ENVIRONMENTAL PROTECTION AGENCY STATE OF ILLINOIS

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

INSPECTION REPORT - SITE INVENTORY NO. 0 4 1 8 0 8 0 2
(11) (18)

EPA Region 5 Records Ctr.

311006

DOUGLAS CO. - L.P.C. Region # C Date 08/09/83
(20) (25)

TUSCOLA / USI Letter Sent (Yes or No) N
(Location) (Responsible Party) (26)

Samples Taken: Yes (X) No ( ) Time: From 10:00 Am Weather Sunny - 70's
Ground Water (X) Surface ( ) Other ( ) To 11:30 Am
Photos Taken: Yes ( ) No (X) Interviewed E. Alsmeyer. J. Winkler Inspector R A H
(27) (29)

Previous Inspection 6-23-83 Previous Correspondence 7-6-83 Site Open: Yes (X) No ( )

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

IMPROVED

SAME

DETERIORATED

I (S) or D S (62)

GENERAL REMARKS: Subpart F groundwater sampling of monitor wells was conducted with Marcus Riney, Agency Intern, Elmer Alsmeyer - Group Leader - Technology and John Winkler - Chemist were present. USI has installed 3 new down gradient wells west of Snake River Surface Impoundment. Samples were collected by masterflex pump. Each well has a tygon tubing which extends to the bottom of the well. This prevent cross contamination of samples. The new downgradient wells are OW 8, OW 9, and OW 10. Monitor well OW-4 remains as the upgradient well. All wells have protective steel standpipes and locking caps.

INTERVIEW:

Well #	Stickup	Depth to H_2O	Total Depth
G104 (OW 4)	3.4 Ft.	8.3 Ft.	31.0 Ft.
G108 (OW 8)	3.0 Ft.	5.3 Ft.	31.0 Ft.
G109 (OW 9)	3.3 Ft.	6.5 Ft.	31.0 Ft.
G110 (OW 10)	3.0 Ft.	7.9 Ft.	31.0 Ft.

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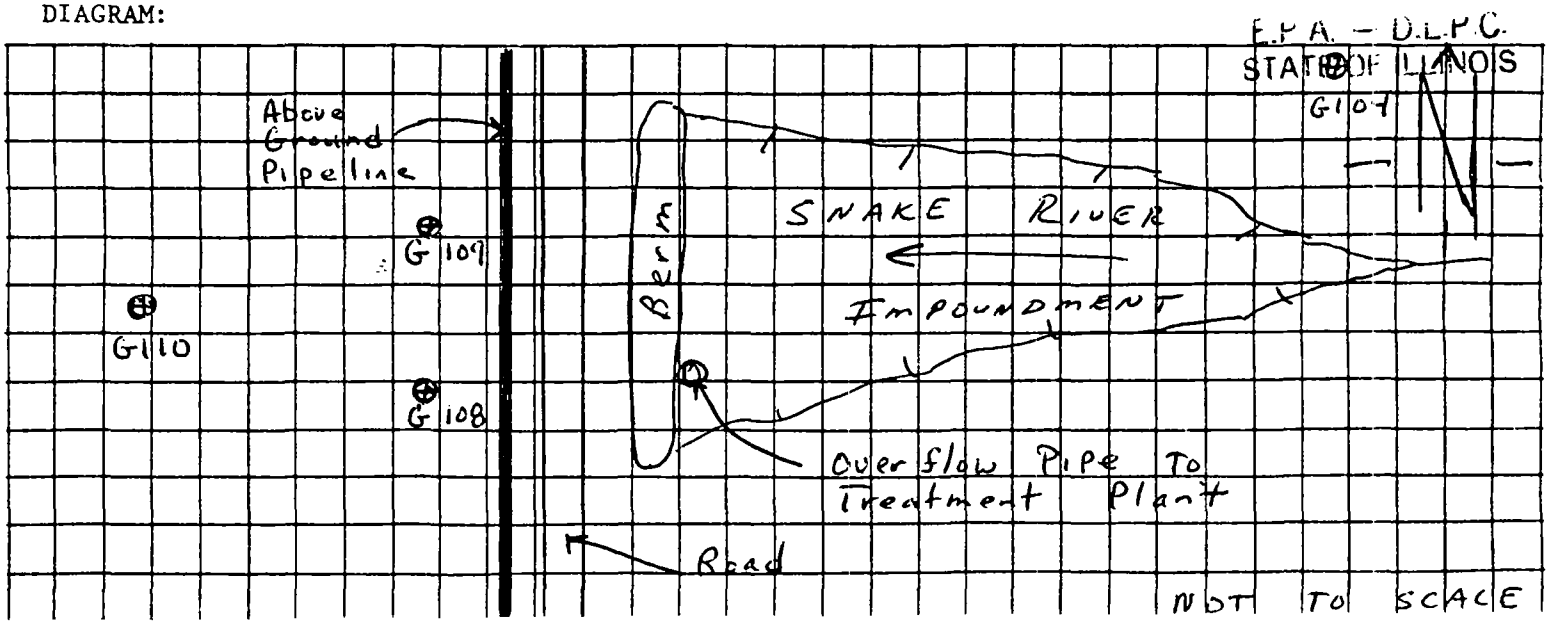
DIAGRAM:



ENVIRONMENTAL PROTECTION AGENCY - STATE OF ILLINOIS

INSPECTION REPORT - DEEP (SHALLOW) WELL DISPOSAL LPC # 0410800802

DOUGLAS Co. E.P.C. Region # C Date 08/09/83

TUSCOLA / USI Letter Sent (Yes or No) N
(Location) (Responsible Party)

Samples Taken: Yes(X) No( ) Time 10:15 A.M Weather Sunny 70's
Ground Water (X) Surface ( ) Waste ( )
Photos Taken: Yes( ) No(X) Interviewed Elmer Alsmeyer Inspector Rick Hesemann

Previous Inspection 06/23/83 Previous Correspondence 07/06/83

OPERATIONAL STATUS		TYPE OF OPERATION		AUTHORIZATION	
Operating	( )	Deep Well Disposal	(X)	E.P.A. Permit	( )
Standby	( )	Shallow Well Disposal	( )	Variance	( )
Non-Operating	(X)	Other _____	( )	Board Order	( )
				NPDES Permit	(X)

E.P.A. Permit #: IL 0000141 Permit Expiration Date: _____
NPDES

EVALUATION

Disposal Well: Injection rate 0 gpm, Permitted rate 400 gpm,
Injection pressure 0 psig, Permitted pressure 250 psig,
Annulus pressure 48 psi Temp 84°
Number of disposal wells 1
Waste discharged into the permitted well, Yes( ) No(X)
Gauges operational, Yes(X) No( )
~~Filter~~ operational, Yes( ) No( )
Filter by-passed, Yes( ) No( )
Transmission pipes in good maintenance, Yes(X) No( )

Emergency Storage: (Lagoon, pond, basin, etc.)
Estimated total storage capacity _____ gallons
Estimated available storage capacity _____ gallons
Waste generation rate 150 ~~gpd~~ gpm
Number of storage days _____
Waste ponded outside of storage Yes( ) No(X)
Waste flowing out of storage Yes( ) No(X)
Waste seeping out of storage Yes( ) No(X)
Evidence of past flow or seep Yes( ) No(X)
Flow or seep entering surface water Yes( ) No(X)
Intentional discharge Yes( ) No(X)
Levees in good maintenance Yes(X) No( )
Maximum depth of storage 10.0 ft.
Estimated depth to ground water _____ ft.

General Compliance (X) Improvement Needed ( ) Improvement Observed ( )

Signature of Inspector: Rick Hesemann

Signature of Permittee: E. L. Alsmeyer

NOTE: (1) If necessary, use additional letter size paper signed by inspector and permittee.
(2) Signature of permittee does not necessarily imply agreement with the above-noted observations.

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

FACILITY ANNUAL HAZARDOUS WASTE REPORT (cont.)

This report is for the calendar year ending December 31, 1982.

FOR AGENCY USE ONLY

FOR AGENCY USE L P H W C (1–5) CARD TYPE 4 0 (6–7) TRANS CODE A (8) DATE ENTERED / / (9–14)

VII. GENERATOR'S USEPA I.D. NO. (18–29)

VIII. GENERATOR'S ILLINOIS EPA I.D. NO. 0 4 1 1 0 3 0 0 0 0 4 G (30–40)

IX. FACILITY'S USEPA I.D. NO. I L D 0 0 5 0 7 8 1 2 (41–5)

X. FACILITY'S ILLINOIS EPA I.D. NO. 0 4 1 8 0 8 0 2 (53–60)

XI. GENERATOR'S NAME / ADDRESS

Name "ON SITE" Phone ( ) -

Street (P.O. Box) City State Zip

XII. WASTE IDENTIFICATION

A. LINE NO.	B. DESCRIPTION OF WASTE	C. USDOT Hazard Code	D. RCRA HAZARDOUS WASTE NO. (see instructions)		E. AMOUNT OF WASTE (gallons only)	F. DENSITY (lbs. / gal.)	G. HANDLIN METHOD
0 0 0 1 (61–64)	Dilute Sulfuric Acid from Ion Exchange Resin Regeneration	(65–66)	D 0 0 2 (67–70)	(71–74)	2 0 9 6 7 0 0 0 0 (83–91)	8 . 3 (92–94)	T 3 (132–13)
0 0 0 2 (61–64)	Dilute Organic Peroxides	(65–66)	D 0 0 1 (67–70)	(71–74)	3 0 0 0 (83–91)	8 . 0 (92–94)	T 1 (132–13)
0 0 0 3 (61–64)	Spent Halogenated Hydrocarbons from Degreasing	(65–66)	F 0 0 1 (67–70)	(71–74)	3 5 9 (83–91)	1 2 . 0 (92–94)	S 0 1 (132–13)
0 0 0 4 (61–64)		(65–66)	(67–70)	(71–74)	(83–91)	. (92–94)	(132–13)
0 0 0 5 (61–64)		(65–66)	(67–70)	(71–74)	(83–91)	. (92–94)	(132–13)
0 0 0 6 (61–64)		(65–66)	(67–70)	(71–74)	(83–91)	. (92–94)	(132–13)
0 0 0 7 (61–64)		(65–66)	(67–70)	(71–74)	(83–91)	. (92–94)	(132–13)
0 0 0 8 (61–64)		(65–66)	(67–70)	(71–74)	(83–91)	. (92–94)	(132–13)
0 0 0 9 (61–64)		(65–66)	(67–70)	(71–74)	(83–91)	. (92–94)	(132–13)
0 0 1 0 (61–64)		(65–66)	(67–70)	(71–74)	(83–91)	. (92–94)	(132–13)

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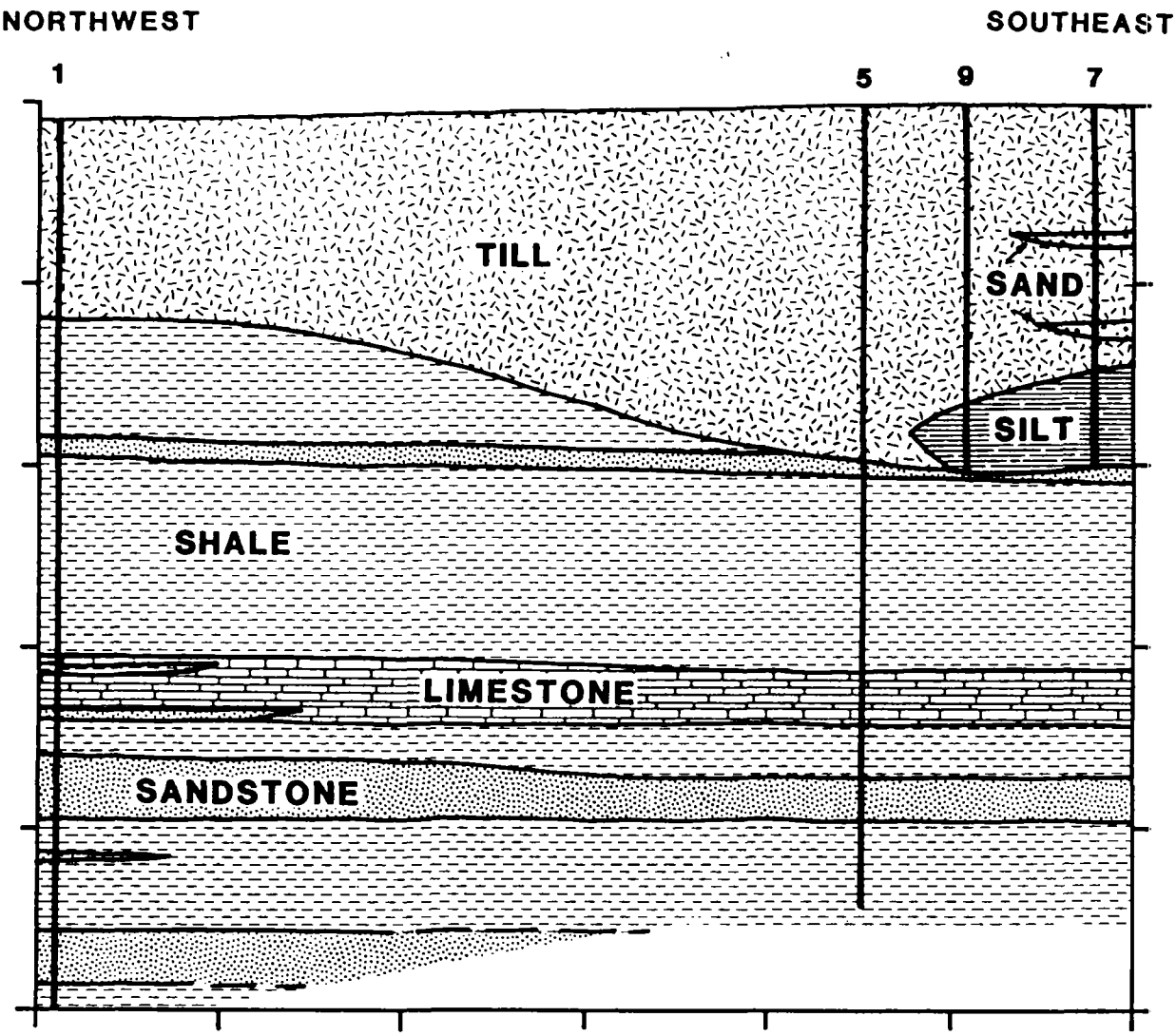
XIV. PAGE NUMBE

0 0 2

Yare and Associates, Inc.



Scale

Vertical: 1 inch = 100 feet

Horizontal: 1 inch = 600 feet

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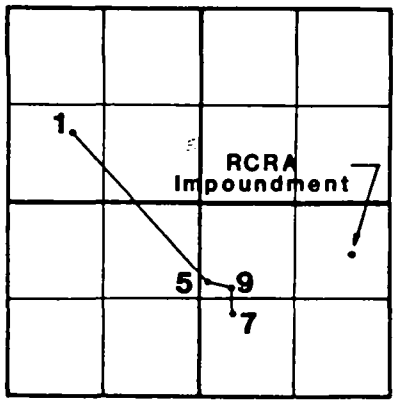
JAN 09 1984

E.P.A. — D.L.P.C.
STATE OF ILLINOIS

BORING LOCATION MAP

(T16N, R7E, Sec. 36)



GEOLOGIC SECTION

U.S. INDUSTRIAL CHEMICALS

TUSCOLA, ILLINOIS