WI-TS-13 MAR 25 1981

Sommer-Frey Laboratories, Inc.

Serving Industry, Business & Agriculture

6125 WEST NATIONAL AVENUE • MILWAUKEE, WISCONSIN 53214 • (414) 475-6700

US EPA RECORDS CENTER REGION 5
546939

Kitzinger Corporation
2529 East Norwich
Milwaukee, Wisconsin 53207
Attn: Lloyd DeKeyser

Date: 3-19-81
Sommer-Frey No.: 3207
P.O. No.:
Code: A15043

WASTE MATERIAL PROFILE ANALYSIS

Generating Facility: Kitzinger Corporation Milwaukee, Wisconsin

Waste Identification: Ashes/Burned

Waste Properties

A. Phases/Layers Bilayered___ Multilayered___ None X

B. Physical State @ 70°F Solid X Semi-solid___ Liquid___ Powder___ Other___

C. Solids: Total(%) 98.20 Total Dissolved (%) N.A.

D. Specific Weight (as pounds/gallon) 12.32

E. pH 10.50 as 0.008 % $CaCO_3$

F. Flash Point over 210 °F (Setaflash Closed Tester)

G. Vapor Pressure 0 mm Hg at 25°C

H. Ash Content 93.00 %

I. Characteristic Color Gray Distinctive Odor None

J. Halogenated? NO Sulfonated? NO

Waste Composition

Organic Components - ranges in %

No Organics

Heavy Metals - in parts per million

	Total	Total Leachable *		Total	Total Leachable *
Ag	1.0	-0.05	Hg	0.15	-0.01
As	15.9	-0.8	Ni	20	-1
Ba	422	-21	Pb	3500	36.9
Cd	4.0	-0.2	Se	-0.1	-0.01
Cr	545	1.52	Zn	4123	166
Cu	175	-10	Other (see below)		

Inorganic Components - in %

Total Cyanide	-0.001
Free Cyanide	-0.001
Sulfide as	-0.001
Bisulfite as	-0.001
Sulfite as	-0.001
Carbon	5-8

Total Iron, ppm	35,400
Total Leachable Iron, mg/l	19.2

*Total Leachable metal results are expressed as milligrams per liter in the Extraction Procedure Extract.

Results preceded by a minus sign indicate concentrations less than the detection limit of the analysis.

Robert L. Frey

Robert L. Frey
Manager

Sommer-Frey Laboratories, Inc.
Serving Industry, Business & Agriculture
6125 WEST NATIONAL AVENUE • P.O. BOX 14513 • MILWAUKEE, WISCONSIN 53214 • (414) 475-6700

Kitzinger Cooperage Corp.
2529 East Norwich
Milwaukee, Wisconsin 53207
Attn: Lloyd

Date: 10-29-79
Sommer-Frey No.: 306-A
P.O. No.: _____
Code _____

WASTE MATERIAL PROFILE ANALYSIS

Generating Facility: Kitzinger Cooperage Corp.
2529 East Norwich Milwaukee, Wis. 53207

Waste Identification: [redacted] #1 Liquid

Waste Properties

A. Organic____ Inorganic____ Both Organic & Inorganic X

B. Bilayered X Multilayered____ None____

C. Physical state @ 70°F Solid____ Semi-solid X Liquid____
Powder____ Other_____

D. Solids: Total (%) 41.75 Total Dissolved (%) 32.61

E. Specific Weight (as pounds/gallon) 8.32

F. pH 7.77 as 0.04 % NaOH

G. Flash Point 126 °F Tag Closed Cup

H. Vapor Pressure 4 mm Hg at 25°C

I. Ash Content 4.05 %

J. Halogenated? NO % Sulfonated? NO %

Waste Composition

Organic components - ranges in %

30-40 % Aliphatic Hydrocarbons
5-10 % Esters
0-10 % Alcohols

Heavy Metals - in parts per million

	Dissolved	Suspended
Ag	-0.1	0.1
As	-0.2	-0.2
Ba	47	100
Cd	18	4
Cr	12	144
Cu	26	38
Hg	-0.1	0.2
Ni	2	2
Pb	295	306
Se	-5	-5
Zn	396	278
Other Fe	92	356
Na	2,090	186
Ca	180	212
SiO2	--	20,000

Inorganic Components - in %

Total Cyanide	0.000
Free Cyanide	0.000
Sulfide as	0.000
Bisulfite as	0.000
Sulfite as	0.000
Water	30-40 %

Results preceded by a minus sign indicate a concentration less than the detection limit of the analysis.

Robert L. Frey, Manager