

US EPA ARCHIVE DOCUMENT

Quarterly Report for Molex, Inc. Temporary Variance Case No. 1898
(to be submitted on the last day of the month every 3 months after the baseline report)

Reporting Period From: 02/08/99 To: 05/07/99
 m d y m d y

8.5 lb/yul

1) Segregated Treatment System Effluent Data for Previous 3 Months:

Ave Flow 19,718 gal/day

Parameter	DMR's		City	
	Avg. Conc. (mg/l)		Avg. Mass (Lb/day)	Feb Mar Apr
Total Cadmium	—	.001	—	.000167
Total Chromium	—	<.001	—	<.000187
Total Copper	0.15	.714	.025	.120
Total Cyanide	—	<.01	—	<.000167
Total Lead	ND (0.1)	.128	ND	.021
Total Nickel	0.16	.775	.027	.130
Total Silver	—	.007	—	.00117
Total Tin	ND (10)	—	ND	—
Total Zinc	0.04	.150	.0067	.025

Average Flow: 19,718 gal/day Minimum pH: 6.0 Maximum pH: 9.2

2) Operating Cost of Segregated Treatment System for Previous 3 Months: Not known

3) Volume of Sludges Generated in Previous 3 Months in Pounds:

Copper Sludge: 6320 Nickel Sludge: 18,276 Tin/Lead Sludge: 56384) Total Amount of Sludges Currently Being Stored in Pounds: 5/7/99Copper Sludge: None Nickel Sludge: 2944 Tin/Lead sludge: 7616

5) Most Recent Sludge Shipments to Recycler:

(copper and nickel must be shipped at least every 180 days, tin/lead must be shipped every 365 days)

Sludge Type	Date Shipped (m/d/y)	Sludge Value (\$/lb.)	Amount Shipped (lbs.)
Copper Sludge	04/20/99	.0019./lb	11322
Nickel Sludge	04/20/99	.05/lb.	26,227
Tin/Lead Sludge	11/12/98	.1265/lb	None

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6) Analysis of Sludges in mg/kg dry weight:

(must be conducted on a representative composite of each shipment)

Parameter	Copper Sludge	Nickel Sludge	Tin/Lead Sludge
Copper	144,500	48	
Lead	49	ND (5.0)	None Shipped
Nickel	1,400	103,000	
Tin	22	ND (10.0)	
Zinc	215	3.5	
% Moisture Content	75%	79%	
pH (s.u.)	7.3	8.7	

7) Estimated Costs Associated with Shipping, Storing and Reclaiming Sludges for the Previous 3 Months:

Shipping is provided and paid for by recycler. This is taken into account when determining the value of the sludges. Storing cost same as reported in first quarterly report. \$1,331.51 was received for the copper and nickel sludges shipped this quarter.

8) Additional Comments or Information:

Completed by: <u>Paul G. Eckenson</u>	Title: <u>Chemist</u>
Signature: <u><i>Paul Eckenson</i></u>	Date: <u>5-17-99</u>