30/1985	11.5	552	8.74	---	---	8	---	---	---	---	---
	5/7/1985	13	98.7	8.51	---	---	6	---	664	---	---	---
	5/14/1985	7.5	112.2	8.4	---	---	6	---	---	---	---	---
	5/21/1985	---	71.8	8.45	---	---	18	---	---	---	---	---
	5/28/1985	---	53.9	8.6	---	---	---	---	---	---	---	---
	6/4/1985	15	31.4	8.7	---	---	<4	---	832	---	---	---
	6/11/1985	---	0	---	---	---	---	---	---	---	---	---
	6/18/1985	20.5	98.7	8.95	---	---	4	---	---	---	---	---
	11/26/1985	---	0	---	---	---	---	---	---	---	---	---
	2/18/1986	0	2962	7.35	---	---	34	<0	904	---	---	---
	2/25/1986	5	825.8	7.9	---	---	22	<0	---	---	---	---
	3/4/1986	4.5	242.4	8.15	---	---	6	0	604	---	---	---
	3/11/1986	6.5	242.4	7.55	---	1160	4	0	---	---	---	---
	3/18/1986	5	219.9	8.2	---	1350	14	0	---	---	---	---
	3/25/1986	8	444.3	8.05	---	---	18	0	---	---	---	---
	4/1/1986	10.5	260.3	8.35	---	---	50	0	650	---	---	---
	4/8/1986	---	0	---	---	---	---	---	---	---	---	---
	4/15/1986	---	0	---	---	---	---	---	---	---	---	---

Table 2.7-18c Surface Water Quality Sampling Results for C, I and J Pits Area

Outfall	Date	Temp (deg. C)	Flow (gpm)	pH(f) std. unit:	Cond(f) (µmhos)	Cond (µmhos)	TSS (mg/l)	SEDSOL (ml/l/hr)	TDS (mg/l)	Fe (mg/l)	Fe(t) (mg/l)	Al(t) (mg/l)
NPDES	9/23/1986	13.5	0	8.65	---	---	12	---	---	---	---	---
005	9/24/1986	---	1207.3	8.75	---	---	6	<0.1	1042	---	---	---
	9/30/1986	8.5	76.3	8.65	---	---	14	0	1014	---	---	---
	10/7/1986	11.5	40.4	8.45	---	---	10	0	970	---	---	---
	10/14/1986	8.5	89.8	8.65	---	---	12	0	---	---	---	---
	10/21/1986	8.5	31.4	8.65	---	---	6	0	---	---	---	---
	2/12/1987	2.5	1557.3	8	---	---	20	<0.1	832	---	---	---
	2/13/1987	---	1965.7	---	---	---	---	<0.1	---	---	---	---
	2/17/1987	1.5	1180.3	8.35	---	---	16	<0.1	662	---	---	---
	2/24/1987	1	18	8.18	---	---	4	0	---	---	---	---
	3/3/1987	1	18	8.65	---	---	6	0	---	---	---	---
	3/10/1987	2.5	1584.3	8.06	---	---	34	0	---	---	---	---
	3/17/1987	6	390.5	8.3	---	---	8	<0.1	---	---	---	---
	3/24/1987	5	40.4	8.78	---	---	8	0	---	---	---	---
	3/31/1987	5	18	8.87	---	---	3	0	---	---	---	---
	4/7/1987	7	641.8	8.43	---	---	22	<0.1	388	---	---	---
	3/8/1988	2.5	511.6	6.9	---	530	44	<0.1	376	---	---	---
	3/15/1988	1.5	9	6.7	---	690	12	0	---	---	---	---
	3/22/1988	5	390.5	7.1	---	1150	18	0	---	---	---	---
	3/29/1988	6	251.3	7.2	---	1330	28	<0.1	---	---	---	---
	4/5/1988	8	40.4	7.6	---	1020	28	<0.1	750	---	---	---
	5/17/1988	17.5	336.6	8.5	---	1390	8	<0.1	1050	---	---	---
	5/24/1988	16.5	323.1	8.3	---	1660	4	0	1244	---	---	---
	5/31/1988	15	170.1	8.2	---	1720	4	0	---	---	---	---
	6/7/1988	19	390.5	8.3	---	1910	8	0	1598	---	---	---
	6/14/1988	19.5	251.3	7.95	---	2110	<2	0	---	---	---	---
	6/21/1988	22.5	309.7	7.9	---	2180	2	0	---	---	---	---
	6/28/1988	23.5	---	8.4	---	2040	<2	0	---	---	---	---
	1/3/1989	---	0	---	---	---	---	---	---	---	---	---
	3/7/1989	---	0	---	---	---	---	---	---	---	---	---
	3/14/1989	2	623.6	7.6	---	340	58	<0.1	434	---	---	---
	3/21/1989	5	67.3	7.7	---	960	8	0	678	---	---	---
	3/28/1989	---	0	---	---	---	---	---	---	---	---	---
	8/29/1989	---	0	---	---	---	---	---	---	---	---	---
	9/5/1989	19	184	9.4	---	1350	12	<0.2	996	<0.02	---	0.06
	9/12/1989	15	160	8.6	---	1360	8	---	---	---	---	---
	9/19/1989	16	130	9.2	---	1320	2	---	---	---	---	---
	9/26/1989	---	0	---	---	---	0	---	---	---	---	---
	12/26/1989	---	0	---	---	---	---	---	---	---	---	---
	3/8/1990	2	587.9	7.2	---	1190	24	<0.2	990	<0.2	---	0.31
	3/13/1990	2	987.4	7.1	---	678	46	---	---	---	---	---
	7/26/1990	---	534.1	---	---	---	---	---	---	---	---	---
	7/27/1990	21	143.6	9	---	---	4	<0.2	1382	---	---	---
	8/1/1990	16	22.4	8.2	---	---	<2	---	---	---	---	---
	7/1/1991	---	4.7	---	---	---	---	---	---	---	---	---
	7/16/1991	---	4.7	---	---	---	---	---	---	---	---	---

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Outfall	Date	Temp (deg. C)	Flow (gpm)	pH(f) std. unit:	Cond(f) (µmhos)	Cond (µmhos)	TSS (mg/l)	SEDSOL (ml/l/hr)	TDS (mg/l)	Fe (mg/l)	Fe(t) (mg/l)	Al(t) (mg/l)
NPDES	7/23/1991	---	4.7	---	---	---	---	---	---	---	---	---
005	7/30/1991	---	4.7	---	---	---	---	---	---	---	---	---
	6/5/1992	10.1	---	7.81	2080	---	---	1678	---	---	---	---
	9/17/1992	12.9	---	7.95	2020	---	---	1654	<0.02	---	---	---
	4/20/1993	---	---	---	---	1790	32	<0.1	1698	<0.02	1.3	1.2
	5/18/1993	---	---	---	---	2220	22	<0.2	1920	---	1	---
	6/8/1993	---	---	---	---	1640	8	<0.4	---	---	0.25	---
	7/6/1993	---	---	---	---	2340	---	---	---	---	---	---
	8/25/1993	13	---	7.8	2370	2740	---	---	1958	<0.02	---	---
	1/4/1994	1	<4.5	7.3	2270	---	---	---	---	---	---	---
	1/11/1994	1	<4.5	7.6	2310	---	<2	<0.1	---	---	---	---
	1/18/1994	1	<4.5	7.8	2310	---	---	---	---	---	---	---
	1/25/1994	2	<4.5	7.6	2320	---	---	---	---	---	---	---
	2/1/1994	1	<4.5	7.5	2300	---	---	---	---	---	---	---
	2/8/1994	2	<4.5	7.5	2250	---	22	<0.1	1882	---	---	---
	2/15/1994	1	<4.5	7.3	2210	---	---	---	---	---	---	---
	2/22/1994	2	<4.5	7.2	2240	---	---	---	---	---	---	---
	3/1/1994	4	9	7	1570	---	24	<0.1	---	---	---	---
	3/8/1994	1	4.5	6.9	2004	---	---	---	---	---	---	---
	3/15/1994	6	<4.5	7.3	2170	---	---	---	---	---	---	---
	3/22/1994	5	<4.5	7.6	2100	---	---	---	---	---	---	---
	3/29/1994	8	4.5	7.7	2110	---	---	---	---	---	---	---
	4/5/1994	6	<4.5	7.6	2180	---	---	---	---	---	---	---
	4/12/1994	6	4.5	7.4	2190	---	---	---	---	---	---	---
	4/19/1994	15	4.5	7.5	1350	---	4	<0.1	---	---	---	---
	4/26/1994	6	<4.5	7.2	2220	---	---	---	---	---	---	---
	5/3/1994	8	4.5	7.5	2100	---	---	---	---	---	---	---
	5/10/1994	9	4.5	7.94	2190	---	18	---	1920	0.04	---	0.2
	5/17/1994	11	<4.5	8	1410	---	---	---	---	---	---	---
	5/24/1994	10	<4.5	8.13	2050	---	---	---	---	---	---	---
	5/31/1994	10	<4.5	8.13	2050	---	---	---	---	---	---	---
	6/7/1994	7	<4.5	8.35	2030	---	15	<0.1	---	---	---	---
	6/14/1994	11	4.5	8.6	1980	---	---	---	---	---	---	---
	6/21/1994	10	<4.5	8.65	1810	---	---	---	---	---	---	---
	6/28/1994	9	<4.5	8.6	1920	---	---	---	---	---	---	---
	7/5/1994	9	<4.5	8.79	1960	---	---	---	---	---	---	---
	7/12/1994	12	<4.5	8.67	1900	---	15	<0.1	---	---	---	---
	7/19/1994	9	<4.5	8.76	1900	---	---	---	---	---	---	---
	7/26/1994	10	<4.5	8.72	1880	---	---	---	---	---	---	---
	8/2/1994	15	<4.5	8.74	2010	---	17	<0.1	1910	---	---	---
	8/9/1994	11	<4.5	8.6	2130	---	---	---	---	---	---	---
	8/16/1994	18	<4.5	8.8	1950	---	---	---	---	---	---	---
	8/23/1994	12	<4.5	8.5	1975	---	---	---	---	---	---	---
	8/30/1994	11	<4.5	8.5	2010	---	---	---	---	---	---	---
	9/6/1994	9	<4.5	8.7	1960	---	3	<0.1	---	---	---	---
	9/13/1994	11	<4.5	8.5	1940	---	---	---	---	---	---	---

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Outfall	Date	Temp (deg. C)	Flow (gpm)	pH(f) std. unit:	Cond(f) (µmhos)	Cond (µmhos)	TSS (mg/l)	SEDSOL (ml/l/hr)	TDS (mg/l)	Fe (mg/l)	Fe(t) (mg/l)	Al(t) (mg/l)
NPDES	9/20/1994	11	<4.5	8.4	1940	---	---	---	---	---	---	---
005	9/27/1994	11	<4.5	8.6	2000	---	---	---	---	---	---	---
	10/4/1994	9	<4.5	8.7	2420	---	---	---	---	---	---	---
	10/11/1994	8	<4.5	8.12	1900	---	3	<0.1	1540	<0.02	---	0.35
	10/18/1994	8	<4.5	7.6	1920	---	---	---	---	---	---	---
	10/25/1994	5	<4.5	8	1990	---	---	---	---	---	---	---
	11/1/1994	7	<4.5	7.9	1960	---	---	---	---	---	---	---
	11/8/1994	4	<4.5	7.9	2030	---	28	<0.1	---	---	---	---
	11/15/1994	5	<4.5	8	1990	---	---	---	---	---	---	---
	11/22/1994	4	<4.5	7.8	2010	---	---	---	---	---	---	---
	11/29/1994	5	<4.5	7.7	2020	---	---	---	---	---	---	---
	12/6/1994	4	<4.5	7.7	1995	---	---	---	---	---	---	---
	12/13/1994	3	<4.5	7.9	1980	---	11	0.1	---	---	---	---
	12/20/1994	4	<4.5	7.7	2040	---	---	---	---	---	---	---
	12/27/1994	3	<4.5	7.8	2090	---	---	---	---	---	---	---
	5/16/1995	---	<4.5	---	---	---	---	---	---	---	---	---
	3/19/1996	8	9	8.1	655	643	7	<0.1	433	---	---	---
	3/20/1996	---	9	---	---	---	---	---	---	---	---	---
	3/27/1996	7	9	8.4	747	---	---	---	---	---	---	---
	4/2/1996	10	287.2	8	833	---	---	---	---	---	---	---
	4/9/1996	8	9	8.2	1310	1868	6	<0.1	1560	0.03	---	<0.05
	4/16/1996	10	22.4	8.1	523	---	---	---	---	---	---	---
	4/17/1996	9	22.4	8.3	679	---	---	---	---	---	---	---
	4/23/1996	12	4.5	8.1	1780	---	---	---	---	---	---	---
	4/30/1996	12	4.5	8.2	1740	---	---	---	---	---	---	---
	5/7/1996	10	4.5	7.4	1257	---	---	---	---	---	---	---
	5/14/1996	12	4.5	8.2	990	---	---	---	---	---	---	---
	5/21/1996	10	4.5	8.3	881	---	---	---	---	---	---	---
	5/28/1996	17	4.5	8.4	894	---	---	---	---	---	---	---
	6/4/1996	20	4.5	8.4	897	---	---	---	---	---	---	---
	6/11/1996	10	4.5	8.2	996	---	---	---	---	---	---	---
	6/18/1996	23	4.5	8.4	1765	---	---	---	---	---	---	---
	6/25/1996	11	4.5	8.3	1130	---	---	---	---	---	---	---
	7/2/1996	11	4.5	8.5	1384	---	---	---	---	---	---	---
	7/9/1996	12	4.5	8.9	1070	---	---	---	---	---	---	---
	7/16/1996	12	4.5	8.7	735	---	---	---	---	---	---	---
	7/23/1996	12	4.5	7.9	1205	---	---	---	---	---	---	---
	7/30/1996	11	4.5	8.26	1238	---	---	---	---	---	---	---
	3/26/1998	5	2370	8.1	360	459	77	<0.1	278	0.02	---	4.4
	3/30/1998	4	287.3	8.3	560	---	---	---	---	---	---	---
	4/6/1998	10	100	8.3	980	916	8	<0.1	640	---	---	---
	4/14/1998	9	62.4	8.2	1090	---	---	---	---	---	---	---
	4/20/1998	10	31.4	8.2	1300	---	---	---	---	---	---	---
	4/29/1998	---	0	---	---	---	---	---	---	---	---	---
	12/28/1999	---	0	---	---	---	---	---	---	---	---	---
	1/4/2000	---	0	---	---	---	---	---	---	---	---	---

Table 2.7-18c Surface Water Quality Sampling Results for C, I and J Pits Area

Outfall	Date	Temp (deg. C)	Flow (gpm)	pH(f) std. unit:	Cond(f) (µmhos)	Cond (µmhos)	TSS (mg/l)	SEDSOL (ml/l/hr)	TDS (mg/l)	Fe (mg/l)	Fe(t) (mg/l)	Al(t) (mg/l)
NPDES 005	12/26/2000	---	0	---	---	---	---	---	---	---	---	---
	1/2/2001	---	0	---	---	---	---	---	---	---	---	---
	12/28/2001	---	0	---	---	---	---	---	---	---	---	---
	1/2/2002	---	0	---	---	---	---	---	---	---	---	---
	12/31/2002	---	0	---	---	---	---	---	---	---	---	---
	1/7/2003	---	0	---	---	---	---	---	---	---	---	---
	12/30/2003	---	0	---	---	---	---	---	---	---	---	---
	1/6/2004	---	0	---	---	---	---	---	---	---	---	---
	12/28/2004	---	0	---	---	---	---	---	---	---	---	---
	1/4/2005	---	0	---	---	---	---	---	---	---	---	---
	12/27/2005	---	0	---	---	---	---	---	---	---	---	---
	1/3/2006	---	0	---	---	---	---	---	---	---	---	---
	3/1/2006	---	0	---	---	---	---	---	---	---	---	---
	3/8/2006	3	625.1	8.1	120	146	54	<0.1	120	0.05	3.63	4.06
	3/14/2006	---	0	---	---	---	---	---	---	---	---	---
	12/26/2006	---	0	---	---	---	---	---	---	---	---	---
	1/2/2007	---	0	---	---	---	---	---	---	---	---	---
	12/25/2007	---	0	---	---	---	---	---	---	---	---	---
	1/2/2008	---	0	---	---	---	---	---	---	---	---	---
	12/30/2008	---	0	---	---	---	---	---	---	---	---	---
	1/6/2009	---	0	---	---	---	---	---	---	---	---	---
	12/29/2009	---	0	---	---	---	---	---	---	---	---	---
	1/6/2010	---	0	---	---	---	---	---	---	---	---	---
	12/29/2010	---	0	---	---	---	---	---	---	---	---	---
	1/6/2011	---	0	---	---	---	---	---	---	---	---	---
	12/29/2011	---	0	---	---	---	---	---	---	---	---	---
	1/3/2012	---	0	---	---	---	---	---	---	---	---	---
	3/13/2012	---	0	---	---	---	---	---	---	---	---	---
	3/19/2012	3	4.7	7.9	920	831	22	<0.1	559	0.03	2.13	2.54
	3/27/2012	---	0	---	---	---	---	---	---	---	---	---
12/26/2012	---	0	---	---	---	---	---	---	---	---	---	
Outfall placed into Subpart H rules, monitoring for flow and constituents ceased from December 2012 to September 2021												
	9/14/2021	---	@0	---	---	---	---	---	---	---	---	---
	12/7/2021	---	@0	---	---	---	---	---	---	---	---	---
NPDES 006	2/25/1982	---	6.3	6.6	---	120	---	---	---	---	---	---
	3/21/1982	---	12.9	---	---	---	---	---	---	---	---	---
	3/9/1982	---	0.01	---	---	---	---	---	---	---	---	---
	3/15/1983	3.5	3.83	---	---	---	---	---	---	---	---	---
	3/17/1983	---	3	---	---	---	---	---	---	---	---	---
	4/17/1984	---	28.6	---	---	---	---	---	---	---	---	---
	4/19/1984	---	3.61	---	---	---	---	---	---	---	---	---
	5/16/1984	---	1.72	8	---	---	1900	---	---	---	---	---
	3/26/1985	---	6.05	---	---	---	---	---	---	---	---	---
	3/28/1985	---	0.01	---	---	---	---	---	---	---	---	---
	3/10/1987	3	80	8.17	---	---	88	<0.1	---	---	---	---
9/1/1987	19	4.49	8.22	---	---	180	<0.1	2174	---	---	---	

Table 2.7-18c Surface Water Quality Sampling Results for C, I and J Pits Area

Outfall	Date	Temp (deg. C)	Flow (gpm)	pH(f) std. unit:	Cond(f) (µmhos)	Cond (µmhos)	TSS (mg/l)	SEDSOL (ml/l/hr)	TDS (mg/l)	Fe (mg/l)	Fe(t) (mg/l)	Al(t) (mg/l)
NPDES	9/8/1987	21	4.49	8.23	---	---	20	<0.1	2120	---	---	---
006	9/15/1987	20	22.4	8.12	---	---	16	<0.1	2042	---	---	---
	9/22/1987	14	13.5	8.06	---	---	6	<0.1	---	---	---	---
	9/29/1987	10	13.5	7.85	---	---	4	<0.1	1926	---	---	---
	10/6/1987	8.5	13.5	8.01	---	---	10	<0.1	1744	---	---	---
	10/13/1987	9.5	18	8.18	---	---	8	<0.1	---	---	---	---
	10/20/1987	8	13.5	8	---	---	10	<0.1	1620	---	---	---
	10/27/1987	11.8	13.5	7.8	---	---	8	<0.1	1608	---	---	---
	11/3/1987	9.9	18	7.9	---	---	<2	0	1668	---	---	---
	11/11/1987	7.4	18	7.9	---	---	4	0	---	---	---	---
	11/17/1987	1.9	13.5	7.9	---	---	4	0	---	---	---	---
	11/24/1987	207	13.5	7.8	---	---	2	0	---	---	---	---
	12/1/1987	3	8.98	7.9	---	---	60	0	1368	---	---	---
	12/8/1987	1	8.98	8.2	---	---	4	0	---	---	---	---
	12/15/1987	2	8.98	8	---	---	14	0	---	---	---	---
	12/22/1987	0	13.5	7.8	---	---	16	0	---	---	---	---
	12/29/1987	0	13.5	7.6	---	---	4	0	---	---	---	---
	1/5/1988	0.3	8.98	8.5	---	---	10	0	1806	---	---	---
	1/12/1988	0.1	13.5	7.5	---	---	6	0	---	---	---	---
	1/19/1988	-0.1	2.24	7.6	---	---	4	0	---	---	---	---
	1/25/1988	0	4.49	7.6	---	---	<2	0	---	---	---	---
	2/2/1988	0.2	1.1	6.4	---	---	4	0	1702	---	---	---
	2/9/1988	-0.5	2.5	6.6	---	---	<2	0	---	---	---	---
	2/16/1988	0	4.49	6.8	---	---	<2	0	---	---	---	---
	2/23/1988	0	4.49	6.6	---	---	4	0	---	---	---	---
	3/1/1988	2.5	10	6.7	---	---	14	<0.1	1134	---	---	---
	3/8/1988	2	98.7	6.8	---	780	24	<0.1	---	---	---	---
	3/15/1988	2.5	44.9	6.7	---	1510	6	0	---	---	---	---
	3/22/1988	3.5	911	6.6	---	510	276	<0.5	---	---	---	---
	3/29/1988	5	31.4	7.1	---	940	22	<0.1	---	---	---	---
	4/5/1988	8	18	7.4	---	1460	18	0	1034	---	---	---
	4/12/1988	7.5	13.5	7.3	---	1480	12	0	---	---	---	---
	4/19/1988	13.5	13.5	7.8	---	1660	16	0	---	---	---	---
	4/26/1988	10	13.5	7.5	---	1530	8	0	---	---	---	---
	5/3/1988	9	18	7.6	---	1710	8	0	1288	---	---	---
	5/10/1988	11	18	7.7	---	1630	6	0	---	---	---	---
	5/17/1988	17	13.5	8	---	1880	<2	<0.1	---	---	---	---
	5/24/1988	11.5	13.5	8	---	2010	6	0	---	---	---	---
	5/31/1988	14	13.5	7.8	---	1770	6	0	---	---	---	---
	6/7/1988	19.5	13.5	8.1	---	1890	2	0	1462	---	---	---
	6/14/1988	22	8.98	7.9	---	2100	4	0	---	---	---	---
	6/21/1988	23.5	8.98	7.85	---	2140	10	0	---	---	---	---
	6/28/1988	27	8.98	8.4	---	2280	10	0	---	---	---	---
	7/5/1988	24.5	4.49	8.4	---	2400	4	0	---	---	---	---
	7/12/1988	23	4.49	8.4	---	2370	<2	0	---	---	---	---
	1/3/1989	---	@0	---	---	---	---	---	---	---	---	---
	2/28/1989	---	@0	---	---	---	---	---	---	---	---	---
	3/7/1989	0.5	4.48	7.7	---	1760	14	<0.1	1766	---	---	---
	3/14/1989	2	13.5	7.5	---	1190	2	<0.1	---	---	---	---
	3/21/1989	5	13.5	7.4	---	1470	<2	0	---	---	---	---
	3/28/1989	9.5	18	7.7	---	1410	2	0	---	---	---	---
	4/4/1989	5.5	13.5	8.2	---	1600	<2	0	---	---	---	---
	4/11/1989	7	13.5	8.5	---	1350	<2	<0.1	---	---	---	---

Table 2.7-18c Surface Water Quality Sampling Results for C, I and J Pits Area

Outfall	Date	Temp (deg. C)	Flow (gpm)	pH(f) std. unit:	Cond(f) (µmhos)	Cond (µmhos)	TSS (mg/l)	SEDSOL (ml/l/hr)	TDS (mg/l)	Fe (mg/l)	Fe(t) (mg/l)	Al(t) (mg/l)
NPDES 006	4/18/1989	15	8.98	8.4	---	1600	<2	0	---	---	---	---
	4/25/1989	13	8.98	8.5	---	1810	<2	0	---	---	---	---
	5/21/1989	14	135	8.5	---	1890	4	0	---	---	---	---
	5/9/1989	15	8.98	8.4	---	1970	<2	0	---	---	---	---
	5/16/1989	13	8.98	8.2	---	1870	14	0	---	---	---	---
	5/23/1989	18	4.49	8.2	---	2070	10	0	---	---	---	---
	5/30/1989	20	8.98	8.3	---	2200	<2	0	---	---	---	---
	6/6/1989	17	<4.49	8.4	---	2120	<2	0	---	---	---	---
	6/13/1989	22	<4.49	8.4	---	2210	4	0	---	---	---	---
	6/20/1989	---	@0	---	---	---	---	---	---	---	---	---
	12/26/1989	---	@0	---	---	---	---	---	---	---	---	---
	3/6/1990	1	242	7.3	---	174	142	<0.2	188	---	---	---
	3/13/1990	1	<4.4	7	---	522	40	---	---	---	---	---
	3/22/1990	7	22.4	7	---	898	10	---	---	---	---	---
	3/27/1990	8	8.9	8.4	---	1020	10	---	---	---	---	---
	4/3/1990	15	<4.4	8.5	---	1480	4	---	---	---	---	---
	4/11/1990	9	<4.4	8.2	---	1430	4	---	---	---	---	---
	4/17/1990	12	<4.49	8.3	---	1590	6	---	---	---	---	---
	4/25/1990	9.5	4.49	8.2	---	140	8	<0.2	1180	---	---	---
	5/21/1990	16	<4.49	8.5	---	1800	<2	<0.2	1256	---	---	---
	5/9/1990	10.5	<4.49	8.1	---	1790	8	---	---	---	---	---
	5/16/1990	14	<4.49	8.3	---	1710	6	---	---	---	---	---
	5/23/1990	21	<4.49	8.2	---	1800	14	---	---	---	---	---
	5/30/1990	17	<4.49	8.2	---	1920	2	<0.2	1400	<0.02	---	0.09
	6/6/1990	24	<4.49	8.6	---	1650	4	---	---	---	---	---
	6/13/1990	---	<4.49	---	---	---	---	---	1470	<0.02	---	0.42
	1/8/1991	---	@0	---	---	---	---	---	---	---	---	---
	3/6/1991	---	@0	---	---	---	---	---	---	---	---	---
	3/15/1991	5	40.4	7.8	---	1260	6	<0.2	944	<0.02	---	<0.05
	3/20/1991	4	4.49	7.89	---	1360	<2	0	---	---	---	---
	3/26/1991	6.5	4.49	8.3	---	1530	8	0	---	---	---	---
	4/2/1991	12	4.49	8.22	---	1550	18	<0.2	1234	---	---	---
	4/12/1991	---	40.4	7.9	---	1610	10	<0.2	---	---	---	---
	4/17/1991	---	4.5	8.1	---	1640	16	<0.2	---	---	---	---
	4/26/1991	---	4.5	8.1	---	1680	<2	<0.2	---	---	---	---
	5/1/1991	16	<4.5	8.2	---	1710	2	<0.2	---	---	---	---
	5/8/1991	13.5	4.5	8.1	---	1710	<2	<0.2	---	---	---	---
	5/14/1991	19.5	<4.49	8.07	---	1730	<2	<0.2	---	---	---	---
	5/21/1991	---	<4.49	8.1	---	1820	<2	<0.2	---	---	---	---
	5/30/1991	16	<4.49	8.1	---	1810	16	<0.2	1394	---	---	---
	6/6/1991	---	@0	---	---	---	---	---	---	---	---	---
	8/13/1991	---	@0	---	---	---	---	---	---	---	---	---
	8/15/1991	20.9	53.9	8.4	---	2090	8	<0.2	942	<0.02	---	0.07
8/20/1991	17.7	53.9	7.75	---	2220	6	0	---	---	---	---	
8/27/1991	17.5	44.9	7.74	---	2170	2	0	---	---	---	---	
9/3/1991	15.4	<4.49	7.58	---	2020	4	0	---	---	---	---	
9/11/1991	12.7	71.8	7.75	---	1460	8	<0.2	---	---	---	---	
9/18/1991	108	13.5	7.95	---	1810	2	0	---	---	---	---	
9/24/1991	13.4	4.49	7.99	---	1770	8	0	---	---	---	---	
10/1/1991	17	4.5	8.26	---	1730	28	0	854	---	---	---	
10/7/1991	16	4.5	8.02	---	1800	---	0	---	---	---	---	
10/8/1991	14.4	4.49	8.28	---	1840	<2	0	---	---	---	---	
10/17/1991	---	<4.49	8.28	---	---	4	0	---	---	---	---	

Table 2.7-18c Surface Water Quality Sampling Results for C, I and J Pits Area

Outfall	Date	Temp (deg. C)	Flow (gpm)	pH(f) std. unit:	Cond(f) (µmhos)	Cond (µmhos)	TSS (mg/l)	SEDSOL (ml/l/hr)	TDS (mg/l)	Fe (mg/l)	Fe(t) (mg/l)	Al(t) (mg/l)
NPDES	10/22/1991	---	0	---	---	---	---	---	---	---	---	---
006	10/29/1991	5	4.49	8.03	---	1910	<2	<0.2	---	---	---	---
	11/6/1991	3	13.5	7.8	---	1870	<2	<0.2	1474	---	---	---
	11/12/1991	---	18	8.02	---	2030	6	0	---	---	---	---
	11/19/1991	3	31.4	8.06	---	1910	---	0	---	---	---	---
	11/26/1991	2.9	4.49	7.88	---	2080	---	0	---	---	---	---
	12/3/1991	1.5	<4.49	7.81	---	1810	10	0	---	---	---	---
	12/10/1991	2.5	<4.49	7.92	---	2070	18	0	1470	---	---	---
	12/17/1991	---	@0	---	---	---	---	---	---	---	---	---
	2/4/1992	---	@0	---	---	---	---	---	---	---	---	---
	2/5/1992	0.5	49.4	7.8	---	1700	8	<0.2	1120	---	---	---
	2/11/1992	0.5	22.4	7.7	---	1650	<2	0	---	---	---	---
	2/18/1992	---	0	---	---	---	---	---	---	---	---	---
	2/25/1992	0.5	13.5	7.98	---	1540	12	0	---	---	---	---
	3/2/1992	2	40.4	7.84	---	880	<2	<0.2	676	---	---	---
	3/10/1992	2.5	18	7.99	---	1040	<2	0	---	---	---	---
	3/17/1992	9.5	4.49	8.5	---	1090	10	0.0001	---	---	---	---
	3/24/1992	6.1	4.49	8.13	---	1380	6	<0.1	---	---	---	---
	3/31/1992	105	4.49	8.27	---	1440	<2	0	---	---	---	---
	4/7/1992	---	0	---	---	---	---	---	---	---	---	---
	4/14/1992	---	0	---	---	---	---	---	---	---	---	---
	4/21/1992	12.2	40.4	8.11	---	1590	2	0	1206	---	---	---
	4/28/1992	21.5	<4.49	8.13	---	1510	4	0	---	---	---	---
	5/5/1992	20.2	8.98	8.13	---	1540	2	0	---	---	---	---
	5/12/1992	20.6	8.98	8.3	---	1380	18	0	---	---	---	---
	5/19/1992	23.1	<4.49	8.22	---	1500	2	0	---	---	---	---
	5/26/1992	---	0	---	---	---	---	---	---	---	---	---
	5/27/1992	18.1	<4.49	8.05	---	1530	12	0	---	---	---	---
	6/2/1992	23.1	4.49	8.34	---	1140	6	0	786	---	---	---
	6/9/1992	16.9	13.9	8.09	---	1170	14	0	---	---	---	---
	6/16/1992	---	0	---	---	---	---	---	---	---	---	---
	6/23/1992	---	0	---	---	---	---	---	---	---	---	---
	6/30/1992	---	0	---	---	---	---	---	---	---	---	---
	7/7/1992	16.7	130	7.78	---	1600	10	0	1326	---	---	---
	7/14/1992	16.2	13.5	7.56	---	1240	<2	0	---	---	---	---
	7/21/1992	26.4	<4.49	8.25	---	1340	2	0	---	---	---	---
	7/28/1992	---	0	---	---	---	---	---	---	---	---	---
	8/11/1992	17	22.4	7.74	---	1230	6	0	---	---	---	---
	8/18/1992	24.6	<4.49	8.02	---	1240	2	0	---	---	---	---
	8/25/1992	15.4	89.7	7.67	---	1420	<2	0	---	---	---	---
	9/1/1992	---	@0	---	---	---	---	---	---	---	---	---
	11/24/1992	---	@0	---	---	---	---	---	---	---	---	---
	12/1/1992	1.1	9	8.97	---	1076	---	---	---	---	---	---
	12/7/1992	---	180	7.94	---	---	---	---	---	---	---	---
	12/8/1992	0.04	7	8.07	---	2.06	50	0	1386	0.04	---	0.34
	12/15/1992	0.05	98.7	8.27	---	1.92	---	---	---	---	---	---
	1/5/1993	---	0	---	---	---	---	---	---	---	---	---
	1/12/1993	---	0	---	---	---	---	---	---	---	---	---
	1/19/1993	8	89.8	8	---	1950	10	<0.2	1480	---	---	---
	1/26/1993	---	0	---	---	---	---	---	---	---	---	---
	2/3/1993	---	0	---	---	---	---	---	---	---	---	---
	2/10/1993	3	25	7.2	---	1500	8	<0.4	1136	---	---	---
	2/16/1993	---	0	---	---	---	---	---	---	---	---	---

Table 2.7-18c Surface Water Quality Sampling Results for C, I and J Pits Area

Outfall	Date	Temp (deg. C)	Flow (gpm)	pH(f) std. unit:	Cond(f) (µmhos)	Cond (µmhos)	TSS (mg/l)	SEDSOL (ml/l/hr)	TDS (mg/l)	Fe (mg/l)	Fe(t) (mg/l)	Al(t) (mg/l)
NPDES 006	2/23/1993	---	0	---	---	---	---	---	---	---	---	---
	3/2/1993	---	0	---	---	---	---	---	---	---	---	---
	3/9/1993	9	130	6.8	---	760	26	<5	866	---	---	---
	3/16/1993	11	71.8	7.8	---	725	40	<0.2	---	---	---	---
	3/23/1993	9	31	8.4	---	980	<2	<0.2	---	---	---	---
	3/30/1993	4	31	8.21	---	950	<2	---	---	---	---	---
	4/7/1993	4	22.4	8.8	---	970	<2	<0.2	---	---	---	---
	4/14/1993	2	8.98	8.5	---	1525	18	<0.2	---	---	---	---
	4/20/1993	4	22.4	8.3	---	1394	14	0.1	978	<0.02	---	0.68
	4/26/1993	6	22.4	8.3	---	1786	---	---	---	---	---	---
	4/27/1993	10	18	8.3	---	1830	<2	<0.02	---	---	---	---
	5/3/1993	8	8.98	7.2	---	1766	---	---	---	---	---	---
	5/4/1993	9	40.4	7.3	---	1739	<2	<0.02	---	---	---	---
	5/11/1993	19	8.98	7.9	---	1710	<2	<0.02	---	---	---	---
	5/17/1993	14	4.48	7.3	---	1701	<2	<0.02	---	---	---	---
	5/18/1993	12	4.48	7.4	---	1721	8	<0.02	1398	---	---	---
	5/25/1993	---	@0	---	---	---	---	---	---	---	---	---
	2/22/1994	---	@0	---	---	---	---	---	---	---	---	---
	3/1/1994	2	62.8	6.9	---	335	14	<0.1	186	---	---	---
	3/8/1994	2	71.8	7.1	---	430	---	---	---	---	---	---
	3/15/1994	4	71.8	7.4	---	655	---	---	---	---	---	---
	3/22/1994	5	22.4	7.8	---	1020	---	---	---	---	---	---
	3/28/1994	8	4.48	7.9	---	1120	---	---	---	---	---	---
	4/5/1994	6	<4.48	7.7	---	1210	---	---	---	---	---	---
	4/12/1994	4	<4.48	7.6	---	1290	---	---	---	---	---	---
	4/19/1994	15	<4.48	7.5	---	1350	6	<0.1	---	---	---	---
	4/26/1994	11	<4.48	7.8	---	1410	---	---	---	---	---	---
	5/3/1994	8	<4.48	7.6	---	1360	---	---	---	---	---	---
	5/10/1994	11	<4.48	7.85	---	1510	13	<0.1	1230	0.06	---	0.53
	5/17/1994	---	@0	---	---	---	---	---	---	---	---	---
	5/2/1995	---	@0	---	---	---	---	---	---	---	---	---
	5/9/1995	7	53.9	8.4	---	552	32	<0.1	400	<0.02	---	1.83
	5/16/1995	14	<4.48	8.1	---	716	---	---	---	---	---	---
	5/23/1995	13	4.48	8.3	---	950	---	---	---	---	---	---
	5/30/1995	16	<4.48	8.3	---	1250	---	---	---	---	---	---
	6/6/1995	16	<4.48	7.9	---	990	---	---	---	---	---	---
	6/13/1995	16	<4.48	7.9	---	1308	20	<0.1	---	---	---	---
	6/20/1995	16	<4.48	8	---	841	---	---	---	---	---	---
	6/27/1995	18	<4.48	7.9	---	819	---	---	---	---	---	---
	7/4/1995	---	@0	---	---	---	---	---	---	---	---	---
	3/5/1996	---	@0	---	---	---	---	---	---	---	---	---
	3/12/1996	1	319	8.4	---	364	10	0.1	---	---	---	---
	3/19/1996	8	4.48	8.5	---	234	---	---	---	---	---	---
	3/26/1996	5	<4.48	8.4	---	297	---	---	---	---	---	---
	4/2/1996	8	<4.48	8	---	608	---	---	---	---	---	---
	4/9/1996	12	<4.48	8.3	---	852	11	<0.1	---	---	---	---
	4/16/1996	9	<4.48	8	---	822	---	---	---	---	---	---
4/23/1996	8	<4.48	8.2	---	987	---	---	---	---	---	---	
4/30/1996	10	<4.48	8.1	---	882	---	---	---	---	---	---	
5/7/1996	12	<4.48	7.5	---	1063	---	---	---	---	---	---	
5/14/1996	13	<4.48	8.1	---	600	---	---	---	---	---	---	
5/21/1996	25	<4.48	8.5	---	592	---	---	---	---	---	---	
5/28/1996	29	<4.48	8.5	---	641	---	---	---	---	---	---	

Table 2.7-18c Surface Water Quality Sampling Results for C, I and J Pits Area

Outfall	Date	Temp (deg. C)	Flow (gpm)	pH(f) std. unit:	Cond(f) (µmhos)	Cond (µmhos)	TSS (mg/l)	SEDSOL (ml/l/hr)	TDS (mg/l)	Fe (mg/l)	Fe(t) (mg/l)	Al(t) (mg/l)
NPDES 006	6/4/1996	24	<4.48	8.6	---	783	---	0.3	---	---	---	---
	6/11/1996	---	@0	---	---	---	---	---	---	---	---	---
	3/11/1997	---	@0	---	---	---	---	---	---	---	---	---
	3/18/1997	6	8.64	8.3	---	---	---	<0.1	---	---	---	---
	3/25/1997	5	<1.62	7.8	---	---	---	---	---	---	---	---
	4/1/1997	7	<1.62	8	---	---	---	---	---	---	---	---
	4/8/1997	6	<1.62	7.9	---	---	---	<0.1	830	---	---	---
	4/15/1997	10	8.64	8	---	---	---	---	---	---	---	---
	4/22/1997	10	<1.62	7.6	---	---	---	---	---	---	---	---
	4/29/1997	13	1.62	7.6	---	---	---	---	---	---	---	---
	5/6/1997	18	<4.66	7.4	---	---	---	---	---	---	---	---
	5/13/1997	17	8.64	7.9	---	---	---	<0.1	750	---	---	---
	5/20/1997	21	8.64	8.1	---	---	---	---	---	---	---	---
	5/27/1997	19	24.8	7.8	---	---	---	---	---	---	---	---
	6/3/1997	24	24.8	7.8	---	---	---	---	---	---	---	---
	6/10/1997	21	31.4	8.5	---	---	---	---	---	---	---	---
	6/17/1997	24	4.66	7.9	---	---	---	<0.4	710	---	---	---
	6/24/1997	---	@0	---	---	---	---	---	---	---	---	---
	3/17/1998	---	@0	---	---	---	---	---	---	---	---	---
	3/24/1998	4	625	8.2	---	356	34	<0.1	207	0.05	---	1.91
	3/31/1998	3	24.8	8	---	---	---	---	---	---	---	---
	4/6/1998	10	4.65	8.3	---	950	<5	<0.1	650	---	---	---
	4/13/1998	9	13.4	8.7	---	---	---	---	---	---	---	---
	4/21/1998	10	18.8	8.4	---	---	---	---	---	---	---	---
	4/29/1998	13	1.62	8.2	---	---	---	---	---	---	---	---
	5/6/1998	15	13.4	8.3	---	---	<5	<0.1	---	---	---	---
	5/14/1998	16	18.8	8.2	---	---	---	---	---	---	---	---
	5/20/1998	19	13.4	8.9	---	---	---	---	---	---	---	---
	5/28/1998	12	13.4	8.1	---	---	---	---	---	---	---	---
	6/3/1998	21	8.64	8.2	---	1320	12	<0.1	---	---	---	---
	6/10/1998	22	8.64	8.2	---	---	---	---	---	---	---	---
	6/16/1998	---	@0	---	---	---	---	---	---	---	---	---
	12/28/1999	---	@0	---	---	---	---	---	---	---	---	---
	1/4/2000	---	@0	---	---	---	---	---	---	---	---	---
	12/26/2000	---	@0	---	---	---	---	---	---	---	---	---
1/2/2001	---	@0	---	---	---	---	---	---	---	---	---	
12/28/2001	---	@0	---	---	---	---	---	---	---	---	---	
1/2/2002	---	@0	---	---	---	---	---	---	---	---	---	
12/31/2002	---	@0	---	---	---	---	---	---	---	---	---	
1/7/2003	---	@0	---	---	---	---	---	---	---	---	---	
12/30/2003	---	@0	---	---	---	---	---	---	---	---	---	
1/6/2004	---	@0	---	---	---	---	---	---	---	---	---	
12/28/2004	---	@0	---	---	---	---	---	---	---	---	---	
NPDES 014	1/7/1997	---	@0	---	---	---	---	---	---	---	---	---
	3/24/1998	---	@0	---	---	---	---	---	---	---	---	---
	3/26/1998	6	8.6	8.3	220	244	44	<0.1	142	0.03	---	1.44
	3/30/1998	---	@0	---	---	---	---	---	---	---	---	---
	12/28/1999	---	@0	---	---	---	---	---	---	---	---	---
	1/4/2000	---	@0	---	---	---	---	---	---	---	---	---
	12/26/2000	---	@0	---	---	---	---	---	---	---	---	---
	1/2/2001	---	@0	---	---	---	---	---	---	---	---	---
	12/28/2001	---	@0	---	---	---	---	---	---	---	---	---
	1/2/2002	---	@0	---	---	---	---	---	---	---	---	---

Table 2.7-18c Surface Water Quality Sampling Results for C, I and J Pits Area

Outfall	Date	Temp (deg. C)	Flow (gpm)	pH(f) std. unit:(µmhos)	Cond(f) (µmhos)	Cond (mg/l)	TSS (mg/l)	SEDSOL (ml/l/hr)	TDS (mg/l)	Fe (mg/l)	Fe(t) (mg/l)	Al(t) (mg/l)
NPDES	1/4/2005	---	@0	---	---	---	---	---	---	---	---	---
014	12/27/2005	---	@0	---	---	---	---	---	---	---	---	---
	1/3/2006	---	@0	---	---	---	---	---	---	---	---	---
	2/21/2006	---	@0	---	---	---	---	---	---	---	---	---
	3/1/2006	6	702.8	8	60	66	52	<0.1	40	0.02	1.6	1.62
	3/8/2006	2	1.6	8.1	140	---	---	---	---	---	---	---
	3/14/2006	---	@0	---	---	---	---	---	---	---	---	---
	3/21/2006	---	@0	---	---	---	---	---	---	---	---	---
	3/28/2006	5	4.7	7.9	2700	---	---	---	---	---	---	---
	4/5/2006	---	@0	---	---	---	---	---	---	---	---	---
	12/26/2006	---	@0	---	---	---	---	---	---	---	---	---
	1/2/2007	---	@0	---	---	---	---	---	---	---	---	---
	12/25/2007	---	@0	---	---	---	---	---	---	---	---	---
	1/2/2008	---	@0	---	---	---	---	---	---	---	---	---
	4/8/2008	---	@0	---	---	---	---	---	---	---	---	---
	4/15/2008	9	1.6	8.4	540	615	57	<0.1	420	0.02	2.7	3.08
	4/22/2008	---	@0	---	---	---	---	---	---	---	---	---
	12/30/2008	---	@0	---	---	---	---	---	---	---	---	---
	1/6/2009	---	@0	---	---	---	---	---	---	---	---	---
	12/29/2009	---	@0	---	---	---	---	---	---	---	---	---
	1/6/2010	---	@0	---	---	---	---	---	---	---	---	---
	12/29/2010	---	@0	---	---	---	---	---	---	---	---	---
	1/6/2011	---	@0	---	---	---	---	---	---	---	---	---
	12/29/2011	---	@0	---	---	---	---	---	---	---	---	---
	1/3/2012	---	@0	---	---	---	---	---	---	---	---	---
	2/28/2012	---	@0	---	---	---	---	---	---	---	---	---
	3/6/2012	2	38.4	7.6	70	131	10	<0.1	84	0.04	0.23	0.25
	3/13/2012	---	@0	---	---	---	---	---	---	---	---	---
	12/26/2012	---	@0	---	---	---	---	---	---	---	---	---

Table 2.7-18c Surface Water Quality Sampling Results for C, I and J Pits Area

Outfall	Date	As(t) (mg/l)	HCO3 (mg/l)	Ba(t) (mg/l)	B (mg/l)	Ca (mg/l)	Cd(t) (mg/l)	Cr(t) (mg/l)	Cu(t) (mg/l)	F (mg/l)	Mg (mg/l)
NPDES 003	3/26/1998	0.004	100	0.184	0.03	23.2	<0.003	<0.01	0.01	0.2	7.1
NPDES 005	9/5/1989	<0.001	---	0.05	0.11	---	<0.005	<0.01	<0.01	0.4	---
	3/8/1990	0.003	---	0.04	---	104	<0.005	<0.01	<0.01	0.2	129
	9/17/1992	---	234	---	0.22	166	---	---	---	0.4	169
	4/20/1993	<0.001	492	0.05	0.21	191	---	<0.01	<0.01	0.4	182
	8/25/1993	---	422	---	0.21	193	---	---	---	0.4	193
	5/10/1994	<0.001	470	0.04	0.16	180	<0.005	<0.01	<0.01	0.4	170
	10/11/1994	0.002	550	0.04	0.24	180	<0.005	0.01	<0.01	0.4	160
	4/9/1996	<0.001	505	0.07	0.2	167	<0.005	0.01	0.01	0.4	146
	3/26/1998	0.002	134	0.094	0.05	38.8	<0.003	<0.01	<0.01	0.1	27.7
	3/8/2006	0.001	62	0.064	0.03	17.4	<0.005	<0.01	<0.01	<0.1	3.9
	3/19/2012	0.002	208	0.076	0.08	62.1	<0.01	<0.02	<0.02	0.1	61.7
NPDES 006	5/9/1990	---	---	---	---	---	---	---	---	---	100
	5/16/1990	---	---	---	---	---	---	---	---	---	99
	5/23/1990	---	---	---	---	---	---	---	---	---	109
	5/30/1990	<0.001	---	0.03	---	---	<0.01	0.01	0.02	0.5	112
	6/6/1990	---	---	---	---	---	---	---	---	---	109
	6/13/1990	<0.001	---	0.04	---	---	0.02	0.18	0.1	0.5	115
	3/15/1991	0.005	138	0.06	0.06	73	<0.005	<0.01	<0.01	0.2	45
	8/15/1991	<0.0010	116	0.15	0.17	103	<0.005	0.03	0.04	0.2	79
	12/8/1992	<0.001	416	0.11	0.22	192	<0.005	<0.01	<0.01	0.3	125
	4/20/1993	<0.001	262	0.05	0.14	117		<0.01	<0.01	0.5	90
	5/10/1994	<0.001	280	0.05	0.1	120	<0.005	<0.01	<0.01	0.5	90
	5/9/1995	<0.001	150	0.07	<0.02	61.4	<0.005	<0.01	0.01	0.31	27.9
	3/24/1998	0.001	122	0.07	0.04	41.6	<0.003	<0.01	<0.01	0.2	15.7
NPDES 014	3/26/1998	0.001	103	0.089	0.04	32.8	<0.003	<0.01	<0.01	0.1	7.2
	3/1/2006	0.001	30	0.035	0.02	8.3	<0.005	<0.01	<0.01	<0.1	1.5
	4/15/2008	0.002	139	0.131	0.19	60.2	<0.005	<0.01	<0.01	<0.1	23.3
	3/6/2012	0.002	55	0.045	0.03	16.7	<0.01	<0.02	<0.02	<0.1	3.5

Table 2.7-18c Surface Water Quality Sampling Results for C, I and J Pits Area

Outfall	Date	Pb(t) (mg/l)	Mn (mg/l)	Mn(t) (mg/l)	Mo(t) (mg/l)	Ni (mg/l)	Na (mg/l)	NO3 (mg/l)	SAR (ratio)	Se(t) (mg/l)	SO4 (mg/l)	Zn(t) (mg/l)
NPDES 003	3/26/1998	<0.04	<0.005	0.192	<0.01	<0.01	1.2	0.57	0.05	<0.002	20	---
NPDES 005	3/3/1983	---	---	---	---	---	---	---	---	---	---	0.03
	4/12/1983	---	---	---	---	---	---	---	---	---	---	0.02
	5/17/1983	---	---	---	---	---	---	---	---	---	---	0.02
	7/26/1983	---	---	---	---	---	---	---	---	---	---	<0.005
	3/27/1984	---	---	---	---	---	---	---	---	---	---	0.03
	4/3/1984	---	---	---	---	---	---	---	---	---	---	0.05
	8/28/1984	---	0.048	---	---	---	---	---	---	---	---	---
	3/26/1985	---	60	---	---	---	---	---	---	---	---	0.018
	4/2/1985	---	---	---	---	---	---	---	---	---	---	<0.005
	9/5/1989	0.02	0.01	0.03	<0.05	<0.02	---	4.84	---	0.001	560	---
	3/8/1990	<0.02	0.08	0.24	<0.05	---	---	2.08	---	<0.001	525	---
	9/17/1992	---	0.1	0.09	---	<0.02	97	<0.02	1.28	---	842	---
	4/20/1993	<0.02	<0.01	0.14	<0.01	<0.02	105	0.43	1.32	<0.001	897	---
	8/25/1993	---	0.08	0.14	---	<0.02	112	1.47	1.38	---	1036	---
	5/10/1994	<0.05	0.08	0.15	<0.05	<0.02	100	1.5	1.28	0.002	850	---
	10/11/1994	<0.05	0.13	0.16	<0.05	<0.02	72	0.33	1.71	0.006	740	---
	4/9/1996	<0.05	0.15	0.17	<0.05	<0.02	85	0.53	1.16	0.001	209	---
	3/26/1998	<0.04	0.053	0.115	<0.01	<0.01	16.7	0.31	0.5	<0.002	100	---
	3/8/2006	<0.04	<0.005	0.053	<0.01	<0.01	1.6	0.24	0.09	<0.001	<10	0.03
	3/19/2012	<0.08	0.312	0.351	<0.02	<0.02	36.4	0.11	0.79	<0.001	250	0.05
NPDES 006	5/30/1990	<0.02	<0.01	0.01	<0.05	---	---	1.25	---	0.011	677	---
	6/13/1990	0.02	<0.01	0.02	<0.05	---	---	0.21	---	0.007	632	---
	3/15/1991	<0.02	<0.01	<0.01	<0.05	<0.02	331	3.6	7.6	0.001	296	---
	8/15/1991	0.05	<0.01	0.05	<0.05	---	49	1.81	0.89	0.002	486	---
	12/8/1992	<0.02	0.13	0.12	<0.05	<0.02	59	24.3	0.8	0.001	636	---
	4/20/1993	<0.02	<0.01	0.02	<0.05	<0.02	78	3.99	1.33	0.003	463	---
	5/10/1994	<0.05	0.04	0.1	<0.05	<0.02	88	0.31	1.48	0.035	410	---
	5/9/1995	<0.05	<0.01	0.06	<0.05	<0.02	20	2.86	0.53	<0.001	120	---
	3/24/1998	<0.04	0.015	0.054	<0.1	<0.01	10	0.52	0.33	<0.002	50	---
NPDES 014	3/26/1998	<0.04	0.017	0.059	<0.01	<0.01	3.5	1.02	0.14	<0.002	20	---
	3/1/2006	<0.04	0.012	0.047	<0.01	<0.01	0.5	0.41	0.04	<0.001	<10	0.02
	4/15/2008	<0.04	<0.005	0.041	<0.01	<0.01	34.4	4.64	0.96	0.011	140	0.02
	3/6/2012	<0.08	0.029	0.036	<0.02	<0.02	0.7	<0.1	0.04	<0.001	20	---