ENVIRONMENTAL PROTECTION AGENCY STATE OF ILLINOIS

L P C F C 0 5 5 C
(1) (8) (9)

OBSERVATION REPORT - SITE INVENTORY NO. 1 4 3 8 0 8 0 1
(11) (18)

US EPA RECORDS CENTER REGION 5
498843

PEORIA CO. - L.P.C. Region # C Date 09/23/80
(20) (25)

PEORIA / JANSON Letter Sent (Yes or No) N
(Location) (Responsible Party) (26)

Samples Taken: Yes (X) No ( ) Time: From 10:30 Am Weather Sunny 60° Day
Ground Water( ) Surface(X) Other( ) To 11:45 Am
Photos Taken: Yes (X) No ( ) Interviewed _____ Inspector R A H
(27) (29)

Previous Inspection 8-7-80 Previous Correspondence 2-21-80 Site Open: Yes( ) No(X)

OPERATIONAL STATUS:		TYPE OF OPERATION:				AUTHORIZATION:	
Operating	( )	Landfill	(X)	Storage	( )	E.P.A. Permit	( )
Temporarily Closed	(X)	Random Dump	( )	Salvage	( )	Variance	( )
Closed Not Covered	( )	Other _____	( )	A.C.D.	( )	21(e)	( )
Closed and Covered	( )	Quantity Received Daily(1-6)		1 (30)		Board Order	( )
						Illegal (5)	(X) 5 (31)

IMPROVED

SAME

LPC 4 1/79 5,000

DETERIORATED

I (S) or D S (62)

GENERAL REMARKS: Inspection of illegal land fill located in southwest part of Peoria along the Kickapoo Creek Found site unchanged from previous inspections. No work has been done in the central low area. Water is ponded in this low area. Smoke vents were observed in the Northeast, west, and southwest parts of site. A small leachate flow was observed in the NW part of site. Several rats were observed feeding from the dumpsters in the north part of site. A hole approx 5 foot deep has occurred from a cave-in at

INTERVIEW: the large smoke vent on south part of site

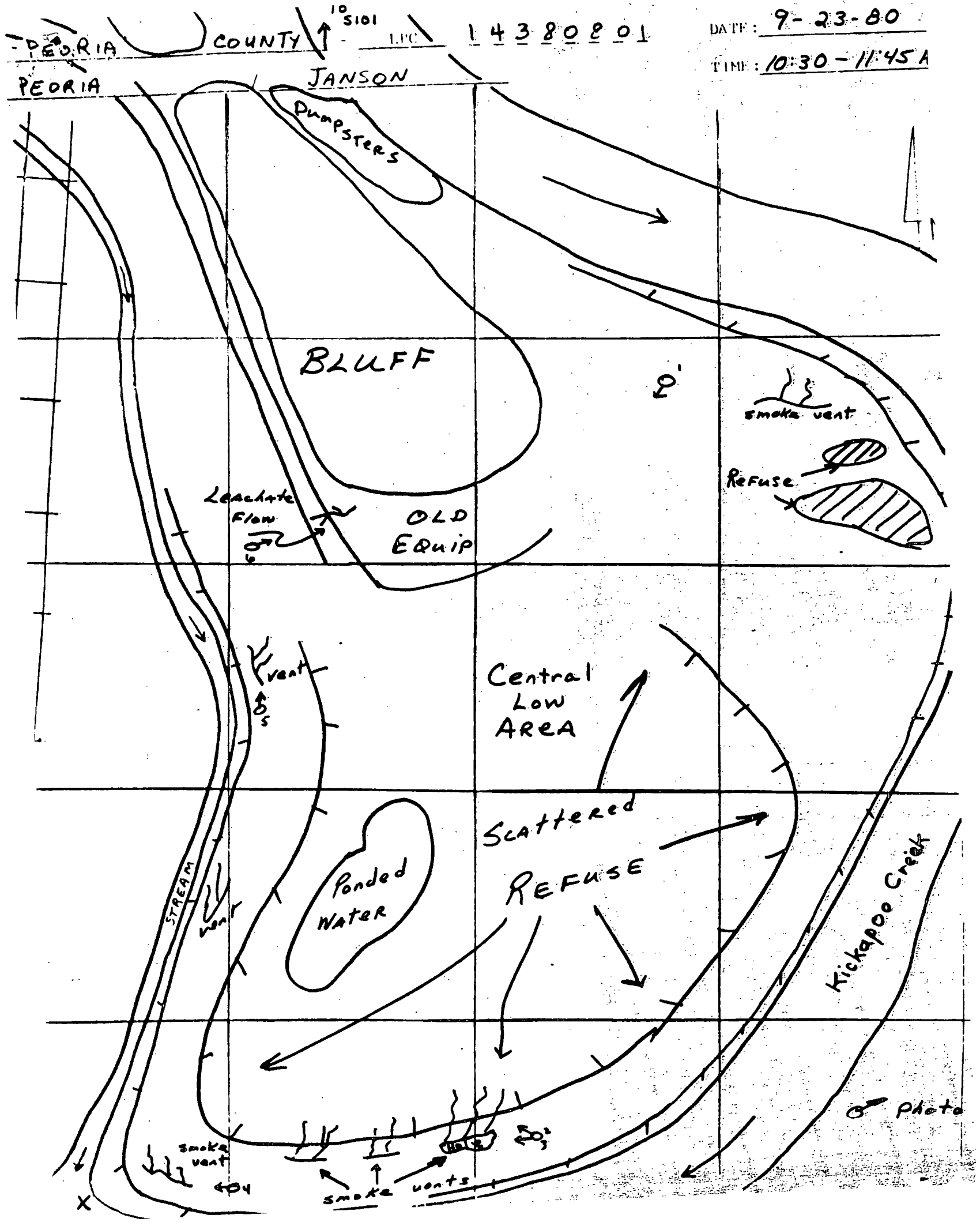
Sampled S101 - south of Rt. 116 Bridge - Kickapoo Creek
S301 - at confluence of Kickapoo Creek and the small stream - SW corner of site

DIAGRAM:

PEORIA COUNTY 10 S101 LFC 1 4 3 8 0 8 0 1

DATE: 9-23-80

TIME: 10:30 - 11:45 A



9/23.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL
CHEMICAL ANALYSIS FORM

surface H_2O R

Key for Determining Type of Monitoring 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) Collection System	(3) Other
(4) Run-off	(4) Lysimeter		
(5) Impounded	(5) Public W S		

Name N Part of Site (Private Well, Stream, Spring, Impounded Water only)

L P C S M 0 1 0 (1) (8) SITE INVENTORY NUMBER 1 4 3 8 0 8 0 1 (9) (16)

MONITOR POINT NUMBER S 1 0 1 (17) (20) DATE COLLECTED 0 9 2 3 8 0 (21) (26)

PEORIA Co. - Ill. REGION C (27)

PEORIA (Location) / JANSON (Responsible Party)

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

Time Collected 11:30 a.m. p.m. Unable to collect sample (X) (30)

Stick-up ___ . ___ ft. (31) (33) Depth to water ___ . ___ ft. (From T.O.C.) (34) (36)

Sample temp. 63 ° F (37) (39) Background (X). . . . (40)

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

Sample Appearance: Clear, no odor

Collector comments: Sampled Immediately

Rick Hersemann — Collected by — DLPC — Div. or Company

" — Transported by — " — Div. or Company

LAB USE ONLY B 15801

Lab No.

Date Rec'd SEP 24 '80

Rec'd by [illegible] Time 1 a.m. p.m.

Sample temp. acceptable YES NO

Sample properly preserved YES NO

Date completed

Date forwarded NOV 17 1980

Supervisor Signature

Name

Address of Lab

LPCSM020 Lab Comments:

(37) (36)

(37) (46)

(37) (56)

(37) (66)

(67) (76)

Private Lab (X) (77)

IEPA Lab (X) X (78)

LPCSM030

		PARAMETERS+	PPM*
27	X	Alkalinity[1]	272.
31	X	Ammonia as N	0.0
37	X	Arsenic As	0.002
44	X	Barium Ba	0.1
49		[illegible]	
53	X	Boron B	0.2
58	X	Cadmium Cd	0.00
64	X	Calcium Ca	91.0
69	X	COD	10.
73	X	Chloride Cl	26.

LPCSM040

27	X	Chromium Cr (tot)	0.00
33	X	Chromium Cr^{+6}	0.00
39	X	Copper Cu	0.02
45	X	Cyanide CN	0.00
52		[illegible]	
56	X	Fluoride F	0.3
61	X	Hardness $CaCO_3$	414.
65	X	Iron Fe	0.8
70	X	Lead Pb	0.0

LPCSM050

27	X	Magnesium Mg	38.0
32	X	Manganese Mn	0.10
38	X	Mercury Hg	0.0000
46	X	Nickel Ni	0.0
51	X	Nitrate-nitrite N	2.6
56		Oil and Grease	
60	X	pH (units)	7.6
63	X	Phenolics	0.002
70	X	Phosphorus P	0.12
78	X	Potassium K	3.3

LPCSM060

27	X	[illegible]	527.
31	X	Selenium Se	0.001
38	X	Silver Ag	0.00
44	X	Sodium Na	26.0
49	X	SC (umhos/cm)	780.
53	X	Sulfate SO_4	136.
58	X	Zinc Zn	0.0
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.

Routine OK

LPC-8 REV. 7/77

- 9/23.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
DIVISION OF LAND/NOISE POLLUTION CONTROL
CHEMICAL ANALYSIS FORM

surface H_2O RH

Key for Determining Type of Monitoring 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) Collection System	(3) Other
(4) Run-off	(4) Lysimeter		
(5) Impounded	(5) Public W S		

Name SE SW PART OF SITE (Private Well, Stream, Spring, Impounded Water only)

L P C S M 0 1 0 (1) (8) SITE INVENTORY NUMBER 1 4 3 8 0 8 0 1 (9) (16)

MONITOR POINT NUMBER S 3 0 1 (17) (20) DATE COLLECTED 0 9 2 3 8 0 (21) (26)

PEORIA Co. - LPC REGION C (27)

PEORIA (Location) / JANSON (Responsible Party)

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

Time Collected 11:15 a.m. p.m. Unable to collect sample (X) (30)

Stick-up (31) . (33) ft. Depth to water (from T.O.C.) (34) . (36) ft.

Sample temp. 63 (37) ° F (39) Background (X). . . . (40)

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

Sample Appearance: Clear, no odor

Collector comments: Sampled Immediately

Rick Hersemann — Collected by — DLPC — Div. or Company

" — Transported by — " — Div. or Company

LAB USE ONLY
Lab No. B 15802
Date Rec'd SEP 24 '80
Rec'd by JD Time 1 a.m. p.m.
Sample temp. acceptable YES NO
Sample properly preserved YES NO
Date completed
Date forwarded NOV 17 1980
Supervisor Signature
Name
Address of Lab

LPCSM020
Lab Comments:
(37) (36)
(37) (46)
(47) (56)
(57) (66)
(67) (76)
Private Lab (X) (77)
IEPA Lab (X) X (78)

		PARAMETERS+	PPM*
		LPCSM030	
27	X	Alkalinity[1]	220.
31	X	Ammonia as N	0.0
37	X	Arsenic As	0.002
44	X	Barium Ba	0.1
49		COD	
53	X	Boron	0.2
58	X	Cadmium Cd	0.00
64	X	Calcium Ca	91.0
69	X	COD	10.
73	X	Chloride Cl	25.
		LPCSM040	
27	X	Chromium Cr (tot)	0.00
33	X	Chromium Cr^{+6}	0.00
39	X	Copper Cu	0.03
45	X	Cyanide CN	0.00
52		Fecal Coli (A7 [illegible])	
56	X	Fluoride F	0.3
61	X	[illegible] $CaCO_3$	414.
65	X	Iron Fe	0.8
70	X	Lead Pb	0.0
		LPCSM050	
27	X	Magnesium Mg	38.0
32	X	Manganese Mn	0.10
38	X	Mercury Hg	0.0000
46	X	Nickel Ni	0.0
51	X	Nitrate-nitrite N	2.7
56		Oil and Grease	
60	X	pH (Units)	8.6
63	X	Phenols	0.000
70	X	Phosphorus P	0.1
76	X	Potassium K	3.5
		LPCSM060	
27	X	[illegible] (180°C)	533.
31	X	Selenium Se	0.000
38	X	Silver Ag	0.00
44	X	Sodium Na	26.0
49	X	SC (µmhos/cm)	740.
53	X	Sulfate SO_4	136.
58	X	[illegible]	0.0
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.

Routine exceeds copper std

LPC-8 REV. 7/77