7

SITE NAME LoBoe #2

SITE ID IND 980902050

DATE 5/9/85 TDD #

TIME 10:30 AM Page 1 of 2

SITE STAUFFER CHEMICAL CO.

CONTACT MARY ROSS - WATER SECRETARY, EAST CHICAGO HEIGHTS WATER DEPT. PHONE (312) 758-3182

US EPA RECORDS CENTER REGION 5
449947

SUBJECT: EAST CHICAGO HEIGHS MUNICIPAL WATER SYSTEM

MS. ROSS STATED THEY HAVE (7) WELLS. #1 & #2 ARE STANDBY, DOESN'T KNOW DEPTHS, #3 IS 1800 FT. #1 & #3 ARE LOCATED AT 1323 & 1325 ELLIS AVE. #2 IS LOCATED AT 16TH & WOODLAWN. WELLS 1, 2 & 3 ARE NOT IN OPERATION. WELL #4 LOCATED AT 1411 DEER CREEK; 450 FT. #5 LOCATED AT EMBASSY & KENNEDY; 550 FT. #6 IS STANDBY LOCATED AT CONGRESS & KENNEDY; 500 FT. #7 LOCATED AT 1409 DEER CREEK; 480 FT. LINCOLN HWY DIVIDES THE CITY'S SERVICE SYSTEM. WELLS 4 & 7 SERVE THE SOUTHERN HALF OF THE CITY & COTTAGE GROVE. WELL 5 SERVES THE NORTH HALF OF THE CITY, GOLDEN MEADOWS & SUNNYFIELD. WHEN ALL WELLS ARE OPERATIONAL, #1, #3, #5, #6 WILL SERVE NORTH OF LINCOLN HWY AND WELLS #2, #4, #7 WILL SERVE SOUTH. SYSTEM SERVES 5437. SHE WILL SEND MAP.

Scott Green

Date: 5/9/85

STAUFFER CHEMICAL
ILD005110143

DATE 5/9/85 TDD # R5-8303-01A

REFERENCE (8)

SITE NAME LoBuc #2

TIME 11:00 AM Page 1 of 1 SITE ID ILD980902050

SITE STAUFFER CHEMICAL CO.

CONTACT DON PERSIANI - WATER DEPT. EMPLOYEE - SOUTH CHICAGO HEIGHTS WATER DEPT PHONE (312) 755-7888

SUBJECT: SOUTH CHICAGO HEIGHTS MUNICIPAL WATER SYSTEM

MR. PERSIANI STATED THEY HAVE (3) WELLS; #1 & #2 LOCATED AT 2729 JACKSON AVE. AND #3 LOCATED AT BUTLER & SAUK TRAIL. THE SYSTEM ALTERNATES USE OF WELLS AND THE WATER IS BLENDED W/IN THE SYSTEM. CITY BOUNDRY IS WATER SERVICE BOUNDRY. SYSTEM SERVES APPROX. 3800.

Scott Green

Date: 5/9/85

REFERENCE 9
SITE NAME LaBue #2
SITE ID ILD980502050

DATE 5/10/85 TDD #

TIME 1:00PM Page 1 of 1

SITE STAUFFER CHEMICAL CO./LaBue #2

CONTACT MARY TOPPLE PHONE (312) 754-3395

SECRETARY

STEGER WATER DEPT.

SUBJECT: STEGER MUNICIPAL WATER SYSTEM

MS. TOPPLE STATED THEY HAVE (3) WELLS; #1 & 2 LOCATED AT 34TH & HALSTEAD AND #3 AT 44 E. 31ST STREET. THE SYSTEM ALTERNATES USE OF WELLS (NOT ALL WELLS IN USE AT SAME TIME, DEPENDS ON DEMAND). CITY BOUNDRY IS WATER SERVICE BOUNDRY. SYSTEM SERVES 9269. SHE WILL SEND MAP.

Scott Green

Date: 5/10/85

REFERENCE 10
SITE NAME LaBue #2
SITE ID ILD980902070

DATE 3/4/85 TDD #
TIME 9:20 AM Page 1 of 1
SITE STAUFFER CHEMICAL CO. / LaBue #2
CONTACT FRAN VANDERWAF PHONE (312) 756-5380
WATER SECRETARY - CHICAGO
HEIGHTS WATER DEPT.
SUBJECT: MUNICIPAL WATER SYSTEM

MS. VANDERWAF STATED THAT THE CITY OF CHICAGO HEIGHTS IS ON LAKE MICHIGAN WATER. THEIR PRODUCTION WELLS ARE ON STANDBY, WATER WAS BLENDED; PUMPED TO HOLDING TOWERS AND TANKS PRIOR TO DISTRIBUTION, DEPENDING ON DEMAND. NO BLENDING BETWEEN LAKE & WELL WATER OCCURS. THE CITY OF GLENWOOD BUYS THEIR WATER FROM CHICAGO HEIGHTS AND THE CITY OF HOMEWOOD IS ALSO ON LAKE WATER. EAST & SOUTH CHICAGO HEIGHTS, STEGER AND SAUK VILLAGE STILL USE THEIR WELLS. NO PLANS EXIST AT THIS TIME TO EXTEND LAKE WATER MAINS TO THESE CITIES. IT WOULD BE TOO COSTLY FOR THEM.

Geo H Green
Date: 3/4/85

DATE 1/14/86 TDD # R05-8410-018

REFERENCE 12

TIME 9:30 AM SITE NAME LaBue #2

SITE ID ILD980502050

SITE CARAVELLE WOOD PRODUCTS/LaBue #2

CONTACT Ken Hlinka PHONE (217) 333-6800

Illinois
State Water Survey Division
605 E. Springfield Ave
Champaign IL 61820

SUBJECT: Private Wells in the South Chicago Heights Area.

Ken said he recalled a request for well logs in the S. Chicago Heights area and that over one thousand well logs were found. Most of the wells are set into the uppermost dolomite aquifer.

I asked Ken to locate the wells nearest to the site and identify those wells in the upper aquifer. Ken reported that 576 wells were within a 3 mile radius in the dolomite aquifer.

34N 13E Sec 1 - 8 wells
12 - 13 "

35N, 13E Sec 24 - 9 wells
25 - 1
36 - 4

34N 14E Sec 1 - 19
2 - 8
3 - 27
4 - 9
5 - 20
6 - 39
7 - 37
8 - 10
9 - 11
10 - 5
11 - 15
12 - 56
14 - 1
15 - 5
16 - 11
17 - 7
18 - 1

35N, 14E Sec 14 - 4
15 - 8
16 - 2
17 - 7
18 - 26
19 - 37
20 - 3
21 - 7
22 - 7
23 - 6
24 - 7
25 - 2
26 - 7
27 - 8
28 - 10
29 - 6
30 - 1
31 - 1

35N, 14E Sec 32 - 12
33 - 19
34 - 57
35 - 13

TOTAL 576

Jane Anderson

Date 1/31/86

ecology and environment, inc.
CHICAGO, ILLINOIS

TELEPHONE LOG

REFERENCE 11
LoBue #2
ILD980502050

CONTACT	COMPANY or AGENCY	POSITION
FRAN VANDERWAF	CHICAGO HEIGHTS WATER DEPT.	Secretary

CONTACT ADDRESS	CONTACT PHONE NUMBER
14th + East End Ave.	(312) 756-5380

E&E EMPLOYEE	DATE	TIME
John Geiger	9 Dec. 86	9:00 am

PROJECT NUMBER	SITE NAME and LOCATION
IL0244HR	LoBue #2 Chicago Heights, IL

DISCUSSION

Called to confirm information obtained on 3/4/84 by Scott Green. Mrs. Vanderwaf stated that Chicago Heights is on lake Michigan water and that their wells remain on standby. East and South Chicago Heights, Steger, Sauk Village, Crete and Park Forest remain on their well systems.

SIGNATURE John Geiger

PAGE 1 OF 1

Gerard Wright
Cole
456-5071

ecology and environment, inc.
CHICAGO, ILLINOIS

TELEPHONE LOG

REFERENCE 32
SITE NAME LoBue #2
SITE ID ILD980902050

CONTACT	COMPANY or AGENCY	POSITION
Mr. Bartonlomei	S. Chicago Hgts. Fire Dept.	Lieutenant

CONTACT ADDRESS	CONTACT PHONE NUMBER
2729 Jackson	(312) 755-1570

E&E EMPLOYEE	DATE	TIME
John Geiger	15 Dec. 86	1:30pm

PROJECT NUMBER	SITE NAME and LOCATION
IL 0244HR	LoBue #2, S. Chicago Hgts. IL

DISCUSSION

Mr. Bartonlomei stated That There is no record of a Fire ever occuring at The site nor is There documentation of There being a fire or explosive Threat.

SIGNATURE John Geiger

PAGE 1 OF 1

DATE 10-31-84 TDD R5-8303-15

TDE -

REFERENCE 33

SITE NAME LaBue #2

SITE LaBue Pit #2 SITE ID ILD980802050

CONTACT PHONE ( ) -

SUBJECT Public water Supply Information.

- East Chicago Heights - 758-3182

pop. served = 5,437 persons

Number of Wells : 7

Well depths : 5 @ 460'-499' ; yeild=100-1000gpm

1 @ 1,800'

Blended = Yes

- South Chicago Heights: Public Works : 755-7888

Superintendant: Alan Maross

pop. served: 3,500 persons

Number of Wells : 2

1 @ 2729 Jackson Ave ; depth = 498'

1 @ E. Sauk Trail near Buttler depth = 498'

yeilds = 500-700 gpm.

Blended : Yes

- Steger ph : 754-3395

Pop. Served = 9,269

Number of wells = 3 2 @ 318'-325' depth

1 @ 378' depth

Blended: Yes yield 300-700gpm

Date 11-5-84

Site: LaBue Pit #2

Sauk Village: Public Works ph: 758-3330
Ted Theodore, Exec. Assist. to Mayor
Pop. Served: 11,000 persons
Number of wells: 3
1 @ Rt. 30 near Calumet Expy. depth: 650'
2 @ 2225 220th St. depth: ≈170'
Yields: 600 - 1000 gpm

Crete - Public Works ph: 672-7100
pop. Served: 6,000 persons
Number of wells: 4 wells
1 @ City Park depth: 150'
1 @ Hallswood (Near Pump Station) depth: 155'
1 @ Richton Rd. (1/4 mi west of 394) depth: 250'
1 @ Burnville Rd. & Wood St. depth: 88'
yields: 125 - 1040 gpm
Blended: yes

Park Forest ph: 748-1112
Pop. served: 26,000 persons
Number of wells: 7 wells
1 @ Well Court
1 @ Algonquin St.
1 @ Water Plant (≈100 Park St.)
1 @ ≈300 Plaza St.
1 @ EJ & J Rail Road Tracks and Western Ave.
1 @ ≈100 N. Orchard St.
1 @ Hickory St. & Jackson
Depths for all wells is approx. 350'-400'
Blended: Water from 6 wells is blended
Water from well @ Hickory & Jackson can be pumped directly to distribution.

Steven Nelson

QC COMMENT RECORD

For each of the numbered sections checked above, please make the following corrections ...

SECTION #	COMMENT(S)
12, 14	Chicago Heights:
Population not considered	Only consider standby wells if they have been used within the last year. If so, Explain that water is blended before distribution, because then you can use the entire population. Also state
The alternative water supply is Lake Michigan water. I don't see a need to consider the deep wells.	that two of the active wells are located in the deeper aquifer, and if they (well 22, 32) can service the entire population safely, only then is there an alternate source available.
	South Chicago Heights and Steger:
REF 33 added	Give all well depths to show all wells are drawing from the aquifer [redacted] of concern.

CB:KW

QC COMMENT RECORD

For each of the numbered sections checked above, please make the following corrections ...

SECTION #	COMMENT(S)
	East Chicago Heights:
Ref 2 indicates a depth of 1,191. Ref 1 and REF 33 say 1,800 ft. Either way it is below the confining shale.	Ref 2. shows well #3 drawing from the dolomite aquifer. Find out which aquifer it is drawing from? If it is deep then. If water is blended then use the TOTAL population. Otherwise use only that population serviced by the Silurian Dolomite aquifer.
It is blended (REF 33)	
Population is not used since wells outside of Three mile radius can supply all needs.	Park forest: If the water is blended from all the wells before distribution then consider the entire population of Park forest. If each well services a given population then only count the pop. on wells within the 3-mile Radius. Even though there is an alternate source still include the pop. of Park forest. Indicate that all wells draw from the same aquifer (The aquifer of concern)

CB:4W

QC COMMENT RECORD

For each of the numbered sections checked above, please make the following corrections ...

SECTION #	COMMENT(S)
	Note: Again, is the water from all wells blended, if so include the entire pop. If each well services a given area (pop) then only consider the pop. serviced by wells within the three mile Radius. Also indicate that all wells draw from the aquifer of Concern. AFTER TAKING into consideration the above comments. recalculate the pop. on groundwater. AND 1) ADD statements that water is blended if deeper wells are involved or wells are outside 3 mile Radius. 2) add statements that all wells draw from the aquifer of concern, or indicate which wells are deeper.

CB:4W

And even though there is an alternate source available you still use the population.

QC COMMENT RECORD

For each of the numbered sections checked above, please make the following corrections ...

SECTION #	COMMENT(S)
13	Give the depth of this well to show it is drawing from the aquifer of concern.

CB:4W

QC COMMENT RECORD

For each of the numbered sections checked above, please make the following corrections ...

SECTION #	COMMENT(S)
17	you must be Consistant and evaluate the same surface water body through out the route. (i.e.) do not give a use for Lake Michigan when you describe the ditch as the nearest sw. But, the ditch is intermittent and man made therefore you have no Route. Explain and document this in the observed release section and then place NA in the remaining sections. Also, indicate on the TOPO that the ditch is intermittent. and take references used only for the sw. section off the Log sheet.
34	on the S_{sw} work sheet place zero only as $S_{sw}=0$ leave remaining sections blank.

CB:4W

QC COMMENT RECORD

For each of the numbered sections checked above, please make the following corrections ...

SECTION #	COMMENT(S)
72	Make sure you underline material used in the references. This will help in figuring out the drinking water section, and the sample analysis. also take out references used in SW Route which are no longer used.
74	Give the state.
76	add the state contact/affiliation and phone number.

CB:4W

QC COMMENT RECORD

For each of the numbered sections checked above, please make the following corrections ...

SECTION #	COMMENT(S)
2	Ref 14, pg 19.28 shows the depth of fill to be 10 feet. Also use the depth to water table as 31.5 (Ref 14 pg 20). Not only was the water found at 31.5 while drilling but the boring indicates the aquifer of concern - dolomite is at this depth. Reword this section and take out References 15 + 17.
8,9	add a statement that these contaminants are typical contaminants of solvents and paints wastes. Can you supply me with a reference?

CB:4W