WORKING COPY

Nov 27, 19

Attachment 2

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: 08/07/98 (m d y) To: 11/07/98 (m d y)

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

Parameter	Avg. Conc. (mg/l) DMR	Avg. Conc. (mg/l) C.+4	Avg. Mass (Lb/day) C.+4	Avg. Mass (Lb/day) DMR's
Total Cadmium		.0004	.0000737	
Total Chromium		.001	.000184	
Total Copper	0.27	.197	.036	.056
Total Cyanide		0.01	.00184	
Total Lead	0.05	.091	.0168	.0092
Total Nickel	0.56	.710	.131	.103
Total Silver		.019	.0035	
Total Tin				
Total Zinc	0.18	.064	.0118	.033

Average Flow: 22,122 (8/1/98 – 11/1/98; 184,276 #) Minimum pH: 6.0 Maximum pH: 9.2

2) Operating Cost of Segregated Treatment System for Previous 3 Months: We need to discuss the measurables and how we can compare this data to the old & other systems in order to achieve useful information.

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

Copper Sludge: 4986 (25% H_2O) Nickel Sludge: 16,608 (50% H_2O) Tin/Lead Sludge: 5254 (50% H_2O)

4) Total Amount of Sludges Currently Being Stored in Pounds:

Copper Sludge: 4986 Nickel Sludge: 21,199 Tin/Lead sludge: 0

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	Scheduled to ship 12-8-98	.01	
Nickel Sludge		.05	
Tin/Lead Sludge	11-12-98	$0.13	8539 #

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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	115,000	39	2,000
Lead	180	6.4	6,500
Nickel	1,700	102,000	150
Tin	2,300	ND(100)	190,000
Zinc	480	1.5	1,800
% Moisture Content	28%	25%	18%
pH (s.u.)	8.9	9.6	7.5

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

Cost to ship sludges is provided by sludge recyclers. The cost is ultimately covered by us and it's realistically about $.07/lb. The storage area cost $75/ft². Utilities are only 2.50 ft² per year. The storage area is 16'x24'.

8) Additional Comments or Information: We have not analysed for tin because it is not required for our permit. The city has never analyzed for it either. We will request to have it analysed when we do our sampling for December 98. Sludge data will be more complete and accurate next quarter, as we are shipping copper and nickel in December 98.

Completed by: Paul G Eckerson Title: Chemist

Signature: Paul G Eckerson Date: 11-24-98