US EPA ARCHIVE DOCUMENT

FACILITY ID: BG
Sample Date: 06-04-97
Matrix: Wastewater

Volatile Organics - Method 8260A µg/L

	CAS No.		BG-05
Acetone	67641		4,200
Benzene	71432		85
2-Butanone	78933		67
Carbon disulfide	75150	J	2.6
Chlorobenzene	108907		16
Chloroethane	75003		12
1,2-Dichlorobenzene	95501		5
1,4-Dichlorobenzene	106467	J	2.9
1,1-Dichloroethane	75343		810
1,2-Dichloroethane	107062		40
1,1-Dichloroethene	75354	J	2.6
trans-1,2-Dichloroethene	156605	J	39
1,2-Dichloropropane	78875		9.9
Ethylbenzene	100414		5.2
4-Methyl-2-pentanone	108101	J	2.8
Toluene	108883	J	4.6
1,1,2-Trichloroethane	79005		47
Vinyl chloride	75014	J	680

Semivolatile Organics - Method 8270B µg/L

	CAS No		BG-05
Benzoic acid	65850		67
Benzyl alcohol	100516	J	13
Di-n-butyl phthalate	84742		290
2,4-Dimethylphenol	105679		18
Bis(2-ethylhexyl)phthalate	117817		52

Total Metals - Methods 6010, 7470 mg/L

	CAS No.	BG-05
Aluminum	7429905	2.08
Calcium	7440702	56.0
Chromium	7440473	0.35
Copper	7440508	0.39
Iron	7439896	139
Lead	7439921	0.070
Magnesium	7439954	7.60
Manganese	7439965	1.21
Mercury	7439976	8.60
Molybdenum	7439987	0.10
Nickel	7440020	0.70
Potassium	7440097	11.6
Sodium	7440235	196
Zinc	7440666	3.58

General Chemistry mg/L

	CAS No.	BG-05
TSS	NA	540
Oil & Grease	NA	111
TOC	NA	302

Dioxins/Furans - Method 1613 ng/L

	CAS No.	BG-05
Total TCDF	55722275	0.010
Total TCDD	41903575	0.027
Total HxCDD	34465468	0.050
1,2,3,4,6,7,8-HpCDF	67562394	0.048
Total HpCDF	38998573	0.048
1,2,3,4,6,7,8-HpCDD	35822469	0.170
Total HpCDD	37871004	0.340
OCDF	39001020	0.098
OCDD	3268879	1.300

Notes:

J Compound's concentration is estimated. Mass spectral data indicate the presence of a compound that meets the identification criteria for which the result is less than the laboratory detection limit, but greater than zero.

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