Attachment 15

SEMIANNUAL EFFLUENT MONITORING REPORT - NPDES No. CAO107981
DISCHARGER: CITY OF ESCONDIDO, Hale Avenue Resource Recovery Facility
ORDER/RESOLUTION NO. 99-72 REPORT FREQUENCY SEMIANNUALLY
REPORT FOR: January-June 2004 REPORT DUE: August 1, 2004
EXACT SAMPLE POINT Influent Sampling Station SAMPLED ANALYZED BY Applied P & Ch Lab.
SAMPLE TYPE: GRAB (Except Antimony,Chromium,Tallium,Beryllium and Tributyltin were 24-hr composite)

SIGNED UNDER PENALTY OF PERJURY Vasan Upatapit

Constituent /Property	Units	Monthly Average (30-Day)	Method	PQL1 PQL2	MDL1 MDL2	1st Quarter 2004		2nd Quarter 2004	
Sample Date						4-Feb-04		26-May-04	
Flow Rate	MGD					14.2		13.5	
acrolein	ug/l	49000	624	50	17	< 50	ND	< 250	ND
	lbs/day	6700		50	1.8	< 5.921		< 28.148	
antimony*	ug/l	270000	200.7	10	2.1	< 10	ND	7.2	
	lbs/day	36000		10	3.4	< 1.184		0.811	
bis(2-chloroethoxy) methane	ug/l	970	625	10	1.2	< 10	ND	< 10	ND
	lbs/day	130		10	0.95	< 1.184		< 1.126	
bis(2-chloroisopropyl) ether	ug/l	270000	625	10	1.1	< 10	ND	< 10	ND
	lbs/day	36000		10	0.92	< 1.184		< 1.126	
chlorobenzene	ug/l	130000	624	1	0.11	2.9		< 5	ND
	lbs/day	17000		1	0.14	0.343		< 0.563	
chromium (III)*	ug/l	42000000	200.7	5	0.76	≤ 22.6		≤ 15.6	
	lbs/day	5800000		5	2.1	≤ 2.676		≤ 1.756	
di-n-butyl phthalate	ug/l	770000	625	10	0.75	2	J	2	J
	lbs/day	100000		10	0.99	0.237		0.225	
dichlorobenzenes	ug/l	1100000	624	1	0.37	2.3		4	J
	lbs/day	160000		1	0.2	0.272		0.450	
1,1-dichloroethylene	ug/l	1600000	624	1	0.19	< 1	ND	< 5	ND
	lbs/day	220000		1	0.095	< 0.118		< 0.563	
diethyl phthalate	ug/l	7300000	625	10	0.52	9	J	15	
	lbs/day	1000000		10	1.1	1.066		1.689	
dimethyl phthalate	ug/l	180000000	625	10	0.52	< 10	ND	< 10	ND
	lbs/day	25000000		10	1.1	< 1.184		< 1.126	

SEMIANNUAL EFFLUENT MONITORING REPORT - NPDES No. CAO107981
DISCHARGER: CITY OF ESCONDIDO, Hale Avenue Resource Recovery Facility
ORDER/RESOLUTION NO. 99-72 REPORT FREQUENCY SEMIANNUALLY
REPORT FOR: January-June 2004 REPORT DUE: August 1, 2004
EXACT SAMPLE POINT Influent Sampling Station SAMPLED ANALYZED BY Applied P & Ch Lab.
SAMPLE TYPE: GRAB (Except Antimony,Chromium,Tallium,Beryllium and Tributyltin were 24-hr composite)

SIGNED UNDER PENALTY OF PERJURY Vasan Upatapat

Constituent /Property	Units	Monthly Average (30-Day)	Method	PQL1 PQL2	MDL1 MDL2	1st Quarter 2004			2nd Quarter 2004		
Sample Date							4-Feb-04			26-May-04	
Flow Rate	MGD						14.2			13.5	
1,1,1-trichloroethane	ug/l	120000000	624	1	0.18	<	1	ND	<	5	ND
	lbs/day	16000000		1	0.09	<	0.118		<	0.563	
1,1,2-trichloroethane	ug/l	9500000	624	1	0.29	<	1	ND	<	5	ND
	lbs/day	1300000		1	0.17	<	0.118		<	0.563	
acrylonitrile	ug/l	22	624	50	4.5	<	50	ND	<	250	ND
	lbs/day	3		50	0.91	<	5.921		<	28.148	
aldrin	ug/l	0.0049	608	0.05	0.0014	<	0.05	ND	<	0.05	ND
	lbs/day	0.00067		0.05	0.0032	<	0.006		<	0.006	
benzene	ug/l	1300	624	1	0.12	<	1	ND	<	5	ND
	lbs/day	180		1	0.065	<	0.118		<	0.563	
benzidine	ug/l	0.015	625	50	2.3	<	50	ND	<	50	ND
	lbs/day	0.0021		50	5.1	<	5.921		<	5.630	
beryllium*	ug/l	7.3	200.7	2	0.1	<	2	ND	<	2	ND
	lbs/day	1		2	0.043	<	0.237		<	0.225	
bis(2-chloroethyl) ether	ug/l	10	625	10	1.6	<	10	ND	<	10	ND
	lbs/day	1.4		10	0.9	<	1.184		<	1.126	
bis(2-ethylhexyl) phthalate	ug/l	770	625	10	0.62		7			17	
	lbs/day	100		10	1.4		0.829			1.914	
carbon tetrachloride	ug/l	200	624	1	0.25	<	1	ND	<	5	ND
	lbs/day	27		1	0.082	<	0.118		<	0.563	
chlordane	ug/l	0.0051	608	2	0.068	<	2	ND	<	2	ND
	lbs/day	0.0007		2	0.041	<	0.237		<	0.225	

SEMIANNUAL EFFLUENT MONITORING REPORT - NPDES No. CAO107981
DISCHARGER: CITY OF ESCONDIDO, Hale Avenue Resource Recovery Facility
ORDER/RESOLUTION NO. 99-72 REPORT FREQUENCY SEMIANNUALLY
REPORT FOR: January-June 2004 REPORT DUE: August 1, 2004
EXACT SAMPLE POINT Influent Sampling Station SAMPLED ANALYZED BY Applied P & Ch Lab.
SAMPLE TYPE: GRAB (Except Antimony,Chromium,Tallium,Beryllium and Tributyltin were 24-hr composite)

SIGNED UNDER PENALTY OF PERJURY Vasa Upadhyay

Constituent /Property	Units	Monthly Average (30-Day)	Method	PQL1 PQL2	MDL1 MDL2	1st Quarter 2004			2nd Quarter 2004		
Sample Date						4-Feb-04			26-May-04		
Flow Rate	MGD					14.2			13.5		
heptachlor	ug/l	0.16	608	0.05	7E-05	<	0.05	ND	<	0.05	ND
	lbs/day	0.022		0.05	0.0024	<	0.006		<	0.006	
hexachlorobenzene	ug/l	0.046	625	10	0.44	<	10	ND	<	10	ND
	lbs/day	0.0064		10	1.1	<	1.184		<	1.126	
hexachlorobutadiene	ug/l	3100	625	10	0.85	<	10	ND	<	10	ND
	lbs/day	430		10	1.2	<	1.184		<	1.126	
hexachloroethane	ug/l	550	625	10	0.95	<	10	ND	<	10	ND
	lbs/day	76		10	0.88	<	1.184		<	1.126	
N-nitrosodimethylamine	ug/l	1600	625	10	1	<	10	ND	<	10	ND
	lbs/day	220		10	0.72	<	1.184		<	1.126	
N-nitrosodiphenylamine	ug/l	550	625	10	3.2	<	10	ND	<	10	ND
	lbs/day	76		10	0.96	<	1.184		<	1.126	
PAHs	ug/l	1.9	625	10	1.3	<	10	ND	<	10	ND
	lbs/day	0.27		10	1.3	<	1.184		<	1.126	
PCBs	ug/l	0.0042	608	2	0.25	<	2.0	ND	<	2.0	ND
	lbs/day	0.00058		2	0.02	<	0.237		<	0.225	
TCDD equivalents	pg/L	0.86	8280	70			n/a			n/a	
	lbs/day	0.00000012									
tetrachloroethylene	ug/l	22000	624	1	0.25	<	1	ND	<	5	ND
	lbs/day	3000		1	0.12	<	0.118		<	0.563	
toxaphene	ug/l	0.046	608	5	0.33	<	5	ND	<	5	ND
	lbs/day	0.0064		5	0.15	<	0.592		<	0.563	