5. AREA WELL INVENTORY, 8-92

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
50 Wolf Road
Albany, New York 12233

AREA WELL INVENTORY

DZUS FASTENER CO.
West Islip, Suffolk County

Site No. 152033

Work Assignment #D002676-1

Remedial Investigation/Feasibility Study

August 1992

LAWLER, MATUSKY & SKELLY ENGINEERS
Environmental Science & Engineering Consultants
One Blue Hill Plaza
Pearl River, New York 10965

Project No. 650-001

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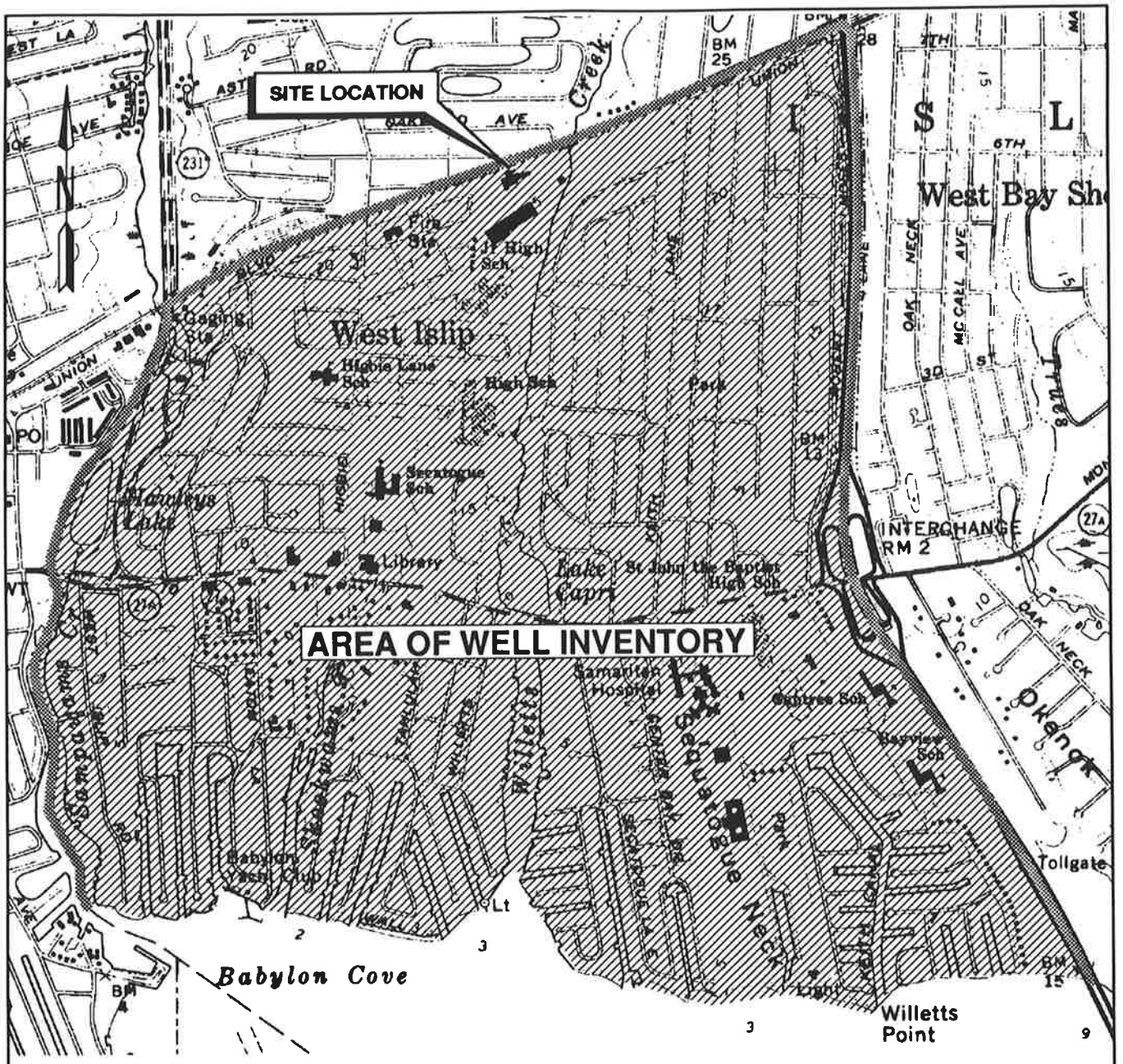
1 INTRODUCTION

In order to identify all public and private groundwater wells located downgradient of the Dzus Fastener Company, Inc. (Dzus) site, an area well inventory was conducted by Lawler, Matusky & Skelly Engineers (LMS). The Dzus site is located at 425 Union Boulevard in the Town of West Islip, Long Island, New York. Included in this inventory was the area south of Union Boulevard, east of the Babylon/Islip town line, and west of the Robert Moses Parkway (Figure 1-1, taken from LMS' Field Activities Plan for the Dzus site).

The area well inventory was designed to establish the locations of all groundwater wells within the area of potential influence but substantially downgradient of the Dzus site. Of particular interest were wells located south and southwest of the site, as groundwater beneath the site has been determined to move in this direction and may carry contaminants in the form of a contaminant plume. Based on this, well inventory wells were selected that could be used to sample groundwater from the upper glacial aquifer (UGA) to provide information on the type and concentration of groundwater contaminants other than that afforded by the proposed wells in the remedial investigation (RI) to be conducted for the site. This additional information will help delineate any existing contaminant plume resulting from site activities and provide insight into groundwater flow patterns in the area. Because it is believed that the Magothy aquifer is well protected by the Gardiners Clay, the groundwater study will utilize wells screened in the UGA.

Federal, state, county, and local agencies contacted to develop this inventory included the regional office of the New York State Department of Environmental Conservation (NYSDEC), the Suffolk County Department of Health Services (SCDHS), the regional office of the U.S. Geological Survey (USGS), and the New York State Department of Health (NYSDOH). Data on well depths, aquifer(s) tapped, static water levels, well construction, yield, and quality were compiled and reviewed. The current status of the wells will be verified in the field, if possible, during the RI. The owners of selected wells screened in the UGA were contacted to determine the suitability of these wells for sampling and to obtain piezometric data. Actual sampling and testing of selected wells will be undertaken during the RI prior to installation of the off-site monitoring wells.



Extent of well inventory

0 1600 ft

SCALE
1 in. = 1600 ft

Map source: USGS quadrangle map, Bay Shore West, NY, 1969, photorevised, 1979.

FIGURE 1-1

AREA OF WELL INVENTORY

DZUS FASTENER CO.

LAWLER, MATUSKY & SKELLY ENGINEERS
Pearl River, New York

2 SITE GEOLOGY/HYDROGEOLOGY

The Dzus site is underlain by unconsolidated deposits of Cretaceous and Pleistocene age. No wells in the vicinity of the site have reached bedrock; however, information obtained from other areas of Long Island suggests that the bedrock depth in the Islip area ranges from 1200 to 1800 ft below sea level. This basement rock is thought to be Precambrian and early Paleozoic schist and gneiss.

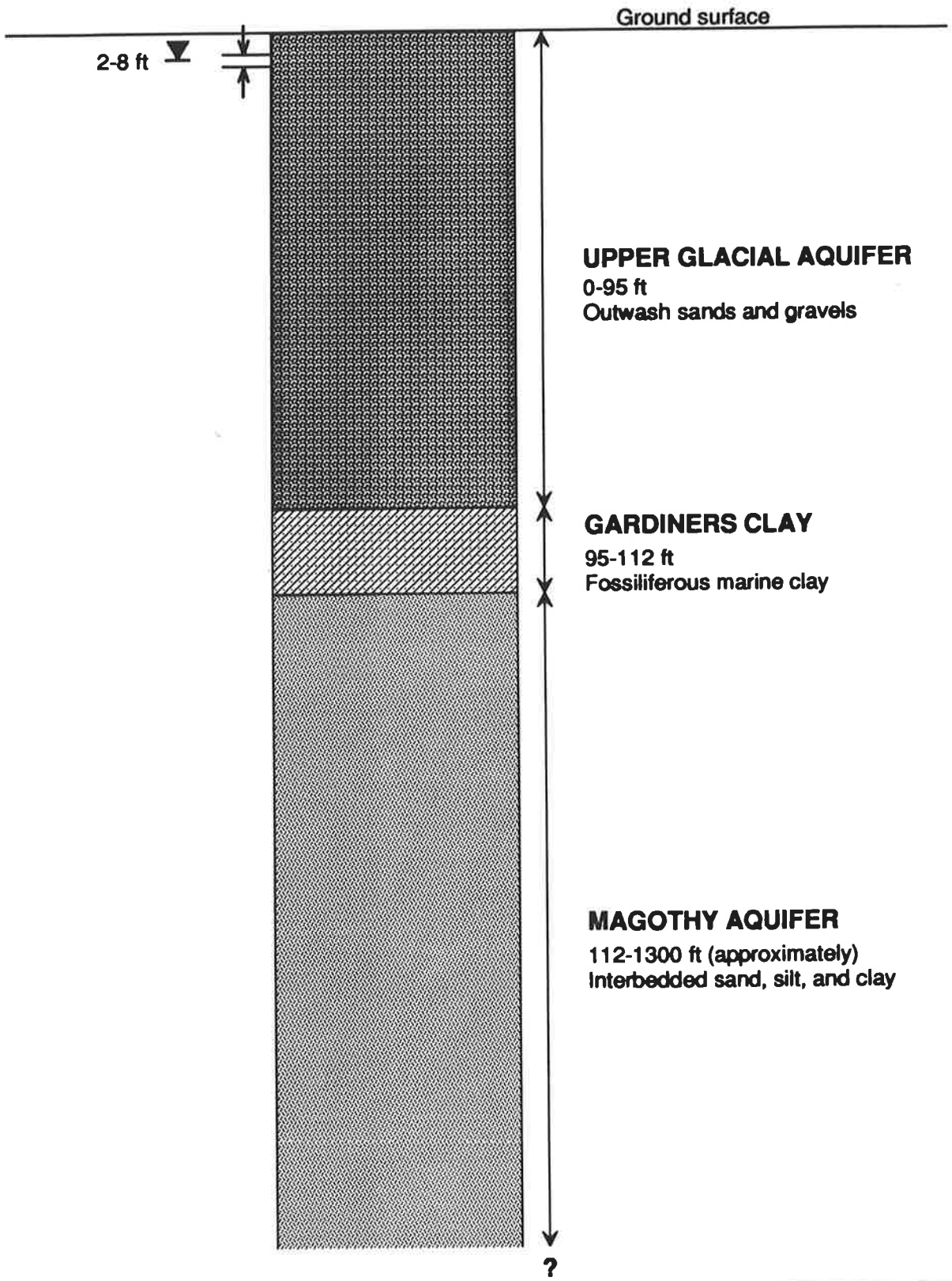
The Dzus site is directly underlain by the UGA, which extends from 0 to 95 ft below grade. The UGA consists of till and outwash sand, gravel and silt deposits of the Wisconsin Glaciation. Beneath the UGA lies the Gardiners Clay, composed predominantly of clay and silt, which was found to be between 6 and 17 ft thick beneath the Dzus site. Directly below the Gardiners Clay lies the Magothy Formation, consisting of interbedded white quartz sand, silt, and clay. The Magothy aquifer is believed to be approximately 1200 ft thick (Figure 2-1).

The water table is typically 4-6 ft below ground surface in the UGA. Hydraulic conductivity in the UGA has been estimated at approximately 200 ft/day. Based on grain size, hydrometer, and Atterburg limits analyses performed on soil samples collected by H2M Group in 1990, the Gardiners Clay confines the underlying Magothy aquifer and is believed to limit the downward migration of groundwater in the vicinity of the site.

3 DATA COLLECTION

As part of the area well inventory, the files at the Stony Brook office of NYSDEC and the Hauppauge office of SCDHS were reviewed. Additional information was obtained by telephone from the regional offices of USGS and NYSDOH.

Information on location and physical characteristics of public supply wells and four private wells was obtained and photocopied from microfiche and maps at the NYSDEC Stony Brook office. As noted in Section 4, private wells (17-20) are owned by commercial enterprises and are not used for providing potable water.



NOTE: Thicknesses are inferred based on regional geology. Actual thicknesses may vary in the vicinity of the site.

FIGURE 2-1

TYPICAL CROSS SECTION OF GLACIAL DEPOSITS IN THE VICINITY OF THE DZUS SITE

DZUS FASTENER CO.

LAWLER, MATUSKY & SKELLY ENGINEERS
Pearl River, New York

SCDHS provided maps that verified the number and location of the public wells identified at NYSDEC. Attention was then focused on the collection of private well and monitoring well information. Half a dozen monitoring wells were identified, some southwest of the site, from file records from a previous water level study. Only two private wells from the SCDHS records were located within the region designated for the survey. Information on private wells was limited to the owner's name, street address, and results of previous chemical testing. No information on well construction, depth, or condition was available from SCDHS. USGS and NYSDOH were contacted, but were unable to supply additional information.

4 RESULTS OF SURVEY

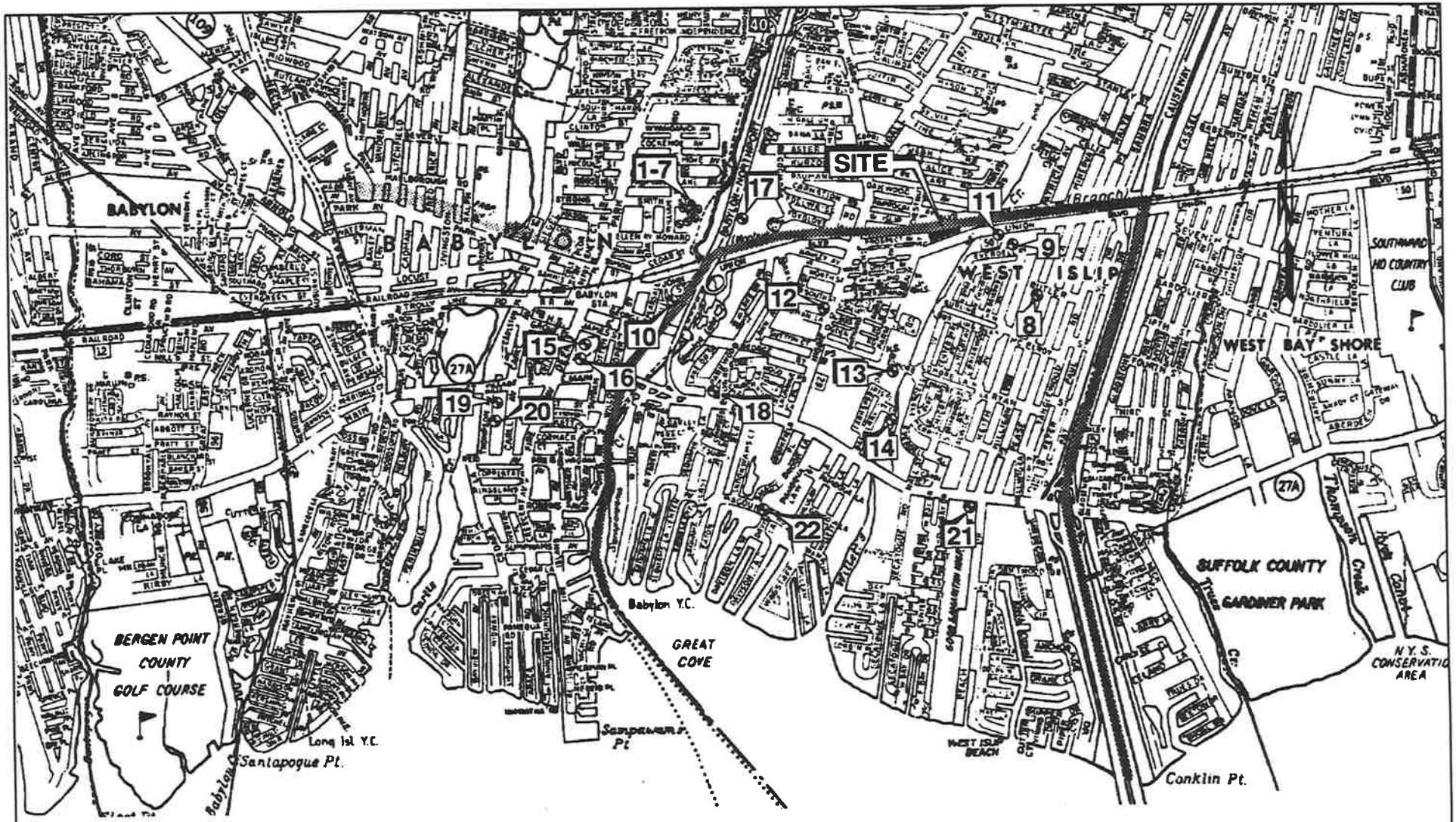
A total of 19 wells screened within the UGA and lying within or close to the designated region were identified by the area well inventory from NYSDEC and SCDHS records. The locations of these wells are shown in Figure 4-1.

Five wells (3-7) are municipal or public supply wells in a well field located about 5000 ft west of the Dzus site; they are under the jurisdiction of the Suffolk County Water Authority (SCWA). The physical characteristics of all wells are given in Table 4-1.

Seven wells (8-14) are monitoring wells installed by SCWA to study water levels in the area. The locations of the monitoring wells, as indicated on the map, are east, southeast, south, and southwest of the site.

Two wells (15 and 16) under the jurisdiction of the Town of Babylon lie southwest of the site just outside the designated potable well inventory area. Each of these two wells is noted as being "fire well pumper."

Six private wells (17-22) were also located and are shown in Figure 4-1. The owners of wells 17-20 are the Long Island Railroad (17), Mobil Oil Corporation (18), and the Suffolk County Federal Savings and Loan Association (19-20). These wells were and may still be used for washing railroad cars (17), recovery (18), and air conditioning (19-20). Well 21 is owned by the Good Samaritan Hospital and is used for providing potable water. Well 22 is owned by



0 0.5 mi

SCALE
1 in. = 0.5 mi

Map source: Hagstrom Map Company, Western Suffolk County, 1988.

FIGURE 4-1

INVENTORY WELLS

DZUS FASTENER CO.

LAWLER, MATUSKY & SKELLY ENGINEERS
Pearl River, New York

TABLE 4-1

DZUS AREA WELL INVENTORY
DZUS FASTENER CO., INC.

WELL No.	TOTAL DEPTH OF WELL (ft)	DEPTH TO GROUNDWATER (ft)	WELL DIAMETER (in.)	SCREEN LENGTH (ft)	USE	OWNER	APPROX. DISTANCE AND DIRECTION FROM SITE	SCREENED IN THE UGA?
1	336	7	10	60	Public supply	Suffolk Co. Water Authority	5000 ft W	No
2	500	8	12	50	Public supply	Suffolk Co. Water Authority	5000 ft W	No
3	60	9	10	26	Replacement well	Suffolk Co. Water Authority	5000 ft W	Yes
4	60	10	10	23	Replacement well	Suffolk Co. Water Authority	5000 ft W	Yes
5	52	8	10	20	Public supply	Suffolk Co. Water Authority	5000 ft W	Yes
6	50	9	10	20	Public supply	Suffolk Co. Water Authority	5000 ft W	Yes
7	60	11	16	21	Public supply	Suffolk Co. Water Authority	5000 ft W	Yes
8	18	5	2	6	Water level	SCDEC	2500 ft SE	Yes
9	10	5	2	3	Water level	SCDEC	1600 ft SE	Yes
10	15	9	2	3	Water level	SCDEC	5300 ft W	Yes
11	8	4	2	3	Water level	SCDHS	1400 ft E	Yes
12	15	7	2	5	Water level	SCDEC	2500 ft SW	Yes
13	5	2	2	2	Water level	SCDEC	2800 ft SW	Yes
14	8	4	2	3	Water level	SCDHS	3800 ft SW	Yes
15	65	3	6	21	Fire well pumper	Town of Babylon	7500 ft SW	Yes
16	63	5	6	21	Fire well pumper	Town of Babylon	7500 ft SW	Yes
17	81	6	8	15	Wash RR cars	LIRR	3800 ft W	Yes
18	34	4	8	33	Recovery	Mobil Oil	5300 ft SW	Yes
19	23	5	2	4	AC	SCFSLA	9300 ft SW	Yes
20	35	5	2	6	AC	SCFSLA	9400 ft SW	Yes
21	NA	NA	NA	NA	Potable supply	Good Samaritan Hospital	5500 ft S	Yes
22	NA	NA	NA	NA	Potable supply	David Kjeldsen	5500 ft SW	Yes

NA - Information not available at this time.

Mr. David Kjeldsen, who indicated that the well was at one time used for drinking water but is not currently used.

5 SELECTION OF WELLS FOR PLUME DELINEATION

Monitoring wells 10, 12, 13, and 14 appear to be most suitable for plume delineation as they lie southwest of the site at various distances. If contamination is found at these distances, private wells 18, 19, 20, 21, and public wells 15 and 16 could be used for further delineation as these wells are farther from the site south and southwest than the monitoring wells. Any of these wells could be used as alternates if the first choices prove unsuitable.

6 SELECTION OF POTABLE WELLS

Of the two potable wells identified by the survey inside the area well inventory region, well 22 (Kjeldsen well) is the most suitable based on location. If well 22 shows signs of contamination, well 21 (Good Samaritan well) might be used to check groundwater flow patterns as it lies south (and slightly east) of the site at about the same distance as well 22.

7 TELEPHONE SURVEY OF SELECTED POTABLE WELL OWNERS

Several brief discussions have been held with the owners of wells 21 and 22 (Good Samaritan Hospital and Mr. Kjeldsen, respectively) by telephone. Mr. Robert Johnson, head of maintenance at Good Samaritan Hospital, is trying to obtain permission to allow sampling of their well.

Mr. David Kjeldsen has also been contacted but has not yet granted permission for his well (22) to be sampled. He has been sent a questionnaire on his well, a copy of which is included as Appendix E.

APPENDIX A

PUBLIC SUPPLY WELLS

S-36748

County Suffolk

ICSA 5772

ORIGINAL—TO COMMISSION

State of New York
Department of Conservation
Division of Water Resources

Well No. S-36748

Ground Surf., El. ..... ft. above

Top of Well

COMPLETION REPORT—LONG ISLAND WELL

Owner Suffolk County Water Authority

Address Sunrise Highway & Pond Road, Oakdale, N.Y.

Location of well T-#7 SMITH STREET, Babylon, N.Y. (L-#36)

Depth of well below surface 335' 10" feet

Depth to ground water from surface 7' feet

Method of drilling - ROTARY

Casings:

Diameter	42 in.	20 in.	10 in.	in.
Length	16 ft.	260 ft.	74 ft.	ft.
Sealing	cement			
Casings removed	none			

Screens: Make Johnson Openings 60 slot

Diameter	10 I.D. in.	in.	in.	in.
Length	60 ft.	ft.	ft.	ft.

Depth to top from top of casing 272 ft.

Pumping Test: Date 5/14/70 1/14/71 Test or permanent pump? Test Perm

Duration of Test ..... days 4½ 110 hours

Maximum Discharge 1230 1260 gallons per minute

Static level prior to test 7 6 ft. 4 in. below top of casing

Level during Max. Pumping 40 39 ft. 6 in. below top of casing

Maximum Drawdown 33 33'2" ft.

Approx. time of return to normal level after cessation of pumping ..... hours 30 minutes

Pump Installed: INFO TO FOLLOW ON PERM. PUMP

Type DWT Make Layne Model No. RKNH

Motive power Elec Make US H.P. 75

Capacity 1200 g.p.m. against 175'6" ft. of discharge head

No. bowls or stages 4 215 ft. of total head

LOG OF WELL [illegible]
Well Print [illegible]

Pump [illegible]

Drop Line: Diameter 10 in. Length 60 ft.

Suction Line: Diameter 10 in. Length 9'9" ft.

Use of water Public Supply

Work started 3/2/70 [illegible] Completed 5/4/70 [illegible]

Date 6/24/70 7/7/71 Driller Layne-New York Co. Inc.

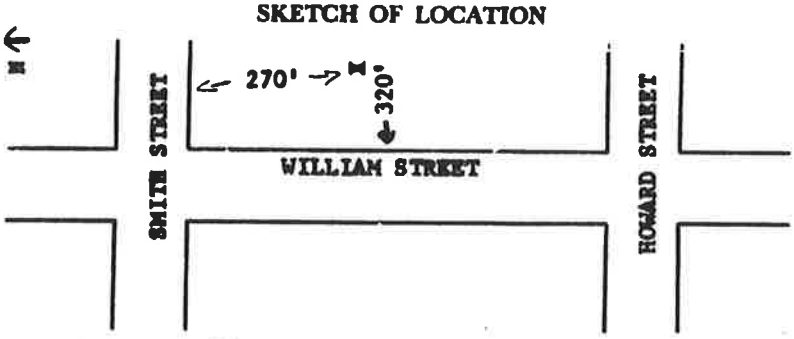
License No. 5

Note: Show log of well—materials encountered, with depth below ground surface, water bearing beds and water levels in each, casings, screens, pump, additional pumping tests and other matters of interest. Describe repair job.

See Instructions as to Well Drillers' Licenses and Reports—pp. 5-7.

S-36748

SKETCH OF LOCATION



Locate well with respect to at least two streets or roads, showing distance from corner and front of lot.

Show North Point

County Suffolk

ORIGINAL—TO COMMISSION

WSA-4266

State of New York

Department of Conservation

Division of Water Resources

Well No. S-21375 (on preliminary report)

LOG

Ground Surf., El ..... ft. above sea

..... ft.

Top of Well

COMPLETION REPORT—LONG ISLAND WELL

Owner Suffolk County Water Authority

Address Sunrise Highway, Oakdale, L. I., N. Y.

Location of well East end Smith Street, Babylon, L. I.

Dept of well below surface 500'-5" feet

Depth to ground water from surface ..... feet

CASINGS:

Diameter 16 in. 12 in. 14 in. ← New liner casing by Zamber in.

Length 250 ft. 195 ft. 250 ft. ft.

Sealing

Casings removed

SCREENS: Make Cook-Everdur Openings #70

Diameter 12 in. in. in. in.

Length 50 ft. ft. ft. ft.

Depth to top from top of casing 445 ft.

PUMPING TEST: Date 3/25/63 (10/15-12/28/78) Test or permanent pump? Test

Duration of Test - days (34) 8 hours

Maximum Discharge 1500 (1400) gallons per minute

Static level prior to test (9'7") 1 ft. 9 in. below top of casing

Level during Max. Pumping (61 ft. 7) in. below top of casing

Maximum Drawdown 65 (54) ft.

Approx. time of return to normal level after cessation of pumping ..... hours ..... minutes

PUMP INSTALLED: (BY OWNER)

Type [illegible] Make [illegible] Model No. ~~TCC~~ BEH

Motive power [illegible] Make [illegible] N.P. [illegible]

Capacity ~~1400~~ 1000 g.p.m. against ..... ft. of discharge head

No. bowls or stages 4 ..... ft. of total head

DROP LINE: SUCTION LINE:

Diameter ~~10~~ 8 in. ~~10~~ 8 in.

Length ~~10~~ 79'-9 3/4" ft. ~~10~~ 9'-11" ft.

Use of water Municipal Supply

Work started 1 February 1963 Completed 28 March 1963

Date 8 May 1963 Driller MATHIES WELL & PUMP CO.,

Temp. - 52°

License No. #153

NOTE: Show log of well—materials encountered, with depth below ground surface, water bearing beds and water levels in each, casings, screens, pump, additional pumping tests and other matters of interest. Describe repair job.

See Instructions as to Well Drillers' Licenses and Reports pp. 5-7.

75' Crse Br. Sand & Gravel

78' Blue Clay

82' Crse Sand & Gravel

99' Fine Gray Sand, Lignite & Mica

114' Dk. Gray Clay

120' Fine Gray Sand, Streaks of Lignite & Gray Clay

125' Gray clay & Lignite

223' Fine Gray Sand, Streaks of gray clay

244' Fine gray sand, lignite & mica

248' Fine gray sand, streaks of pyrite

266' Fine gray sand, lignite & mica

270' Dk. gray clay, lignite & mica

351' Fine gray sand, lignite & mica

357' Gray clay lignite, pyrite & streaks of fine gray sd.

371' Gray sand streaks of lignite

417' Gray clay lignite, pyrite, streaks of gray sand

(Continued on reverse side)

W S A - 2644

ORIGINAL—TO COMMISSION

County .....

Well No. S-13478 (on preliminary report)

State of New York
Department of Conservation
Division of Water Power and Control

LOG

Ground Surf., El. ..... ft. above sea

COMPLETION REPORT—LONG ISLAND WELL

..... ft.

Top of Well

Owner [illegible]

Address [illegible]

Location of well [illegible]

Depth of well below surface 60' feet

Depth to ground water from surface 8'-6" feet

60'	Coarse Sand & Grits

Casings:

Diameter 10 in. ..... in. ..... in. ..... in.
Length 34'-6" ft. ..... ft. ..... ft. ..... ft.
Sealing .....
Casings removed .....

Screens: Make Johnson Openings 30 slot
Diameter 10 in. ..... in. ..... in. ..... in.
Length 25'-6-3/4" ft. ..... ft. ..... ft. ..... ft.
Depth to top from top of casing 34'-6" ft.

Pumping Test: Date Feb. 21, 1955 Test or permanent pump? Test
Duration of Test ..... days 4 hours
Maximum Discharge [illegible] gallons per minute
Static level prior to test 8 ft. 6 in. below top of casing
Level during Max. Pumping ..... ft. ..... in. below top of casing
Maximum Drawdown 20 ft.
Approx. time of return to normal level after cessation of pumping ..... hours ..... minutes

Pump Installed: Centrifugal (Existing)
Type ..... Make ..... Model No. .....
Motive power ..... Make ..... H.P. .....
Capacity ..... g.p.m. against ..... ft. of discharge head
No. bowls or stages .... ft. of total head

Drop Line: **Suction Line:**
Diameter ..... in. ..... in.
Length ..... ft. ..... ft.

Use of water [illegible]

Work started [illegible] Completed [illegible]

Date [illegible] Driller [illegible]

License No. [illegible]

Note: Show log of well—materials encountered, with depth below ground surface, water bearing beds and water levels in each, casings, screens, pump, additional pumping tests and other matters of interest. Describe repair job.

See Instructions as to Well Drillers' Licenses and Reports—pp. 5-

County [illegible]

ORIGINAL—TO COMMISSION

Well No. S-12477
(on preliminary report)

State of New York
Department of Conservation
Division of Water Power and Control
COMPLETION REPORT—LONG ISLAND WELL

LOG

Ground Surf., El. ..... ft. above sea

..... ft.

Top of Well

Owner [illegible]

Address [illegible]

Location of well [illegible]

Depth of well below surface 60'--3" feet

Depth to ground water from surface 9'--6" feet

40'	Coarse Sand & Grits
60'-3"	Coarse Sand & Gravel

Casings:

Diameter 10 in. ..... in. ..... in. ..... in.
Length [illegible] ft. ..... ft. ..... ft. ..... ft.
Sealing .....
Casings removed .....

Screens: Make Johnson Openings 30 slot
Diameter 10 in. ..... in. ..... in. ..... in.
Length 22'-8" ft. ..... ft. ..... ft. ..... ft.
Depth to top from top of casing 37'-7" ft.

Pumping Test: Date March 30, 1955 Test or permanent pump? Test
Duration of Test ..... days 8 hours
Maximum Discharge 100 gallons per minute
Static level prior to test 2 ft. 6 in. below top of casing
Level during Max. Pumping ..... ft. ..... in. below top of casing
Maximum Drawdown 37 ft.
Approx. time of return to normal level after cessation of pumping ..... hours ..... minutes

Pump Installed: [illegible]
Type ..... Make ..... Model No. .....
Motive power ..... Make ..... H.P. .....
Capacity ..... g.p.m. against ..... ft. of discharge head
No. bowls or stages .... 8 ft. of total head

Drop Line: **Suction Line:**
Diameter ..... in. ..... in.
Length ..... ft. ..... ft.

Use of water [illegible] to be abandoned

Work started ..... Completed .....

Date ..... Driller .....

License No. [illegible]

Note: Show log of well—materials encountered, with depth below ground surface, water bearing beds and water levels in each, casings, screens, pump, additional pumping tests and other matters of interest. Describe repair job.

See Instructions as to Well Drillers' Licenses and Reports—pp. 5-7

WSA- 1703

County Suffolk

ORIGINAL—TO COMMISSION

Well No. S-4830 (on preliminary report)

State of New York
Department of Conservation
Division of Water Power and Control

LOG

Ground Surf., El. ..... ft. above sea

A ..... ft.

V Top of Well

COMPLETION REPORT—LONG ISLAND WELLS

Owner New York Water Service Corp. (Replacement Well #1) S-4028

Address Fifth Avenue, Bay Shore, N.Y.

Location of well Smith St. Station, Babylon, N.Y.

Depth below surface 51'-6" ~~(Well #1)~~ feet

Depth to water: Ground water 8'-4" ft.; Finished well ..... ft.

Casings:

Diameter 10" in. ..... in. ..... in. ..... in.

Length 28'-4" ft. ..... ft. ..... ft. ..... ft.

Sealing .....

Casings removed .....

Screens: Make Cook Bronze W.W. Openings #30 Slot

Diameter 9½" O.D. in. ..... in. ..... in. ..... in.

Length 20' w/ ft. 6-feet ft. of blank ft. ..... ft.

Depth to top from top of casing 26'-4" ft.

Pumping Test: Date Dec. 17/46 Test or permanent pump? Test

Duration of Test ..... days 5- hours hours

Maximum Discharge 445 gallons per minute

Static Level Prior to Test 8'-4" ft. ..... in. below top of casing

Level during Max. Pumping 20'-4" ft. ..... in. below top of casing

Maximum Drawdown 12' ft.

Approx. time of return to normal level after cessation of pumping At once hours ..... minutes

Pump Installed: Pump to be installed by owners

Type ..... Make ..... Model No. .....

Motive power ..... Make ..... H.P. .....

Capacity ..... g.p.m. against } ..... ft. of discharge head

No. bowls or stages ..... } ..... ft. of total head

Drop Line: **Suction Line:**

Diameter ..... in. ..... in.

Length ..... ft. ..... ft.

Use of water Public Supply

Work started July 13/46 Completed Dec. 17/46

Date Feb. 1/47 Driller Karlson & Reed, Inc.

License No. 10-

	Loam 4'
	Coarse Sand & Gravel 40'
	Fine Brown Sand 43'
	Coarse Sand & Gravel 46'
	Fine White Sand 52'

STATE OF NEW YORK WATER POWER AND ... FEB 3 - 1947

Note: Show log of well—materials encountered, with depth below ground surface, water bearing beds and water levels in each, casings, screens, pump, additional pumping tests and other matters of interest. Describe repair job.

See Instructions as to Well Drillers' Licenses and Reports—pp. 5-7.

WSA- 1703

County Suffolk

ORIGINAL—TO COMMISSION

State of New York
Department of Conservation
Division of Water Power and Control

Well No. S- 4831
(on preliminary report)

COMPLETION REPORT—LONG ISLAND WELLS

LOG
Ground Surf., El. ..... ft. above sea
..... ft.
Top of Well

Owner New York Water Service Corp (Well #3) Replacement S-4030

Address Fifth Avenue, Bay Shore, N.Y.

Location of well Smith St. Station, Babylon, N.Y.

Depth below surface 50'- 3" (~~Well #2~~) feet

Depth to water: Ground water 9'- ft.; Finished well ..... ft.

Casings:
Diameter 10" in. ..... in. ..... in. ..... in.
Length 27'- 8" ft. ..... ft. ..... ft. ..... ft.
Sealing .....
Casings removed .....

Screens: Make Cook Bronze W.W. Openings 35- Slot
Diameter 9½" O.D. in. ..... in. ..... in. ..... in.
Length 20' w/ ft. 6-feet ft. of blank ft. ..... ft.
Depth to top from top of casing 23'- 1" ft.

Pumping Test: Date Jan. 22/47 Test or permanent pump? Test
Duration of Test ..... days 9- hours hours
Maximum Discharge 445 gallons per minute
Static Level Prior to Test 9' ft. ..... in. below top of casing
Level during Max. Pumping 19' ft. ..... in. below top of casing
Maximum Drawdown 10' ft.
Approx. time of return to normal level after cessation of pumping At once hours ..... minutes

Pump Installed: Pump to be installed by owners.
Type ..... Make ..... Model No. .....
Motive power ..... Make ..... H.P. .....
Capacity ..... g.p.m. against } ..... ft. of discharge head
No. bowls or stages ..... } ..... ft. of total head

Drop Line: Suction Line:
Diameter ..... in. ..... in.
Length ..... ft. ..... ft.

Use of water Public Supply

Work started July 19/46 Completed Jan. 22/47

Date Feb. 1/47 Driller Karlson & Reed, Inc.

License No. 10-

Note: Show log of well—materials encountered, with depth below ground surface, water-bearing beds and water levels in each, casings, screens, pump, additional pumping tests and other matters of interest. Describe repair job.

See Instructions as to Well Drillers' Licenses and Reports—pp. 54.

	Loam + Dirty Sand 5'
	Coarse Sand + Gravel 20'
	Med. Coarse Sand 26'
	Coarse Sand + Gravel 47'
	Med. Coarse Sand 49'
	Fine White Sand 50'

CHLORIDES
7/10/47 6.2 PPM
DEPTY HEALTH

STATE OF NEW YORK
WATER POWER AND
FEB 3 - 1947
[illegible] COMMISSION
RECEIVED

W.S.A. 2207

County SUFFOLK

ORIGINAL—TO COMMISSION

Well No. S-10,641 (on preliminary report)

State of New York
Department of Conservation
Division of Water Power and Control

COMPLETION REPORT LONG ISLAND WELL

LOG

Ground Surf., El. ..... ft. above sea 0

..... ft.

Top of Well

Owner NEW YORK W.S. - SUFFOLK CO. WATER AUTH

Address 90 BROAD STREET, NEW YORK, N.Y.

Location of well SMITH STREET, BABYLON, LI

Depth below ~~surface~~ TOP OF CASING: 60' - 2½" feet

Depth to water: Ground water 11' ft.; Finished well 11' ft.

Casings: TOP OF CASING : 2' ABOVE GRADE

Diameter 16" in. ..... in. ..... in. ..... in.

Length 35' - 11½" ft. ..... ft. ..... ft. ..... ft.

Sealing PACKER

Casings removed —

Screens: Make JOHNSON EVERDUR Openings #80 SLOT

Diameter 16" in. 10" RISER in. 10" SUMP in. ..... in.

Length 21' - 3" ft. 3' - 4" ft. 2' - 0½" ft. ..... ft.

Depth to top from top of casing 36' - 11" ft.

Pumping Test: Date 3-6-53 Test or permanent pump? TEST

Duration of Test — days 10½ hours

Maximum Discharge 1407 gallons per minute

Static Level Prior to Test 11' ft. ..... in. below top of casing

Level during Max. Pumping 32' ft. ..... in. below top of casing

Maximum Drawdown 21' ft.

Approx. time of return to normal level after cessation of pumping ..... hours ..... minutes

Pump Installed: BY OWNER

Type DWT Make Layne Model No. SC 799

9/16/53

Motive power ..... Make ..... H.P. .....

Capacity 700 g.p.m. against } ..... ft. of discharge head

No. bowls or stages 5 } 230 ft. of total head

New Pump Installed 7/5/67 by Layne.

Drop Line: Diameter 8 in. Length 20 ft.

Suction Line: Diameter 8 in. Length 9' 8 ft.

Use of water PUBLIC W.S.

Work started 5-16-53 Completed 7-5-67 4-16-53

Date 5-26-53 Driller C.W. LAUMAN & CO. INC. Layne N.Y. Co.

License No. 13

Note: Show log of well—materials encountered, with depth below ground surface, water-bearing beds and water levels in each, casings, screens, pump, additional pumping tests and other matters of interest. Describe repair job.

See Instructions as to Well Drillers' Licenses and Reports—pp. 5-7.

	SNDY LOAM
3'	
	CSE BRN SAND, GRITS GRAVEL
14'	
	FINE TO CSE BRN SAND, GRITS, GRAVEL
40'	
	V. FINE TO CSE BRN SAND, GRITS, GRL
60'	
	V. FINE S., MICA, SOME GRITS, GRL
62'	

STATE OF NEW YORK WATER BD. MAY 27 1953 CONTROL COMMISSION RECEIVED

WSA-C552

Suffolk
County

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

S-55733
Well No.

COMPLETION REPORT – LONG ISLAND WELL

OWNER: Suffolk County Water Authority	* LOG
ADDRESS: Sunrise Highway and Pond Rd., Oakdale, N.Y.	Ground Surface El. _____ ft. above sea
LOCATION OF WELL: 75' N/O Sunrise Highway, 45' S/O W. 5th St. W. Islip	ft.
DEPTH OF WELL BELOW SURFACE: 233 ft.	DEPTH TO GROUND WATER FROM SURFACE: 13 ft.

TOP OF WELL

SEE ATTACHED

CASINGS

DIAMETER: 20 in.	in.	in.	in.
LENGTH: 165 ft.	ft.	ft.	ft.
SEALING: Grout		CASINGS REMOVED:	

SCREENS

MAKE: Johnson		OPENINGS: #60	
DIAMETER: 10 P.S. in.	in.	in.	in.
LENGTH: 50 ft.	ft.	ft.	ft.

DEPTH TO TOP FROM TOP OF CASING: 180' (top slot)
55' of 10" pipe riser on top of screen & 3' sump on bottom.

PUMPING TEST

DATE: Sept. 25, 1975	TEST OR PERMANENT PUMP: Test
DURATION OF TEST: days 8 hours	MAXIMUM DISCHARGE: 1404 gallons per min.
STATIC LEVEL PRIOR TO TEST: ft. 14 in. below top of casing	LEVEL DURING MAXIMUM PUMPING: 39 ft. in. below top of casing
MAXIMUM DRAWDOWN: 25 ft.	Approximate time of return to normal level after cessation of pumping: 2 hrs. min.

PUMP INSTALLED By Others

TYPE: DWT	MAKE: Layne	MODEL NO.: TLC
MOTIVE POWER: Elec.	MAKE: U.S	H.P.: 100
CAPACITY: 1300 g.p.m. against	ft. of discharge head	
NUMBER BOWLS OR STAGES: 4	239' TDH ft. of total head	

DROP LINE	SUCTION LINE
DIAMETER: 10 in.	DIAMETER: 10 in.
LENGTH: 99' 9" ft.	LENGTH: 10 ft.
METHOD OF DRILLING: ☐ rotary ☐ cable tool ☐ other	USE OF WATER: Municipal Water Supply
WORK STARTED: August 18, 1975 4/8/76	COMPLETED: Sept. 30, 1975 4/02/76

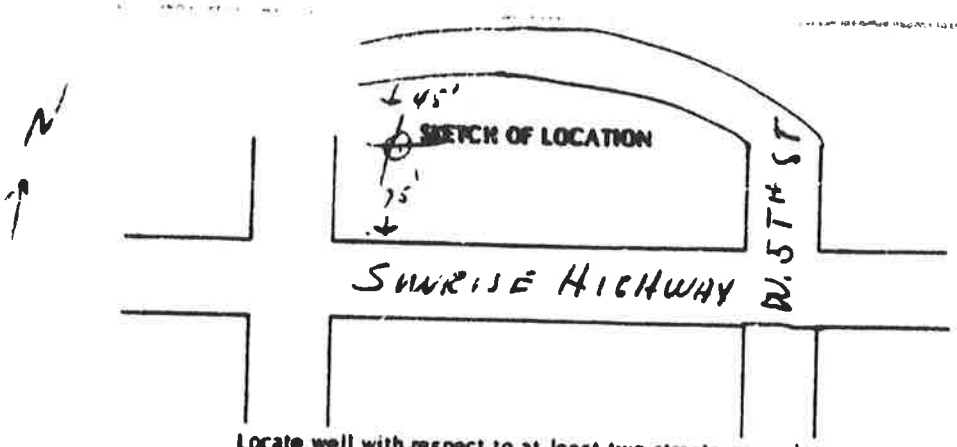
DATE: 2/18/76 2/16/76	DRILLER: Layne-N.Y. Delta Well Co., Inc.	LICENSE NO.: 1299 5

D. E. C. REGION I
ENVIRONMENTAL ANALYSIS UNIT
MAR 18 1976
RECEIVED

Pump data submitted by Well Driller #5 8/20/76

*NOTE: Show log of well - materials encountered, with depth below ground surface, water bearing beds and water levels in each, casings, screens, pump, additional pumping tests and other matters of interest. Describe repair job. See Instructions as to Well Drillers' Licenses and Reports. Pages 5 - 7.

DUPLICATE – Retain



55733

Locate well with respect to at least two streets or roads, showing distance from corner and front of lot.
Show North Point

Check the Town in which the project is located:

Nassau County:

- ☐ Hempstead
- ☐ North Hempstead
- ☐ Oyster Bay

Suffolk County:

- ☐ Babylon
- ☐ Huntington
- ☐ Shelter Island
- ☐ Southold
- ☐ Brookhaven
- ☐ Islip
- ☐ Smithtown
- ☐ East Hampton
- ☐ Riverhead
- ☐ Southampton

WSA-6552

Suffolk
County

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

S-55734
Well No.

COMPLETION REPORT – LONG ISLAND WELL

OWNER: Suffolk County Water Authority	* LOG
ADDRESS: Sunrise Higheay & Pond Rd., Oakdale, N.Y.	Ground Surface El. _____ ft. above sea
LOCATION OF WELL: 25' N/O Sunrise Serv. Rd., 100' W/O W. 5th St. W. Islip	A/V _____ ft.
DEPTH OF WELL BELOW SURFACE: 308 ft. / DEPTH TO GROUND WATER FROM SURFACE: 13 ft.	TOP OF WELL

CASINGS

DIAMETER: 20 in.	10 in.	in.	in.
LENGTH: 203 ft.	81 ft.	ft.	ft.

SEE ATTACHED

SEALING: Grout — CASINGS REMOVED:

SCREENS

MAKE: Johnson		OPENINGS: 50	
DIAMETER: 10 P.S. in.	10 P.S. in.	in.	in.
LENGTH: 20' ft.	50' ft.	ft.	ft.

DEPTH TO TOP FROM TOP OF CASING: 218' (top slot) 3' sump on bottom
16' blank between screens 81' of 10" riser on top

PUMPING TEST

DATE: August 28, 1975	TEST OR PERMANENT PUMP?: Test
DURATION OF TEST: days 8 hours	MAXIMUM DISCHARGE: 1421 gallons per min.
STATIC LEVEL PRIOR TO TEST: 13 ft. 0 in. below top of casing	LEVEL DURING MAXIMUM PUMPING: 39 ft. in. below top of casing
MAXIMUM DRAWDOWN: 26 ft.	Approximate time of return to normal level after cessation of pumping: 2 hrs. min.

PUMP INSTALLED BY OTHERS

TYPE: DWT	MAKE: Layne	MODEL NO.: TLC
MOTIVE POWER: Elec	MAKE: U.S	H.P.: 100
CAPACITY: 1400 g.p.m. against		ft. of discharge head
NUMBER BOWLS OR STAGES: 4		218' TDH ft. of total head

DROP LINE	SUCTION LINE
DIAMETER: 10 in.	DIAMETER: 10 in.
LENGTH: 99'-9" ft.	LENGTH: 10 ft.

METHOD OF DRILLING: ☒ rotary ☐ cable tool ☐ other _____

USE OF WATER: Municipal Water Supply

WORK STARTED: July 29, 1975 4/13/76

COMPLETED: Sept. 10, 1975 4/14/76

DATE: 3/16/76 8/18/76

DRILLER: Layne - NY Delta Well Co., Inc.

LICENSE NO.: 1299 5

D. E. C. ... ENVIRONM... ...YSIS UNIT
MAR ... 1976 ✓
RECEIVED

Pump data submitted by Driller #5 8/20/76

*NOTE: Show log of well - materials encountered, with depth below ground surface, water bearing beds and water levels in each, casings, screens, pump, additional pumping tests and other matters of interest. Describe repair job. See Instructions as to Well Drillers' Licenses and Reports. Pages 5 - 7.

DUPLICATE – Retain

Suffolk
County

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
WBA 69-15

S-66429
Well No.

COMPLETION REPORT – LONG ISLAND WELL

OWNER: Suffolk County Water Authority

ADDRESS: Oakdale, New York 11769

LOCATION OF WELL: T-#3 SUNRISE HWY., Bay Shore Dist - ABS

DEPTH OF WELL BELOW SURFACE: 718'-7-3/4" ft.

DEPTH TO GROUND WATER FROM SURFACE: 17'-3" 9/26/79 ft.

CASINGS

DIAMETER	20" in.	12" in.	10" in.	in.
LENGTH	595'-1-3/4" ft.	70'-½" ft.	12'-6½" ft.	ft.

SEALING: cement

CASINGS REMOVED:

SCREENS

MAKE: Johnson

OPENINGS: #50 slot

DIAMETER	10" ID in.	in.	in.	in.
LENGTH	90' ft.	ft.	ft.	ft.

DEPTH TO TOP FROM TOP OF CASING: 611'-7"

PUMPING TEST

DATE:

TEST OR PERMANENT PUMP?

DURATION OF TEST: days hours

MAXIMUM DISCHARGE: gallons per min.

STATIC LEVEL PRIOR TO TEST: ft. in. below top of casing

LEVEL DURING MAXIMUM PUMPING: ft. in. below top of casing

MAXIMUM DRAWDOWN: ft.

Approximate time of return to normal level after cessation of pumping: hrs. min.

DWT PUMP INSTALLED

TYPE: DWT	MAKE: Layne	MODEL NO.: TLC
MOTIVE POWER: electric	MAKE: U.S.	H.P.: 100

CAPACITY: 1300 g.p.m. against ft. of discharge head

NUMBER BOWLS OR STAGES: 4

~~221k~~ 221' TDH ft. of total head

DROP LINE

DIAMETER: ~~12~~ 10" in.

LENGTH: 59'-8" ft.

SUCTION LINE

DIAMETER: 10" in.

LENGTH: 64'-8" ft.

METHOD OF DRILLING: [X] rotary [ ] cable tool [ ] other

USE OF WATER: Public supply

WORK STARTED: 6/14/79

COMPLETED: 3/24/80

DATE: 4/4/80

DRILLER: Layne-New York Co., Inc.

LICENSE NO.: 5

* LOG

Ground Surface El. _____ ft. above sea

A/V _____ ft.

TOP OF WELL

Sketch of well and log attached.

RECEIVED
APR
N. Y. S. D. E. C.
REGULATORY AFFAIRS, REGION I

*NOTE: Show log of well - materials encountered, with depth below ground surface, water bearing beds and water levels in each, casings, screens, pump, additional pumping tests and other matters of interest. Describe repair job. See Instructions as to Well Drillers' Licenses and Reports. Pages 5 - 7.

ORIGINAL – Environmental Conservation Copy

County Suffolk

15 S 3 5543

ORIGINAL—TO COMMISSION

State of New York
Department of Conservation
Division of Water Power and Control

Well No. S-19048 (on preliminary report)

LOG

Ground Surf., El. ..... ft. above sea

..... ft.

Top of Well

COMPLETION REPORT—LONG ISLAND WELL

Owner Suffolk County Water Authority Layne Well #8

Address Oakdale, Long Island, N.Y.

Location of well South side of Union St. West of Woodland Drive, Bay Shore Plant, Islip, Suffolk County, N.Y.

Depth of well below surface 727 feet

Depth to ground water from surface ..... feet

Casings:

Diameter 12 in. 16 in. ..... in. ..... in.

Length 420 ft. 243 ft. ..... ft. ..... ft.

Sealing .....

Casings removed .....

SEE BLUE PRINT ATTACHED.

Screens: Make Cook Openings Wire Wrapped

Diameter 12" in. ..... in. ..... in. ..... in.

Length 63 ft. ..... ft. ..... ft. ..... ft.

Depth to top from top of casing 663 ft.

Pumping Test: Date Oct. 3, 1960 1/28/71 Test or permanent pump? Perm Test

Duration of Test ..... days 6 2½ hours

Maximum Discharge 1016 1280 gallons per minute

Static level prior to test ~~X~~ 3 ft. 7 in. below top of casing

Level during Max. Pumping 3x30 ft. ..... in. below top of casing

Maximum Drawdown 26' 3" ft.

Approx. time of return to normal level after cessation of pumping ..... hours 30 minutes

New Pump data Submitted 2/4/71

STATE OF NEW YORK
WATER RESOURCES
DEC 1 7 1960

Pump Installed: NONE INSTALLED.

Type DWT Make Layne Model No. RKAEH

Motive power Elec Make U.S. H.P. 75

Capacity 1200 g.p.m. against 155 ft. of discharge head

No. bowls or stages 4 185 ft. of total head

Drop Line: Diameter 8" in. Length 40 ft.

Suction Line: Diameter 8 in. Length 9' 9" ft.

Use of water Public Supply

Work started Sept. 15, 1960 6/9/70 ~~Completed~~ Tested Oct. 3, 1960 1/28/71

Date December 14, 1960 2/2/71 Driller Layne New York Co. Inc

License No. 5

Note: Show log of well—materials encountered, with depth below ground surface, water bearing beds and water levels in each, casings, screens, pump, additional pumping tests and other matters of interest. Describe repair job.

See Instructions as to Well Drillers' Licenses and Reports—pp. 5-7.

~~19048~~
19048

UNION ST

Woodland Drive

County Suffolk

ORIGINAL—TO COMMISSION
WSA 4255

State of New York
Department of Conservation
Division of Water Resources

Well No. S-21244
(on preliminary report)

LOG

Ground Surf., El.....ft. above sea

.....ft.

Top of Well

COMPLETION REPORT—LONG ISLAND WELL

Owner Suffolk County Water Authority

Address Oakdale, L. I., N. Y.

Location of well S/S Union Street, Bay Shore, L. I.

Depth of well below surface 602' 5¼" feet

Depth to ground water from surface 10 feet

*SEE ATTACHED

Casings:

Diameter	16 in.	12 in.	in.	in.
Length	246 ft.	209 ft.	ft.	ft.

Sealing Clay

Casings removed

Screens: Make Cook - everdur Openings #75

Diameter	10 in.	12" pipe in.	10 in.	in.
Length	40 ft.	58 ft.	30 ft.	ft.

Depth to top from top of casing 465 ft.

Pumping Test: Date 1/28/71 12/7/62 Test or permanent pump? ~~Test~~

Duration of Test - days ~~8~~ 2 hours

Maximum Discharge 1310 ~~1212~~ ~~1456~~ gallons per minute

Static level prior to test ~~6~~ ~~8~~ 9' ft 7" ~~9~~ in. below top of casing

Level during Max. Pumping 56 ~~34~~ 39' ft ~~6~~ 5 in. below top of casing

Maximum Drawdown ~~27'9"~~ ~~48~~ 29'10" ft.

Approx. time of return to normal level after cessation of pumping hours 30 minutes

New Pump data Submitted 2/4/71

Pump Installed: (By Owner) Layne

Type DWT Make [illegible] Model No. RKAEH

Motive power Elec Make U.S. H.P. 75

Capacity ~~1798~~ g.p.m. against 148 ft. of discharge head

No. bowls or stages 4 187 ft. of total head

Drop Line: **Suction Line:**

Diameter	8 in.	10 in.
Length	50 ft.	9' 9⅜" ft.

Use of water Municipal Supply

Work started 20 September 62 10/1/72 Completed 21 Dec 1962 1/23/71

Date 3 January 1963 2/2/71 Driller MATHIES WELL & PUMP CO., INC. Layne

License No. 153 5

Temp. 52°

Note: Show log of well—materials encountered, with depth below ground surface, water bearing beds and water levels in each, casings, screens, pump, additional pumping tests and other matters of interest. Describe repair job.

See Instructions as to Well Drillers' Licenses and Reports—pp. 5-7

County Suffolk

WSA 6056

DUPLICATE—RETAIN

State of New York
Department of Conservation
Division of Water Resources

Well No. S42762
(on preliminary report)

LOG
Ground Surf. El. ..... ft. above sea
..... ft.
Top of Well

COMPLETION REPORT—LONG ISLAND WELL

Owner Suffolk County Water Authority

Address Oakdale, L.I., N.Y.

Location of well Union St., W. Bayshore

Depth of well below surface 714'-2" feet

Depth to ground water from surface 15'-3" feet

Casings:
Diameter 20" in. ..... in. ..... in. ..... in.
Length 635' ft. ..... ft. ..... ft. ..... ft.
Sealing .....
Casings removed .....

Screens: Make Johnson Openings 50 Slot
Diameter 12" in. ..... in. ..... in. ..... in.
Length 60' ft. ..... ft. ..... ft. ..... ft.
Depth to top from top of casing 650'-2" ft.

Pumping Test: Date 4-10-72 Test or permanent pump? Temp.
Duration of Test 8 hrs. days ..... hours
Maximum Discharge 1421 gallons per minute
Static level prior to test 8' ft. ..... in. below top of casing
Level during Max. Pumping 41' ft. ..... in. below top of casing
Maximum Drawdown 33' ft.
Approx. time of return to normal level after cessation of pumping ..... hours ..... minutes

Pump Installed:
Type DWT Make Layne Model No. TLC
Motive power Elec. Make US H.P. 100
Capacity 1400 g.p.m. against ..... ft. of discharge head
No. bowls or stages 5 ..... ft. of total head

Drop Line: Suction Line:
Diameter 10 in. 10 in.
Length 70 ft. 10 ft.

Method of Drilling (Rotary, cable tool, etc.) Reverse Rotary

Use of Water Municiple Supply

Work started Feb. 1972 Completed Apr. 10, 1972 7/8/72

Date July 3, 1972 1/18/73 Driller The Lauman Company Layn-N.Y.

License No. 13 5

Note: Show log of well—materials encountered, with depth below ground surface, water bearing beds and water levels in each, casings, screens, pump, additional pumping tests and other matters of interest. Describe repair job.

See Instructions as to Well Drillers' Licenses and Reports—pp. 3-7.

RESOURCE MGT. SERV.
JUL 6 1972 ✓
BUR. WATER REG.
REC'D.

Pump data filed 1/22/73 OK

APPENDIX B

PRIVATE WELLS

17

ORIGINAL—TO COMMISSION

County Suffolk

W-2143

State of New York
Department of Conservation
Division of Water Resources

Well No. S-20892 (on preliminary report)

LOG

Ground Surf., El. ..... ft. above sea

^ ..... ft.

v Top of Well 0 —

COMPLETION REPORT—LONG ISLAND WELL

Owner Long Island Rail Road

Address Jamaica Sta. Ja. N.Y.

Location of well Babylon N.Y.

Dept of well below surface 81' feet

Depth to ground water from surface 6' feet

CASINGS:

Diameter 8" in. ..... in. ..... in. ..... in.

Length 67' ft. ..... ft. ..... ft. ..... ft.

Sealing .....

Casings removed .....

SCREENS: Make Johnson Openings 10-15 slot top 5'-20 slot bottom

Diameter 6" in. ..... in. ..... in. ..... in.

Length 15' ft. ..... ft. ..... ft. ..... ft.

Depth to top from top of casing 66 ft.

PUMPING TEST: Date 5/19/63 Test or permanent pump? Test

Duration of Test ..... days 4 hours

Maximum Discharge 100 gallons per minute

Static level prior to test 6 ft. ..... in. below top of casing

Level during Max. Pumping 15 ft. ..... in. below top of casing

Maximum Drawdown 9 ft.

Approx. time of return to normal level after cessation of pumping ..... hours 1 minutes

PUMP INSTALLED:

Type Turbine Make Deming Model No. 4700

Motive power Elect Make U.S. H.P. 20

Capacity 150 g.p.m. against 320 ft. of discharge head

No. bowls or stages 22 ft. of total head

DROP LINE: SUCTION LINE:

Diameter 4" in. 4 in.

Length 30 ft. 10 ft.

Use of water Wash R.R. cars

Work started 5/10/62 Completed 5/24/62

Date 8/29/62 Driller George Eccom

License No. 484

Brown fine sand

5'—

Brown course sand small gravel

44'—

Brown course sand

70'—

Brown course sand some gravel

72'-6"

Brown course sand gravel

78'—

Gray course sand

81'—

NOTE: Show log of well—materials encountered, with depth below ground surface, water bearing beds and water levels in each, casings, screens, pump, additional pumping tests and other matters of interest. Describe repair job.

See Instructions as to Well Drillers' Licenses and Reports—pp. 5-7

STATE OF NEW YORK WATER RESOURCES AUG 2 4 1962

W-1429

SEE S-13879D S-13844 & S-13845D

(19)

State of New York
Department of Conservation
Division of Water Power and Control

County Suffolk

Well No. S-9146
(see preliminary report)

COMPLETION REPORT—LONG ISLAND WELLS
Well Points up to 3 inches only

Owner Suffolk County Federal Savings & Loan Ass.

Address Main St., Babylon, N. Y.

Location of well S/e cor Merrick Rd. & Thompson Av., Babylon, N. Y.

Depth of well, below surface 22'-7" ~~23'-7"~~ ft. Depth to water 5' ft.

Point: Make all brass Openings 60 gauze

Diameter 2 in. Length 48" ft.

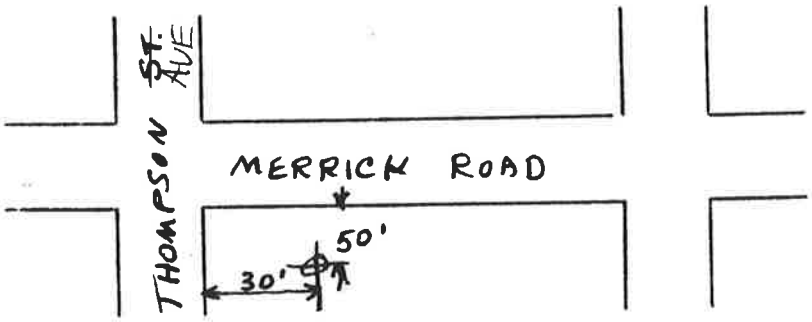
PUMP INSTALLED:

Type S.W. centrifugal Make Jacuzzi Model No. 1P5

Motive power electric Make Jacuzzi H.P. 1

Capacity 35 gals. per min Use of water air conditioning

SKETCH OF LOCATION



Show North Point

Locate well with respect to at least two streets or roads, showing distance from corner and front of lot.

REMARKS:

Work started March 2, 1951 Completed Sept. 24, 1951

Date Dec. 7, 1951 Driller Eastern Well & Pump Co. License

See Instructions as to Well Drillers' Licenses and Reports—pp. 5-7.

STATE OF NEW YORK
N WATER POWER AND
DEC 8 - 1951
CONTROL COMMISSION
RECEIVED

1-9-50-25M (10-1177)

S-9046 W-1429
S-138790
S-138450

(20)

County [illegible]

State of New York
Department of Conservation
Division of Water Power and Control

Well No. S-13[illegible] (on preliminary report)

COMPLETION REPORT—LONG ISLAND WELLS
Well Points up to 3 inches only

Owner [illegible]

Address [illegible] Main Street, Babylon, N.Y.

Location of well [illegible] Main Street, Babylon, N.Y.

Depth of well, below surface 35 ft. Dept to water 5 ft.

Point: Make Johnson Openings 20

Diameter 2 in. Length 6 ft.

Pump Installed:

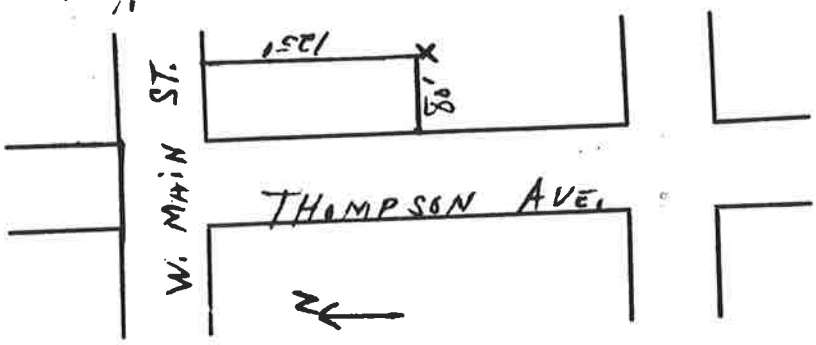
Type Centrifugal Make Deming Model No. 4963-7H

Motive power electric Make --- H.P. 2

Capacity 2400 gals. per hour Use of water Air Conditioning

40 gpm

SKETCH OF LOCATION



Show North Point

Locate well with respect to at least two streets or roads, showing distance from corner and front of lot.

STATE OF NEW YORK
WATER POWER AND
AUG 21 1955
CONSERVATION COMMISSION
RECEIVED

Remarks:

Work started [illegible] Completed July 21, 1955

Date August 23, 1955 Driller [illegible] License No. 153

See Instructions as to Well Drillers' Licenses and Reports—pp. 5-7.

9-23-52-3M (2B-600)

18

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

County SUFFOLK

Well Number S97578

COMPLETION REPORT—LONG ISLAND WELL

OWNER: MOBIL OIL CORPORATION	
ADDRESS: 464 DOUGHTY BLVD INWOOD, NY 11696	
LOCATION OF WELL: MOBIL S/S #17-MLM 409 MONTAUK HWY. WEST ISLIP, NY	
DEPTH OF WELL BELOW SURFACE: 34 ft	DEPTH TO GROUNDWATER FROM SURFACE: 4 ft

CASINGS

DIAMETER	8 in.	in.	in.	in.
LENGTH	1 ft.	ft.	ft.	ft.
SEALING		CASINGS REMOVED	

SCREENS

MAKE: YELLOW MINE - PVC		OPENINGS: .020 STOTTED	
DIAMETER	8 in.	in.	in.	in.
LENGTH	33 ft.	ft.	ft.	ft.
DEPTH TO TOP FROM TOP OF CASING: 1 ft			

PUMPING TEST NOT PERFORMED

DATE	TEST OR PERMANENT PUMP? PERMANENT
DURATION OF TEST: days / hours	MAXIMUM DISCHARGE: gallons per min.
STATIC LEVEL PRIOR TO TEST: ft. / in. below top of casing	LEVEL DURING MAXIMUM PUMPING: in. below top of casing
MAXIMUM DRAWDOWN: ft.	Approximate time of return to normal level after cessation of pumping: hours / min.

PUMP INSTALLED

TYPE: SUBMERSIBLE	MAKE: GRUNDFOS	MODEL NUMBER: 40S15-5
MOTIVE POWER: ELECTRIC	MAKE	H.P.: 1 1/2
CAPACITY: 40	15	

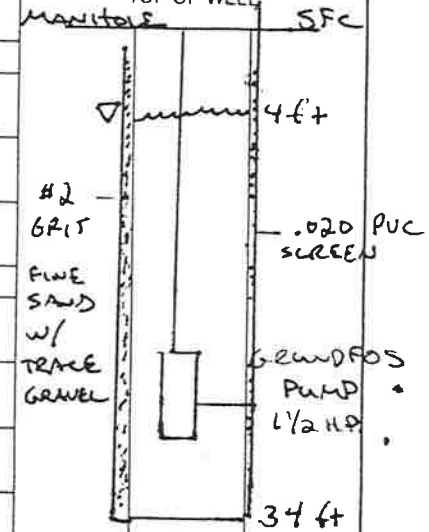
LOG

Ground Surface

EL. 10 ft. above sea

1 ft.

TOP OF WELL



S 97578

Job Number 53245

Fenley & Nicol Co. Inc.

Page ___ of ___

445 Brook Avenue, Deer Park, New York 11729 (516) 586-4900 • (718) 204-4993 Environmental Services Division

PROJECT Mobil Service Station
CLIENT Mobil
LOCATION Montauk Hwy West Islip

DATE 8/23/90
PERMIT NO.
DRILLER Ship

WELL NO. RW 2 USE Recovery Well
DRILLING METHOD 10 1/4 Hollow Stem
CASING:
Type — Diameter — Length —
SCREEN:
Type PVC Diameter 8 Slot .020 Length 33
GRAVEL PACK #2 Grit
SECURITY

BORE HOLE DIAMETER 14
SAMPLE METHOD
DEPTH TO WATER 4
TOTAL DEPTH 34
CASING SEAL
FINISH

DEPTH BELOW GRADE	SAMPLE NUMBER	BLOWS PER 6" ON SAMPLER	WELL DESIGN	IDENTIFICATION OF SOILS/REMARKS
				0-1 Blacktop + Base
				1-2 Yellow Silty Sand
				2-3 Black Silty Sand
				3-10 Gray Sand Trace Gravel
				10-33 Lt Yellow Sand Trace Gravel

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Suffolk County

S-65[illegible] Well No.

COMPLETION REPORT – LONG ISLAND WELL

OWNER: Town of Babylon	
ADDRESS: 200 E. Sunrise Hwy, Lindenhurst, N.Y.	
LOCATION OF WELL: Totten Place Municipal Parking Lot, Babylon	
DEPTH OF WELL BELOW SURFACE: 65' ft.	DEPTH TO GROUND WATER FROM SURFACE: 3'-0" ft.

CASINGS

DIAMETER: 6" in.	in.	in.	in.
LENGTH: 44'-3" ft.	ft.	ft.	ft.
SEALING: None		CASINGS REMOVED: None	

SCREENS

MAKE: Coor 304 SS		OPENINGS: #25 Slot	
DIAMETER: 6" in.	Nominal in.	in.	in.
LENGTH: 20'-9" ft.	ft.	ft.	ft.

DEPTH TO TOP FROM TOP OF CASING: 44'-3"

PUMPING TEST

DATE: 8/30/78	TEST OR PERMANENT PUMP: Test
DURATION OF TEST: days 4 hours	MAXIMUM DISCHARGE: 240 gallons per min.
STATIC LEVEL PRIOR TO TEST: 3' ft. 0" in. below top of casing	LEVEL DURING MAXIMUM PUMPING: 10' ft. 0" in. below top of casing
MAXIMUM DRAWDOWN: 7' ft.	Approximate time of return to normal level after cessation of pumping: hrs. — min.

PUMP INSTALLED

TYPE	MAKE: None	MODEL NO.
MOTIVE POWER	MAKE	H.P.
CAPACITY: g.p.m. against		ft. of discharge head
NUMBER BOWLS OR STAGES		ft. of total head

DROP LINE	SUCTION LINE
DIAMETER: in.	DIAMETER: in.
LENGTH: ft.	LENGTH: ft.
METHOD OF DRILLING: ☐ rotary ☒ cable tool ☐ other	USE OF WATER: Fire Well Pumper
WORK STARTED: 8/28/78	COMPLETED: 8/30/78
DATE: 9/[illegible]/78	DRILLER: Strata Well Corp. LICENSE NO.: 1000

* LOG

Ground Surface

Bl. _____ ft. above sea

▲ _____ ft.

TOP OF WELL

0-1'	Loam & Stones
1-21'	Fi Br. Sandy Clay, Grits & Gravel
21'-65'	Fi-med Br. Sand, Grit, Gravel & Stones

RECEIVED

SEP 18 1978

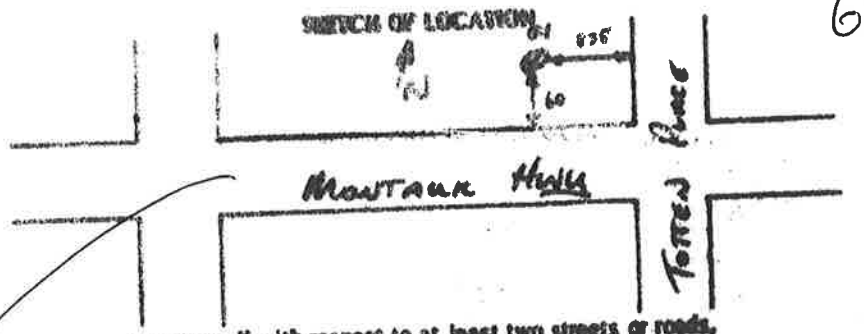
N.Y.S.D.E.C.

ENVIRONMENTAL ANALYSIS UNIT

*NOTE: Show log of well - materials encountered, with depth below ground surface, water bearing beds and water levels in each, casings, screens, pump, additional pumping tests and other matters of interest. Describe repair job. See instructions as to Well Drillers' Licenses and Reports. Pages 5 - 7.

ORIGINAL – Environmental Conservation Copy

15 65403



Locate well with respect to at least two streets or roads, showing distance from corner and front of lot.
Show North Point

Check the Town in which the project is located:

Nassau County:
- ☐ Hempstead
- ☐ North Hempstead
- ☐ Oyster Bay

Suffolk County:
- ☒ Babylon
- ☐ Huntington
- ☐ Shelter Island
- ☐ Southold
- ☐ Brookhaven
- ☐ Islip
- ☐ Smithtown
- ☐ East Hampton
- ☐ Riverhead
- ☐ Southampton

Townhouse on S. Country Road

Suffolk
County

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

16 S-65450
Well No.

COMPLETION REPORT – LONG ISLAND WELL

OWNER	Town of Babylon
ADDRESS	200 E Sunrise Hwy, Lindenhurst, N.Y.
LOCATION OF WELL	Totten Pl. Municipal Parking Lot, Babylon
DEPTH OF WELL BELOW SURFACE	63'-0" ft.
DEPTH TO GROUND WATER FROM SURFACE	5'-0" ft.

CASINGS

DIAMETER	6" in.	in.	in.	in.
LENGTH	43'-4" ft.	ft.	ft.	ft.

SEALING	None
CASINGS REMOVED	None

SCREENS

MAKE	Cook 304 SS		OPENINGS	#25 Slot
DIAMETER	6" in.	None in.	in.	in.
LENGTH	20'-8" ft.	ft.	ft.	ft.

DEPTH TO TOP FROM TOP OF CASING: 42'-4"

PUMPING TEST

DATE	9/11/78	TEST OR PERMANENT PUMP?	Test
DURATION OF TEST	days 4 hours	MAXIMUM DISCHARGE	200 gallons per min.
STATIC LEVEL PRIOR TO TEST	5' ft. 0" in. below top of casing	LEVEL DURING MAXIMUM PUMPING	12' ft. 0" in. below top of casing
MAXIMUM DRAWDOWN	7' ft.	Approximate time of return to normal level after cessation of pumping	hrs. — min.

PUMP INSTALLED

TYPE	MAKE None	MODEL NO.
MOTIVE POWER	MAKE	H.P.
CAPACITY	g.p.m. against	ft. of discharge head
NUMBER BOWLS OR STAGES		ft. of total head

DROP LINE		SUCTION LINE	
DIAMETER	in.	DIAMETER	in.
LENGTH	ft.	LENGTH	ft.

METHOD OF DRILLING	☐ rotary ☒ cable tool ☐ other
USE OF WATER	Fire Well Pumper
WORK STARTED	9/5/78
COMPLETED	9/11/78
DATE	9/14/78
DRILLER	Strata Well Corp
LICENSE NO.	1000

* LOG

Ground Surface
El. _____ ft. above sea
A/V _____ ft.

TOP OF WELL

0-1'	Loam, Stones
1-21'	Fi-Med Br Sandy Clay
21-65	Med Br. SD, Grit Gravel, Stones

RECEIVED
[illegible] 1978
N.Y.S.D.E.C.
ENVIRONMENTAL ANALYSIS UNIT

*NOTE: Show log of well - materials encountered, with depth below ground surface, water bearing beds and water levels in each, casings, screens, pump, additional pumping tests and other matters of interest. Describe repair job. See Instructions as to Well Drillers' Licenses and Reports, Pages 5 - 7.

ORIGINAL – Environmental Conservation Copy

State of New York
Department of Conservation
Division of Water Power and Control
COMPLETION REPORT—LONG ISLAND WELLS
Well Points up to 3 inches only

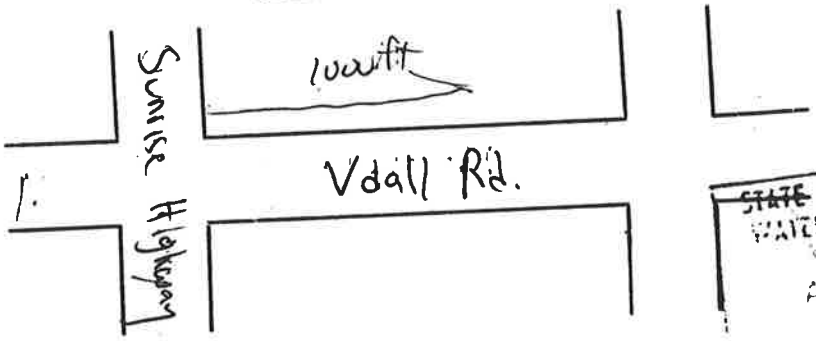
County

Well No. 5-12481
(on preliminary report)

Owner: Mike Turauski
Address: West Islip
Location of well: West Islip
Depth of well, below surface: 33 - 33 - ft. Dept to water: 12 - ft.
Point: Make: Openings:
Diameter: 3-" in. Length: 6 ft ft.

PUMP INSTALLED:
Type: Make: Model No.:
Motive power: Gas Make: By Plumbers H.P.:
Capacity: 80 gals. per Min Use of water: Irrigation - Florist

SKETCH OF LOCATION



Show North Point

Locate well with respect to at least two streets or roads, showing distance from corner and front of lot.

STATE OF NEW YORK
WATER POWER AND
AUG 5 - 1954
CONTROL COMMISSION
RECEIVED

REMARKS: The pump is supposed to produce approx. 80 per minute

Work started: Aug '54 Completed: Aug 54
Date: Aug 54 Driller: 44

APPENDIX C

MONITORING WELLS

SUFFOLK COUNTY
DEPARTMENT OF ENVIRONMENTAL CONTROL
- FRESH WATER RESOURCES -

WATER LEVEL MEASUREMENTS (FIELD)

HAGSTROM COORD. 5 0/6

OWNER SCDEC -

WELL NO. 564188 8

LOCATION W side of Milligan ~~[illegible]~~ 440' S of Butler St, House #760 West Islip.

DESC. OF MEASURING POINT Top of 2" PVC

ELEV. OF M.P. 18.86

ELEV. OF L.S.

DATE	HOUR	TAPE READINGS MEAS. POINT HELD	TAPE READINGS INDICATED WATER LEVEL	DEPTH TO WATER	TAPE READINGS MEAS POINT HELD	TAPE READINGS INDICATED WATER LEVEL	DEPTH TO WATER	ELEV. OF WATER SURFACE	MEAS. BY	REMARKS-NOTES
5-3-78		9.00	2.84	6.16	10.00	3.84	6.16	12.70	Slay	New Well
5-6-78		27.00	21.60	6.00	28.00	22.00	6.00	1286	JVB	
5-31-78		6.00	0.83	5.17	7.00	1.83	5.17	1369	JVB	
6-28-78		27.00	20.70	6.30	28.00	21.70	6.30	1256	JVB	
7-31-78		27.00	20.41	6.59	28.00	21.41	6.59	1227	JVB	
8-22-78		28.00	21.60	6.40	29.	22.60	6.40	1246	CB	
9-26-78		28	21.10	6.90	29	22.10	6.90	1196	CB	
10-27-78		28.00	21.01	6.99	29.00	22.01	6.99	1187	JVB	
11-20	8:50	9	1.81	7.19	10	2.81	7.19	1167	SH	
12-28	11:45	9	3.61	5.39	10	4.61	5.39	1347	SH	
1-29-79	12:00	9	4.78	4.22	10	5.78	4.22	1464	SH	
3-19-79		7	2.28	4.72	8	3.28	4.72	14.14	SH	
4-17-79	11:00	7	1.47	5.53	8	2.47	5.53	13.33	SH	
10-1-79		156	149.5	6.5	157	150.5	6.5	12.36	FI	

CYCLE 8305

YS WELL NO. (NAME X(8)) (S- 64188

ALPHANUM. LOCAL ID (NON-KEY NAME X(15))

NUMERIC LOCAL ID (NON-KEY DECIMAL NUMBER 9(7).99)

4* LATITUDE (NAME X(6)) 404222

5* LONGITUDE (NAME X(7)) 731743

SITE SEQ. NO. (NON-KEY INTEGER NUMBER 9(5))

7* TOWNSHIP (NAME X(20)) Riverhead, Southold, Brookhaven, Southampton, E.Hampton

8* COMMUNITY (NAME X(20)) West Islip

LOCATION DETAILS (NON-KEY TEXT X(50)) W side of Milligan 440' S of Butler

0 OWNER (NAME X(30)) SCDHS

1* ADDRESS OF OWNER (NON-KEY TEXT X(30)) 225 Rabro Drive East, Hauppauge

2 REMARKS WELL (NON-KEY TEXT X(75)) land use well

3 AQUIFER SCREENED (NAME X(15)) Upper glacial Magothy

4* LITHOLOGY SCREENED (NON-KEY NAME X(20))

5 DESC. OF M.P. (NON-KEY TEXT X(30)) top of 2" casing

6* ELEV. OF M.P. (NON-KEY DECIMAL NUMBER 999.99) 18.86

7* ELEV. OF L.S. (NON-KEY DECIMAL NUMBER 999.99)

8* APPROX. DEPTH OF WATER (DECIMAL NUMBER 999.) 5.00

9 WELL DEPTH (NON-KEY DECIMAL NUMBER 9999.99) 18.00

0* CASING LENGTH (NON-KEY DECIMAL NUMBER 9999.99) 13.00

1* DEPTH OF SCREENED INTERVALS (NON-KEY TEXT X(15)) 13.00 - 18.00

2* SCREEN I.D. (NON-KEY TEXT X(5)) 2.00 4.00 6.00

3* CASING I.D. (DECIMAL NUMBER 99.99) 2.00 4.00 6.00

4* CASING I.D. BOTTOM (NON-KEY TEXT X(7))

5* NUM. OF CASINGS (NON-KEY INTEGER NUMBER 99)

6* SCREEN SLOT SIZE (NON-KEY INTEGER NUMBER 999) 0.016

7* CASING MATERIAL (NON-KEY NAME X(10)) PVC steel

8* INSTALLATION METHOD (NON-KEY TEXT X(10)) auger rotary

9* USE OF WELL (NON-KEY TEXT X(10)) observation test pesticide

0* HAGSTROM MAP NO. (NON-KEY TEXT X(7)) 5 - 0.6

1* TYPE OF DATA ON FILE (NON-KEY TEXT X(25))

2* WELL APPURTENANCES (NON-KEY TEXT X(25))

3* COMPLETION DATE (NON-KEY DATE) 05/03/78

4* DRILLER (NON-KEY TEXT X(15)) SCDHS

5* YIELD-GPM (NON-KEY INTEGER NUMBER 9(5))

6* DRAWDOWN FT (NON-KEY DECIMAL NUMBER 999.99)

7* HYDROGEOLOGIC ZONES (INTEGER NUMBER 9999) 1 2 3 4 5 6 7 8 9

8* AREA DUMMY 3/PINEBAR-7/WCS (INTEGER NUMBER 9999)

9* DUMMY3 (DECIMAL NUMBER 9999.99)

0* SCREEN MATERIAL (NON-KEY TEXT X(10)) PVC steel

G LAND USE

AND USE

Z

OMMENT

Suffolk County

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

S6411 88 Well No.

COMPLETION REPORT – LONG ISLAND WELL

OWNER	SCDEC
ADDRESS	65 Jetson Ln Hauppauge
LOCATION OF WELL	W Side of Milligan St. 440' S of Butler St. W Islip
DEPTH OF WELL BELOW SURFACE	18 ft.
DEPTH TO GROUND WATER FROM SURFACE	6 ft.

CASINGS

DIAMETER	2 in.	in.	in.	in.
LENGTH	13 ft.	ft.	ft.	ft.

SEALING

CASINGS REMOVED

SCREENS

MAKE	Gator		OPENINGS 10	
DIAMETER	2 in.	in.	in.	in.
LENGTH	5 ft.	ft.	ft.	ft.

DEPTH TO TOP FROM TOP OF CASING 13'

PUMPING TEST

DATE	TEST OR PERMANENT PUMP?
DURATION OF TEST days hours	MAXIMUM DISCHARGE gallons per min.
STATIC LEVEL PRIOR TO TEST ft. in. below top of casing	LEVEL DURING MAXIMUM PUMPING ft. in. below top of casing
MAXIMUM DRAWDOWN ft.	Approximate time of return to normal level after cessation of pumping hrs. min.

PUMP INSTALLED

TYPE	MAKE	MODEL NO.
MOTIVE POWER	MAKE	H.P.

CAPACITY g.p.m. against ft. of discharge head

NUMBER BOWLS OR STAGES ft. of total head

DROP LINE	SUCTION LINE
DIAMETER in.	DIAMETER in.
LENGTH ft.	LENGTH ft.

METHOD OF DRILLING ☐ rotary ☐ cable tool ☐ other Auger

USE OF WATER WL.

WORK STARTED 5-3-78 → COMPLETED

DATE	DRILLER	LICENSE NO.
	Suchanski	1481

* LOG

Ground Surface El. _____ ft. above sea

∧ / ∨ _____ ft.

TOP OF WELL

0		
1		Topsoil
		Cse Brn Snd Gvl
18		

*NOTE: Show log of well - materials encountered, with depth below ground surface, water bearing beds and water levels in each, casings, screens, pump,

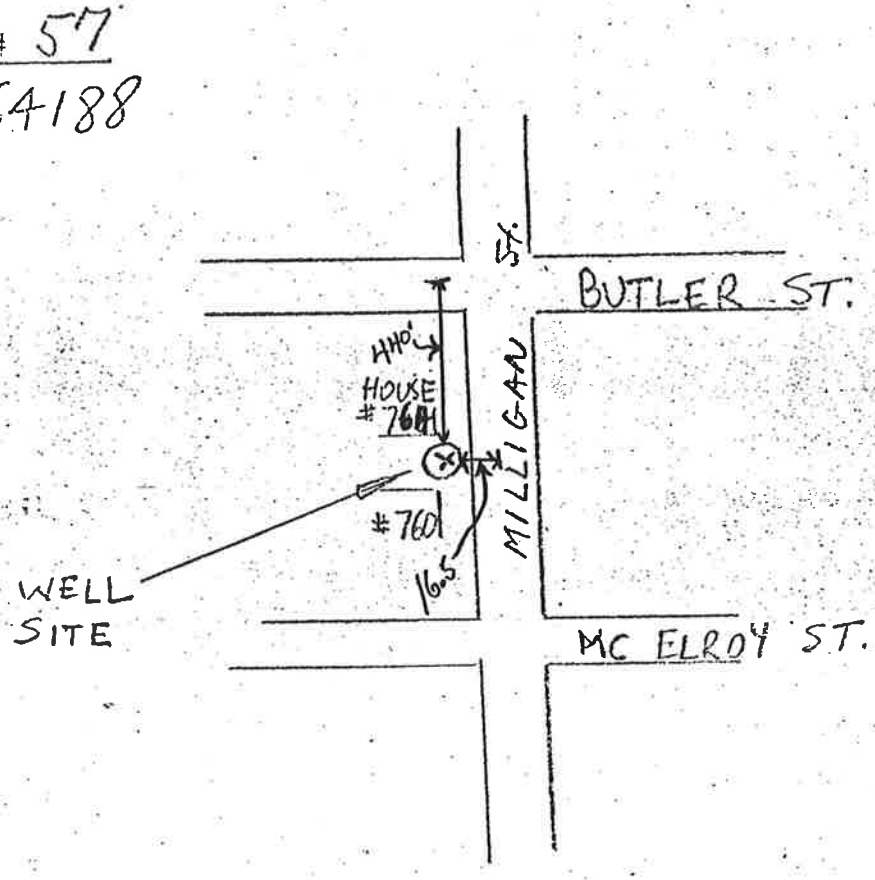
LOCATION SKETCH

1)Community West Islip 2)N.Y.S. Well # 64188
3)Township Islip 4)Lat,Long.&Seq.# 404222 - 731743
5)Owner SCDED
6)Address 65 Jetson La. Hauppauge
7)Completion Date of Well 5-3-78 8)Aquifer screened Water Table
9)Desc. of MP Top of 2" PVC
10)Elev. of MP 18.86 11)Elev. of Land Surface
12)MP (at)/above/below land surface 13)Diam. of casing 2" PVC
14)Well depth 18' 15)Screened Interval 13' to 18'
16)Type of well WL 17)Depth to water 6'
18)Use of well Water Level 19)Quadrangle name

57

Site # 57
S# 64188

Hagstrom 5 , 0/6
West Islip



This Well Between Sidewalk and curb

SUFFOLK COUNTY
DEPARTMENT OF HEALTH SERVICES
- GROUNDWATER RESOURCES SECTION -

WATER LEVEL MEASUREMENTS (FIELD) HAGSTROM COORD. 5-0,6

OWNER SCDHS WELL NO. 964535

LOCATION 107 NO Everdell Ave, .1 mi WO Alwick (1st right) @ back of Post Office

DESC. OF MEASURING POINT Top 2" ~~Steel~~ PVC Coupling

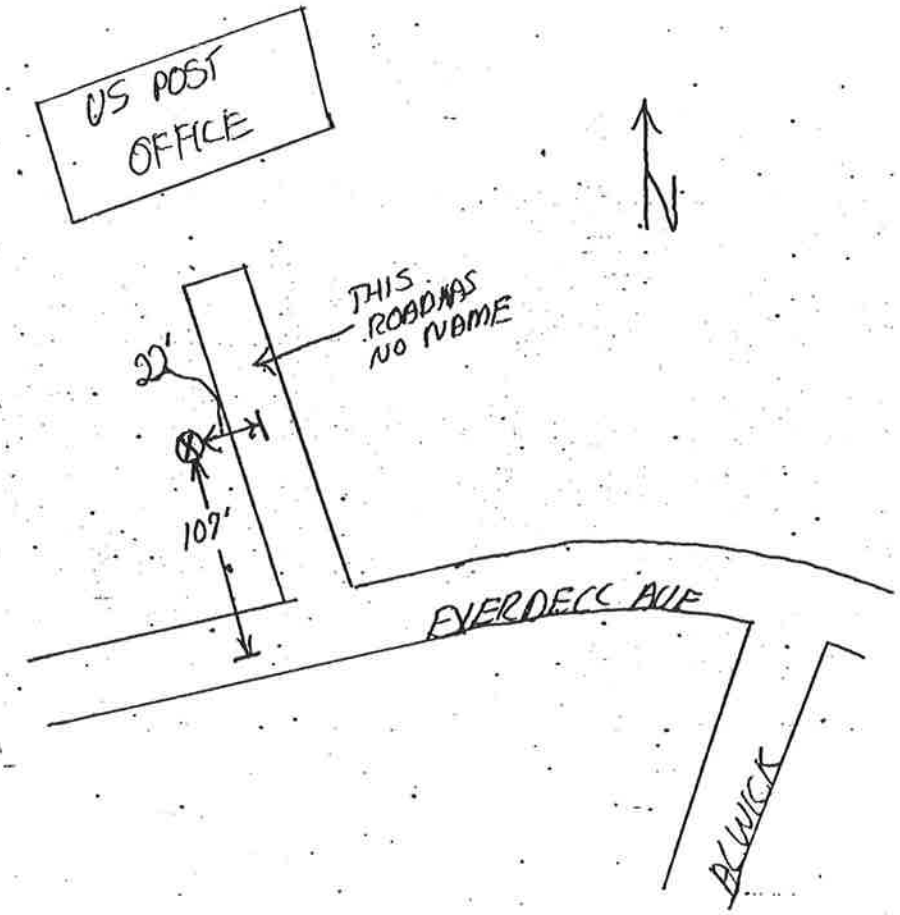
ELEV. OF M.P. 18.54 ELEV. OF L.S.

Replaced 26Oct84 Resurveyed 30 Nov 84

DATE	HOUR	TAPE READINGS MEAS. POINT HELD	TAPE READINGS INDICATED WATER LEVEL	DEPTH TO WATER	TAPE READINGS MEAS. POINT HELD	TAPE READINGS INDICATED WATER LEVEL	DEPTH TO WATER	ELEV. OF WATER SURFACE	MEAS. BY	REMARKS
12/18/84		8.0	3.12	4.88	6.0	1.12	4.88	13.66	PH	
3-13-85		7.0	2.26	4.74	6.0	1.26	4.74	13.80	J.W	
6/14/85		6.0	1.01	4.99	7.0	2.01	4.99	13.55	PH	
9/23/85		7.0	1.28	5.72	8.0	2.28	5.72	12.82	PH	
12-5-85		6.0	1.35	4.65	7.0	2.35	4.65	13.89	PH	
20 Mar 86		7	264	4.36	8	364	4.36	14.18	FEO	
17 Jun 86		7	146		8	246	5.54	13.00	FEO	
9-29-86		5.0	.31	5.69	6.0	1.31	5.69	12.85	GF	
12-12-86		5.0	.91	4.09	6.0	1.91	4.09	14.45	RP	
3-9-87		5.3	1.01	3.99	6.0	2.01	3.99	14.55	RP	
6/9/87		5	0.35	4.65	6	1.35	4.65	13.89	EC	
9/16/87		6	0.55	5.45	7	1.55	5.45	13.09	EC	
12/2/87		6	0.51	5.49	7	1.51	5.49	13.05	EC	
3/9/88				4.19			4.19	14.35	EC	
6-27-88		6	0.70	5.30	7	1.70	5.30	13.24	RP	

LOCATION SKETCH

1)Community WEST ISLIP 2)N.Y.S. Well # S64535
3)Township ISLIP 4)Lat,Long.&Seq.# [illegible]
5)Owner SCDED
6)Address 65 Jetson La. Hauppauge
7)Completion Date of Well 7-28-88 8)Aquifer screened Water Table
9)Desc. of MP Top of 2" PVC
10)Elev. of MP 18.45 11)Elev. of Land Surface
12)MP at/above/below land surface 13)Diam. of casing 2" PVC
14)Well depth 9½' 15)Screened Interval 7-9½'
16)Type of well (W)ater Level 17)Depth to water 8.5
18)Use of well (W)ater Level 19)Quadrangle name



SUFFOLK
County

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

S64535
Well No.

COMPLETION REPORT – LONG ISLAND WELL

OWNER: SCDEC	* LOG Ground Surface El. _____ ft. above sea
ADDRESS: 65 JETSON LA HAUPPAUGE	
LOCATION OF WELL: EUERDELL AVE WEST ISLIP	∧ / ∨ _____ ft.
DEPTH OF WELL BELOW SURFACE: 9½ ft.	DEPTH TO GROUND WATER FROM SURFACE: 5 ft.

CASINGS

DIAMETER	2 in.	in.	in.	in.
LENGTH	7 ft.	ft.	ft.	ft.

SEALING: 2" CAP

CASINGS REMOVED:

SCREENS

MAKE	GATOR	OPENINGS	16
DIAMETER	2 in.	in.	in.	in.
LENGTH	2½ ft.	ft.	ft.	ft.

DEPTH TO TOP FROM TOP OF CASING: 7

PUMPING TEST

DATE:

TEST OR PERMANENT PUMP?:

DURATION OF TEST: days hours

MAXIMUM DISCHARGE: gallons per min.

STATIC LEVEL PRIOR TO TEST: ft. in. below top of casing

LEVEL DURING MAXIMUM PUMPING: ft. in. below top of casing

MAXIMUM DRAWDOWN: ft.

Approximate time of return to normal level after cessation of pumping: hrs. min.

PUMP INSTALLED

TYPE	MAKE	MODEL NO.
MOTIVE POWER	MAKE	H.P.

CAPACITY: g.p.m. against ft. of discharge head

NUMBER BOWLS OR STAGES: ft. of total head

DROP LINE	SUCTION LINE
DIAMETER: in.	DIAMETER: in.
LENGTH: ft.	LENGTH: ft.

METHOD OF DRILLING: ☐ rotary ☐ cable tool ☐ other AUGER

USE OF WATER: WATER LEVEL

WORK STARTED: 7-28-78

COMPLETED: 7-28-78

DATE: 7-28-78

DRILLER: Charles A. Brown

LICENSE NO.:

0' TOP OF WELL

FINE SAND & GRAVEL

9½'

*NOTE: Show log of well - materials encountered, with depth below ground surface

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SUFFOLK
County

S64549
Well No.

COMPLETION REPORT – LONG ISLAND WELL

OWNER: SCDEC

ADDRESS: 65 JETSON LA. HAUPPAUGE

LOCATION OF WELL: RT 231 BABYLON

DEPTH OF WELL BELOW SURFACE: 15' ft.

DEPTH TO GROUND WATER FROM SURFACE: 9' ft.

CASINGS

DIAMETER	2 in.	in.	in.	in.
LENGTH	12½ ft.	ft.	ft.	ft.

SEALING: 2" PVC CAP

CASINGS REMOVED:

SCREENS

MAKE: GATOR

OPENINGS: 16

DIAMETER	2 in.	in.	in.	in.
LENGTH	2½ ft.	ft.	ft.	ft.

DEPTH TO TOP FROM TOP OF CASING: 12½

PUMPING TEST

DATE:

TEST OR PERMANENT PUMP?:

DURATION OF TEST: days hours

MAXIMUM DISCHARGE: gallons per min.

STATIC LEVEL PRIOR TO TEST: ft. in. below top of casing

LEVEL DURING MAXIMUM PUMPING: ft. in. below top of casing

MAXIMUM DRAWDOWN: ft.

Approximate time of return to normal level after cessation of pumping: hrs. min.

PUMP INSTALLED

TYPE	MAKE	MODEL NO.
MOTIVE POWER	MAKE	H.P.

CAPACITY: g.p.m. against ft. of discharge head

NUMBER BOWLS OR STAGES: ft. of total head

DROP LINE	SUCTION LINE
DIAMETER: in.	DIAMETER: in.
LENGTH: ft.	LENGTH: ft.

METHOD OF DRILLING: ☐ rotary ☐ cable tool ☐ other AUGUR

USE OF WATER: WATER LEVEL

WORK STARTED: 9-8-78

COMPLETED: 9-8-78

DATE: 9-8-78

DRILLER: Paul A. Brown

LICENSE NO.

* LOG

Ground Surface El. _____ ft. above sea

∧ _____ ft.
∨

TOP OF WELL

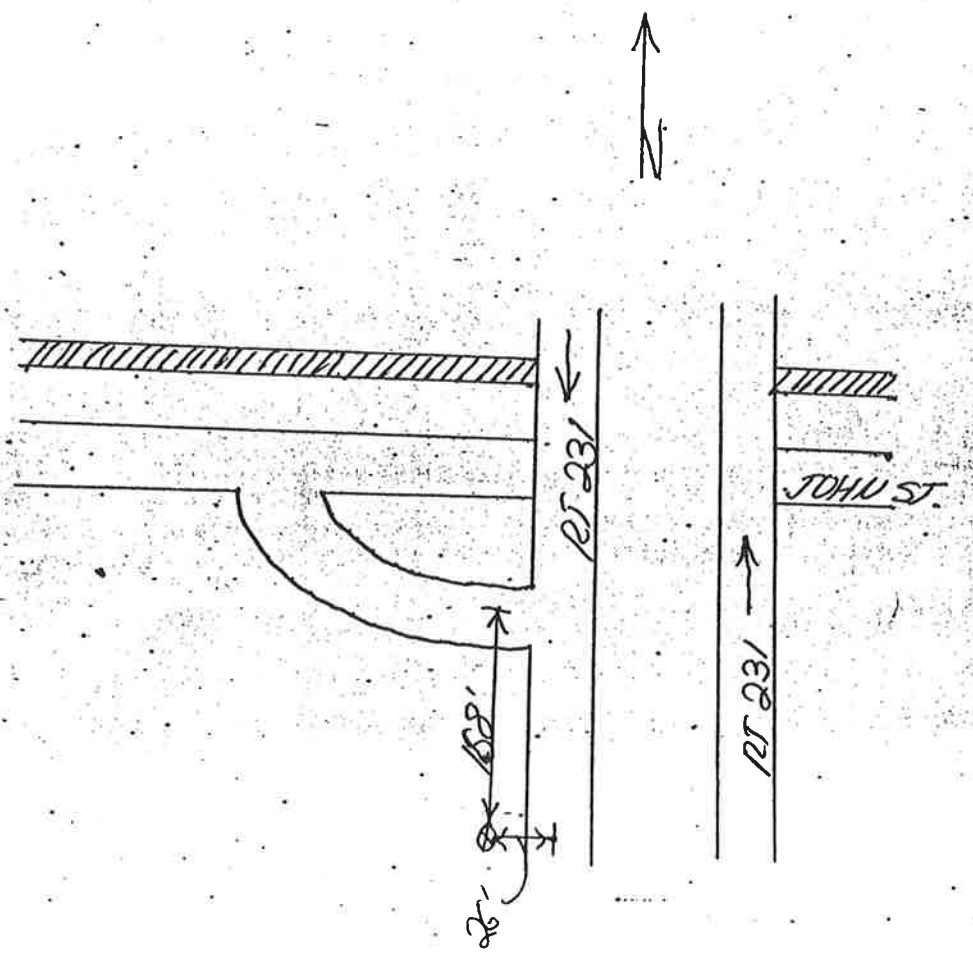
0'

SAND AND GRAVEL

15'

LOCATION SKETCH

1)Community BABYLON 2)N.Y.S. Well # S64549
3)Township BABYLON 4)Lat,Long.&Seq.# 404308 - 731855
5)Owner SCDED.
6)Address 65 Jetson La. Hauppauge
7)Completion Date of Well 9-8-78 8)Aquifer screened Water Table
9)Desc. of MP Top of 2" PVC
10)Elev. of MP 15.61 11)Elev. of Land Surface
12)MP at/above/below land surface 13)Diam. of casing 2" PVC
14)Well depth 15' 15)Screened Interval 12½' TO 15'
16)Type of well Water Level 17)Depth to water 9'
18)Use of well Water Level 19)Quadrangle name



SUFFOLK COUNTY
DEPARTMENT OF ENVIRONMENTAL CONTROL
- FRESH WATER RESOURCES -

WATER LEVEL MEASUREMENTS (FIELD) HAGSTROM COORD. 5 9/5

OWNER SCDEC WELL NO. S64549

LOCATION 168' S OF EXIT FOR JOHN ST, 26' W OF RT 231
BABYLON

DESC. OF MEASURING POINT TOP OF 2" PVC

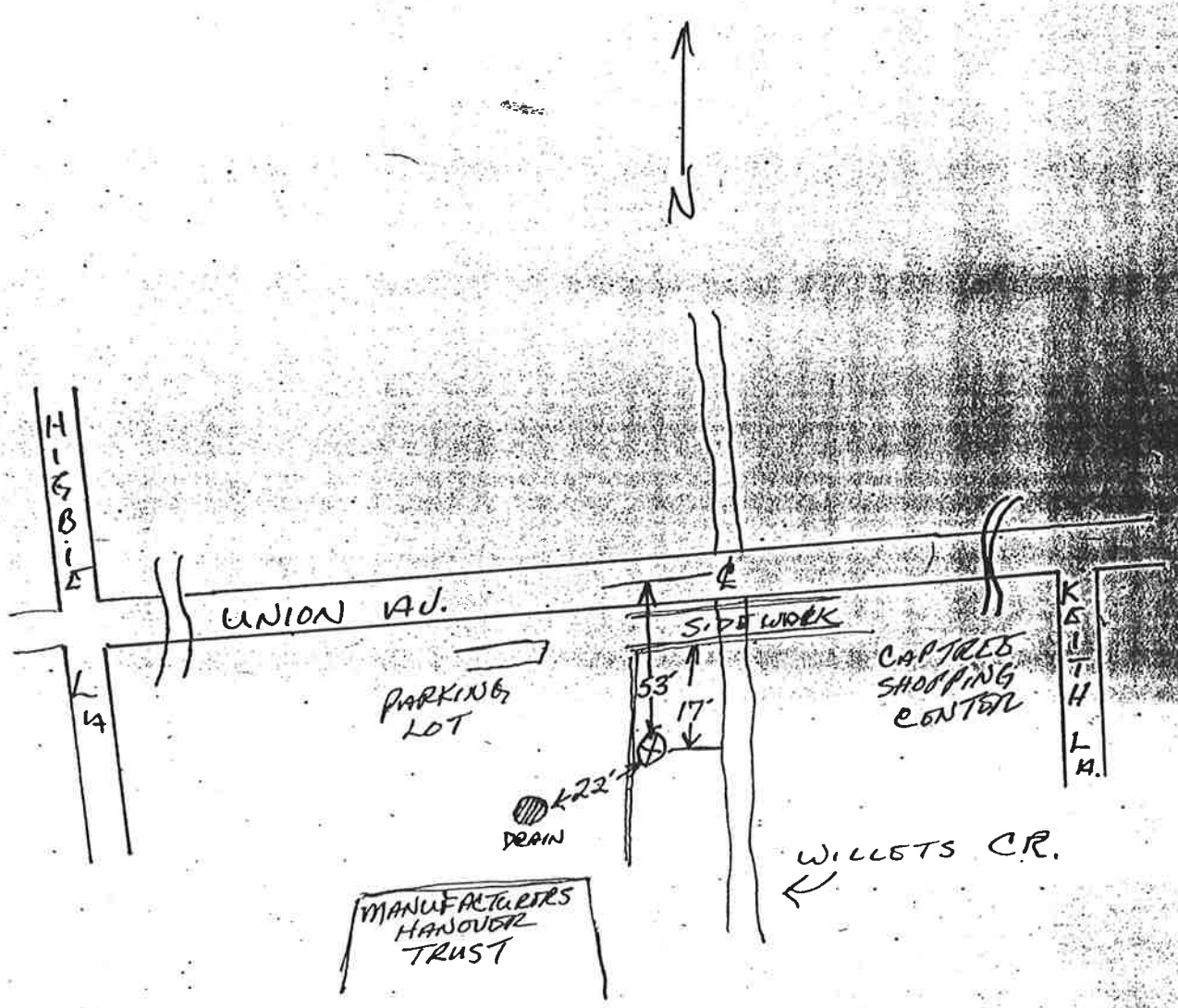
ELEV. OF M.P. 15.61 ELEV. OF L.S.

DATE	HOUR	TAPE READINGS MEAS. POINT HELD	TAPE READINGS INDICATED WATER LEVEL	DEPTH TO WATER	TAPE READINGS MEAS. POINT HELD	TAPE READINGS INDICATED WATER LEVEL	DEPTH TO WATER	ELEV. OF WATER SURFACE	MEAS. BY	REMARKS-NOTES
9-8-78		32	22.83	9.17	33	23.83	9.17	6.44	CB	NEW WELL
2-23-78	1215	10	1.78	9.22	11	1.78	9.22	6.39	WS	
1-26-78	1410	10	.64	9.36	11	1.64	9.36	6.25	WS	
2-[illegible]-78	1520	10	1.18	8.82	11	2.18	8.82	6.79	WS	
1-23-79	1430	9	.59	7.41	10	1.59	7.41	8.20	WS	
3-20-79	1500	10	1.18	8.82	11	2.18	8.82	6.79	WS	
4-26-79		10	.91	9.09	11	1.91	9.09	6.52	FI	
8-8-79		10	.84	9.16	11	1.84	9.16	6.45	FI	

LOCATION SKETCH

SITE # 15

1)Community WEST ISLIP 2)N.Y.S. Well # S 66577
3)Township ISLIP 4)Lat,Long.&Seq.# 40428 0731805
5)Owner SUFFOLK COUNTY HEALTH SERVICES
6)Address 65 TOTSON LA. HAUPPAUGE
7)Completion Date of Well 2-15-79 8)Aquifer screened WATER TABLE
9)Desc. of MP TOP OF 2" PVC PIPE IN CONCRETE BLOCK
10)Elev. of MP 11)Elev. of Land Surface
12)MP at ~~above/below~~ land surface 13)Diam. of casing 2" PVC
14)Well depth 8' 15)Screened Interval 5½ TO 8'
16)Type of well OBV 17)Depth to water 4.35
18)Use of well OBV 19)Quadrangle name



Suffolk
County

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

S66577
Well No.

COMPLETION REPORT – LONG ISLAND WELL

OWNER: Suffolk County Health Services	* LOG
ADDRESS: 65 Jetson La. Hauppauge 11	Ground Surface El. _____ ft. above sea
LOCATION OF WELL: E/S of Manufacturers Hanover Trust Parking Lot, 53' S/o ℄ of Union Av on the West Side of Willets CR	^ / v _____ ft.
DEPTH OF WELL BELOW SURFACE: 8 ft.	DEPTH TO GROUND WATER FROM SURFACE: 4.35 ft.

CASINGS

DIAMETER: 2 in.	in.	in.	in.
LENGTH: 5½ ft.	ft.	ft.	ft.
SEALING:		CASINGS REMOVED: None	

SCREENS

MAKE: Gator		OPENINGS: .016	
DIAMETER: 2 in.	in.	in.	in.
LENGTH: 2½ ft.	ft.	ft.	ft.
DEPTH TO TOP FROM TOP OF CASING:			

PUMPING TEST

DATE:		TEST OR PERMANENT PUMP?	
DURATION OF TEST: days	hours	MAXIMUM DISCHARGE: gallons per min.	
STATIC LEVEL PRIOR TO TEST: ft.	in. below top of casing	LEVEL DURING MAXIMUM PUMPING: ft.	in. below top of casing
MAXIMUM DRAWDOWN: ft.	Approximate time of return to normal level after cessation of pumping: hrs.	min.	

PUMP INSTALLED

TYPE:	MAKE:	MODEL NO.:
MOTIVE POWER:	MAKE:	H.P.:
CAPACITY: g.p.m. against	ft. of discharge head	
NUMBER BOWLS OR STAGES:	ft. of total head	

DROP LINE	SUCTION LINE
DIAMETER: in.	DIAMETER: in.
LENGTH: ft.	LENGTH: ft.
METHOD OF DRILLING: ☐ rotary ☐ cable tool ☒ other Auger	USE OF WATER:
WORK STARTED: 2-15-79	COMPLETED: 2-15-79

DATE	DRILLER	LICENSE NO.
2-15-79	S. Hansen	

TOP OF WELL

GL

Land Fill

Sand

5½

Screen

8'

*NOTE: Show log of well - materials encountered, with depth below ground surface

S.T.D. #15

SUFFOLK COUNTY
DEPARTMENT OF ENVIRONMENTAL CONTROL
- FRESH WATER RESOURCES -

WATER LEVEL MEASUREMENTS (FIELD) HAGSTROM COORD. 5-06

OWNER Suffolk County Health Services WELL NO. S 66577

LOCATION S/S of Manufacturers Hanover Parking Lot, 53' S/S of Union Ave. 22' from train in Parking Lot ISLIP

DESC. OF MEASURING POINT Top of 2" PVC

ELEV. OF M.P. 18.78 ELEV. OF L.S.

DATE	HOUR	TAPE READINGS MEAS. POINT HELD	TAPE READINGS INDICATED WATER LEVEL	DEPTH TO WATER	TAPE READINGS MEAS POINT HELD	TAPE READINGS INDICATED WATER LEVEL	DEPTH TO WATER	ELEV. OF WATER SURFACE	MEAS. BY	REMARKS-NOTES
2-15-79	2:00	5	0.65	4.35	6	1.65	4.35	14.43	SH	NEW WELL
4-17-79	10:45	6	0.70	5.30	7	1.70	5.30	13.48	SH	
10-2-79		39	33.85	5.15	40	34.85	5.15	13.63	EJ	

S. ##11 — County

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

12 — 564197 — Well No.

COMPLETION REPORT – LONG ISLAND WELL

OWNER	SCDEC
ADDRESS	65 Jetson La
LOCATION OF WELL	S. side of Southards La 203' West of Kathran CT. Babylon
DEPTH OF WELL BELOW SURFACE	15 ft.
DEPTH TO GROUND WATER FROM SURFACE	7 ft.

CASINGS

DIAMETER	2 in.	in.	in.	in.
LENGTH	10 ft.	ft.	ft.	ft.
SEALING		CASINGS REMOVED		

SCREENS

MAKE	Gator	OPENINGS	10	
DIAMETER	2 in.	in.	in.	in.
LENGTH	5 ft.	ft.	ft.	ft.
DEPTH TO TOP FROM TOP OF CASING	10 Ft.			

PUMPING TEST

DATE		TEST OR PERMANENT PUMP?	
DURATION OF TEST	days / hours	MAXIMUM DISCHARGE	gallons per min.
STATIC LEVEL PRIOR TO TEST	ft. / in. below top of casing	LEVEL DURING MAXIMUM PUMPING	ft. / in. below top of casing
MAXIMUM DRAWDOWN	ft.	Approximate time of return to normal level after cessation of pumping	hrs. / min.

PUMP INSTALLED

TYPE	MAKE	MODEL NO.
MOTIVE POWER	MAKE	H.P.
CAPACITY	g.p.m. against	ft. of discharge head
NUMBER BOWLS OR STAGES		ft. of total head

DROP LINE	SUCTION LINE
DIAMETER in.	DIAMETER in.
LENGTH ft.	LENGTH ft.
METHOD OF DRILLING ☐ rotary ☐ cable tool ☐ other Auger	USE OF WATER WL
WORK STARTED 5-10-98	COMPLETED
DATE	DRILLER Sushack
LICENSE NO. 1481	

* LOG

Ground Surface El. _____ ft. above sea

∧ / ∨ _____ ft.

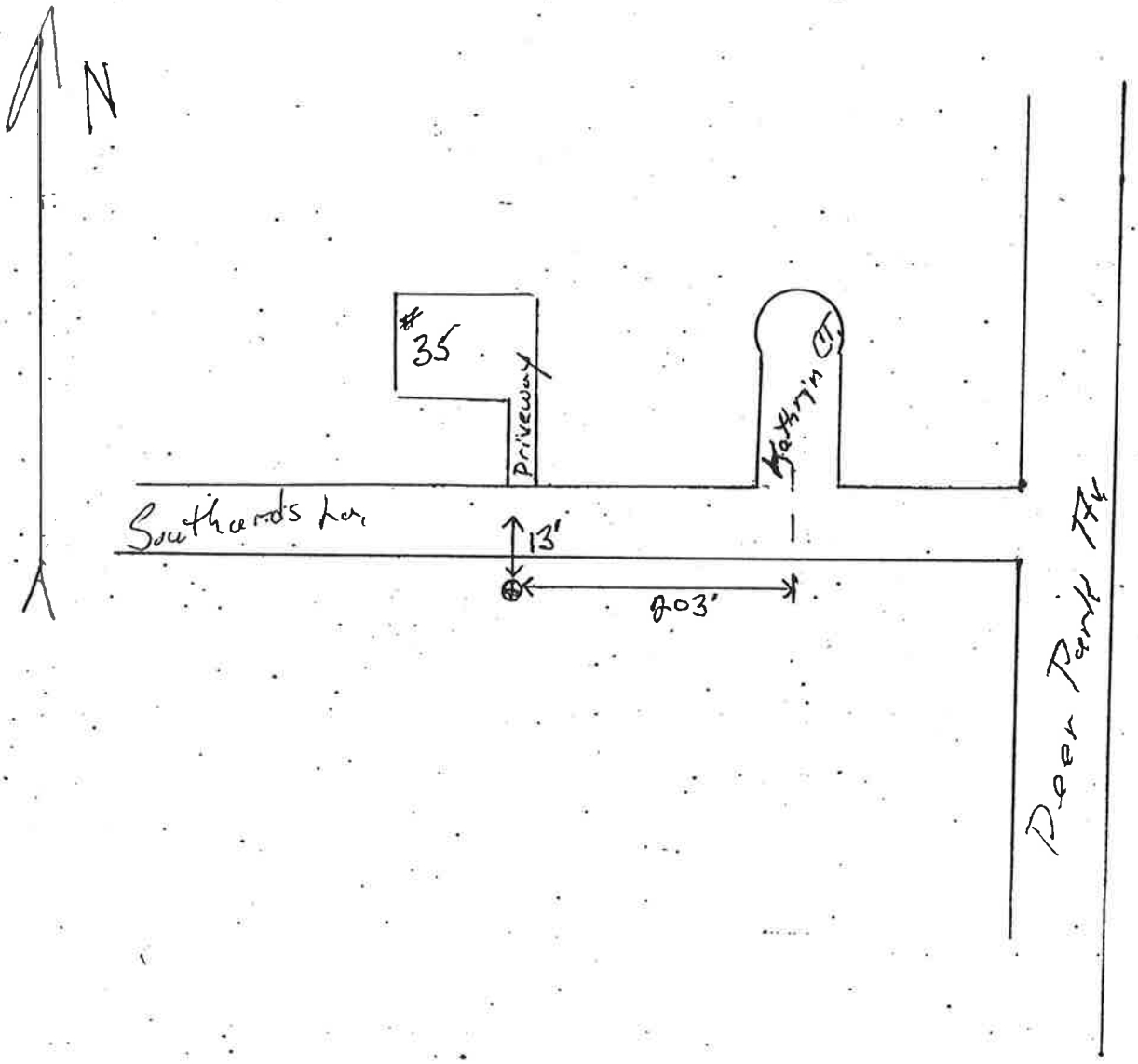
0 TOP OF WELL

1		Top Sand
		Med Brn Sand
15		

LOCATION SKETCH

1)Community Babylon 2)N.Y.S. Well # ~~S638~~ S64197
3)Township Babylon 4)Lat,Long.&Seq.# 404534 — 531984
5)Owner SCDED
6)Address 65 Jetson La. Hauppauge
7)Completion Date of Well 5-10-98 8)Aquifer screened Water Table
9)Desc. of MP Top of 2" PVC
10)Elev. of MP 19.44 11)Elev. of Land Surface
12)MP at/above/below land surface 13)Diam. of casing 2" PVC
14)Well depth 15 15)Screened Interval 10' to 15'
16)Type of well Water Level 17)Depth to water 7'
18)Use of well Water Level 19)Quadrangle name

65



SUFFOLK COUNTY
DEPARTMENT OF ENVIRONMENTAL CONTROL
- FRESH WATER RESOURCES -

WATER LEVEL MEASUREMENTS (FIELD) HAGSTROM COORD. 5 0/5

OWNER SCDEC WELL NO. S64197

LOCATION So Side Southwards Ln 203' WGL of Kuthrin Ct. Babylon

DESC. OF MEASURING POINT Top of 2" PVC.

ELEV. OF M.P. 19.44 ELEV. OF L.S.

DATE	HOUR	TAPE READINGS MEAS. POINT HELD	TAPE READINGS INDICATED WATER LEVEL	DEPTH TO WATER	TAPE READINGS MEAS. POINT HELD	TAPE READINGS INDICATED WATER LEVEL	DEPTH TO WATER	ELEV. OF WATER SURFACE	MEAS. BY	REMARKS-NOTES
5-10-78		10.00	3.20	6.80	11.00	4.20	6.80	12.64	[illegible]	New Well
5-15-78		28	21.17	6.82	29	22.17	6.82	12.62	JUB	
5/31/78	11:20	28	21.43	6.57	29	22.43	6.57	12.87	WS	
6-26-78	1135	9	1.50	7.5	10	2.50	7.5	11.94	WS	
7-25-78	1040	9	1.22	7.78	10	2.22	7.78	11.66	WS	
8-22-78	1325	9	1.56	7.44	10	2.56	7.44	12.0	WS	
9-26-78	1155	9	1.28	7.72	10	2.28	7.72	11.72	WS	
10-24-78	1235	9	1.24	7.76	10	2.24	7.76	11.68	WS	
11-21-78	1330	9	1.17	7.83	10	2.17	7.83	11.[illegible]	WS	
12-27-78	925	8	1.14	6.86	9	2.14	6.86	1[illegible]	WS	
3-20-79	1535	7	.63	6.37	8	1.63	6.37	1.30	WS	
4-16-79	1545	8	1.08	6.92	10	3.07	6.93	12.51	[illegible]	
5/23/79		8	0.69	7.31	9	1.69	7.31	12.13	FI	
8-8-79		8	0.31	7.69	9	1.31	7.69	11.75	FI	

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SUFFOLK
County

S645.34
Well No.

COMPLETION REPORT – LONG ISLAND WELL

OWNER
SCDEC

ADDRESS
65 JEFSON LA. HAUPPAUGE

LOCATION OF WELL
EDMORE LA. WEST ISLIP

DEPTH OF WELL BELOW SURFACE: 5 ft.

DEPTH TO GROUND WATER FROM SURFACE: 2 ft.

CASINGS

DIAMETER	2 in.	in.	in.	in.
LENGTH	3 ft.	ft.	ft.	ft.

SEALING: 2" CAP

CASINGS REMOVED:

SCREENS

MAKE: JOHNSON

OPENINGS: 16

DIAMETER	2 in.	in.	in.	in.
LENGTH	2 ft.	ft.	ft.	ft.

DEPTH TO TOP FROM TOP OF CASING: 3

PUMPING TEST

DATE:

TEST OR PERMANENT PUMP?:

DURATION OF TEST: days hours

MAXIMUM DISCHARGE: gallons per min.

STATIC LEVEL PRIOR TO TEST: ft. in. below top of casing

LEVEL DURING MAXIMUM PUMPING: ft. in. below top of casing

MAXIMUM DRAWDOWN: ft.

Approximate time of return to normal level after cessation of pumping: hrs. min.

PUMP INSTALLED

TYPE	MAKE	MODEL NO.
MOTIVE POWER	MAKE	H.P.

CAPACITY: g.p.m. against ft. of discharge head

NUMBER BOWLS OR STAGES: ft. of total head

DROP LINE	SUCTION LINE
DIAMETER: in.	DIAMETER: in.
LENGTH: ft.	LENGTH: ft.

METHOD OF DRILLING: ☐ rotary ☐ cable tool ☐ other AUGER

USE OF WATER: WATER LEVEL

WORK STARTED: 7-21-78

COMPLETED: 7-21-78

DATE: 7-21-78

DRILLER: Charles P. Brown

LICENSE NO.:

* LOG

Ground Surface El. _____ ft. above sea

∧ / ∨ _____ ft.

TOP OF WELL

0	SAND & GRAVEL
5'	

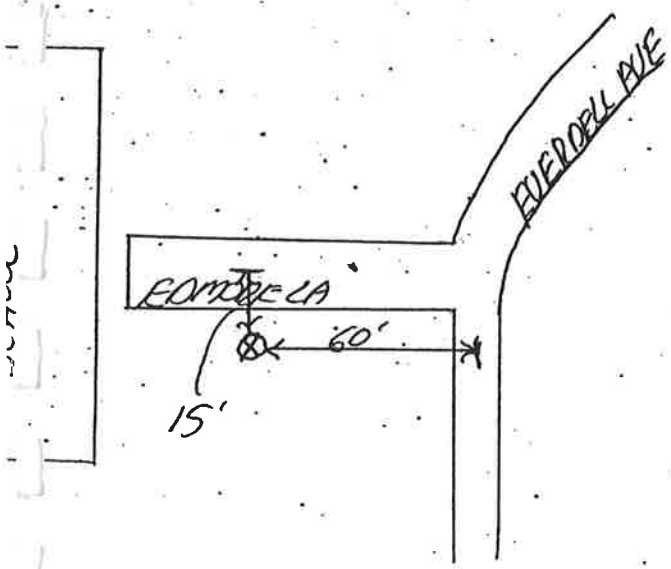
*NOTE: Show log of well - materials encountered with depth below ground surface

LOCATION SKETCH

13

1)Community WEST ISLIP 2)N.Y.S. Well # S64534
3)Township ISLIP 4)Lat,Long.&Seq.# [illegible]
5)Owner SCDED
6)Address 65 Tetson Ln. Hauppauge
7)Completion Date of Well 2-21-88 8)Aquifer screened Water Table
9)Desc. of MP Top of 2" ~~Pipe~~ STEEL PIPE
10)Elev. of MP 9.84 11)Elev. of Land Surface
12)MP at/above/below land surface 13)Diam. of casing 2" ~~Pipe~~ STEEL
14)Well depth 5 15)Screened Interval 3-5
16)Type of well (Water Level) 17)Depth to water 2'
18)Use of well (Water Level) 19)Quadrangle name

N



SUFFOLK COUNTY
DEPARTMENT OF ENVIRONMENTAL CONTROL
- FRESH WATER RESOURCES -

WATER LEVEL MEASUREMENTS (FIELD) HAGSTROM COORD. 5 %

OWNER SCDEC WELL NO. S64534

LOCATION BOHMORE CA WEST ISLIP 50' WEST OF EVERDELL AVE ON THE SOUTH SIDE

DESC. OF MEASURING POINT TOP OF 2" STEEL PIPE

ELEV. OF M.P. 9.84 ELEV. OF L.S.

DATE	HOUR	TAPE READINGS MEAS. POINT HELD	TAPE READINGS INDICATED WATER LEVEL	DEPTH TO WATER	TAPE READINGS MEAS. POINT HELD	TAPE READINGS INDICATED WATER LEVEL	DEPTH TO WATER	ELEV. OF WATER SURFACE	MEAS. BY	REMARKS-NOTES
7-21-78		23	21	2	24	22	2	784	CJ	
~~8-20-78~~		~~23~~	~~20.78~~		~~24~~	~~21.78~~			—	
8-22-78		24	21.84	2.16	24.50	22.34	2.16	768	CJ	
9-25-78		24	21.62	2.38	24.50	22.12	2.38	746	CJ	
10-20-78		24	21.65	2.35	24.50	22.15	2.35	749	JVB	
11-22	2:40	3	0.50	2.50	4	1.50	2.50	734	SH	
12-27	12:45	3	1.23	1.77	4	2.23	1.77	807	SH	
1-29-79	11:45	3	1.59	1.41	4	2.59	1.41	843	SH	
3-13-79		2	0.30	1.70	3	1.30	1.70	8.14	SH	
4-17-79	1020	3	1.00	2.00	4	2.00	2.00	7.84	SH	
10-2-79	CAN'T open To Right									

Suffolk
County

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SITE #16

5-66578
Well No.

COMPLETION REPORT – LONG ISLAND WELL

OWNER: Suffolk County Health Services	* LOG
ADDRESS: 65 Jetson La, Hauppauge	Ground Surface El. _____ ft. above sea
LOCATION OF WELL: S/S of Ivy Ct, 253' E/o Barberry Rd, 17' from ℄, West Islip	∧ / V _____ ft.
DEPTH OF WELL BELOW SURFACE: 7.80 ft.	DEPTH TO GROUND WATER FROM SURFACE: 3.90 ft.

CASINGS

DIAMETER: 2 in.	in.	in.	in.
LENGTH: 5.30 ft.	ft.	ft.	ft.
SEALING:		CASINGS REMOVED: None	

SCREENS

MAKE: Gator		OPENINGS: .016	
DIAMETER: 2 in.	in.	in.	in.
LENGTH: 2½ ft.	ft.	ft.	ft.
DEPTH TO TOP FROM TOP OF CASING: 5.30'			

PUMPING TEST

DATE: 3-8-79		TEST OR PERMANENT PUMP? Test	
DURATION OF TEST: days	½ hours	MAXIMUM DISCHARGE: 5 gallons per min.	
STATIC LEVEL PRIOR TO TEST: ft.	in. below top of casing	LEVEL DURING MAXIMUM PUMPING: ft.	in. below top of casing
MAXIMUM DRAWDOWN: ft.	Approximate time of return to normal level after cessation of pumping: hrs.	min.	

PUMP INSTALLED

TYPE	MAKE	MODEL NO.
MOTIVE POWER	MAKE	H.P.
CAPACITY: g.p.m. against	ft. of discharge head	
NUMBER BOWLS OR STAGES	ft. of total head	

DROP LINE	SUCTION LINE
DIAMETER: in.	DIAMETER: in.
LENGTH: ft.	LENGTH: ft.
METHOD OF DRILLING: ☐ rotary ☐ cable tool ☒ other Auger	USE OF WATER
WORK STARTED: 3-8-79	COMPLETED: 3-8-79

DATE	DRILLER	LICENSE NO.
3-8-79	S. Hanson	N/A

TOP OF WELL

GL

Top Soil

Sand

Peat

Light Sand

5.30'

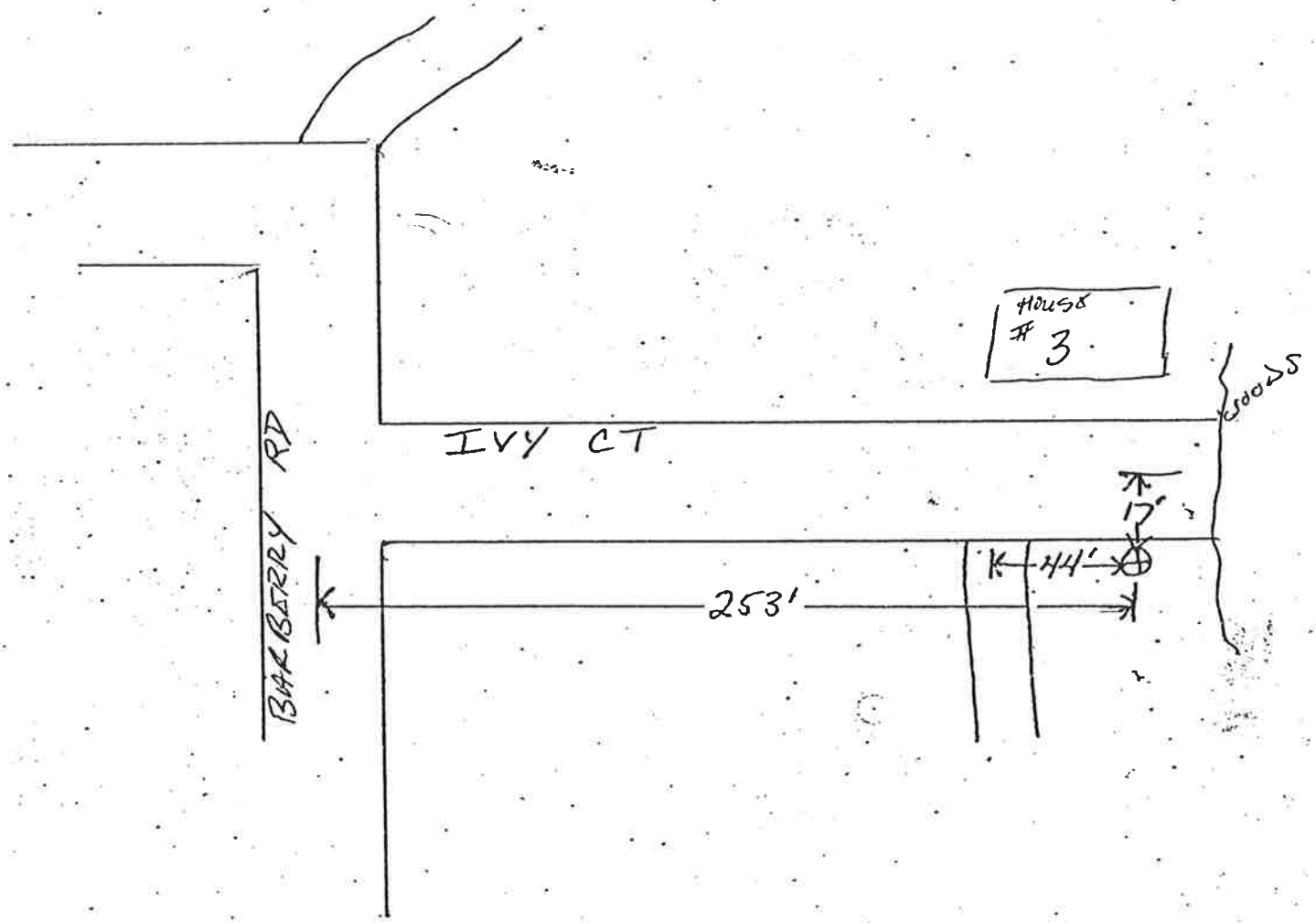
Screen

7.80'

*NOTE: Show log of well - materials encountered with depth below ground surface

LOCATION SKETCH 14 SITE # 16

1)Community WEST ISLIP 2)N.Y.S. Well # S-66578
3)Township ISLIP 4)Lat,Long.&Seq.#
5)Owner SUFFOLK COUNTY HEALTH SERVICES
6)Address 65 JETSON LA. HAUPPAUGE
7)Completion Date of Well 3 - 8 -79 8)Aquifer screened WATER TABLE
9)Desc. of MP TOP OF 2" PVC PIPE IN CONCRETE BLOCK
10)Elev. of MP 11)Elev. of Land Surface
12)MP at/~~above/below~~ land surface 13)Diam. of casing 2" PVC
14)Well depth 7.80' 15)Screened Interval 5.36 TO 7.80'
16)Type of well OBV 17)Depth to water 4'
18)Use of well OBV 19)Quadrangle name



SUFFOLK COUNTY
DEPARTMENT OF HEALTH SERVICES
- GROUNDWATER RESOURCES SECTION -

WATER LEVEL MEASUREMENTS (FIELD)

HAGSTROM COORD. 5-0,6

OWNER SCDEC

WELL NO. 66578

LOCATION S/S Ivy Ct, 253' EO Barberry Rd, 44 EO Driveway, 17 from ℄ Rd

DESC. OF MEASURING POINT Top 2" PVC

ELEV. OF M.P. 9.96

ELEV. OF L.S.

DATE	HOUR	TAPE READINGS MEAS. POINT HELD	TAPE READINGS INDICATED WATER LEVEL	DEPTH TO WATER	TAPE READINGS MEAS. POINT HELD	TAPE READINGS INDICATED WATER LEVEL	DEPTH TO WATER	ELEV. OF WATER SURFACE	MEAS. BY	REMARKS
				5						
9/26/84		6.0	1.33	4.67	5.0	0.33	4.67	5.29	PH	
12-14/84		6.0	1.55	4.45	5.0	.55	4.45	5.51	PH	
3-13-85		6.0	1.51	4.49	7.0	2.51	4.49	5.47	J.W	
6/14/85		6.0	1.48	4.52	7.0	2.48	4.52	5.44	PH	
9/23/85		6.0	1.25	4.75	7.0	2.25	4.75	5.21	PH	
12-5-85		6.0	1.52	4.48	7.0	2.52	4.48	5.48	YH	
20 Mar 86		6	151	4.49	7	251	4.49	5.47	[illegible]	
[illegible] 86		6	124		7	224	4.76	5.20	[illegible]	
9-24-86		5.0	.31	4.69	6.0	1.31	4.69	5.27	GP	
12-12-86		5.0	.68	4.32	6.0	1.68	4.32	5.64	RP	
3-6-87		5.0	0.66	4.34	6.0	1.66	4.34	5.62	RP	
6/9/87		5	0.41	4.59	6	1.41	4.59	5.37	RL	
9/16/87		6	1.34	4.66	7	2.34	4.66	5.30	GP	
12/2/87		5	0.36	4.64	6	1.36	4.64	5.32	GP	

APPENDIX D

SURVEY CONTACTS

Dzus Fastener Co., Inc.
Area Well Contacts

Paul George
NYSDEC
Building 40
SUNY Stony Brook 11790
(516) 751-7725

Sy Robbins
SCDHS
225 Rabro Drive East
Hauppauge, NY 11788
(516) 853-3196

Ron Busciolano
USGS
(516) 938-8830

Jeff Lacetti
NYSDOH
(518) 458-6306

Robert Johnson
Good Samaritan Hospital
Rt. 27A
West Islip, NY
(516) 661-3000

David Kjeldsen
33 Magoun Road
West Islip, NY
(516) 957-7200

APPENDIX E

POTABLE WELL QUESTIONNAIRE

POTABLE WELL INVESTIGATION
PRESAMPLING QUESTIONNAIRE

DATE CONTACTED: _____

INTERVIEWER: _____

PERSON INTERVIEWED: _____

PART A - SITE IDENTIFICATION

1. Property Address: _____

   _____

2. Block & Lot No.: _____

3. Resident's Name: _____

4. Owner's Name: _____

   and Address: _____

   (if different): _____

5. Telephone No.

   a. Resident: _____

   b. Owner (if different): _____

PART B - INFORMATION ABOUT WATER SOURCE

1. How many wells do you have?: _____

2. Uses of water (drinking, bathing, household uses, lawn sprinkling?):

   _____

   _____

3. If you do not use your well for drinking, when was the last time so used? Why is it no longer used? _____

   _____

   _____

(If well drillers' logs and notes are available, omit item numbers 4 through 10 from telephone questions).

4. Date well drilled: _____

5. Driller's name: _____

   Address: _____

6. Method of drilling: _____

7. Depth of well(s): _____ ft. _____ ft.

8. Diameter of well(s): _____

9. Construction material of well(s): _____

10. Depth and length of well screen(s): _____ ft. _____ ft.

11. Distance from well to house: _____ ft. _____ ft.

12. Do you have water treatment appliances?: _____ Yes _____ No

    If yes, where are appliances located and what type are they?

    _____

    _____

    _____

PART C - INFORMATION ABOUT WASTEWATER DISPOSAL

1. What type of wastewater disposal system do you have?

   Septic tank and seepage pits _____ Cesspool _____

   Septic tank and tile fields _____ Other _____

2. How old is system? _____

3. How often is system pumped? _____

4. How often has system been repaired? _____

5. What, if any, problems have occurred with system? _____

_____

_____

6. a. Distance of system from house: _____ ft.

   b. Distance of system from well: _____ ft.

PART D - SAMPLING DATE

1. Date scheduled for sampling: _____

2. Time: _____

3. Person to see: _____