Bendix So. Bend file

POLLUTION CONTROL SYSTEMS INCORPORATED
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DATE OF REPORT: 2-15-82
PAGE: 1
PCS PROJECT NUMBER: 4066

LABORATORY REPORT

SAMPLE ID: HYDROXIDE SLUDGE, 11/24/81, AS RECEIVED
PCS SAMPLE NUMBER: 2409161

ANALYTICAL DETERMINATION	ANALYTICAL RESULT
PH, PH UNITS	9.3
PERCENT TOTAL SOLIDS, G/100 G	44
CHROMIUM, MG CR/KG SOLIDS	140,000
ZINC, MG ZN/KG SOLIDS	30
CADMIUM, MG CD/KG SOLIDS	69
LEAD, MG PB/KG SOLIDS	190
NICKEL, MG NI/KG SOLIDS	490

SAMPLE ID: HYDROXIDE SLUDGE, 11/24/81, USEPA LEACHATE
PCS SAMPLE NUMBER: 2409162

ANALYTICAL DETERMINATION	ANALYTICAL RESULT
PH, PH UNITS	5.0
ARSENIC, MG/L	0.02
BARIUM, MG/L BA	0.23
CADMIUM, MG/L	0.06
MERCURY, MG/L HG	<0.0001
SELENIUM, MG/L SE	0.10
SILVER, MG/L AG	0.03
TOTAL CHROMIUM, MG/L	210
LEAD, MG/L	0.26
NICKEL, MG/L	3.2
COPPER, MG/L	2.5
ZINC, MG/L	0.22

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LABORATORY REPORT

SAMPLE ID: HYDROXIDE SLUDGE, 9/16/81, AS RECEIVED
PCS SAMPLE NUMBER: 2419163

ANALYTICAL DETERMINATION	ANALYTICAL RESULT
PH, PH UNITS	9.1
PERCENT TOTAL SOLIDS, G/100 G	45
CHROMIUM, MG CR/KG SOLIDS	120,000
ZINC, MG ZN/KG SOLIDS	77
CADMIUM, MG CD/KG SOLIDS	2500
LEAD, MG PB/KG SOLIDS	70
NICKEL, MG NI/KG SOLIDS	25,000

SAMPLE ID: HYDROXIDE SLUDGE, 9/16/81, USEPA LEACHATE
PCS SAMPLE NUMBER: 2419164

ANALYTICAL DETERMINATION	ANALYTICAL RESULT
PH, PH UNITS	5.2
ARSENIC, MG/L	0.16
BARIUM, MG/L BA	1.1
CADMIUM, MG/L	40
MERCURY, MG/L HG	<0.0001
SELENIUM, MG/L SE	0.11
SILVER, MG/L AG	0.03
TOTAL CHROMIUM, MG/L	240
LEAD, MG/L	0.20
NICKEL, MG/L	190
COPPER, MG/L	0.08
ZINC, MG/L	0.14

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DATE OF REPORT: 2-25-82
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LABORATORY REPORT

SAMPLE ID: HYDROXIDE SLUDGE, 9/17/81, AS RECEIVED
PCS SAMPLE NUMBER: 2219325

ANALYTICAL DETERMINATION	ANALYTICAL RESULT
PERCENT TOTAL SOLIDS, G/100 G	48
PH, PH UNITS	9.8
CHROMIUM, MG CR/KG SOLIDS	110,000
NICKEL, MG NI/KG SOLIDS	330
CADMIUM, MG CD/KG SOLIDS	2000
ZINC, MG ZN/KG SOLIDS	37
LEAD, MG PB/KG SOLIDS	32
COPPER, MG CU/KG SOLIDS	160
SILVER, MG AG/KG SOLIDS	4.8

SAMPLE ID: HYDROXIDE SLUDGE, 9/17/81, U.S.E.P.A. LEACHATE
PCS SAMPLE NUMBER: 2219324

ANALYTICAL DETERMINATION	ANALYTICAL RESULT
PH, PH UNITS	5.4
TOTAL CHROMIUM, MG/L	240
HEXAVALENT CHROMIUM, MG/L	0.03
CADMIUM, MG/L	29
LEAD, MG/L	0.22
NICKEL, MG/L	4.0
COPPER, MG/L	0.08
ZINC, MG/L	0.13
BARIUM, MG/L BA	5.4
SILVER, MG/L AG	0.03
ARSENIC, MG/L	<0.01
SELENIUM, MG/L SE	0.11
MERCURY, MG/L HG	<0.0001