

TABLE 1
EFFLUENT DISCHARGE ANALYSIS RESULTS
ELCON RECYCLING FACILITY
HAIFA, ISRAEL
TRC JOB NO. 196356

No.	Subject	Required Limit	Units	Monthly Analysis Results - 2012												2013
				January	February	March	April	May	June	July	August	December				
1	TOC	50	mg/L	43.00	202.00	2.20	523.00	253.00	38.60	224.34	89.00	8.80				
2	Total Suspended Solids- TSS	30	mg/L	<2.50	<2.50	<2.50	11.00	4.00	10.00	<2.50	23.00	<2.5				
3	Electric Conductivity	2500	µS/cm	160.00	1,240.00	500.00	350.00	910.00	220.00	240.00	480.00	510.00				
4	Oils and Fat concentration	100	mg/L	<10.00	<10.00	<10.00	<10.00	<10.00	<10.00	<10.00	<10.00	NA				
4.01	Mineral Oil	20	mg/L	<10.00	<10.00	<10.00	<10.00	<10.00	<10.00	<10.00	<10.00	NA				
5	pH	6.0-10.0	su	8.30	7.29	7.14	7.66	7.08	7.14	6.56	7.41	6.910				
6	Total Dissolved Salts - TDS															
6.01	Chlorides	430.00	mg/L	8.00	155.00	99.00	475.00	41.00	6.00	126.00	27.00	85.000				
6.02	K	230.00	mg/L	11.20	123.00	55.50	387.00	23.90	5.43	9.49	20.80	2.370				
6.4	B	1.50	mg/L	<0.20	<0.20	<0.20	0.59	<0.20	<0.20	<0.200	NA	<0.200				
7	Sulphates	500	mg/L	33.00	176.00	21.00	670.00	107.00	36.00	26.00	98.00	49.50				
8	Sulphides	0.10	mg/L	<0.10	0.10	<0.10	<0.10	10.00	<0.10	3.20	2.90	<0.1				
9	Metals screening - ICP															
9.01	As	0.10	mg/L	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025				
9.02	Zn	+3.00	mg/L	0.03	0.09	0.05	0.38	0.04	0.12	0.09	1.02	0.040				
9.03	Sn	2.00	mg/L	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025				
9.04	Al	25.00	mg/L	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.000				
9.06	Ag	0.10	mg/L	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025				
9.07	Hg	0.05	mg/L	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025				
9.08	Cr3	0.50	mg/L	<0.025	<0.025	<0.025	0.03	<0.025	<0.025	<0.025	0.20	NA				
9.09	Cr6	0.10	mg/L	<0.025	<0.025	<0.025	0.03	<0.025	<0.025	<0.025	0.20	NA				
9.10	Cu	+1.00	mg/L	<0.025	0.14	<0.025	1.26	0.03	<0.025	<0.025	0.09	0.050				
9.11	Ni	0.00	mg/L	<0.025	0.06	<0.025	0.25	<0.025	<0.025	<0.025	0.10	0.08				
9.12	Mo	0.15	mg/L	<0.025	<0.025	<0.025	<0.025	0.025	<0.025	<0.025	<0.025	<0.025				
9.13	Mn	+1.00	mg/L	<0.025	<0.025	<0.025	0.04	<0.025	<0.025	<0.025	0.03	0.05				
9.14	Pb	0.50	mg/L	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025				
9.15	Cd	0.10	mg/L	<0.025	<0.025	<0.025	0.06	<0.025	<0.025	<0.025	0.04	<0.025				
9.16	Co	1.00	mg/L	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025				
9.17	Cyanide	0.50	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	NA				
12	Total dissolved Halogenated Cabons (DOX) expressed as Chlorides (AOX)	1	mg/L	<1.00	<1.00	<1.00	<1.00	2.55	1.20	0.93	1.52	<1.00				