NOT FOR COMPUTER

TN

1534 OCT1477

ENVIRONMENTAL PROTECTION AGENCY STATE OF ILLINOIS

DIVISION OF LAND/NOISE POLLUTION CONTROL ANALYSIS FORM

RECEIVED NOV 8 1977 E.P.A. Collection System STATE OF ILLINOIS

Key for Determining Type (Refer to Key Point)

(S) Surface Water	(G) Ground Water	(L) Leachate	(X) Special
(1) Upstream	(1) Monitor Well	(1) Flow or seep	(1) Soil
(2) Mid-site	(2) Private well	(2) Pond	(2) Waste
(3) Downstream	(3) Spring		(3) Other
(4) Run-off	(4) Lysimeter		
(5) Impounded			

LEACHATE STREAM (2)

Name (Private Well, Stream, Spring, Impounded Water only)

L P C S M 0 1 0 (1) (8) SITE INVENTORY NUMBER (9) 1977 L L 0 0 2 (16)

MONITOR POINT NUMBER (17) N/A (20) DATE COLLECTED (21) 10 13 77 (26)

WILL Co. - LPC REGION # 1 (27)

Wilmington (Location) / Celotex Corporation (Responsible Party)

Legal (1); Illegal (2); Indicate One: 2 (28) Board Order (X) (29)

Time Collected 10:00 a.m. Unable to collect sample (X) (30)

Stick-up (31) N/A ft. Depth to water (from T.O.C.) N/A (36) ft.

Sample temp. (37) 52° F (39) Background (X). . . . (40)

Ground water sampled by (Indicate one): (1) Bailing; (2) Pumping; (3) Other (Specify) 3 (41)

Sample Appearance: ORANGE-BRN. TURBID LIQUID WITH OILY SCUM ON SURFACE.

Collector comments: FROM LEACHATE STREAM FED BY NUMEROUS LEACHATE SPRINGS FLOWING INTO MARSH IN NORTHERN PORTION OF SITE

R. KOCH — Collected by — DLPC — Div. or Company

R. KOCH — Transported by — DLPC — Div. or Company

LAB USE ONLY

Lab No. C001534

Date Rec'd 10-14-77

Rec'd by NKey Time 1:40 a.m. p.m.

Sample temp. acceptable YES NO

Sample properly preserved YES NO

Date completed 11-3-77

Date forwarded 11-4-77

J Daugherty — Supervisor Signature

Name: Environmental Protection Agency, Division of Laboratory Services

Address of Lab: 2121 W. Taylor Street, Chicago, Illinois 60612

LPCSM020 Lab Comments:

(37) (36)

(37) (46)

(47) (56)

(57) (66)

(67) (76)

Private Lab (X)

IEPA Lab (X) (X) (77)

LPCSM030

		PARAMETERS*	PPM*
27		Alkalinity[1]	.X X X X
31	X	Ammonia as N	1.22 X X
37	X	Arsenic As	0.056 X
44	X	Barium Ba	2.0 X X X
49		BOD -5	.X X X X
53	X	Boron B	6.2 X X X
58	X	Cadmium Cd	0.00 X X
64	X	Calcium Ca	280.X X X X
69	X	COD	1530.X X X X
73	X	Chloride Cl	240.X X X X

LPCSM040

27	X	Chromium Cr (tot)	0.02 X X
33	X	Chromium Cr^{+6}	Interference X X
39	X	Copper Cu	0.04 X X
45	X	Cyanide[2] CN	0.07 X
52		Fecal Coli (#/100 ml)	.X X X X
56	X	Fluoride F	1.4 X X X
61		Hardness $CaCO_3$	.X X X X
65	X	Iron Fe	270.0 X X X
70	X	Lead Pb	0.13 X X

LPCSM050

27	X	Magnesium Mg	82.X X X X
32	X	Manganese Mn	6.6X X X
38	X	Mercury Hg	Interference
46	X	Nickel Ni	0.0 X X X
51	X	Nitrate-nitrite N	0.2 X X X
56	X	Oil and Grease	10.X X X X
60	X	pH (Units)	X X 7.1 X X X
63	X	Phenolics	1.450 X
70	X	Phosphorus P	1.22 X X
75	X	Potassium K	12.0 X X X

LPCSM060

27	X	R.O.E. (180°C)	4660 X X X X
31	X	Selenium Se	0.002 X
38	X	Silver Ag	0.08 X X
44	X	Sodium Na	560.X X X X
49		SC (umhos/cm)	.X X X X
53	X	Sulfate SO_4	18.X X X X
58	X	Zinc Zn	0.9 X X X
63			

*Analyses are to be performed on unfiltered samples. *Values exceeding no. of places shown are reported in the lab comments section; should also be explained in the lab

[1] Alkalinity is to be determined as ppm of $CaCO_3$ at pH=4.5.

[2] Cyanide is to be reported as free cyanide.

DESIG. "(2)" ON BOTTLES

EPA Region 5 Records Ctr.

356578

896 SEP 7 '77

Not For Data System
H_2O Leach Test
PN mmm

ENVIRONMENTAL PROTECTION AGENCY STATE OF ILLINOIS

DIVISION OF LAND/NOISE POLLUTION CONTROL ANALYSIS FORM

RECEIVED
SEP 27 1977
E.P.A. - D.L.P.C.
STATE OF ILLINOIS

Key for Determining Type of Monitoring Point

(S) Surface Water	(G) Ground Water	(L) Leachate	(X) Special
(1) Upwtream	(1) Monitor Well	(1) Flow or seep	(1) Soil
(2) Mid-site	(2) Private well	(2) Pond	(2) Waste
(3) Downstream	(3) Spring	(3) Collection System	(3) Other
(4) Run-off	(4) Lysimeter		
(5) Impounded			

Name (Private Well, Stream, Spring, Impounded Water only)

(1) L P C S M 0 1 0 (8) SITE INVENTORY NUMBER (9) 19711002 (16)

MONITOR POINT NUMBER (17) N/A (20) DATE COLLECTED (21) 090777 (26)

WILL Co. - LPC REGION # N (27)

WILMINGTON / P. CARGY
(Location) (Responsible Party)

Legal (1); Illegal (2); Indicate One: 2 (28) Board Order (X) (29)

Time Collected 9:30 a.m. Unable to collect sample (X) (30)

Stick-up N/A (31) ft. Depth to water N/A (36) ft. (from T.O.C.)

Sample temp. (37) — (39) Background (X). . . . (40)

Ground water sampled by (Indicate one): (1) Bailing; (2) Pumping; (3) Other (Specify) N/A (41)

Sample Appearance: GRAY SEMI LIQUID SLUDGE - HEAVY CHEMICAL ODOR

Collector comments: FROM DUMP AREA AT SOUTH END OF LAGOON

KOCH & COBO — DLPC
Collected by — Div. or Company

KOCH & COBO — DLPC
Transported by — Div. or Company

LAB USE ONLY

Lab No. C000896

Date Rec'd 9-7-77

Rec'd by RKnowles Time 1:30 a.m. p.m.

Sample temp. acceptable YES NO

Sample properly preserved YES NO

Date completed 9-20-77

Date forwarded 9-21-77

J Daugherty
Supervisor Signature

Environmental Protection Agency
Division of Laboratory Services

Name

Address 2121 W. Taylor Street
of Lab Illinois 60612

LPCSM020
Lab Comments:

* BOD 10300 (27) (36)

* Chloride-24 (37) (46)

(47) (56)

(57) (66)

(67) (76)

Private Lab (X)

IEPA Lab (X) (X) (77)

LPCSM030

		PARAMETERS*	PPM*
27	X	Alkalinity[1]	630 .X X X X
31	X	Ammonia as N	0.04 X X
37	X	Arsenic As	0.000 X
44	X	Barium Ba	0.1 X X X
49	X	BOD -5	* .X X X X
53	X	Boron B	18.5 X X X
58	X	Cadmium Cd	0.00 X X
64		Calcium Ca	. X X X
69	X	COD	910 .X X X X
73	X	Chloride Cl	* [redacted] .X X X X

LPCSM040

27	X	Chromium Cr (tot)	0.00 X X
33	X	Chromium Cr^{+6}	0.00 X X
39	X	Copper Cu	0.00 X X
45	X	Cyanide[2] CN	0.10 X X
52		Fecal Coli (#/100 ml)	.X X X X
56		Fluoride F	. X X X
61		Hardness $CaCO_3$	.X X X X
65	X	Iron Fe	150 .X X X X
70	X	Lead Pb	0.04 X X

LPCSM050

27	X	Magnesium Mg	4.X X X X
32	X	Manganese Mn	0.28 X X
38	X	Mercury Hg	Interference
46	X	Nickel Ni	0.0 X X X
51	X	Nitrate-nitrite N	0.1 X X X
56		Oil and Grease	.X X X X
60	X	pH (Units)	X X 7.0 X X X
63	X	Phenolics	0.470 X
70	X	Phosphorus P	0.71 X X
75	X	Potassium K	83 X X X

LPCSM060

27	X	B.O.D. (180°C)	8100 .X X X X
31	X	Selenium Se	0.00 X
38	X	Silver Ag	0.00 X X
44		Sodium Na	. X X X
49	X	SC (umhos/cm)	588 .X X X X
53	X	Sulfate SO_4	9.X X X X
58	X	Total Zn	0.6 X X X
63			.

*Analyses are to be performed on unfiltered samples. *Values exceeding no. of places shown are reported in the lab comments section; tests requested but not run should also be explained in the lab comments section.

[1] Alkalinity is to be determined as ppm of $CaCO_3$ at pH 4.5.

[2] Cyanide to be reported as free cyanide.

DESIGNATED "FRESH SLUDGE" ON BOTTLE CAPS.