

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: 05/08/99 To: 08/07/99
m d y m d y

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

Parameter	DMR _s		City	
	Avg. Conc. (mg/l)		Avg. Mass (Lb/day)	
Total Cadmium	NA (0.0)	<.001	ND	.0002
Total Chromium	ND (0.05)	.004	ND	.0008
Total Copper	.140	.286	.031	.063
Total Cyanide	—	ND	0.01 —	NONE
Total Lead	.03	.028	.0066	.006
Total Nickel	.340	.891	.075	.200
Total Silver	ND (0.01)	<.001	ND	<.0002
Total Tin	—	—	—	—
Total Zinc	.040	.077	.0088	.017

Average Flow: 25,728 gal/day Minimum pH: 6.0 Maximum pH: 9.2

2) Operating Cost of Segregated Treatment System for Previous 3 Months: Not known see # 8

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

Copper Sludge: 3454 Nickel Sludge: 16,956 Tin/Lead Sludge: 5386 #

4) Total Amount of Sludges Currently Being Stored in Pounds: 8/9/99

Copper Sludge: 3454 Nickel Sludge: 19,900 Tin/Lead sludge: 11,178 #

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	None shipped since 4-20-99 on last Quarterly Report		
Nickel Sludge			
Tin/Lead Sludge			

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- 6) Analysis of Sludges in mg/kg dry weight
(must be conducted on a representative composite of each shipment)

No shipment this Quarter.

Parameter	Copper Sludge	Nickel Sludge	Tin/Lead Sludge
Copper			
Lead			
Nickel			
Tin			
Zinc			
% Moisture Content			
pH (s.u.)			

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

8) Additional Comments or Information: *Operating cost of wastewater treatment system are calculated on annual basis. We can calculate the cost to operate the waste treatment system but I need to know which costs to include: Chemicals, Additives, Equipment depreciation (how many years), Electricity, Maintenance cost, Labor, Floor space, water use, required effluent analysis, Administration overhead cost to run XL Project. etc? Please give me some input.*

Completed by: Paul G. Eckerson Title: Chemist
Signature: Paul Eckerson Date: Aug 9, 1999