LEGGETTE, BRASHEARS & GRAHAM, INC. PROFESSIONAL GROUND-WATER CONSULTANTS



DRAFT REMEDIAL INVESTIGATION REPORT VOLUME III

ROWE INDUSTRIES GROUND-WATER CONTAMINATION SITE

SAG HARBOR, NEW YORK

MAY 1990 (REVISED FEBRUARY 1992)

CONNECTICUT

ST. PAUL MINNESOTA

MIDLAND PARK NEW JERSEY TAMPA FLORIDA FISHKILL NEW YORK ALBUQUERQUE NEW MEXICO

EXTON PENNSYLVANIA SOUTH DAKOTA

NASHUA NEW HAMPSHIRE

APPENDIK I

Former Rowe Employee Deposition

In re Groundwater Contamination at Former Rowe Industries Site.

STATE OF NEW YORK)

COUNTY OF SUFFOLK)

-1-

ANTHONY FABIANO, being duly sworn, deposes and states:

- 1. I presently reside at P.O. Box 272 Sag Harbor
 Turnpike, Sag Harbor, New York. My home is approximately 100
 yards from the property formerly owned by Rowe Industries on Sag
 Harbor Turnpike, Sag Harbor, New York. I have lived at this
 location for the past 30 years. I submit this affidavit based on
 my ten-year employment at Rowe Industries and my personal
 knowledge of the property currently occupied by Sag Harbor
 Industries and the waste disposal practices at the site.
- 2. I was employed as a supervisor in the Research and Development Section of Rowe Industries, Inc. during the period of 1966-1976. Although Rowe Industries was purchased by Aurora Industries which was later purchased by Nabisco Brands, the business was always run under the name Rowe Industries. During that period of time, Rowe Industries maintained a manufacturing facility at the location.
- 3. During my employ, Rowe Industries was engaged in the manufacture and distribution of D/C motors and other types of miniature motors and transformers. The company regularly

employed about 300 people. The company made use of large press and laminating machines in the manufacturing process.

- 4. About 25 years ago, Rowe Industries built a twostory building on the property on Sag Harbor Turnpike for the purpose of manufacturing small motors and transformers.
- 5. In about 1964, the building built by Rowe Industries was consumed by a catastrophic fire. The building was a total loss. The shell of the building was demolished by Joseph Labrozzi Company.
- 6. During the raizing of the property, approximately 40-50 drums of chemicals were bulldozed and buried beneath what is now the east parking lot. Some of these drums had exploded because of the heat of the fire and others were buried intact. After the fire, the building was reconstructed and operations resumed at the same location.
- 7. During my employ at Rowe Industries, millions of motors and transformers were manufactured, degreased and washed in the tanks. We used approximately twelve presses each of which produced approximately 600 laminations per minute. Each lamination had to be degreased and washed. The method of degreasing and cleansing the parts did not change while I worked there.
- 8. As a regular part of the manufacturing process,
 Rowe Industries maintained two large vats for the washing of the

motor parts. One large vat contained various solvents used to remove the grease on the machine parts. The other large vat contained detergents which were also used to cleanse the laminations of the armature of the motor parts during the manufacturing process.

- 9. I do not recall the exact trade names of the chemicals used, but I do remember that the company used a variety of solvents, degreasers, and heavy detergents. We used acetones, trichlorethane and biathane, among others.
- process. First, the parts would be submerged and shaken in the vat containing the solvents. The parts would then be transferred to the detergent vat for additional cleaning. A single pipe led from the detergent vat and a single pipe led from the solvent vat. These two pipes were joined to a larger pipe that led to the open field and cesspool behind the building.
- li. After the solvent and detergent in the tanks had become dirty and useless through successive washes, a valve was opened on the bottom of each holding tank. This valve permitted the release of the solvents and detergents through the connecting pipes into the open field. The sludge residues in these vats were scraped out and disposed of as regular garbage.
- 12. To the best of my knowledge, Rowe Industries never had the solvents and detergents removed or discarded from the

property or placed into any containers. Rather, the method used by the company for the disposal of these wastes was the draining of the large vats in the open field in the back of the building about 75-100 feet away.

- Department of Health determined that a cesspool had to be built to accommodate these materials. Nabisco had a cesspool constructed in the area of the pond behind the building. To my knowledge, there was never any discussion about the possibility that this manner of disposal would cause contamination.
- overflow. I believe the cesspool backed up because of the level of the water table in the area. I personally noticed that the soil around the pond and cesspool became discolored. My son, who had occassionly fished in the pond, told me that the pond became lifeless sometime in the mid 1970's.
- 15. I recall that people from OSHA made visits to the company and inspected the premises. To my knowledge, there was never any discussion relating to the need to change the way the company disposed of the solvent and detergents.
- 16. In about 1976, Nabisco (Rowe Industries) relocated the operation to Mexico and closed the building in Sag Harbor. I did not go to Mexico with the company. However, I was in charge

of keeping an eye on the building in Sag Harbor during the time it was vacant.

- 17. At various times, I reported to Nabisco on the condition of the premises and the need for repairs. The building was vacant for 7-8 years prior to being purchased by Sag Harbor Industries. During the vacancy of the building, Nabisco did not provide any funds for the upkeep of the property.
- 18. During the 1970s, I began to notice some problems with my drinking water. At first, I thought it was the result of decaying vegetation seeping into the wells. I took samples of my water to Brookhaven National Laboratories to find out what was wrong with it. The Laboratory only tested the water for bacteria and reported to me that my water was fine.
- 19. The Suffolk County Health Department was later called in to test the well water after a neighbor complained about the death of a dog.
- 20. I have known of Paul Scheerer, President of Sag Harbor Industries, for many years. I never discussed with him the activities of Rowe Industries regarding the solvents or detergents prior to the purchase of the property by Sag Harbor Industries.

Sworn to before me this 2000 day of May 1986

Notary Public

-100

JERLEAN A. HIDDED**

Notary Public, State of No. York

No. 52-43-85/61

Ouelfiled in Sulfolk County

Commission Expires March St. 1992

APPENDIX II
1984 SCDHS Report

NOYACK INVESTIGATION REPORT

SUFFOLK COUNTY DEPARTMENT OF HEALTH SERVICES

DAVID HARRIS, M.D., M.P.H. COMMISSIONER

ALDO ANDREOLI, P.E. DIRECTOR, DIVISION OF ENVIRONMENTAL HEALTH

PREPARED BY:

GROUNDWATER RESOURCES AND RECLAMATION SECTION

DECEMBER, 1984

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NOYACK INVESTIGATION REPORT

I. Summary

From March to October 1984, the Groundwater Resources and Reclamation Section, Suffolk County Department of Health Services (SCDHS), defined a plume of contaminated groundwater in the residential area of Noyack near the Village of Sag Harbor. The plume, originating at an industrial property located east of Sag Harbor Turnpike, contains high concentrations of trichloroethane, trichloroethylene, tetrachloroethylene, and dichloroethylene. The contamination extends from its point of origin northwest approximately 1/2 mile to a discharge boundary along Sag Harbor Cove. The plume width is approximately 500 feet.

Forty-six homes in the area were sampled as part of the Department of Health Services' residential well sampling program. Fourteen of these wells, located within the contaminated plume of groundwater, were found to have water which exceeded recommended New York State Department of Health (NYSDOH) guidelines.

Because of the acute nature of the drinking water supply problem for this affected community, the Supervisor of Southampton Town and the Commissioner of the Suffolk County Department of Health Services immediately sought to have public water extended to these residences, and requested assistance from the U.S. Environmental Protection Agency (EPA) under the provisions of the Comprehensive Environmental and Liability Act (Superfund) to arrange, organize, and fund the extension of a potable public water supply.

During this time, additional well drilling and monitoring was being performed to pinpoint the plume origin. This supplemental on-site investigation located a buried source of contamination approximately 350 feet east of Sag Harbor Turnpike, determined to have been caused by industrial operations and disposal which occurred during the 1970s.

The announcement of the availability of federal Superfund monies for Noyack in December 1984 insured that public water would be provided and that the chemical contamination of the industrial site would be addressed by EPA or their contractors. The Department of Health Services and the EPA have worked together closely to speed delivery of the new water supply to the affected homes. The initiation of administrative mechanisms for on-site cleanup and groundwater reclamation has also been undertaken by the two agencies.

II. Introduction

Water quality results from a private residential well on Noyack Road, sampled by the Department of Health Services in June 1983, revealed high levels of organic chemicals. The magnitude and the types of constituents detected indicated the presence of industrial degreasing chemicals. The absence of an immediate nearby source, however, led to a strategy of well sampling of neighboring residences and an area inspection by the Hazardous Wastes Management Section of the Department of Health Services to inventory possible sources.

Supplemental residential well sampling indicated other homes exceeding groundwater quidelines for several organic constituents, and further hydrological field work was initiated by the Groundwater Resources and Reclamation Section to determine the rate and direction of groundwater flow, and to delineate the boundaries of the contaminated groundwater using monitoring wells. All nearby residential wells were also sampled to determine the potability of their supplies.

III. Residential Well Monitoring

Residents of the Noyack area use shallow private wells as their primary source of drinking water. The SCWA (Suffolk County Water Authority) public water supply system does not extend beyond the Village of Sag Harbor limits into Noyack.

Testing of private wells near the intersection of Noyack Road and Brick Kiln Road revealed several residences having unacceptable water quality. Additional testing along Carroll Street and Sag Harbor Turnpike indicated a total of 14 residences having organic compounds in excess of NYSDOH recommended guidelines. In each of the cases where private wells were contaminated, residents were advised not to use the water for consumptive purposes and to obtain alternate sources, either bottled water or water from a public supply.

Plate 1 (appended) shows the location of residences sampled and indicates the approximate boundaries of the elongated plume of contaminated groundwater. Of the wells sampled, all those having non-potable water were located within the plume boundary. Several residential wells within the plume area do not exceed guidelines, due either to plume stratification, lithologic protection, or well depth reaching beyond the plume boundary.

Twenty-two residential wells sampled, having no detectable limits of contamination, are outside of the plume boundary. Of particular note are the homes on Lily Pond Road, located immediately upgradient of the point of origin. Water quality data from these wells confirms the absence of any other possible alternate source further south.

The highest level of organic contamination was found in residence #6, with an aggregate organic value approximately 500 times the drinking water guideline. This coincides with the plume interior near the center line of the contamination. Wells located nearer the plume perifery generally show lower levels of organic constituents.

These private residential wells are screened at various non-uniform depths and, in most cases, well depths are not known.

IV. Field Procedure and Monitoring Well Results

From March through June of 1984, the Groundwater Resources and Reclamation Section installed 21 profile wells in the Noyack area using a Mobile B-53 hollow-stem auger drilling rig. Groundwater samples were collected at approximately 20-foot intervals and analyzed by the SCDHS Laboratory for 52 organic compounds.

The drilling centered around Noyack Road, where high organic contamination was first encountered, and then progressed southward along Carroll Street toward Sag Harbor Turnpike. The investigation continued with the installation of wells on Lily Pond Road, upgradient of the suspected origin. An additional 18 wells were installed on private property at the plume origin from September to October, 1984, to define the plume's lateral extent and to pinpoint source hot spots.

To account for localized hydrologic conditions, monitoring wells were leveled to absolute elevations above sea level, and the groundwater direction was found to be northwesterly, approximately parallel to Carroll Street as shown on Plate 1.

The average linear velocity of groundwater at this site was determined to be 2.5 ft/day, assuming a horizontal conductivity of K = 250 ft/day and an effective porosity n = .25 (see Appendix A). Under conditions of advective transport, it would take a slug of contaminated groundwater 800 days to travel from the origin and reach Noyack Road, where the contamination was initially detected. The hydrology in this area is such that groundwater ultimately discharges into Sag Harbor Cove which forms the northern boundary of the organic plume.

Most contaminant plumes tend to sink as they move downgradient. Because of the proximity of this site to a discharge boundary, however, this contaminant distribution is not evident. A review of water quality data (Table 1) at well N-10, where drilling proceeded through the plume until uncontaminated groundwater was encountered, shows a randomly stratified plume having high organic chemical concentrations at the uppermost level sampled, indicating no clear pattern of water quality variation with depth.

Table 1

CONCENTRATION OF VOLATILE ORGANIC COMPOUNDS (VOC) DETECTED IN WATER SAMPLES FOOM PROFILE WELLS INSTALLED FOR THE NOVACE INVESTIGATION

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*Concentration in parts per billion (ppb) **Moment to Water (DTW) - Not detected

Table 1 (cont'd)

H=16	trichlore- chlorodi- athylene bromomethane	tetrachloro- cl ethylene	ethylene	1,1 dichloro- athylene	freen cotal	Total Conc.
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*Concentration in parts per billion (ppb) **Aftepth to water (DTM) - Not detected

Table 1 (cont'd)

Total Conc.* of VOCs	72 2933 1971	22.25.25.25.25.25.25.25.25.25.25.25.25.2	61 9	****	The	Sission as
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tatrachloro- athylana	15 1000 380	0.11		1111	111	1111
chlorod1+ bromomethane	1 00 1-	4 4 4	111	****	99 iz	1.3° 1° 1.
I,I,2 trichlora- ethylens	14 460 300	8-4		1111		433 E
1,1,1 trichloro- ethane	41 1300 1000	85 210			111	9000000
1,1 dichloro- schane	41 90	15 II 51	111	44.60	5654-40	CFCC
Sample Depth (Dute Sampled)	23' 44' 65' (5/16/84)	72' 44' 65' (5/21/84)	34° 44° 65° (5/22/84)	23' 43' 64' 85' (5/25/84)	23° 44° 63° (6/4/84)	22, 43, 64, 85, (6/4/84)
Well No. (UTFAM)	H-16 (13°)	8-17 (117)	(21.)	N-19	H-20	(3.)

"Concentration in parts per billion (pph)
**Depth to water (DTH)
- Not detacted

This distribution may also imply that the organic contamination is reaching the groundwater at varying rates and points in time, due to the release of contamination accompanying recharge (precipitation) events, or other factors such as the permeability of the subsoil and diffusion within the aquifer.

Results from supplemental drilling to determine the precise plume origin on the Sag Harbor Industries property are shown on Figure 1. Wells exceeding drinking water guidelines are shaded, and show the center of the source to be located approximately 350 feet east of Sag Harbor Turnpike, concentrating in the area of wells N-26, N-27, and N-28, where the greatest levels of contamination were detected at the water table surface. The single exception, well N-34, is located near the site of an old drum storage and loading dock, where solvent saturated subsoils are responsible for the water quality of the adjacent well.

V. Discussion and Conclusions

Some historical background is necessary to understand the nature of the on-site cleanup and reclamation recommendations. The origin of the contamination is an industrial property currently occupied by Sag Harbor Industries and formerly occupied by Rowe Industries. Sag Harbor Industries purchased the land and building in 1980. Inspections since that time by the Department of Health Services have found no evidence of unlawful discharges, and the current manufacturing processes do not employ degreasing solvents.

From 1975 to 1980, the building and land were vacant, although owned by the Nabisco Corporation. Nabisco manufactured small electric motors at this site under the name of Rowe Industries from 1971 to 1975. Prior to this, the Aurora Corporation carried on the same operations also under the name of Rowe Industries from 1966 to 1971.

Aurora, a manufacturer of small model vehicles, had purchased the land and building from Rowe Industries, a local corporation which had been occupying the site since 1950. Reports from former workers employed at Rowe Industries during the 1970s indicate that many types of organic solvents were used to degrease oil-coated metal that was punch pressed for electrical motors, and that spent solvents were discharged into drains leading east from the building--either into cesspools or directly onto the land surface or to a small pond further east.

Since the source of organic chemical contamination is still detectable east of the industrial building, it is recommended that site excavation and removal of contaminated material and soil be initiated as promptly as possible, either by the EPA Superfund contractor or by the responsible parties. Sampling of adjacent monitoring wells must continue to be performed

on a semi-annual interval, until the property no longer actively contaminates the aquifer. The present discharges of non-contact cooling water should be directed to recharge pools located as far as possible from the pinpointed source hot spot, either further west or south from the source. Requirements for groundwater reclamation will hinge on the recoverability of on-site solvent sources and the elimination of this property as an active groundwater contamination threat.

Residents affected by the groundwater plume will be receiving a safe public water supply from the Suffolk County Water Authority, through emergency relief Superfund monies administered by EPA. The expected date for initiating construction of new water mains is January, 1985. Hook-ups to each residence will also be provided.

The Department of Health Services will continue monitoring the water quality of homes outside the plume area and will periodically sample several observation wells installed within the plume to detect changes in concentration that may occur in the future.

APPENDIX A

VELOCITY FIELD CALCULATIONS: NOYACK INVESTIGATION

Average Linear Velocity

The velocity field for the Noyack Investigation was determined using Darcy's law, which states:

 $v = K \frac{3h}{31}$

where.

v = specific discharge (volumetric flux per area) (ft/day);

K = hydraulic conductivity (ft/day); and,

 $\frac{\partial h}{\partial l}$ = hydraulic (head) gradient along length 1 (dimensionless).

The average linear velocity \overline{v} can then be defined as: $\overline{v} = \frac{v}{n} = \frac{K}{n} \frac{\partial h}{\partial 1}$

$$\frac{v}{v} = \frac{v}{n} = \frac{K}{n} \frac{\partial h}{\partial l}$$

where,

n = the volumetric porosity of the medium (dimensionless).

If K is assumed to be 250 ft/day and n is assumed to be .25 and $\frac{3h}{31}$ = .0025 (determined from head differences between well N-2 and N-8), then

 $\frac{1}{v} = \frac{K}{h} \frac{\partial h}{\partial 1}$ or $\frac{250 \text{ ft/day}}{.25}$ (.0025)

average linear velocity = \overline{v} = 2.5 ft/day

APPENDIX III
Pilot Boreholes Geologic Logs

	1000	EOLOGIC LOG	OWNER Rowe Industries					
LEGGE	- Contraction	RASHEARS & GRAHAM, INC.	WELL NO. B-42					
	WIL	TON, CONNECTICUT	PAGE 1 OF 5 PAGES					
LOCATION		Gingerbread Bake Shop	SCREEN TYPE					
	parking	lot (southwest corner)	DIAM. SLOT NO.					
DATE COMP	LETED	October 4, 1989	BETTING					
DRILLING COMPANY	belta v	Well & Pump Co., Inc.	SAND PACK					
DRILLING METHOD		Hollow-stem auger	CASING					
SAMPLING METHOD	Split	spoon (every 5 feet)	DEVELOPMENT					
OBSERVER		K. Billick	DURATION					
REFERENCE POINT (RP) Grade			STATIC WATER LEVEL					
ELEVATION OF RP			YIELD					
REMARKS		Pilot hole for east well cl augers; Water encountered a	luster; 34 inch inner diameter at 16.7 feet.					
DEPTH (FEE FROM	то		DESCRIPTION					
0.0	4.0	SAND, medium to coarse; bro	own.					
4.0	6.0	Blow count: 3-5-7-12						
		Top 0.2 feet; Sand, me	edium to coarse; organic-rich, and well-					
		rounded gravel; brown;	1.2-foot recovery.					
9.0	11.0	Blow count: 5-6-6-9						
		Top 0.25 feet; SAND, o	coarse to very coarse; some well-rounded					
		gravel; beige.						
		Middle 0.35 feet; SAN	o, medium to coarse; band of mica-rich sand.					
		Bottom 0.85 feet; SANI	D, medium to fine; trace of clay band near					
		bottom of spoon; 1.25-	-foot recovery.					
14.0	16.0	Blow count: 2-9-5-6						
			ine; trace of silt; brown.					

WELL NO	B-42	PAGE 2 OF 5 PAGES
DEPTH (EET) TO	DESCRIPTION
14.0	16.0	Middle 0.3 feet; Sand, very fine; and silt; trace of clay; mica
		rich; tightly packed; brown.
		Bottom 0.9 feet; SAND, medium to fine; alternating bands of iron-
		stained fine sand and medium to coarse brown sand; 1.5-foot
		recovery.
19.0	21.0	Blow count: 2-2-3-6
		SAND, medium to coarse; trace of thin clay band in middle of
		spoon; mica rich; sand coarsens down the spoon; water encountered
		at 16.7; 2-foot recovery.
25.0	27.0	Blow count: 3-5-8-10
		Top 0.65 feet; SAND, medium to coarse.
		Middle 0.70 feet; SAND, medium; mica rich; layer of black sand
		in silty clay material 0.45 feet in interval.
		Bottom 0.5 feet; SAND, medium to coarse, iron stained; 1.8-foot
		recovery.
29.0	31.0	Blow count: 15-9-11-13
		Top 1.5 feet; SAND from surging.
		Bottom 0.5 feet; SAND, medium; brown; 2-foot recovery.
34.0	36.0	Blow count: 4-5-9-13
		SAND, medium to coarse; brown; 2-foot recovery.
39.0	41.0	Blow count: 9-14-23-23
		Sand and coarse gravel; little recovery.
44.0	46.0	Blow count: 12-10-14-19
		SAND, medium; trace recovery.

WELL NO.	B-42	PAGE 3 OF 5 PAGES
DEPTH (FE FROM	ET) TO	DESCRIPTION
49.0	51.0	Blow count: 7-7-13-18
		Top 1 foot; SAND, medium to fine.
		Middle 0.7 feet ; Sand, very fine to fine and silt; gray; mica
		rich; some red-brown clay.
		Bottom 0.3 feet; Sand, medium to coarse; and gravel; sand
		coarsens to gravel down spoon; 2-foot recovery,
54.0	56.0	Blow count: 2-4-8-11
		Top 1 foot; Sand, very fine, and milt; grades into medium to
		coarse sand; trace of gravel; 0.1 foot red-brown clay band
		0.8 feet down spoon.
		Bottom 0.8 foot; SAND, medium; mics rich; gray-white; 1.9-foot
		recovery.
59.0	61.0	Blow count: 5-11-9-23
		SAND, medium, mica rich; gray-white; 1.8-foot recovery.
64.0	66.0	SAND, very coarse; trace of well-rounded gravel; mostly wash material;
		2-foot recovery.
69.0	71.0	Blow count: 4-7-11-14
		Sand, medium to coarse; gray; trace of coarse gravel (diameter
		greater than 2 inches); trace of well rounded, medium gravel;
		2-foot recovery.
74.0	76.0	Blow count: 10-11-21-26
		Top 0.85 feet; SAND, coarse; some gravel; gray.
		Bottom 0.5 feet; SAND, medium to coarse; trace of silt and red
		clay; 1.3-foot recovery.

WELL NO.	B-42	PAGE 4 OF 5 PAGES
235722370		
DEPTH (FE FROM	ET) TO	DESCRIPTION
79.0	81.0	Blow count: 7-9-9-7
		Top 0.9 feet; Sand, coarse; and gravel; trace of coarse gravel.
		Bottom 0.3 feet; Silty clay; trace of very fine sand and silt;
		1.2-foot recovery.
11.0 B	B3.0	Blow count: 17-16-22-36
		Top 1.1 Feet; SAND, medium to fine.
		Bottom 0.9 feet; Silty clay, trace of sand; mica rich; 2-foot
		recovery.
84.0	86.0	Blow count: 8-14-20-30
		Top 0.25 feet; Clay and silt; gray.
		Bottom 1 foot; SAND, medium to coarse; some gravel; gray; 1.25-foot
<u></u>		recovery.
69.0	91.0	Blow count: 21-30-34-34
		Top 0.6 feet; SAND, coarse to fine; some silt and gravel; gray.
		Bottom 0.7 feet; SAND, medium to coarse, mics rich; iron stained;
		1.3-foot recovery.
94.0	96.0	Blow count: 12-13-14-25
		Sand, medium to fine, grades into coarse sand; and well-rounded
		gravel; trace bands of iron-stained sand; 1.1-foot recovery.
99.0	101.0	Blow count: 2-6-10-17
		Top 0.8 feet; SAND, medium to coarse; trace of very fine sand and
		cobble.
		Bottom 0.7 feet; SAND, medium to coarse; some medium grained,
		well-rounded gravel; 1.5-foot recovery.

OWNER:	KOM6 11	idustries
VELL NO.	B-42	PAGE 5 OF 5 PAGES
DEPTH (FEE	TO TO	DESCRIPTION
104.0	106.0	Blow count: 9-6-16-34
		Top 0.7 feet; SAND, medium to coarse; brown.
		Middle 0.75 feet; Clay and silt; trace of sand, gray, mica rich.
		Bottom 0.5 feet; SAND, fine to very fine; some silt; 1.95-foot
		recovery.
109.0	111.0	Blow count: 9-21-29-37
		Top 0.6 feet; SAND, medium to fine; some silt; trace of
		intermittent clay band.
		Middle 0.25 feet; SAND, medium; alternating bands of gray and
_		iron-stained sand.
		Bottom 0.75 feet; SAND, medium to fine; trace bands of clay;
		1.6 foot recovery.
		End of pilot borehole.

	GEOLOGIC LOG	OWNER Rowe Industries
Commence of the Commence of th	BRASHEARS & GRAHAM, INC.	WELL NO. B-43
W	ILTON, CONNECTICUT	PAGE 1 OF 5 PAGES
LOCATION	North side of	SCREEN TYPE
	Carroll Street	DIAM. SLOT NO.
DATE COMPLETED	October 12, 1989	SETTING
ORILLING Delta	Well & Pump Co., Inc.	SAND PACK
DRILLING METHOD	Hollow-stem auger	- CASING:
SAMPLING	5 28 KESE 26%	SETTING
METHOD Split	t spoon (every 5 feet)	DEVELOPMENT
REVER	K. Billick	DURATION
REFERENCE POINT (AP) Grade	STATIC WATER LEVEL
ELEVATION OF RP		YIELD
DEPTH (FEET) FROM TO		DESCRIPTION
4.0 6.0	Blow count: 4-6-16-23	Carrier and Assess of the Print
	SAND, medium; trace o	f gravel and dark thin bands of clay; light
	brown; 1.6-foot recov	ery.
9.0 11.0	Blow count: 8-16-14-16	
	Top 0.65 feet; SAND,	very fine; trace of silt and clay lense.
	Bottom 1 foot; Sand,	very fine and silt; mica rich; slightly
	cohesive; 1.65-foot r	ecovery.
14.0 16.0	Blow count: 4-8-8-9	
	Top 0.25 feet; Sand,	very fine; and silt; trace of clay.
	Middle 1 foot; Sand,	very fine; and silt; trace coarse gravel
	(quartz).	

WELL NO	B-43	PAGE 2 OF 5 PAGES
DEPTH ()	FEET)	DESCRIPTION
14.0	16.0	1.5-foot recovery.
19.0	21.0	Blow count: 7-6-6-7
		SAND, medium to coarse; 2-foot recovery.
24.0	26.0	Blow count: 6-6-6-7
		SAND, medium to fine grading into very fine sand; trace of silt,
		clay and well-rounded gravel; 2-foot recovery.
29.0	31.0	Blow count: 12-6-5-6
		Top 1 foot; SAND, medium to coarse; some gravel.
		Middle 0.35 feet; SAND, medium to coarse, beige.
		Bottom 0.15 feet; SAND, medium to coarse; trace of fine, mica
		rich; brown; 1.5-foot recovery.
34.0	36.0	Blow count: 12-5-6-8
		Top 0.7 feet; SAND, medium to coarse; trace of gravel and clay
		lense.
		Bottom 0.6 feet; SAND, medium to fine; trace of fines; mica rich;
		brown; 1.3-foot recovery.
39.0	41.0	Blow count: 12-6-6-8
		Top 0.3 feet; SAND, medium to coarse; brown.
		Bottom 0.7 feet; SAND, medium to coarse; trace of gravel; mica
		rich; 1-foot recovery.
44.0	46.0	Blow count: 12-5-6-8
		Top 0.7 feet; SAND, medium to coarse; tan.
		Middle 0.65 feet; SAND, medium to fine; trace of silt and clay;
		mice rich, slightly cohesive.

OWNER	NOWE IN	dustries
WELL NO	D. B-43	PAGE 3 OF 5 PAGES
DEPTH (FEET) TO	DESCRIPTION
44.0	46.0	Bottom 0.45 feet; SAND, medium to coarse; iron stained; 1.8-foot
		recovery.
49.0	51.0	Blow count: 8-5-6-8
		Top 0.75 feet; SAND, medium to coarse; buff.
		Bottom 0.75 feet; SAND, medium to course; trace of clay band at
		top of interval; 1.5-foot recovery.
54.0	56.0	Blow count: 3-4-6-9
		Top 0.75 feet; SAND, medium; trace fines; mica rich; buff.
		Middle D.15 feet; CLAY, beige.
		Bottom 1 foot; SAND, medium, iron staining; 1.9-foot recovery.
59.0	61.0	Blow count: 3-4-6-9
		SAND, medium; trace of fines; iron staining; light brown;
		1.7-foot recovery.
64.0	66.0	Blow count: 4-4-6-10
		Top 1 foot; SAND, medium; trace of clay.
		Bottom 1 foot; SAND, medium to coarse; trace silty clay and
		gravel; 2-foot recovery.
69.0	71.0	Top 1 foot; SAND, medium to coarse; light brown.
		Bottom 1 foot; SAND, medium to fine; some very fine silty clay; 2-foot
		recovery.
74.0	76.0	Blow count: 12-12-15-22
		Top 0.4 feet; SAND, fine to coarse; coarsens down spoon; brown.
		Bottom 1 foot; Sand, fine to very fine; and silt; some clay;
		1.4-foot recovery.
79.0	81.0	Blow count: 8-11-13-19

WELL NO.	B-43	PAGE 4 OF 5 PAGES			
DEPTH (FEET) FROM TO		DESCRIPTION			
79.0	81.0	SAND, medium; trace bands of very fine sand and silt; red-brown;			
		beige; 2-foot recovery.			
84.0	86.0	Blow count: 10-13-14-20			
		Top 1 foot; SAND, medium, mica rich.			
		Bottom 1 foot; SAND, medium to coarse; some subrounded quarts			
		fine to medium gravel; (diameter less than 1 inch); 2-foot			
		recovery.			
89.0	91.0	Blow count: 9-12-18-27			
		SAND, medium; some well-rounded gravel; trace of clay lense;			
		gray; 1.45-foot recovery.			
94.0	96.0	Blow count: 13-18-24-34			
		Top 0.65 feet; SAND, medium to fine; tan.			
		Bottom 1.35 feet; SAND, medium to coarse, trace of gravel at			
		bottom of spoon; trace of clay lense: 2-foot recovery.			
99.0	101.0	Blow count: 10-15-19-22			
		Top 0.25 feet; SAND, medium to fine; gray.			
		Middle 0.45 feet; SAND, medium to coarse; brown.			
		Bottom 0.35 feet; SAND, medium to coarse; trace clay band; iron			
		staining; 1.05-foot recovery.			
104.0	106.0	Blow count: 13-15-18-24			
		Top 0.85 feet; SAND, medium to coarse; trace of fines; orange-			
		brown.			
		Bottom 0.65 feet; SAND, medium; trace of fines; Brown; 1.5-foot			
		recovery.			

OWNER	Rowe II				
WELL NO.	B-43	PAGE 5 OF 5 PAGES			
DEPTH (FEET) FROM TO		DESCRIPTION			
109.0	111.0	Top 0.65 feet, SAND medium to coarse; tan.			
		Bottom 0.6 foot; SAND, medium; trace of thin bands of silty, very fine			
		sand and clay; red-brown; 1.25-foot recovery.			

GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WILTON, CONNECTICUT			OWNER Rowe Industries, Inc.		
			WELL NO. B-28		
			PAGE 1 OF 5 PAGES		
LOCATION	Rowe In	dustries parking lot	SCREEN TYPE		
adja	cent to	N-28	DIAM. SLOT NO.		
DATE COM	PLETED Ma	y 24, 1991	SETTING		
DRILLING COMPANY Delta Well and Pump Co., Inc.			SAND PACK		
			CASING		
DRILLING METHOD Hollow-stem auger			- Daniel - Carlos		
SAMPLING			SETTING		
METHOD	Continuo	us split spoon	DEVELOPMENT		
OBSERVER	Karen	Billick	DURATION		
REFERENC	E POINT (RP)	Grade	STATIC WATER LEVEL		
ELEVATION	OF RP		YIELD		
REMARKS		ncountered at approximately			
FROM	ТО		DESCRIPTION		
0	2	Blow count: 8-8-6-6.			
		SAND, medium to fine; trace	e silt; trace medium gravel; cobbles		
		at end of spoon; brown; moist; 0.60-foot recovery.			
2	4	Blow count: 5-1-2-2.			
		SAND, medium to fine; trace silt; trace gravel; moist; brown;			
		1.20-foot recovery.			
4	6	Blow count: 33-11-1-2.			
		SAND, fine to medium; trace medium to fine gravel and broken			
		cobbles; trace silt; brown; 1.40-foot recovery.			

SAND, medium to fine; some coarse sand near top of spoon; trace

Blow count: 2-2-1-3.

8

6

WELL NO	3. B-28	PAGE 2 OF 5 PAGES
DEPTH (FEET)	DESCRIPTION
6	8	medium to coarse gravel, well rounded, brown with orange stain;
		0.40-foot recovery.
8	10	Blow count: 16-7-7-12.
		SAND, medium; trace fine; trace medium to fine gravel; trace tan brown
		coarse sand; 0.80-foot recovery.
10	12	Blow count: 12-12-10-15
	1-	SAND, medium to fine, brown; cobble in top of spoon;
	1	0.30-foot recovery.
12	14	Blow count: 6-7-9-21
		SAND, medium; trace coarse; trace fine gravel; light brown; 1.30-foot
		recovery.
14	16	Blow count: 21-18-15-23
		Top 1.00 foot; SAND, medium; trace coarse sand; trace fine gravel.
		Bottom 0.50 foot; SAND, fine to very fine, little medium; some silt;
		trace clay; 1.40-foot recovery.
16	18	Blow count: 7-9-11-20
		SAND, medium to fine; trace fine gravel; finer going down spoon; brown;
		1.30-foot recovery.
18	20	Blow count: 15-16-17-18
		SAND, medium to coarse; trace fine; trace silt; brown; wet; 1.50-foot
		recovery.
20	22	Blow count: 6-7-10-15
		SAND, medium to coarse; some very coarse sand; trace fine gravel; trace
		silt; brown; 1.40-foot recovery.

	0.00	PAGE 3 OF 5 PAGES			
WELL NO.	B-28	PAGE 3 OF 5 PAGES			
DEPTH (FE FROM	ET) TO	DESCRIPTION			
22	24	Blow count: 17-13-11-10			
		Top 0.65 foot; SAND, medium; some coarse sand near bottom of interval;			
		tan-brown.			
		Bottom 0.65 foot; Sand, fine to very fine, and milt; trace fine gravel;			
		trace clay at bottom of spoon; black.			
		1.35-foot recovery.			
24	26	Blow count: 5-4-5-8			
		Top 0.60 foot; SAND, medium to very fine; trace coarse sand; black.			
		Bottom 1.00 foot; Silty clay; red-brown; trace very fine mand; 1.60-foot			
		recovery.			
26	28	Blow count: 7-18-12-12			
		Top 0.10 foot; SAND, medium to coarse; black.			
		Next 0.70 foot; Sand very fine; silt and clay; brown.			
		Next 0.35 foot; SAND, medium to fine; trace silty clay layer less than			
		0.01 foot thick; alternating bands of black and brown sand;			
		Next U.15 foot; SAND, medium to coarse; dark olive brown.			
		Next U.15 foot; Sand, fine; silt and clay bands; 1.45-foot recovery.			
28	30	Blow count: 3-7-14-12			
		Top 0.25 foot; SAND, medium; trace fine sand; olive-gray.			
		Next 0.10 foot; silty clay; red-brown.			
		Next 0.30 foot; SAND, medium; trace fine sand; olive-gray; yellow			
		discoloration at bottom of interval.			
		Next 0.50 foot; Silty clay; trace very fine sand; light brown with red			
		stain.			
		Bottom 0.40 foot; SAND, medium to coarse; orange stain; 1.55-foot recove			

OWNER	HOME T	ndustries, Inc.	
WELL NO. B-28 PAGE 4 OF 5 PA			
DEPTH (FE	ET) TO	DESCRIPTION	
30	32	Blow count: 6-5-8-9	
		Top 0.20 foot; SAND, medium to coarse; trace fine sand; olive-gray.	
		Middle 0.25 foot; SAND, medium; some fine; orange stain.	
		Bottom 0.25 foot; SAND, medium to fine; trace very fine sand; tan;	
		0.90-foot recovery.	
32	34	Blow count: 9-11+15-16	
		Top 0.50 foot; SAND, medium to fine; gray-brown.	
		Bottom 0.70 foot; Sand, medium to very coarse, and fine gravel;	
		trace cobble at bottom of spoon; orange-brown; 1.20-foot recovery.	
34	36	Blow count: 8-9-10-13	
		Top 0.20 foot; Sand, very fine silt and clay; silver-gray.	
		Bottom 0.60 foot; Sand, medium to very coarse, and medium to fine	
		gravel; trace cobble at tip of spoon; orange brown; 0.80 foot	
		recovery.	

Top 0.30 foot; CLAY; red-brown; trace silt; trace fine gravel.

cobble; gray-beige; 1.20-foot recovery.

Blow count: 10-17-12-13

Blow count: 5-13-10-12

beige; 1.60-foot recovery.

38:

46

40

42

Bottom 0.90 foot; SAND, medium to coarse; trace medium gravel; trace

SAND, medium to very coarse; some medium to coarse gravel; trace very

fine sand, silt and clay at top of epoon; 1.50-foot recovery.

SAND, medium to very coarse; some well-rounded medium gravel; gray-

Yes allowy	B-28	PAGE 5 OF 5 PAGES					
/ELL NO.	255755	PAGE - OF - PAGES					
ROM	ET) TO	DESCRIPTION					
42	44	Blow count: 11-16-13-15					
		Top 0.95 foot; SAND, medium to coarse; little fine sand: gray-heige.					
		Bottom 0.50 foot; SAND, medium to coarse; some medium gravel; well					
		rounded; gray-beige; silt and clay at bottom of spoon; 1.45-foot					
		recovery.					
44	46	Blow count: 13-14-14-18					
		SAND, medium to coarse; trace very fine sand and silt; gray-beige;					
0.63		2.00-foot recovery.					
46	48	Blow count: 14-12-13-18					
		SAND, medium to coarse; trace very fine sand and silty clay band					
		0.10 foot thick 0.50 foot from top of spoon; 2.00-foot recovery.					
48	50	Blow count: 31-19-12-19					
		Top 1.50 foot; SAND; medium; trace coarse and fine sand; gray.					
		Bottom 0.50 foot; Silty clay; trace very fine sand, gray-brown.					
		End of borehole.					

GEOLOGIC LOG LEGGETTE, BRASHEARS & GRAHAM, INC. WILTON, CONNECTICUT			OWNER Rowe Industries, Inc.	
			WELL NO. B-44	
			PAGE 1 OF 4 PAGES	
OCATION	Rowe In	dustries; northern	SCREEN TYPE	
park	ing lot	near N-31	DIAM. SLOT NO.	
DATE COMP	PLETED JU	ne 3, 1991	SETTING	
PILLING			SAND PACK	
DRILLING	Delta W	ell and Pump Co., Inc.	CASING	
	Hollow-s	tem auger	SETTING	
SAMPLING METHOD	Continuo	us split spoon	DEVELOPMENT	
OBSERVER	Karen	Billick	DURATION	
REFERENC	E POINT (RP)	Grade	STATIC WATER LEVEL	
ELEVATION	OF RP		YIELD	
REMARKS DEPTH (FEI		ncountered at approximately 2		
FROM	TO	No-westerness - se-sea	DESCRIPTION	
0	2	Blow count: 6-1-1-1		
		SAND, medium to fine; trace silt; brown; 0.30-foot recovery.		
5	7	Blow count: 17-4-4-3		
		SAND, fine to very fine; trace silt; trace cobble; brown; dry;		
i.f		1.15-foot recovery.		
10	12	Blow count: 9-16-16-21		
		Top 0.30 foot; SAND, fine to very fine; trace silt and cobble; trace		
		cement chip; brown.		
		Bottom 1.00 foot; SAND, fir	ne; trace silt and medium to fine gravel;	
		tan-brown; dry; 1.30-fo	oot recovery.	
	-		101	

VELL NO	B-44	PAGE 2 OF 4 PAGES				
EPTH (F	EET)	DESCRIPTION				
15	17	Blow count: 16-20-19-27				
		SAND, medium to fine; trace silt; trace fine to coarse gravel; trace				
		broken cobble; orange-brown; 1.50-foot recovery.				
20	22	Blow count: 30-21-25-28				
		Top 0.70 foot; SAND, medium to fine; trace silt; tan-brown.				
		Bottom 0.60 foot; Broken quartz cobble; trace very fine sand; moist;				
		1.30-foot recovery.				
25	27	Blow count: 36-21-17-21				
		SAND, medium to fine; trace gravel; trace brick fragment; brown-tan;				
		wet; 1.70-foot recovery.				
30	32	Blow count: 24-52-18-25				
		Top 0.80 foot; SAND, medium to fine; trace silt; brown.				
		Bottom 0.90 foot; SAND, fine to coarse; some medium to coarse gravel;				
		coarsens down spoon; orange-brown; 1.70-foot recovery.				
35	37	Blow count: 24-33-25-19				
		Top 1.10 feet; SAND, medium to very coarse; some medium to coarse				
		gravel; brown-tan.				
		Bottom 0.50 foot; silty clay; gray; 1.60-foot recovery.				
37	39	Blow count: 48-51-15-16				
		Top 1.00 foot; SAND, medium to fine; brown-beige.				
		Bottom 0.80-feet; SAND, medium to very coarse; trace very fine sand				
		near bottom of apoon, gray; 1.80-foot recovery.				
39	41	Blow count: 34-65-36-20				
		SAND, medium to fine; trace silt; gray-beige; 2.00-foot recovery.				

VELL NO.	B-44	PAGE 3 OF 4 PAGES			
EPTH (FE	ET) TO	DESCRIPTION			
41	43	Blow count: 42-40-18-23			
		SAND, fine to very fine; trace silty clay band, 0.10-foot thick at			
		bottom of spoon; gray-beige; 2.00-foot recovery.			
43	45	Blow count: 37-51-17-39			
		Top 1.50 feet; SAND, fine to very fine; gray.			
		Bottom 0.50 foot; Silty clay; brown-gray; 2.00-foot recovery.			
45	47	Blow count: 60-32-31-33			
		SAND, fine to coarse; trace fine gravel; gray-brown; 2.00-foot			
-		recovery.			
47	49	Blow count: 63-29-22-30			
		Top 0.90 foot; SAND, fine to medium.			
		Middle 0.90 foot; SAND, medium to coarse with little fine gravel;			
		0.10 silty clay band grades back to fine sand; trace very fine			
		sand and silt; gray-brown; 2.00-foot recovery.			
49	51	Blow count: 40-39-15-18			
		SAND, fine; trace very fine and medium sand; trace silt; gray-brown;			
		2.0-foot recovery.			
51	53	2.0-foot recovery. Blow count: 30-60-100/4*			
		SAND, medium; trace fine and coarse sand, beige-gray; 1.85-foot			
		recovery.			
53	55	Blow count: 27-100/4"			
		SAND, medium; trace very fine sand at top of spoon; trace coarse			
		sand; beige-gray; 1.30-foot recovery.			
55	57	Blow count: 31-26-7-10			
		SAND; medium to coarse; little gravel; trace fine sand, silt and			

	8-44	PAGE 4 OF 4 PAGES			
DEPTH (FEET) FROM TO DESCRIPTION		DESCRIPTION			
60	62	Blow count: 26-23-8-9			
		SAND, medium to coarse; trace fine sand; trace medium gravel; beige-			
		gray silty clay layer .25-inch thick, .35-foot from bottom of			
		spoon; gray; 1.50-foot recovery.			
65	67	Blow count: 39-49-68-29			
		No recovery.			
67	69	Blow count: 16-24-42-69/4*			
-		SAND, medium; trace coarse and fine sand; beige-gray; 1.50-foot			
		recovery.			
- 3		End of borehole.			

GEOLOGIC LOG	OWNER Rowe Industries, Inc.		
LEGGETTE, BRASHEARS & GRAHAM, INC.	WELL NO. B-45		
WILTON, CONNECTICUT	PAGE 1 OF 5 PAGES		
LOCATION Rowe Industries parking lot	SCREEN TYPE		
north of former drum storage area	DIAM. SLOT NO.		
DATE COMPLETED May 22, 1991	SETTING		
DRILLING	SAND PACK		
COMPANY Delta Well and Pump Co., Inc.	CASING		
DRILING METHOD Hollow-stem auger	SETTING		
SAMPLING	DEVELOPMENT		
METHOO Continuous split spoon	DEVELUPMENT		
OBSERVER Karen Billick	DURATION		
REFERENCE POINT (RP) Grade	STATIC WATER LEVEL		
ELEVATION OF RP	YIELD		
REMARKS Water encountered at approximately 3	9 feet below grade.		

DEPTH (FEET) FROM TO		DESCRIPTION	
0	2	Blow count: 11-12-9-9	
		Top .20 foot; black top.	
		Bottom 1.00 foot; SAND, medium to fine; trace silt; trace medium	
		to fine gravel; trace quartz cobble; mica-rich; tan-beige; dry;	
		no odor; 1.20-foot recovery.	
2	4	Blow count: 8-8-7-10	
		SAND, medium to fine; trace silt; trace medium to fine gravel; dry;	
		no odor; 1.30-foot recovery,	
4	6	Blow count: 44-8-9-10	
		SAND, medium to fine; trace silt; trace crushed cobble at top of	
		split spoon, black stained interval, 0.10-foot thick, 0.60 feet	
		from top of spoon; moist; no odor; 1.40-foot recovery.	

WELL NO.	B-45	PAGE 2 OF 5 PAGES			
DEPTH (FI	ET) TO	DESCRIPTION			
6	.8	Blow count: 11-7-11-14			
		SAND, medium to fine; trace coarse sand lens less than 0.10-foot			
		thick 1.00 foot from top of spoon; trace fine to medium gravel;			
		well rounded; brown; moist; no odor; 1.60-foot recovery.			
8	10	Blow count: 35-15-14-18			
		SAND, medium to fine; trace coarse; trace silt; trace medium to fine			
		gravel; brown; moist; no odor; 1.00-foot recovery.			
10	12	Blow count: 14-14-15-18			
		Top 0.50 foot; SAND, medium; trace silt and fine gravel; beige.			
		Middle 0.80 foot; alternating bands of clayey silt less than			
		0.10-foot thick and very fine sand and silt; red-brown.			
		Bottom 0.50 foot; SAND, medium; rounded; uniform; beige; 1.80-foot			
		recovery.			
12	14	Blow count: 11-8-8-10			
_		SAND, medium to coarse; trace medium gravel; fine sand near bottom			
		of spoon; beige; 1.00-foot recovery.			
14	16	Blow count: 11-9-11-14			
		SAND, medium to coarse; trace cobble (diameter greater than 1/4-inch			
		thick) yellowish-brown; clay lense 0.10-foot thick near top of			
		spoon; dry; 1.30-foot recovery.			
16	18	Blow count: 26-6-8-11			
		Top 1.00 foot; SAND, medium to coarse; trace fine gravel			
		Bottom 0.20 foot; SAND, medium to coarse, orange-brown; clay silt			
		band less than 0.10-foot thick in middle of spoon; dry; no odor;			
		1.20-foot recovery.			

OWNER	Rowe I	ndustries, Inc.			
WELL NO.	B-45	PAGE 3 OF 5 PAGES			
PROM	ET) TO	DESCRIPTION			
18	20	Blow count: 6-9-8-13			
		SAND, coarse to very coarse; some medium sand; trace medium gravel at			
		bottom of spoon; orange-brown; wet; 1.50-foot recovery.			
20	22	Blow count: 18-7-7-12			
		Top 0.90 foot; SAND, medium to coarse; trace medium to fine gravel;			
		orange-brown; no odor.			
		Middle 0.20 foot; SAND, medium; gray-brown.			
		Bottom 0.10 foot; Silt and very fine sand; yellow-gray; no odor;			
		1.20-foot recovery.			
22	24	Blow count: 15-8-4-9			
		SAND, medium to coarse; some fine to medium gravel; gray-beige;			
		1.50-foot recovery.			
24	26	Slow count: 20-8-7-9			
		Top 0.50 foot; SAND, medium; trace silty clay band less than			
		0.02 foot thick 0.20 feet from top of spoon.			
-		Bottom 0.70 foot; SAND, medium; gray-beige; no odor; 1.20-foot			
		recovery.			
26	28	Blow count: 14-10-8-16			
		SAND, medium; trace coarse sand; trace fine gravel; 1.20-foot			
		recovery.			
28	30	Blow count: 5-4-5-6			
		SAND, medium; trace fine and coarse sand; gray; 1.30-foot recovery.			
30	32	Blow count: 4-2-1-3			
		SAND, medium to coarse; trace fine sand; gray-white; 1.30-foot			
		recovery.			

G	EOLOGIC LOG	OWNER Rowe Industries, Inc.		
LEGGETTE, E	BRASHEARS & GRAHAM, INC.	WELL NO. B-46		
WII	LTON, CONNECTICUT	PAGE 1 OF 3 PAGES		
OCATION Rowe I	industries property; west	SCREEN TYPE		
of onsite p	ond near EM Station A-9	DIAM. SLOT NO.		
ATE COMPLETED M	May 29, 1991	SETTING		
RILLING COMPANY Dollar	Well and Pump Co., Inc.	SAND PACK		
RILLING	well and Pump Co., Inc.	CASING		
METHOD Hollow-	stem auger	SETTING		
AMPUNG METHOO Continu	ous split spoon	DEVELOPMENT		
SSERVER Karen	Billick	DURATION		
EFERENCE POINT (RP) Grade	STATIC WATER LEVEL		
LEVATION OF RP		YELD		
EMARKS Water	encountered at 7.5 feet below	grade.		
EPTH (FEET) FROM TO		DESCRIPTION		
0 2	Blow count: 2-3-5-5			
	Top 0.30 foot; Sand, very f	ine and milt; organic rich; brown-black.		
	Bottom 0.60 foot; SAND, fin	ne to very fine; some silt; trace cobble;		
	light brown; 0.90-foot	recovery.		
2 4	Blow count: 5-4-5-5			
	SAND, medium to fine; trace	very fine sand and silt; light brown;		
	1.40-foot recovery.			
4 6	Blow count: 11-5-7-7			
	SAND, medium to fine; trace	silt and very fine sand; trace fine		

gravel; orange-brown; moist; 1.30-foot recovery.

WELL NO.	B-46	PAGE 2 OF 3 PAGES						
EPTH (FI	EET) TO	DESCRIPTION						
6	8	Blow count: 8-9-13-16						
		Top 0.50 foot; SAND, medium to fine; trace coarse sand; tan-brown.						
		Middle 0.25 foot; Silty clay; some very fine sand.						
		Bottom 0.55 foot; SAND, medium to coarse; fine towards bottom of						
		spoon; wet; 1.30-foot recovery.						
ß	10	Blow count: 17-15-12-13						
	-	SAND, medium to fine; brown; cobble in spoon; 0.35-foot recovery.						
10	12	Blow count: 8-14-12-12						
		SAND, medium to coarse; trace fine mand; tan-brown; 2.00-foot						
		recovery.						
12	14	Blow count: 8-8-6-7						
		Top 0.65 foot; SAND, medium to coarse; trace fine sand; light brown.						
		Bottom 0.65 foot; Sand, very fine and silt; trace clay; silver-gray;						
		1.30-foot recovery.						
14	16	Blow count: 6-7-6-10						
		Top U.oU root; SAND, medium; trace fine and coarse sand; light brown.						
_		Middle 0.20 foot; Silty clay; trace very fine sand; silver-gray.						
		Buttom 0.70 fbbt; NAND, coarse; trace medium sand; gray; 1.50-foot						
_		recovery.						
16	18	Blow count: 11-7-7-8						
		Top 0.20 foot; SAND, medium; some fine to very fine sand; gray.						
		Middle 0.20 foot; Silty clay; gray; little very fine sand.						
		Bottom 1.00 foot; SAND, medium to coarse; trace medium to fine gravel;						
		gray; 1.40-foot recovery.						

VELL NO	B-46	PAGE 3 OF 3 PAGES							
EPTH (F	EET) TO	DESCRIPTION							
18	20	Blow count: 30-23-10-13							
		SAND, medium to coarse; trace fine sand near bottom of spoon; gray-							
		brown; 1.00-foot recovery.							
20	22	Blow count: 11-16-6-11							
		Top 0.80 foot; SAND, medium; some fine sand; trace coarse sand;							
		tan-brown.							
		Bottom 0.20 foot; SAND, medium to fine; gray; 1.00-foot recovery.							
22	24	Blow count: 31-22-8-14							
		Blow count: 31-22-8-14 Top 1.20 feet; SAND, medium; little fine; gray.							
		Top 1.20 feet; SAND, medium; little fine; gray. Middle 0.10 foot; Sand, very fine and silt.							
_		Bottom 0.40 foot; SAND, medium to coarse; gray-brown; 1.70-foot							
		recovery.							
24	26	Slow count: 14-14-10-14							
		SAND, medium to very fine; gray-brown; 1.50-foot recovery.							
26	28	Blow count: 17-17-12-16							
_		Top 1.50 feet; SAND, medium to fine; trace very fine sand; gray-brown.							
		sottom U.50 foot; SAND, fine to medium color transition from gray-							
		brown to tan-brown to red-brown to silver-gray back to brown-gray;							
		2.00-foot recovery.							
28	30	Blow count: 29-19-6-8							
		Top 1.50 feet; SAND, medium to fine; gray-brown.							
		Bottom 1.50 feet; Silty clay; trace medium to fine sand; gray;							
		2.00-foot recovery.							
30	32	Blow count: 43-13-7-10							
		SAND, medium to coarse; some fine sand; trace silty clay layer							

^{0.25-}inch thick throughout; 1.10-foot recovery.

WELL NO.	B-47	PAGE 2 OF 4 PAGES						
EPTH (FE	ET) TO	DESCRIPTION						
4	6	Blow count: 4-3-3-7						
		Top 1.00 foot; Sand, fine and silt; dry; brown.						
		Bottom 0.50 foot; SAND, fine to medium; trace silty clay lens in						
		middle of interval; brown; wet; 1.50-foot recovery.						
6	8	Blow count: 16-17-17-18						
		SAND, medium to fine; trace silt; tan-brown; wet; 0.60-foot						
		recovery.						
8	10	Blow count: 5-6-7-11						
		SAND, medium to coarse; brown-tan; 1.00-foot recovery.						
10	12	Blow count: 3-5-7-10						
		SAND, medium to coarse; little fine to medium gravel, rounded;						
		tan-brown; 1.10-foot recovery.						
12	14	Blow count: 9-8-9-15						
		SAND, medium to coarse; little to some medium to fine gravel; tan-						
		brown; 1.20-foot recovery.						
14	16	Blow count: 25-19-17-16						
		SAND, medium to coarse; some medium to fine gravel; trace cobble;						
-		light-medium prown; 1.00-toot recovery.						
16	18	Blow count: 23-18-31-22						
		Top 0.60 foot; SAND, medium to coarse; trace fine gravel; brown-beige.						
		Bottom 0.40 foot; SAND, medium to coarse; some medium gravel; trace						
	_	cobble; orange-brown; 1.00-foot recovery.						
18	20	Blow count: 11-39-21-20						
		Top 0.80 foot; SAND, medium to coarse; brown-beige.						
-		Bottom 0.30 foot; SAND, medium to coarse; some well rounded gravel;						

WELL NO	B-47	PAGE 4 OF 4 PAGES						
DEPTH (FEET) FROM TO		DESCRIPTION						
32	34	Blow count: 26-16-15-16						
		SAND, medium to coarse, trace medium, well rounded gravel; gray-						
		beige; 1.40-foot recovery.						
34	36	Blow count: 33-40-19-15						
		SAND, medium to coarse; gray-beigs; 2.00-foot recovery.						
36	38	Blow count: 46-60-22-22						
		SAND, medium to very coarse; little medium gravel; gray-beige;						
		2.00-foot recovery.						
38	40	Blow count: 39-46-14-15						
		SAND, medium to coarse; trace medium to fine gravel; gray-beige;						
		2.00-foot recovery.						
		End of borehole.						
		e e						
	1							

	G	EOLOGIC LOG	OWNER Rowe Industries, Inc.					
LEGG	ETTE, E	BRASHEARS & GRAHAM, INC.	WELL NO. B-48					
	WII	LTON, CONNECTICUT	PAGE 1 OF 3 PAGES					
LOCATION	Lily P	ond Road	SCREEN TYPE					
Sag	Harbor,	New York	DIAM. SLOT NO.					
DATE COM	PLETED J	une 21, 1991	SETTING					
DRILLING COMPANY	Delta	Well and Pump Co., Inc.	SAND PACK					
DRILLING	DELLA	werr and rump co., inc.	CASING					
METHOD	Hollow-	stem auger	DEVELOPMENT					
SAMPLING METHOD	Split sp	poon						
OBSERVER	Karen	Billick	DURATION					
REFERENCE	E POINT (RP) Grade	STATIC WATER LEVEL					
ELEVATION	OF RP		YIELD					
REMARKS	Water e	incountered at approximately 2	2 feet below grade.					
SEPTH (FEE FROM	то то		DESCRIPTION					
2.0	4.0	Blow count: 33-17-11-14						
		Top 0.20 foot; Gravel and co	obbles.					
		Bottom 0.80 foot; SAND, med	ium; trace fine; dark brown, moist;					
		1.00-foot recovery.						
8.0	10.0	Blow count: 11-8-8-12						
		Top 0.40 foot; SAND, medium	to fine; some silt; brown.					
		Bottom 1.00 foot; Silty Clay	; trace very fine sand bands less than					
		0.01-foot thick; red-gra	y; 1.40-foot recovery.					
14.0	16.0	Blow count: 8-6-6-7						

Top 0.40 foot; Clay; very fine sand and silt; red brown.

1.30-foot recovery.

Bottom 0.90 foot; SAND, medium; beige with thin brown bands;

OWNER		ndustries, Inc.						
WELL NO.	8-48	PAGE 3 OF 3 PAGES						
DEPTH (FE FROM	ET) TO	DESCRIPTION						
50.0	52.5	Blow count: 14-4-4-6						
		SAND, medium to very coarse; some medium gravel; trace very coarse						
		gravel; gray; 1.20-foot recovery.						
55.0	57.0	Blow count: 60-33-13-12-15						
		Sand, medium to very coarse; and medium to coarse gravel; trace fine						
		sand and clay; gray; 1.70-foot recovery.						
60.0	62.0	Blow count: 44-46-12-11-11						
		SAND, medium to very coarse; some medium to fine gravel; trace fine						
		sand; silt and clay; gray; 1.40-foot recovery.						
65.0	67.0	Blow count: 20-9-12-15-19						
		SAND, medium to very coarse; some very coarse gravel; gray; 1.50-foot						
		recovery.						
	69.5	End of borehole.						
	_							
-								
-								
-	_							

GEOLOGIC LOG OWNER Rowe Industries, Inc. LEGGETTE, BRASHEARS & GRAHAM, INC. WELL NO. B-49 WILTON, CONNECTICUT OF 5 PAGE PAGES LOCATION Noyack Road, Sag Harbor, SCREEN TYPE SLOT NO. DIAM. New York DATE COMPLETED June 27, 1991 SETTING DRILLING SAND PACK COMPANY Delta Well and Pump Co., Inc. CASING DRILLING METHOD Hallow-stem auger SETTING SAMPLING METHOD Split spoon DEVELOPMENT OSSERVER Karen Billick DURATION REFERENCE POINT (RP) Grade STATIC WATER LEVEL ELEVATION OF RP YIELD REMARKS Water encountered at approximately 10 feet below grade.

FROM	то	DESCRIPTION				
5.0	7.0	Blow count: 5-4-10-15				
		Top 0.20 foot; Sand and silt; organic-rich; dark brown.				
		Bottom 1.20 feet; SAND, medium to very fine; trace silt and very fine				
		gravel; tan-brown; 1.40-foot recovery.				
10.0	12.0	Blow count: 25-27-43-67/4*				
		SAND, medium to fine; some very fine gravel; trace coarse sand;				
		medium to coarse gravel and crushed cobble; brown; wet; 1.60-foot				
Si i		recovery.				
15.0	17.0	Blow count: 73-43-48-52				
		Top 0.40 foot; WASH; Sand, medium to fine.				
-		Bottom 1.60 feet; Sand, coarse to very coarse and medium gravel;				

WELL NO.	B-49	PAGE 2 OF 5 PAGES						
DEPTH (PE	ET)	DESCRIPTION						
15.0	17.0	trace cobble; less gravel and coarse material at bottom 0.40-foot						
		of spoon; brown; 2.00-foot recovery.						
20.0	22.0	Blow count: 7-20-7-4						
		SAND, medium to very coarse; little medium gravel; brown; 1.60-foot						
		recovery.						
25.0	27.0	Blow count: 8-18-9-8						
		Top 0.35 foot; WASH; Sand, medium to finm.						
_		Bottom 0.65 foot; SAND, medium to coarse; little fine gravel; trace						
		cobble; brown-beige; 1.00-foot recovery.						
30.0	32.0	Blow count: 18-30-16-17						
		Top 1.10 feet; WASH; Sand, medium to fine.						
		Bottom 0.90 foot; SAND, medium to coarse; trace fine gravel; tan-						
		beige; 2.00-foot recovery.						
35.0	37.0	Blow count: 40-70-100/4"						
		Top U.SO foot; WASH; Sand, medium; trace silt.						
		Bottom 1.00 foot; SAND, medium to coarse; trace very coarse sand;						
		trace gravel; beige; 1.80-foot recovery.						
40.0	42.0	Blow count: 12-41-12-12						
	-	SAND, medium to very coarse; some coarse gravel and fine cobbles at						
		bottom of spoon; beige-brown; 1.00-foot recovery.						
42.0	44.0	Blow count: 8-32-26-16						
		Top 0.20 foot; WASH; Sand, medium to very fine.						
		Bottom 0.80 foot; SAND, medium to very coarse; tan; 1.00-foot						
		recovery.						
44.0	46.0	Blow count: 5-36-42-12						

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

COMPLETED

5-20-84

RECISTRATION NO.

62

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rotary Cable tool

DRILLER

WORK STARTED

DATE

JWNER SCD	45			* LOG
		11 00.	v=	Ground Surface
OCATION OF WELL	PABRO DR.	HousePoor	20	Α
CHREON	8/	DEPTH TO CROUND WATER	E FROM SURFACE	TOP OF WELL
NASC2	NOW 22 tt.	17	,20 H.	- Fore
1400	CAS	INGS:		
2 in.	in.	in.	in.	Sions
20 1.1	m	n.	ft.	20
EALING NONS		CASINGS REMOVED		
2000	SCRI	EENS		
AKE JOHNSON	1	OPENINGS , 016		
HAMETER & III.	in.	in.	in.	
ENGTH & t.	ft.	n,	l tt.	
EPTH TO TOP FROM TOP OF				
	PUMPIN	G TEST		54×13
3-26	-84	TEST OR PERMANENT PUM	PE .	242.5
URATION OF TEST	2 hours	MAXIMUM DISCHARGE	- 20 gaffons per min.	
TATIC LEVEL PRIOR TO TEST		LEVEL DURING MAXIMUM		
MAXIMUM DRAWDOWN	Approximate tir	ne of return to normal level	after cessation of pumping min.	2 30
		STALLED		\mathcal{M}
YPE	MAKE	MC	ODEL NO.	11.
OTIVE FOWER	MAKE	н.	P,	7110
APACITY			- ft. of discharge head	Komeron
UNBER BOWLS OR STAGES	g.p.m. against		wet to	76
DRAFT I	INF	SHCT	ft. of total head	cing
DROP L	ine.	DIAMETER	THE NAME OF	
ENGTH OLD SALES	in,	LENGTH	in.	Then V
STREET, STREET,	The state of the		i tt.	Series
ETHOD OF DRILLING Totally (2) cable tool (9)	L. Ause	USE OF WATER		
The second of th		COMPLETED	G40	62
	A P. Company	3-26	Contract Con	
ORK STARTED 3-	AT A SHOP THE REST OF THE PARTY		RECISTRATION NO.	1
ORK STARTED 3-	S. HOUSEN		ISTY	

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Ways Stone

Surfact COMPLETION	REPORT - LON	NG ISLAND W	VELL N-	8	Well No.
SEDAS	1,073,000			• 1	oc oc
ADDRESS 7	HucePl	2 cr		Ground Surface EL	_fl. above
LOCATION OF WELL	1 Meers	54C 54		Α	
CARROSE ST.	DEPTH TO CROU	ND WATER FROM SU	RFACE	TOP O	F WELL
	. 20	62	ft.	TOP	5014
	CASINGS				
DIAMETER & in.	in.	in.	in.	500	Xi.
LENGTH 30 h.	nzo.	n.	ft.	- 5	02
MINIO WINT	CASINGS REMOV	30-		-	
	SCREENS	00			
MAKE	OPENINGS	16			
JUHNSON	7.6	76			
DIAMETER O In.	in.	in.	inc		
LENGTH 2	ft.	n.	ft.		- 1
DEPTH TO TOP FROM TOP OF CASING		//3-A-			
	MPING TEST			-	92
DATE 3-27-84	TEST ON PERMAN	ENT PUMP!		500	43
DURATION OF TEST	MAXIMUM DISCH	ANGE			
days 2	hours	20	gallons per min.	00	
STATIC LEVEL PRIOR TO TEST in belo	W LEVEL DURING	MAXIMUM PLMPING	in, below top of casing	1 .	52-
MAXIMUM DRAWDOWN Approxima	asing He lime of return to nor		the first terms are the second of the second	1	
H.	he:	1,	min.		- 1
TYPE MAKE	PINSTALLED	MODEL NO.			,
MOTIVE POWER MAKE		H.P.		19	1
MULTIVE POWER		10000			l`
CAPACITY	1	10602	d discharge head	2	50
NUMBER BOWLS OR STAGES	T. M.A.			707	1.5
DROP LINE	17440.023	SUCTION LINE	of total head	4.	and .
DIAMETER.	DIAMETER	TOUTION EME		GZ.	7
RENGTH	In. LENGTH	÷	18.	1	Corp.
t t	ft.		ft,	T. Carrie	
METHOD OF DRILLING Cable tool Graher Hugor	USE OF WATER	V			.6
WORK STARTED 3-27-8-4	COMPLETED	3.27.84		6	2-
DATE 3-27-84 DRILLERS, HAN.	SITU	REGISTRA			
*NOTE: Show log of well - materials enco water bearing beds and water la additional pumping tests and oth See Instructions as to Well Drille Pages 5 - 7. ORIGINAL - Environmental	evels in each, cases matters of interestrs' Certificates of R	below ground su sings, screens, st. Describe repa	rface, pump, ir job.		

DROP LINE DIAMETER DIAMETER in. 网络... LENGTH LENGTH h. USE OF WATER cottary cable find of taker Ausjon METHOD OF DRILLING UBSV COMPLETED WORK STARTED REGISTRATION NU. ORILLER DATE 1567 HANSON

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*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' Certificates of Registration and Reports. Pages 5 - 7.

Suriozk-

Court)	COMPL	ETION RE	PORT - LONG IS	LAND WELL	N	-10	Well No.	
Suffork	Court	How	TH SURVICES			Ground Surface	LOG	
ADDRESS	n. 75		116932105			El	ft, ab	Divers
225 K 2/3	FO 14	H	119712105			Α.		1000
CARRICE	5		NUYAC			Y		- 11.
DEPTH OF WELL BELOW SU	BFACE,	.1.	DEPTH TO GROUND WAT	ER FROM SURFACE	S	7.04	OF WELL	
WAS 145	Now	40 m.		18.62	tl.	-		
		CAS	INGS			-	a 1	
DIAMETER	n i	385-91	f .	1	in.	20	VP	
Z in.		in.		6.1	18.		4	
38 m.		ft.	- ti		ft.	6	eour	
SEALING			CASINGS REMOVED	-1			1	
AL.	515		CASINGS REMOVED	314			V	
		SCRE	EENS				*	
MAKE	. 1		OPENINGS DIG				- 1	
DEAMETER A OFFICE	C7V		KITO	100				
DIAMETER		10.	1	. 1	in			
LENGTH		1004						
2 11.		II.			(1,			
DEPTH TO YOP FROM TOP O	OF CASING						- 1	
38"		-2000400	314 00 A		_		14	
6.00		PUMPIN	G TEST TEST OF PERMANENT PU	MPT	_		40	_
DATE	-84		77				- 1	
DURATION OF TEST			MAXIMUM DISCHARGE				1	
gays		4 hours			ons per min.		aux	
STATIC LEVEL PRIOR TO TE	31	in, below top of casing			n, below op of casing	1	451	
MAXIMUM DIKAWDOWN		Approximate tin	ne of return to normal leve	lafter cessation o	f pumping	/		
	FT.		hrs.		min.	1		
TYPE	MAKE	PUMP IN	STALLED	ODEL NO.		1	5	
1,175	7111			170-11-15-15		Lora	D.36	
MOTIVE POWER	MAKE			f.P.		î l		
						>	Charle	
CAFACITY				Johnstein	20x2-220X	. 1/	1/	
NUMBER BOWLS OR STAGES		.p.m. against		It. of disc	harge head	V	Y	
NUMBER BUTTLE ON STATES	£.;			ft, of total	I head	2.	·	
DROP	LINE		such	TION LINE				
DIAMÈTER	6.1116		DIAMETER	1244			- 1	
		in.			in.			
LENGTH		2000	LENGTH		71.			
		n,	100 00 00 00		n.	1	- 1	
METHOD OF DRILLING rotary cable tool	Swall Fa	ONE.	USE OF WATER			1		
WORK STARTED		-	COMPLETED /	401		1	145	
4-23	- 54		4-2			-		
DATE	DRILLER	dem	1	REGISTRATION 156-7	NO.			
703 39	U.	HANSET	-	1567				
additional pun	beds and ping tests	water level and other ma	red, with depth below s in each, casings, atters of interest. Des entificates of Registra	screens, pump cribe repair job),			

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TAR NAMED IN		
35.17.50.00		

Suffer	COMPLETION RE	PORT - LONG ISL	AND WELL	N-11 Well No.
Sultork	County Horse	4 Susciess		* LOG Ground Surface
ADDRESS	100. X	11- 02 -		Elti, above
LOCATION OF WELL	4.7540 VL	HART PHONES		<u> </u>
Curcent	ST	Norma		<u>v</u>
DEPTH OF WELL BELOW	SURFACE	DEPTH TO GROUND WATE	FROM SURFACE	TOP OF WELL
W45/20	NOW 2/ 11.		16,20 ft.	4.5
	CAS	SINGS		1000
DIAMETER	in.	in.	in.	8
LENGTH C	m, in,		1	
19	t. the	ft.	ft.	Spoon.
SEALING		CASINGS REMOVED	99"	
KINI	0	- Committee of the Comm	97	
MAKE	3CR	EENS TOPENINGS		
Jan	Son	DIFENINGS 1016		
DIAMETER	0.570		1	
×	inci in-	in,	in.	
LENGTH 2	n,	n.	ti.	
DEPTH TO TOP FROM TO	OF CASING	·		
	PUMPIA	NG TEST		
DATE /	ve Col	TEST OR PERMANENT PLM	P.F.	
7-1	6-84	MAKIMUM DISCHARGE		-
DUKATION OF TEST	5	- Contraction and the Contraction of the Contractio	# gallons per min.	31/
STATIC LEVEL PRIOR TO	175 C 100/5	LEVEL DURING MAXINUM		
	t. top of casing	n.	top of casing	
MAXIMUM DRAWDOWN	Approximate to	me of return to normal level		
	n,	hrs.	min.	λ.
TYPE	PUMP IN	STALLED	DEL NO.	Sento
LAPE	mane:	177	C	1 11 2 2
MOTIVE POWER	MAKE	H.	Ρ,	
				01
CAPACITY	the second second		ft. of discharge head	Romano 1
NUMBER BOWLS OR STA	GES g.p.m. against	v v	THE WASHINGTON	
	VINE		ft, of total head	5 p
	OP LINE	- Constant	ION LINE	
DIAMETER		DIAMETER	99	7
LENGTH	in.	LENGTH	16.	V
LINGIN	ft.	a	n,	3
METHOD OF DRILLING		USE OF WATER		
rotary cable to	not Former 141,72	COMPLETED		2002 81
WORK STARTED	4-25-84	COMPLETED 426		120
DATE 4-26-8	DRILLER S. HACKSE	-av	RECISTRATION NO.	
water bear additional r	well - materials encountering beds and water level oumping tests and other materials as to Well Drillers' C	ered, with depth below : Is in each, casings, s atters of interest. Desc	creens, pump, ribe repair job.	

OWNER		REPORT - LONG	ISCAND NE	X	1-12
Sc	D#S				* 10
ADDRESS	P	11	200 SES		Ground Surface
LOCATION OF WELL	KABRO DE	- HAU	PAUSE		El
1.14	Penso Ro		Notre	20	٨
DEPTH OF WELL BELDW	SURFACE -	DEPTH TO GROUND		CE	TOP OF
9	43 tt.	O	W-90240-01-4-0055-004	ft.	4
DIAMETER		CASINGS			3/2
9	n.	in.	in.	in.	
TENGTH.	E	orden i	71114C 11 4 +++		Az es de
4/1	E .		ft. meur	ft	
SEALING	_	CASINGS REMOVED			
	5	OREENS	- 1		Solo
MAKE -		OPENINGS	an data o		7 100
	USON	.0	16		7.8
DIAMETER.		. 1	1		
LENGTH OX II	1.	in.	HI.	16.	
2 "	E F	45	n.	ft	
DEPTH TO TOP FROM TO	P OF CASING				En
71		PING TEST			020
DATE		TEST OR PERMANENT	PUMPT		
	-9-84	709	51		
DURATION OF TEST	f 200	MAXIMUM DISCHARO	4		
STATIC LEVEL PRIOR TO	TEST	LEVEL DURING MAXI	The second second second second	liges per min,	1
ft	in, below top of cas		n,	top of casing	Smith
MAXIMUM DRAWDOWN	The second second second	time of return to normal le	evel after cessation	of pumping	
	ft.	tus.		min.	
TYPE	MAKE	INSTALLED	MODEL NO.		,
					NI -
MOTIVE POWER	MAKE		11,2,		Con
CAPACITY					1
The Street of th	Market William Committee	Samuel House	TOWN AND	A PROPERTY AND ADDRESS.	Selection Property
HOWER EWES OF STAG	THE PERSON NAMED IN COLUMN	The second	AND DESCRIPTION OF THE PARTY OF	-2006/04	200
de management and a	in a sure series		ft. of tota		Service Belleville
DIAMETER	P-LINE WHI	DIAMETER	ICTION LINE	MARCHAN.	The second second
	-442 II			wagin.	27225
DESCRIPTION AND PROPERTY.		I MENGTH	984 FF	The same of	SHEW BLAN
CAPAN .	A Th	- TOPE OF THE PERSON NAMED IN	481/-	ft.	
AND PROPERTY OF THE PERSON NAMED IN	One Auton	USE OF WATER			
METHOD OF DICILLING	-0	COMPLETED	C 5000		
rotary cable too	Visit Bas Chipperopart	7-9	284		
Tritary Cable tool WORK STARTED	5-9-84	3 /	The second secon		
☐ rotary ☐ cable tool WORK STARTED	OFILLER		REGISTRATION		
DATE	S-9-84 ORILLER LANSE vell - materials encoun	ev e	REGISTRATION	2	

Courty	COMPLETION RE	PORT - LONG 15	SLAND WELL	N-14 WEIL NO.
OWNER SCD	NS			* LOG
ADDRESS 225	PABRU DR	Uhous	PARET	Ground Surface
LOCATION OF WELL	P. A. R	x la cue	•	<u>^</u>
DEPTH OF WELL BELOW S	UNFACE	DEPTH TO GROUND WA	TER FROM SURFACE	TOP OF WELL
	22 n.		.0Z n.	- SoND
DIAMETER	CAS	INGS		
20 In	in,	35 0	n. 1	n.
LENGTH RO IL	th.	ero.		Slow
SEALING	- 100	CASINGS REMOVED		
_				-
MAKE #	308	OPENINGS	,	7 to
IOHN:	Sow	tunites, 070	e	5.0
DIAMETER & in	in.	F .	n. i	F.
LENGTH.			1	
2 h	n,		1. 1	1 Soms
DEPTH TO TOP FROM TOP	OF CASING			
	PUMPIN	G TEST		
DATE 5-	10-84	TEST OR PERMANENT PU		
DURATION OF TEST		MAXIMUM DISCHARGE		
day		LEVEL DURING MAXIMU	-/O gallons per m	Mi.
STATIC LEVEL PRIOR TO	THE DESIGN	Fallence statement and	in, below top of casi	
MAXIMUM DRAWDOWN	200	me of return to normal leve	i after cessation of pumping	
	n. norman	STALLED	81	n,
TYPE	MAKE		HODEL NO.	
MOTIVE POWER	MARE		н.Р.	- 1 1
MODIFIC FORTER	27777			
CAPACITY	50940 to	- Consection .	The Supercial	There are a second
NUMBER BOWLE EN STAG	Biband Marine	him.	of fi, of discharge hear	1 1000
San I	Market Service Co. A	一种种的	ft. of total head 40	Mile On the Court of the Court
DRO	P LINE	DIAMETER	TION LINE	- 10 Apr - 1
ASSESSMENT NOTICE	agassa. in,	35	3	Charge of the State
LENGTH	The same of the same of	LENGTH THE STATE OF	Same 47	and the same
METHOD OF DRILLING	ft.	USE OF WATER	- Service -	
Totary Cable too	Stother Aug 172	Offer		
WORK STARTED	10-84	COMPLETED	0-84	
DATE	DRILLER		REGISTRATION NO.	
5-10-84	Hamse	****	1567	
water bearin additional pu See Instructi Pages 5 - 7.		ls in each, casings, atters of interest. Des Certificates of Registr	screens, pump, cribe repair job.	
ORIG	INAL - Environmental Con	servation Copy		3

Well No.

SUFFER

County	COMPLETION RE	PORT - LONG ISLAND	WELL	N-15 Well	No.
OWNER SEDAS	3			* LOG	
Sparel	ABRO DR	HANPPAUG5		Ground Surface	II. zbov
LOCATION OF WELL		Norte		<u> </u>	
DEPTH OF WELL BELOW SU		DEPTH TO GROUND WATER FROM S		TOP OF WI	ELL
		INGS	114	SAMO	
DIAMETER 2 in.	in	inc	in.		
LENGTH 20 n.	ft.		ft.	Genu	2
SEALING		CASINGS REMOVED			
W. Co	SCR	EENS Toseum-s		1/3 m (1/596)	
TOHN'S	ien	OPENINGS -7016-	1 M	1/2 - 1/2	
DIAMETER & III.	9 in.	inc	in,		
LENGTH 2 11.	ñ.	n.	ftu		Ŋ.
DEPTH TO TOP FROM TOP (OF CASING				1
DAY		G TEST TEST OR PERMANENT PUMP!		24.7	>
5-15	-84	1041			
DUKATION OF TEST days	2 hours	MAXIMUM DISCHARGE	gallons per min.		
STATIC LEVEL PRIOR TO TE	in, below top of casing	LEVEL DURING MAXIMUM PUMPING	in, below top of casing	-	
MAXIMUM DRAWDOWN		ne or return to normal level after cess	Ation of pumping	2	
	FUMP IN	STALLED	With the		
TYPE	MAKE.	WODEL NO.			
MOTIVE POWER	WAKE	H.P.			
CAPACITY	g.p.m. ágálast	State - Pr	of discharge head so	ACTION OF THE	A Service
NUMBER HOWLS ON STAGES		The same of the sa	of total head	No. of Street	
DROP	LINE -	SUCTION LINE		4 13	
DIAMETER		DIAMETER	در درخوانی اور پیرو		Zobi
LENGTH NO	Andrew Pillion a	LENGTH AND TO THE RESERVE OF THE PERSON OF T		- A	
METHOD OF DRILLING	Arone Brown	USE OF WATER	Benderson	=	
WORK STARTED	5 -84	COMPLETED 5-15-84	/		
5-15-8H	DRILLER	REGISTRA	TION NO.		
	HANSON		67		
water bearing additional pum	beds and water levels ping tests and other ma is as to Well Drillers' C	red, with depth below ground s s in each, casings, screens, tters of interest. Describe repa entificates of Registration and	pump, Lir job.		
	DUPLICATE - Reta	in Inn Copy	, ,	9.	100

Courty	COMPLETION RE	PORT - LONG I	SLAND WELL	للم	16
SCDA SCDA	5				* LOG
Action (California California Cal	4820 DR	HM	SPAUST	Graved Su	rface It. ab
Sous HOAR	Son Huy	Neyne		_^	
DEPTH OF WELL BELOW SURI	23 II.	DEPTH TO GROUND WA	TER FROM SURFACE	1	TOP OF WELL
		INGS	1000		EMP
DIAMETER 2 In.	in.		in. I	n.	
LENGTH RI	n.	-15 -19	n n		CHENOC
SEALING		CASINGS REMOVED			
-	SCRE	ENS		7	1 1
MAKE TO 420S	enl	OPENINGS 10/	6 " "	A6.	0.90
2 in.	in.		n.		
LENCTH 2 n.	tt.		r. tr		2+20
DEPTH TO TOP EROM TOP OF					
	PUMPIN				1 1
5-16	-94	TEST OR PERMANENT PU	IMP1	1	
DURATION OF TEST	2 hours	MAZIMUM DISCHARGE	2D gallons per ma	n.	=
STATIC LEVEL PRIOR TO TES		LEVEL DURING MAXIMU		23	-
MAXIMUM DRAWDOWN	Approximate tim	e of return to normal leve	after cessation of pumping		
	ft. PUMP INS	hrs.	min	60	
YPE	MAKE		HODEL NO.		
NOTIVE POWER	MAKE		t.P.		
CAPACITY		Village	and the second section is	E Atean	
NUMBER BOWLS OR STAGES	g.p.m. against	THE RESERVE OF	ft, of discharge head	and trees	10 mg
BROW (ture :	****	ft. of total head	1991 3	4
DIAMETER SE		DIAMETER	TION LINE	5.46	- 15
ENGTH:	in.	TENGTH	The same of the sa		日本の意味
AETHOD OF DRILLING	en Une	USE OF WATER	H.	504	
CRK STARTED		COMPLETED	-84	+ 1	
	WILLER		REGISTRATION NO.	- 1	
NOTE: Show log of well	HANS ON		1567	-	
water bearing b additional pumpi	peds and water levels ing tests and other mat as to Well Drillers' Ce	in each, casings, ters of interest. Des	screens, pump, cribe repair job.		
ORIGINA	L - Environmental Cons	ervation Copy		1 1	8 6

Suffere.

OWNER		N REPORT - LO	NG ISLAND W	ELL J	-17	WW.31 Pett.
	DHS					roc
125 RAG	RO DR	Haut	PAUST		Ground Surface	! !!abo
SAS HARA	a Hur		NOTATE FROM SURE		A	
DEPTH OF WELL BELOW S	Minimum	(())		ACE	TOP	OF WELL
	23	CASINGS	10.91	ft.	4	. 1
DIAMETER	Ti .	1			20	10
≥ in. ENGTH	L	in.	in,	in.		
LI H.	1 30	n. + == =	11.7" 100			
EALING		CASINGS REMOV		ft.	SA	esur
AKE		OPENINGS	10.000			
-64N	Sen	300000000000000000000000000000000000000	016 "		7 100	
NAMETER	7	2011		100		- 1
ENGTH OF IT.	1	in,	in.	in.		
2 11-		ft.	tt.	Tt.		
EPTH TO TOP FROM TOP	OF CASING					1
×0	Pt	MPING TEST				
ATE	TC 0.5502	TEST OR PERMAN	ENT PUMP!			
3-Z	1-84		1551		520	NS
den	/	MAXIMUM DISCH	4.	Was amal	100	55.50
TATIC LEVEL PRIOR TO T		THERET PROPERTY	ANIMUM PUMPING	in, below	1	
AXIMUM DEAWDOWN	fee of a	asite	ft.	top of casing		
NAMES DESTRUCTOR	tt.	Me time or return to norm hrs.		5.	-	
	PUM	F INSTALLED	11000 VA - 314 - 3	min,		-
PE	MAKE		MODEL NO.		23 0	-
OTIVE POWER	MARE		H.F.			
- Company of the Comp			14.11.12			
PACITY *Boomer >====================================	Balance (Cultural Control Cont	net less	and the second second	Garage and Control	110000000000000000000000000000000000000	
JMBER BOWLS OR STAGES	The decidence	and the second second	ft. of di	scharge head	1.00EU -2011	
CHINASAN AND THE	ASTANIAN.	LINE SAME - CAMPAGE	fl. of to	tal head		-
- DROP	LINE	WALL COMPANY	SUCTION LINE-	1 +5-04		07
		DIAMETER in.		- 3		
NGTH Streets	and leading	MENGTH:	1-36 Ste	III.	100 m	Selfon I -
THOD OF DRILLING	te 12	ft. water		ft.	5 . 66	CONTRACT CO.
rotary E cable tool 4	Stother PULSE	USE OF WATER	/			
RK STARTED		COMPLETED			- 9	
5-2	1-84 DRILLER	5	-21-84			
5-21-84	Houson	/	REGISTRATION			
water bearing additional pum	II - materials enco beds and water le ping tests and othe	untered, with depth bevels in each, casing matters of interest. Securificates of Reg	elow ground surfac ngs, screens, pun Describe repair io	e, p,		
	DUPLICATE -	Retain Ion Copy				- 4

Sutter

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	OMPLETION REF	ORT - LONG ISLA	IND WELL	N-/8 well	71.00
SODAS	3			Ground Surface	1-172039
225 RAB	Ro X	Hough	Arcto	19201	t, above
LOCATION OF WELL				v v	
DEPTH OF WELL BELOW SURFACE	E	DEPTH TO GROUND WATER	FROM SURFACE	TOP OF WE	LL
DEFIN OF WELL PERSON	33/211.		21.41 n.	510ov	>
	CAS	INGS			
DIAMETER Zin.	in.	in.	in.	1 00	1
LENGTH 3//21.	tt.	n. ^{se}	er -,-tt.	State	en
SEALING		CASINGS REMOVED		1.07325	
	979	EENS		1	
MAXE	301	T SOURCE CO.	+ 100		
TOXUSON	/	0/6	<u> </u>	- 1	
DIAMETER 2 in.	in.	in.	in.		
LENGTH 2 IL	n.	ft,	tt.	Sata	S
DEPTH TO TOP FROM TOP OF C	ASING				
3//2	PUMPH	G TEST		- 1	
5-2Z	-84	TEST OR PERMANENT PUMP			ř
DURATION OF TEST		MAXIMUM DISCHARGE	2 gallons ser min		
STATIC LEVEL PRIOR TO TEST	in, below top of casin	LEVEL DURING MAXIMUM I	UMPING in below top of casin		
MAXIMUM DRAWDOWN	Approximate t	the of retain to normal level a	iter cessation of pumping min		
		STALLED		33/2	
TYPE	MAKE	MO	DEL NO.		
MOTIVE POWER	MAKE	H.1	5: 		
CAPACITY	g.p.m. agalost	1912 and 1912	nt. of discharge head	Grand Communication	
NUMBER BOWLS OR STAGES		The second	ft, of total head	Marriage 12	18
DROP L	INE		ON LINE	- 1	
DIAMETER	(in	DIAMETER	ir ir		Special Contract of the Contra
LENGTH	200	LENGTH =	79 796. 240	E	
METHOD OF DRILLING	t.	USE OF WATER	, The Salt		160
METHOD OF DRILLING ☐ rotart ☐ cable tool ☐ WORK STARTED	other HU ZUIC	COMPLETED	- 94	7	
5-2		5-2	Z-84 REGISTRATION NO.	- 1	
5-22-84	Housan		1567	_	
*NOTE: Show log of well water bearing to additional pump See Instructions Pages 5 - 7.	eds and water lev	matters of interest. Desc Certificates of Registra	ribe repair job.		

Suffere

Surfee.

Surmer	1000			Well No.
Courty	COMPLETION REF	ORT - LONG ISL	AND WELL	11-19 "11 10
SCDH	<			* LOG
				Ground Surface
225 Res	she DL.	HAUPPAUS		El,11, i
LOCATION OF WELL	0	1000		^ <u>^</u>
DEPTH OF WELL-BELOW SE	REACE.	DEPTH TO GROUND WATER	FROM SURFACE	TOP OF WELL
DENIH OF HETCHEROM ST	ZZn.		7.75 11.	SHUD SHUD
		ING5		
DIAMETER	i .	in.	7	in. SAATO
Z in.	in.	SHEET THE	75	749
20 11.	ft.	1961 P. 1 44 1 R.		ft.
SEALING LANT-		CASINGS REMOVED		
	508	EENS		
MVKE	3011	OPENINGS	1. 04	151
I Hals	enl	,016		
DIAMETER			1	in. Servis
2 111.	in,	in.	74	
LENGTH 2	1 40	n.		14.
DEPTH TO TOP FROM TOP	OF CASING			
20'		NG TEST		
DATE	FUMPI	TEST OR PERMANENT PUM	PI	
5-2	3-84	1081		
DURATION OF TEST	TAIT SE	MAXIMUM DISCHARGE	Ze gallons p	er min.
649	and the second s	LEVEL DURING MAXIMUM		
STATIC LEVEL PRIOR TO	too of casin	fr.	105 0	casing
MAXIMUM DRAWDOWN	Approximate t	ime of return to normal level	after cessation of pum	and the last of th
	it.	E6		22
TYPE	PUMP II	MSTALLED	ODEL NO.	
M55				
MOTIVE POWER	MAXE		L.P.	
				WIII
CAPACITY	g.p.m. against	- engine	h, of discharge	head
NUMBER BOWLS OR STAC		1 34 Pup	ft, of total hea	THE PROPERTY OF THE
Allowing Topics		11103	TION LINE	7.4
DIAMETER	OP LINE	DIAMETER	TOR LINE	
W17/7961675	jm.		Irlan	In the state of
LENGTH "SMEETY"	The same	The state of the s	Mark .	No.
+"	er ft.	USE OF WATER	- 56	N-CHF-
METHOD OF DRILLING	ool of other Button	- 01	80	
THE STATE OF THE S	The state of the s	COMPLETED	13-84	
5	-23-84	57	REGISTRATION NO.	
5-23-84	DRILLER HAN	SED	1567	
Des et	well - materials encoun			
meter beer	ing hads and water lev	els in each, casings,	2CIECUS* bringht	
additional t	numping tests and other	matters of interest, bes	cribe repair jub.	
See Instruc	tions as to Well Drillers'	Certificates of Registr	ation and Reports.	
Pages 5 - 7	4		11	
	and the second s	Commence Commence		

L com y	COMPLETION RE	PORT - LONG	ISLAND W	ELL N	- 42	0
Se.	D45				esson sangra	* roc
225 K	PARRE DE	Home	Ares 5		Ground Surt	ace ft, at
CATION OF WELL	Kiem Ri	5	Taksans	ren	_^	
PTH OF WELL BELOW SU	RFACE ST H.	DEPTH TO GROUND	WATER FROM SUR	FACE II.	1	OP OF WELL
		SINGS	PE	1111	S	5NS
METER		1	79			20000
₽ in.	in.		ins	ini		
GTH	1	f -		19201		N
A/ ft.	ft,	CASINGS REMOVED	h.	ft.	7	RAGOR
	828	EENS				
Œ	2. 10041 3-122	OPENINGS	2002	-		- 1
METER -OH	a Sen	.0	16		5	2000
of in.	le:		in.	in.	1	cupy
VCTH 2		į.	1	h.		
PTH TO TOP FROM TOP	OF CASING		. 0, .]	114		
	20420	G TEST				Smi)
TE	FUMPI	TEST ON PERMANENT	PUMPI			2000000
		and the second			. 1	
RATION OF TEST	2 hours	MAXIMUM DISCHARO		gallons per min.		
ATIC LEVEL PRIOR TO T	in, below	LEVEL DURING MAN	WIN PHING	in, below		1
AXIMUM DRANDOWN	top of casing	me of return to normal i	evel after cessari	top of cating		
31114	ti.	bra.		min.		
		STALLED				
E	MAKE		MODEL NO.		21	
TIVE POWER	MAKE		H.P.	-	3.0	
272040						
PACITY	g.p.m. against		ft. of	discharge head	- 1	
MBER BOWLS OR STAGE			-	7-1	. 1	- 4
			ft. of	total head		
DROP	LINE	DIAMETER	UCTION LINE			- 01
MC1Es.	in.	DIAMETER		100	- 1	
GTH	, ma	LENGTH		in. 5290v	CCop.	8 20
NION OF SAULTUR	ft.	VIEW OF WARRE		FOREST N.		
THOO OF DRILLING	de-other	OB V				
RK STARTED	× 64	COMPLETED	1011			
6-3	-84	6-	4-84			1
6-4-84	HANGER HANGER	J	REGISTRATIO		- 1	
water bearing additional pur	ell - materials encounte beds and water level pping tests and other mans as to Well Drillers C	red, with depth bel s in each, casing otters of interest, D	s, screens, pu escribe repair	imp,		

*NOTE: Show los at well - materia - encountered, with depth below around surface, water bearing beds and water levels in each, casings, screens, bump, additional pumping tests and other matters of interest. Describe repair jub. See instructions as to Well Brillers Certificates of Registration and Reports, Dages 5 - 7.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION COMPLETION REPORT - LONG ISLAND WELL N-22 Well No. * LOG MATH SURVICES Ground Surface ft, above sea LOCATION OF WELL DEPTH OF WELL BELOW SURFACE THE THE SUSTEN VULLID OUT TOP OF WELL CASINGS DIAMETER in. LENGTH it. Ħ. tt. SEALING CASINGS REMOVED SCREENS MAKE OPENINGS .016 NOUTHNSON DIAMETER le. m. in. LENGTH 99 ft. 11. ŤF. DEPTH TO TOP FROM TOP OF CASING 3 PUMPING TEST DATE TEST OR PERMANENT PLMP? MAXIMUM DISCHARGE DURATION OF TEST hours days 340W gallons per min. STATIC LEVEL PRIOR TO TEST LEVEL DURING MAXIMUM PUMPING in, below in, below top of casing top of casing MAXIMUM DRAWDOWN Approximate time of return to normal level after cessation of pumping ft. PUMP INSTALLED TYPE MAKE WODEL NO. MOTIVE POWER MAKE -.P. CAPACITY g.p.m. against ft, of discharge head NUMBER BOWLS OR STAGES ft, of total head 50204 DROP LINE SUCTION LINE CLAY DIAMETER DIAMETER in. LENGTH. LENGTH ft. METHOD OF DRILLING 118 USE OF WATER rotary cable tool Fother Auton 168 WORK STARTED COMPLETED 7-31-84 7-30-84 DATE DRILLER REGISTRATION NO.

*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' Certificates of Registration and Reports, Pages 5 - 7.

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7-31-84

Well No. COMPLETION REPORT - LONG ISLAND WELL N-ZZ-B * 100 Ground Surface ff. above sea - ft. TOP OF WELL 13.14 CASINGS DIAMETER 10. 3114 LENGTH ft. m. CASINGS REMOVED SEALING SCREEMS OPENINGS MAKE .016 DIAMETER in. m. LENGTH fr. ħ. ft. tr. DEPTH TO TOP FROM TOP OF CASING PUMPING TEST TEST OR PERMANENT PLMPT DATE 10-9-81 6081 MAXIMUM DISCHARGE DUKATION OF TEST 2-10 15 gallons per min. LEVEL DURING MAXIMUM PUMPING STATIC LEVEL PRIOR TO TEST n, below in, below top of cusing top of casing Approximate time of return to normal level after cessation of pumping MAXIMUM DRAWDOWN hrs. ft. PUMP INSTALLED MODEL NO. MAKE TYPE E.P. MAKE MOTIVE POWER CAPACITY it, of discharge head g.p.m. against 68 NUMBER BOWLS OR STAGES ft, of total head SUCTION LINE DROP LINE DIAMETER DIAMETER LENGTH LENGTH USE OF WATER METHOD OF DRILLING Totaly Cable fool Control Author 110 COMPLETED WORK STARTED 10-8-84 REGISTRATION NO. 1567 *NOTE: Show log of well - materials encountered, with depth below ground surface, water bearing beds and water levels in each, casings, screens, pump, かかり additional pumping tests and other matters of interest. Describe repair job. See Instructions as to Well Drillers' Certificates of Registration and Reports, Pages 5 - 7. Ion Copy DUPLICATE - Retain

Sultax

	Louity	COMPLETION RE	PORT - LONG	ISLAND WEL	L N	-23	Well No.
OWNER S	Horx C	bunty Hox	MAN Some	וענדים		8.	LOG
ADDRESS 22	5 RABRE	The second secon	Houlles			Ground Surface	efs, above
LOCATIO	IN OF WELL	2 Uny	Su	11.02.0		<u> </u>	
and the second second	F WELL BELOW SLRF	ACE	DEPTH TO GROUND	WATER FROM SURFA		TOP	OF WELL
WAS C	27'	NOW 10 H.			5 m.	3,40	P
DIAMETE	k .	GA:	SINGS			10010	
revers.	02 in.	10-		in.	in.	-	
LENGTH	# n.	ft.		n.	0.7	5' DIN	15 34NP
SEALING	Novie	7	CASINGS REMOVED	111			HANDY
	VIEWE		EENS	//		14	
MAKE		1	OPENINGS				
DIAMETE	-10-HAJ 3	DOW .	,01	Ge			
	Q in.	in.		in.	in.		
LENGTH	2 n.	tt.	1	in.	h.	=	
DEPTH TO	TOP FROM TOP OF					10' =	
	0	POMPI	G TEST			-7	
DATE	8 1-84		TEST OR PERMANENT	PUMPE		(
DURATIO	8-1-84 N OF TEST	32.1	MAXIMUM DISCHAR	it.			
STATIC I	days EVEL PRIOR TO TEST	2 hours	LEVEL DURING MAX		llons per min.	21) 3	SING
ainin. L	t.	in, below top of casing	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	tt.	in, below top of casing	-/	
MAXIMUR	DKAWDOWN	The state of the s	me of return to normal	level after cessation	of pumping	4	٨
		ft.	STALLED	-	Min.	/ '	1
TYPE		MAKE	777220	MODEL NO.			150
MOTIVE P	OWER	MAXE		H.P.		1 0 200	No.
E I I	CHENNY			100000000		Fin	V
CAPACIT	Y	g.p.m. ageinst		ft, of dis	charge head	8	
NUMBER E	OWLS OR STAGES		1			27-	
	DROP L	INE	3	It. of tot	at sead	SERVEN	
DIAMETER			DIAMETER			29'	
LENGTH		in.	LENGTH		in	ck	su/
urruon i	OF DRILLING	h.	USE OF WATER		tt.		/
[] rotary	y 🗆 cable tool 🏕	rother Augus	061				
WORK STA		100	COMPLETED 8-	1-84			
3-/	-84	HOUSEN		HEGISTRATION			
	1,141,131,040,400,400,400	- materials encounte	red with don't be				
	water bearing be additional pumpi	eds and water level ng tests and other ma as to Well Drillers' C	s in each, casing atters of interest.C ertificates of Regi	s, screens, pum Describe repair jo	p, b.		

*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' Certificates of Registration and Reports. Pages 5 - 7.

ORIGINAL - Environmental Conservation Copy

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION Bell No. N-25 COMPLETION REPORT - LONG ISLAND WELL OWNER * LOG HOALTH SORVICUS Ground Surface ADDRESS ft, above sea TOP OF WELL BEACK TOO 16.80 CASINGS DIAMETER in. in. in. LENGTH ft. ti. ft. CASINGS REMOVED SEALING 23 SCREENS **OPENINGS** MAKE ,0/6 TUHNSON DIAMETER in. ins LENGTH ft. ft. 2 11. fta DEPTH TO TOP FROM TOP OF CASING PUMPING TEST TEST OR PERMANENT PLMP! DATE 8-8-84 2081 MAXIMUM DISCHARGE DURATION OF TEST gallors per min. hours LEVEL DURING MAXIMUM PUMPING STATIC LEVEL PRIOR TO TEST in, below in, below too of casing top of casing Approximate time of return to normal level after cessation or sumping MAXIMUM DRAWDOWN hrs. n. PUMP INSTALLED MODEL NO. TYPE MAKE H.P. MOTIVE POWER MAKE CAPACITY ft, of discharge head E.D.M. ESFINST NUMBER BOWLS OR STACES tt, of total head SUCTION LINE DROP LINE DIAMETER DIAMETER n. LENGTH LENGTH h. USE OF WATER METHOD OF DEILLING _ rotary _ cable tool _ tuther #4/5072 COMPLETED WORK STARTED 8-8-84 REGISTRATION NO. 8-8-84 *NOTE: Show log of well - materials encountered, with depth below ground surface,

*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' Certificates of Registration and Reports. Pages 5 - 7.

DUPLICATE - Relain | ion Copy

Suggest

OUT O	Je Conn	of Ho	ALTH SURVICE		Ground Surfa	* LOG ice ft, above
OCATION OF WELL	ABKE DA		Houl Houts		Α.	11, 2009
Sps Ha	REUR 11	Q'D			V	
SEPTH OF WELL BELOW	SURFACE	tesesty	DEPTH TO GROUND WATER	FROM SURFACE	T	OP OF WELL
LHS 45	Nord:	CASI	NG5	16.00 #.	- BA	MKTOD
NAMETER		5031		0:	7 1	SHUP
1	m,	īn.	in.	jn		oms
ENGTH 7/			fle	n,		p-12C
EALING /	11.4	ft.	CASINGS REMOVED			
VA			22		10+	
		SCRE	OPENINGS		— <u> </u>	THE
AKE Tout	USON		.016		_ 1	W. 0000 TATE
IAMETER	V.29N			1		
2	in.	in.	in.	in	(a-	
ENGTH 2		n.	ft.	ft.	.	
EPTH TO TOP FROM	TOP OF CASING	Har	114			
21					=	
		PUMPIN	TEST OR PERMANENT PUMP)	=	
STON	200 8-13	2-84	1081 OK PERMANENT FOR	10		
JURATION OF TEST	Eest or	, 0,	MAXIMUM DISCHARGE	ZO sallons per mi		=
	days	Z hours	LEVEL DURING MAXIMUM P	E I I I I I I I I I I I I I I I I I I I	23	
TATIC LEVEL PRICE	ti.	in, below top of casing	It.	top of casif	2.0	
AAXIMUM DRAWDOWN	and the second second second	Approximate tim	e of return to normal level a	tter cessition of pumping		
	ft.		bes.	mit	14:	
YPE	MAKE	PUMP INS		DEL NO.	7 1	- Wille
						7
0.5	.1.		14.8			come
93-5	MAKE		H.P	¥.		(6)
NOTIVE POWER	WAKE		16.6		- 1	
KOTIVE POWER		n.m. against	The state of the s	ft. of discharge head	1	
APACITY	S-	p.m. against	THE	ft. of discharge head		
KOTIVE POWER APACITY HUMBER BOWLS OR ST	FAGES 8-	p.m. 4galest		ft. of discharge head	4	
APACITY NUMBER BOWLS OR ST	S-	p.m. against	SUCTI	ft. of discharge head	<u>.</u>	
APACITY HUMBER BOWLS OR ST	FAGES 8-	p.m. against		ft. of discharge head ft. of total head ON LINE	d n. 1/2	
APACITY HUMBER BOWLS OR ST	FAGES 8-		SUCTI	ft. of discharge head ft. of total head ON LINE	n. # <u></u>	Sombol
ADTIVE POWER APACITY NUMBER BOWLS OR ST DIAMETER LENGTH	AGES ROP LINE		SUCTI DIAMETER LENGTH	ft. of discharge head ft. of total head ON LINE	n. # <u></u>	Souton
ADTIVE POWER CAPACITY NUMBER BOWLS OF ST DHAMETER LENGTH	ROP LINE	in.	DIAMETER	ft. of discharge head ft. of total head ON LINE	n. # <u></u>	Source
APACITY LENGTH METHOD OF DRILLING Cable	FAGES NOP LINE tool & other	in.	DIAMETER LENGTH USE OF WATER CON	ft. of discharge head ft. of total head ON LINE	n. # <u></u>	Source
CAPACITY NUMBER BUWLS ON ST DHAMETER LENGTH METHOD OF DRILLING TOLISTY Cable WORK STARTED 8-/3-	FAGES ROP LINE tool & other	in.	DIAMETER LENGTH USE OF WATER CON	ft. of discharge head ft. of total head ON LINE IT	n. # <u></u>	Senton
CAPACITY NUMBER BOWLS ON ST CHAMETER LENGTH METHOD OF DRILLING TOTALY Cable WORK STARTED S-/3-	ROP LINE	in. It.	DIAMETER LENGTH USE OF WATER CON	ft. of discharge head ft. of total head ON LINE IT TE REGISTRATION NO.	n. # <u></u>	Sound
CAPACITY NUMBER BOWLS OF ST DHAMETER LENGTH METHOD OF DRILLING MORE STARTED 8-/5-6 DATE 8-/5-54	FAGES HOP LINE TOOL other	in. tt.	DIAMETER LENGTH USE OF WATER COMPLETED 8-15-	It. of discharge head It. of total head ON LINE IT REGISTRATION NO. 1567	n. # <u></u>	Source
CAPACITY NUMBER BOWLS ON ST DHAMETER LENGTH METHOD OF DRILLING WORK STARTED S-/3-64 NOTE: Show log water bea	TAGES ROP LINE Tool of other Acceptance Tool well - materials and	in. h.	LENGTH USE OF WATER CONFLETED COMPLETED 8-/3- red, with depth below g s in each, casings, s	ft. of discharge head ft. of total head ON LINE IT REGISTRATION NO. 1567 round surface, creens, pump,	n. # <u></u>	Sound
CAPACITY NUMBER BUWLS ON ST CHAMETER LENGTH METHOD OF DRILLING WORK STARTED S-/3-54 NOTE: Show log water bed additional	TAGES ROP LINE Tool other Accordance of well - materials and pumping tests	in. tt. VSEV als encounte water level and other ma	DIAMETER LENGTH USE OF WATER COMPLETED 8-13-	ft. of discharge head ft. of total head ON LINE REGISTRATION NO. 1567 round surface, creens, pump, ibe repair job.	n. # <u></u>	Sound

OWNER	oum +	COMPLETION RE	PORT - LONG	SLAND WELL	L N	-27	Well No.
ADDRESS.	trace	Country Ho	ATTOM DESIGNATION			Ground Surfa	* LOG CE
225	KABR	2 18	HULLPPH	lect 5		El	fr, above
Six	OF WELL S. HAI 2BOS	2 11/2	See	LARBOR		<u>^ ^</u>	tr.
DEPTH OF N	TIL BELOW SURF	1 , 02	DEPTH TO GROUND W			70	OP OF WELL
WAS 5	5)	DUW 23 11.	INGS	16.13	tt.	13	HXX TOP
DIAMETER	2 11.	-		in.	in.	4	+10
LENGTH	21 =					1	& VICL
SEALING	1774	24	CASINGS REMOVED	2.2	it.		CHECK
	144	17.91	EENS		-	10	
MAKE		20.01	DPENINGS				
524700	Losting	iend	1016				2000
DIAMETER	12 in.	in.		an,	in.		MAZZ.
LENGTH	2.1	n.		n. 1	ft.		
DEPTH TO T	OP FROM TOP OF						
	~ _	PUMPIN	G TEST			1	-115
DATE	8-15-	84	TEST OR PERMANENT	UMPI S		23	Sould
DURATION	OF TEST	2 hours	MAXIMUM DISCHARGE		lons per mur.	23/	i
STATIC LEV	days EL PRIOR TO TEST 71.		LEVEL DURING MAXIM	UM PLIMPING	in, below	/	W
MAXIMUM D	RAWDOWN	Approximate tir	ne of return to normal le-	vel after cessation o	of pumping min.	\	A
			STALLED			5.	11-
TYPE		MAXI		MODEL NO.		10	norsy
MOTIVE POR	NEK	MAKE		H,P,		7	1.
CAPACITY		Learner Consissed at 1	1	rapespare	#1950/#204	H.	r
NUMBER BOY	WLS OR STAGES	g.p.m. against	1		harge head		
	DROP L	INF		11. of total	I head		
DIAMETER	DROT L		DIAMETER	T. I THE	16.2	*	Sould
LENGTH		in,	LENGTH		in.		Cray
METHOD OF	DRILLING	n.	USE OF WATER		ft.		
TOTALLY WORK START	ED.	ather Hutton	COMPLETED	58 5250			
	8-15	- 84/	8	-15-84			
B-/	5-84	RILLER HOSN'S	35V	REGISTRATION			
*NOTE: Sh wa ad Se	now log of well ater bearing bi iditional pump se Instructions ages 5 - 7.	- materials encounte peds and water level ing tests and other ma as to Well Drillers C L — Eavironmental Con	red, with depth belo s in each, casings atters of interest. De entificates of Regis	, screens, pump escribe repair job),),		

OLK COUNT	Y HEALTH SERVI	CES				* LOG
	The second second second second	36.86.86				
RABRO DR	. HAUPPAUGE				11	fl. #5000
	R IND.	SAC HAPROP			_^	
WELL BELOW 5 LA			R PROM SURFACE			TOP OF WELL
451 N	OW 231 ft.		181	tt.	BLA	CKTOP
	CAS	IN G S				
2	10		1	10	SAL	
	10,		1		2. 3	SOME LAND FILL
21' ".	ft.	n,		it.		FALL
-/-		€ ASINGS REMOVED	Set .		10"	SAND &
n/a	244		•			GRAVE
	2010					1 1
JOHNS	ON	Desiry Charles Charles				
		1	10			1 1
2 in.	in,	in		in.		
2 0 1		1 22	1	1200		
					221	FINE
					23	SANDY
-	PUMPIN	the state of the first and an indicate the first transfer against a second	100			- Jana
		CAMPINES URASANTASINAS	eP r			
		MAXIMUM DISCHARGE	-			
COME II CHEAT	2 hours	CONTRACTOR SHEET SHOUND	to 5 Mil	ons per min.		
	CV CV		DI GAPINO	2000000		1 1
n.	top of casing			and the state of t		1
DRAWDOWN	13:	2.7	atter cessation o			
		The state of the s		min.	RE	MOVED
	MAXE		00EL NO.			
						9
OWER	MAKE	14	·F+			
Ų-					·	SANDY
	E_D_M_ against		Tt. of disc	harge head	451	CLAY
OWLS OR STACES			Constitution of	vocent l		1/ -
		19000		head		1.17
	LINE		ION LINE	_		\ V/
	in the	OHOMETER:		in		
		LENGTH				
	n.			ft.		
Committee of the commit	Kosner -AUGER-					
	4	the state of the s	-84			
Granality (DRILLER		REGISTRATION :	NO.		
-20-84	HANSEN		1567			
	II - materials encounte					
water bearing	 II - materials encounte beds and water level ping tests and other ma 	s in each, casings,	screens, pump	,		
	RABRO DR OF WELL SAG HARBO WELL SELOW 5LR 451 N 2 In. 21 II. DOWNS 2 III. OTOP FROM TOP OF 211 8-20-84 N OF TEST BAYS EVEL PRIOR TO TE ORAWDOWN OWER OF DEILLING Y Cable tool NATED 8-20-8	RABRO DR. HAUPPAUGE NOF WELL SAG HARBOR IND. WELL SELOW SURFACE 45' NOW 23' 10. CAS 2 in. in. 21' ii. in. TO/A SCRI JOHNSON 2 in. in. 2 in. in. PUMPIN 8-20-84 N OF TEST days 2 hours EVEL PRIOR TO TEST in. below too of casing DRAWDOWN DRAWDOWN MAXE OWER MAKE Y SUMMARE OWER MAKE OWER MAKE TO COPPLINE 10. II. OF DELLLING Y cable tool Drother AUGER INTED 8-20-84 DRILLER	SAG HARBOR IND. WELL SELOW SURFACE 451 NOW 231 T. CASINGS 2 III. III. III. III. III. III. III. I	RABRO DR. HAUPPAUGE SAG HARBOR IND. WELL SELOW SURFACE 45° NOW 23° ft. CASINGS 2 in. in. in. in. 21° m. in. in. in. CASINGS REMONED 22° SCREENS JOHNSON 2 in. in. in. in. 21° T. in. in. in. in. in. 21° T. in. in. in. in. in. in. in. in. in. in	RABRO DR. HAUPPAUGE SAG HARBOR IND. SAG HARBOR WELL SELOW SLAFACE 45' NOW 23' ft. CASINGS 2 in. in. in. in. in. in. 21' ii. it. CASINGS REMONED 3CREENS JOHNSON 2 in. in. in. in. in. in. in. 27' PUMPING TEST B-20-84 NOP TEST B-20-84 NOP TEST Approximate time of return to normal level after cessation of pumping in. permanent in. in. in. in. in. PUMP INSTALLED MAXE MAXE DRAWDOWN MAXE DRAWDOW	RABRO DR. HAUPPAUGE NOW PELL SAG HARBOR IND. SAG HARBOR VELL SECRET SERVING SURFACE 45' NOW 23' ft. CASINGS 2 in. in. in. in. in. 21' ii. it. in. in. in. DEPTH TO GROUND WATER FROM SURFACE 45' NOW 23' ft. 18' ft. SAI 5': 21' iii. iii. iii. iii. DEPTH TO GROUND WATER FROM SURFACE 45' NOW 23' ft. 10' SAI 5': 10' SAI 10' 10' 10' SAI 10' 10' 10' 10' 10' 10' 10' 10' 10' 10'

ORIGINAL - Environmental Conservation Copy

	Courte	COMPLETION RE	PORT - LONG I	SLAND WE	ELL N	-29	##II No.
OWNER	CONTRACT REPORT OF THE						Log
ADDRESS	UFFOLK CO	UNTY HEALTH S	ERVICES			Ground 5ur	
	25 RABRO	DR. HAUPPAUG	F			EI,	tt, at
LOCATIO	W OF WELL	DILL TRULE RUG				٨	
DEPTH OF	AG HARBOR	IND.	SAG HARBOR	TER EROW SURE	100	٧	wall 2007 1000 1
WAS	Wild program program	NOW 23111.	DEFINIO GROCAD WA	181	ft		TOP OF WELL
nas			SINGS	10.	- 199	BLACK	The Asset of the Control of the Cont
DIAMETER	TOWN TREET	Ties.	1	-11	-		
LENGTH	2 in.	in.		in,	in,	SA	ND
	21 * **.	it.		n.	m.		
EALING	8.		CASINGS REMOVED			8 (1 6
_	n/a	508	221 EENS				
KA,KE		301	OPENINGS				
	JOHNSON		.016				
DIAMETER		99	1		17		
LENGTH	2 in.	in.	1	III.	ip.		_
	2 m.	n.		t.	fi.	231	FINE
DEPTH TO	TOP FROM TOP OF	CASING					SAND
_	211	PriMPIA	G TEST				
DATE			TEST OR PERMANENT PL	JMP1			1
	8-20-84	4	TEST				
URATION	West Commonweal	(g) pers	MAXIMUM DISCHARGE	9749	5) 2		
TATIC LE	VEL PRIOR TO TEST	2 hours	LEVEL DURING MAXIMU	M PLIMPING	galloos per min.		
	řt.	in, below top of caning		t.	in, below top of casing		
(AXIMUM:	DRAWDOWN	100	ne of leturn to normal leve	after cessation	9 345		
		n.	STALLED		min.		
YPE		MAKE		MODEL NO.			
OTIVE PO	PA E IC	MAKE	-	н.Р.		451	SANDY
APACITY					- 3		CLAY
		g.p.m. against		H ₂ of d	ischarge head		
UMBER BO	INLS OR STAGES			THE CORP.	and the state of the		-
	DROPL	INF	suc	TION LINE	otal head		
NAMETER			DIAMETER	TION CINE			
		in,			in.		
ENGTH			LENGTH				
ETHOD O	DAILLING	it.	USE OF WATER		ft.		
Control of Security Co., Security Secur	Cable fool	other AUGER	OBV.				
ORX STAR	8-20-8	Α.	COMPLETED	0.0			
ATE		RILLER	8-20	REGISTRATIO	N NO.		
8-2	0-84	HANSEN		150	67		
w ac Se	ater bearing be dditional pumpi	 materials encounter eds and water levels ng tests and other ma as to Well Drillers' Co 	s in each, casings, tters of interest. Des	screens, pu cribe repair	mp,		

CIWNER	SUFFOLK	COUNTY	HEAL TH	SERVICES				* LOG
ADDRESS	S. N. K. A. M. A. CO.	MACHINE A		VEIL LAND			Ground Su	
LOCATION	225 RABR	O DR.	HAUPPAU	GE			E1,	
COCATION		OD THE					- A	
DEPTH OF	SAG HARB	OK THU	•	SAG HARRER	ATER FROM	SURFACE		TOP OF WELL
WAS	451 N	OW 22			1	7.731 II.		DIAP
			CAS	INGS				
DIAMETER	2		m.		in.	16.		SAND ME GRAVEL
LENGT-	50.7				- 11	10	30	TE GRAVEL
EXLING.	21' ".		350	CASINGS REVIONED	n.	- 11.		
EAC TO	n/a			221				DIANE
	n/a		SCRI	EENS			9	SAND
MAKE				OPENINGS				2) ij
	JOHNSON			.016				(3)
SETEMALO				100				
ENGTH	2 in.		In.		in.	in.	231	FINE
	2 11.		ft		:ft;:	ft;		SAND
DEPTH TO	TOP FROM TOP OF	CASING						
	211		PUMPIN	0.7517				
DATE			FUMEIN	TEST OIL PERMANENT F	UMPT			1 3
	8-22-84			TEST				
DURATION	OF TEST			MAXIMUM DISCHARGE				
	DAYE	- 4	hours		0	tol-200 per min.	1	REMOVED
STATIC LE	VEL MUOR TO TEST		in. below	LEVEL DURING MAXIM		In Dellow		
MAXIMI W.	II.	TA	top of casing	ne of return to normal lev	rel after ce	top of casing seation of pumping		
1000000		fte		hrs.		min.	451	SANDY
			PUMP IN	STALLED			7-0	CLAY
TYPE		MAKE			MODEL NO	5,		
MOTIVE 30	wes	MAKE			H.P.			
MULIVE SU	W.C.K.	MANAE			1147.4			
CAPACITY		-						
24/10/22/1		1.0	m. against			t, of discharge head		
NUMBER BO	WLE OR STAGES			(0		CONTRACT BOOK		
				611	CTION LI	t. of total head		
DIAMETER	DROP L	INE		DIAMETER	CTION LI	N E		1
			in.			in.		
ENGTH				LENGTH				- 0
			ft.	1 257-2 (10-200)		ft.		
	Cable tool		JGER	USE OF WATER				79
MORK STAR		X or see		COMPLETED OBV.				
AUGUST STATE	8-22-84			0.60 (No. 20-0-1-0)	2-84			1 7
DATE	D	RILLER		100	REGIST	KATION NO.		117
	2-84		SEN		1	1567		
W	ater bearing b	eds and v	vater level	red, with depth belo s in each, casings itters of interest. De	, screens	s, pump,		

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION COMPLETION REPORT - LONG ISLAND WELL

4.5		-	4
N	-	-3	П
*"	-	~	4

Hell No.

ADDRESS.		DUNTY HEALTH SE	RVICES		Ground 50	
LOCATIO	N OF WELL	DR. HAUPPAUGE			Α.	ft. at
SAC	HARBOR	IND. SAC	HARBOR	****	٧	
WAS		William Anna Santa	DEPTH TO GROUND WAT	MENERICA CONTRACTOR OF THE PROPERTY OF THE PRO		TOP OF WELL
MVS	43.	NOW 231 11.	SINGS 20	.871 #-	BLA	CKTOP
DIAMETER			**************************************			
	2 in	An,	j j	in,		ME FILL
LENGTH	21 * ".	1	1	1		
SEALING	21	ft,	CASINGS REMOVED	÷ 11.		AND &
	n/a		560	21	51	GRAVEL
		SCA	EENS		1	1 1
MAKE			OPENINGS		Ť.	1 1
DIAMETER	JOHNSON		.016		i.	
	2 in.	Ti in		1 2		l 1
LENGTH	-	1011	1	in.	F	1
	2 n.	ft.	ti ti	ft.	233	FINE
DEPTH TO	TOP FROM TOP	OF CASING			233	SAND
	21'	- 100 to 4 at 100 to	to the last sector sec			(0.55,000
DATE		PUMPII	G TEST TEST OF PERMANENT PUR	all t		
	8-23	3-84	TEST	257		1 1
DURATION			MAXIMUM DISCHARGE			
	day	2 hours	0 to	20 gallons per min.		1 1
STATIC LE	VEL PRIOR TO	in, below	LEVEL DURING MAXIMUN		R	EMOVED
	DRAWDOWN	top of casing		700000000000000000000000000000000000000	30	
MUNIMUM	DICTROCHM	n. Approximate tr	me of return to normal level			
			STALLED	min.		h h
TYPE		MAKE	M. C.	ODEL NO.	451	SANDY
						CLAY
AUTIVE PO	WER	MAKE	н	F.	II	
APACITY					ii î	10
encosen i		g.p.m. ageinst		ff, of discharge head		1
NUMBER BE	OWLS OR STAGE			Tally Ground Schlean		
				ff. of total head		
	DROI	PLINE		ION LINE		
MAMETER			DIAMETER			II II
ENCTH		in,	- Paretta	in,		10
EMAIN		4	LENGTH	G. 1		
ETHOD O	PORILLING	n.	USE OF WATER	fr,		
notary	able tool	MontherAUGER_	OBV.			
FORK STAR			COMPLETED	2.9		
ATE	8-2	2 -84 I DRILLER	8-23-			
	23-84	HANSEN		REGISTRATION NO.		
110000			and middle of make it is			
w a	ater bearing dditional pur	ell - materials encounte beds and water level nping tests and other ma ons as to WellDrillers'C	s in each, casings, : itters of interest. Desc	creens, pump, ribe repair job.		

OUPLICATE - Retain Ion Copy

Courty

COMPLETION REPORT - LONG ISLAND WELL N-32

Well No.

OWNER	CUP	FOLK COUNTY HE		* LOG		
ADDRES	S	COUNTY HE	ALTH SERVICE			Ground Surface
105171	DN OF WELL	RABRO DR. HAU	PPAUGE			Elft. abov
LOCATI		HARROR THE				A
DEPTH (OF WELL RELOW 51	HARBOR IND	SAG HARBOR	WATER FROM SLEEP	ACE	TOP OF WELL
We	S 451	NOW 33 II.		23.581	it.	BLACKTOP
DIA UES		CA	SINGS			
DIAMET	9 -	in.		in.	inc	SAND&
LENGTH	-			100	eng	GRAVEL
area car	31!	n.		it,	n.	
SEALING	2002 a		CASINGS REMOVED	67563		
	n/a	503	REENS	12*		· / 1
MAKE		201	DPENINGS			
	JOHNSO	N N	.0	16		
DIAMET		(6)	1	- III		20 SAND
LENGTH	2	2 in.		in,	in,	22 22 22
150000	2 п.	n.		fi.	6.	
DEPTH 1	O TOP FROM TOP					
	311					33' FINE
0.471		PUMPI	NG TEST	MUMBE		SAND
DATE	9-10-8	A	TEST OR PERMANENT PUMPI			
DURATE	ON OF TEST	14	MAXIMUM DISCHAR	GE.		
	6413	2 hour	The state of the s	0 to 2	Olons per min.	
STATIC	LEVEL PRIOR TO T	III. DEIOW	LEVEL DURING MAX	INUM PLMPING	in. below	
MAYIMI	M DRAWDOWN	Approximate 1	ime of return to normal	ft.	top of casing	
Jan 199 Lines	m Lifes in Light 13	tt.	hrs.	15052 (1971) (77.5711)	min.	REMOVED
_ 917-1		William Transcon	NSTALLED		1.00.00	
TYPE		MAKE		MODEL NO.		
MOTIVE	HOWER.	MAKE		H.P.	-	
MUNITAE	LOSTS	MONE		2012		1447 (457)
CAPACI	TY		iii			45' SANDY
		g_p,m, against		ft, of c	Fischarge head	CLAY
NUMBER	BOWLS OR STAGE	\$	I	1057721	20410-20	
	7222				otal head	
DIAMET		LINE	DIAMETER	UCTION LINE		
		in.	ill is was a second		in.	
LENGTH		1100	LENGTH			
		ft.			H.	
CARTOLL	THOD OF DRILLING rotary Cable tool Souther AUGER		USE OF WATER			
WORK 57		20 Wiles -AUGER	COMPLETED			
	9-10-84		9-10	-84		
DATE		DRILLER		REGISTRATIC		
	10-84	HANSEN			567	
NOTE	water bearing additional pur	ell - materials encount beds and water leve nping tests and other m ns as to Well Drillers' (is in each, casing latters of interest. D	s, screens, pu Describe repair	mp, job.	

	County	COMPLETION RE	PORT - LONG ISI	AND WELL N-3	3 Well No.
OWNER		S NOT THE RESIDENCE OF THE STATE OF THE STAT			* 106
ADDRES	SUFFOLK C	OUNTY HEALTH S	ERVICES		Ground Surface
100000		DR. HAUPPAUGE			Elft. above
LOCATIO	ON OF WELL				A
DEPTH S	SSG HARBO	R IND. SA	G HARBOR	R FROM SURFACE	TOP OF WELL
WAS		NOW 28 * 11.	The state of the s	881 #	BLACKTOP
			INGS		DENGE TO
DIAMETE	2 in	iii.	16.	in.	SAND
LENGTH				1	5' SAND &
25 5 V In 17	21 11.	H.	CASINGS REMOVED	n,	GRAVEL
SEALING	n/a		22		
	117.0	SCR	EENS		
MAKE			OPENINGS		
DIAMETE	JOHNSON		.016		-
	2 in.	in.	in.	in.	
LENGTH		027	20	1	1000
DEPTHIT	2 ft. O TOP FROM TOP O	F CASING	ft.	ti.	23' FINE SAND
	21'				SAMU
DATE		PUMPIN	G TEST OF PERMANENT PLM		
MAILE.	9-10-84		AURIE COLORONO DE LA PORTE DE		
DURATIO	N OF TEST	WO EST	MAXIMUM DISCHARGE	450000000000000000000000000000000000000	
STATIC	EVEL PRIOR TO TES	2 hours	LEVEL DURING MAXIMUM	gallons per min.	
SIMILE	in,	in, below top of casing		in, below	REMOVED
MAXIMU	DRAWDOWN		ne of return to normal level a		
		ft.	STALLED	min.	1 1
TYPE		MAKE	E ACCUMENT STATE	DEL NO.	i
MOTIVE	OOW ER	MAKE	F.,		45' SANDY
Merit A.	UNEK	7.7004	(38)	4.	CLAY
CAPACIT	Y	re-exposed		50 =40W00000000	
NUMBER	BOWLS OR STAGES	g-p-m- against		ft, of discharge head	
11.190144.00				It. of total head	
	DROP	LINE		ON LINE	
DIAMETE	ж.	in.	DIAMETER		
LENGTH		in,	LENGTH	In.	
		fr.		ft.	
	OF DRILLING v Cable tool	R other -AUGER	OBV.		
WORK ST	ARTED	and the second	COMPLETED		
DATE	9+10-	84 ORILLER	9-10	EGISTRATION NO.	
	-10-84	HANSEN		1567	
			red, with depth below g		
	water bearing additional pump See Instruction: Pages 5 - 7.	beds and water level- oing tests and other ma	s in each, casings, so tters of interest. Descr ertificates of Registrat	creens, pump, ibe repair job.	

	Const.	COMPLETION RE	PORT - LONG	ISLAN	D WELL N-3	16	Well Ya.
OWNER	contested to	PART TO AM CONTOUR HANDS			11=2	54.	• van
ADDRESS	SUFFOLK	COUNTY HEALT	H SERVICES			Ground 5	* LOG
	225 RAR	RO DR. HAUPPA	LUCE			EL,	ft, abo
LOCATIO	OF WELL	IN DAY	LUGE			٨	
DEPTH OF	SAG HAR	BOR IND. S	DEPTH TO GROUND	WI TO THE	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	v	
WAS		NOW 231 II.	DEFIN TO GROUND			7	TOP OF WELL
ROS.	+2:		SINGS	10	.381 n.	BLA	CKTOP
DIAMETER			1			SA	ND
ENGTH	2 in.	In,		in.	in,	-	
	21 ' ".	ft.		fts	fts	51	SAND& GRAVEL
EALING	0.		CASINGS REMOVED	444			GRAVEL
	n/a		22	t.			
A KE		208	EENS OPENINGS				
	OHNSON		.016				
IAMETER	e : 1		1	1			
ENGTH	2 in.	in.		in.	in,	231	FINE
EMILIE	2 ft.	n.		n.	112		SAND
EPTHTO	TOP FROM TOP C	and the last section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a second section in the second section in the second section is a section in the second section in the second section is a section section in the section in the section is a section section in the section is a section section in the section is a section section in the section in the section is a section section in the section in the section is a section section in the section in the section is a section section in the section is a section section in the section in the section is a section section in the section is a section section in the section section in the section is a section section in the section in the section section in the section is a section section in the section section in the section section is a section sect		112	11.		
	21'						
ATE		PUMPIN	TEST OF PERMANENT	Di ILADO			1 1
ente:	9-12-	R4		est			
URATION	OF TEST	9.7	MAXIMUM DISCHARG	E			1 1
	days	2 hours			gallons per min.		Laterania
ANC LE	ft.	in, below top of casing	LEVEL DURING MAXI	ft.	in, below top of casing		REMOVED
AXINLM	DRAWDOWN		me of seturn to normal l				
	Vegralesch-sat II	n.	tles.	2007/10/22/2015	min.		
PE		PUMP IN	STALLED	WODEL N			
		mone:		MODEL N		451	CANDY
OTIVE PO	OWER	MAKE		H.P.		45	SANDY
APACITY		g.p.m. against			a create a construction of		
UMBER BO	OWLS OR STAGES	g-p-m- agamsi			t, of discharge head		
					t, of total head		
AMETER	DROP	LINE	DIAMETER	CTION L	NE		
OWE SER		HG.	DIAMETER		in.		
NGTH		1004	LENGTH		in.		1
		ft.	No. 1917AL		ft.		
	F DRILLING	Rother AUGER	USE OF WATER				
WK STAR	TED Cable 1001	AUGER -	COMPLETED	٧.			
	9-12-84		GENERAL CONTRACTOR	2-84			
TE O	100	ORILLER		REGIST	RATION NO.		1 1
	12-84	HANSEN	CONTRACTOR AND ADVANCED ON		567		
a S	ater bearing of dditional pump	II - materials encounte beds and water level- bing tests and other ma s as to Well Drillers' C	s in each, casings tters of interest. De	, screens escribe re	pair job.		

	puni +	COMPLETION REP	ORT - LONG I	ISLAND WEL	L N-	35	- 57
DWNER						* toc	
	SHERO	LK COUNTY HEAD	TH SERVICES			Ground Surface	
ADDRESS.	30224	Lat. Court a times				Branconssanas	II. above se
	225 B	ABRO DR. HAU	PPAUGE			100	-
LOCATION	A THE RESERVE THE PROPERTY OF THE PARTY OF T	TARROR INDI		_		÷	— ft.
DEPTH OF	WELL BELOW SLRF	HARBOR HWY.	DEPTH TO CADUND	ATER FROM SLEEFA	Œ	TOP OF W	ELL
WAS 4		NOW 321 H.	19,461		ft	SAND	-
merco		CASI				2011	
DIAMETER	197	1				5' SAND &	
	2 in.	in.		iff.	:tfi+	GRAVE	L
LENGTH	- 1				3160	14.005-55.50	
	30 11.	ft.	CASINGS REMOVED	ft.	.700		
SEALING	-/-		23	ř.			
	n/a	SCRE					
MAKE			OPENINGS				
	JOHNSON			016			
DIAMETER	in 10	10.0					
	2 in.	in,		in.	01.		
LENGTH		n.		n.	tu	1 3	
DERDUTO	TOP FROM TOP OF						
	301	Schaling				32' SAND	
	,,,	PUMPIK				JZ JAND	
DATE			TEST OR PERMANENT	PUMPT			
	9-25-84	+	MAXIMUM DISCHARG	t		-	
DURATION	OF TEST	Q 10000	MAXIMUM DISCHARG		allons per min.		
	days	2 hours	LEVEL DURING MAXI			1	
STATIC LE	VEL PRIOR TO TES	in, below top of casing	EFFEC SIGNATURE	n.	in, below top of casing		
MAYIMUM	DRAWDOWN	Approximate tim	er of return to normal le	evel after cessation	of pumping		
		n.	hrs.		min.	REMOVE	D
		PUMP INS	TALLED				
TYPE		MANE		MODEL NO.		1	
		MAKE		H.P.		1	
MOTIVE P	OWER	MONE		10000			1
CAPACITY	,					1 1	
CHINCH		g.p.m. against		ft, of d	scharge head	45' SAND	v
NUMBER S	OWLS ON STAGES		P	W107400	White section	CL	
					stal head	1,0,000	5.5
	DROP	LINE	DIAMETER	OCTION LINE .			
DIAMETER	t.	40	DINMETER		in.		
LENGTH		itt-	LENGTH			1	
LENGIN		it.			ft.		1
METHOD	OF DRILLING		USE OF WATER			1 1	
	y cable tool	E otherAUGER-	OBV.			- 1	
WORK STA			COMPLETED	V212 1212			
107.94	9-24-84	DRILLER	9	=24-84 REGISTRATIO	IN NO.	1 1	
DATE 9_2	5-84	HANSEN		156			
	Market Control of the	II - materials encounte	red with death he			1 1	
	water bearing additional pum See Instruction Pages 5 - 7.	beds and water level ping tests and other ma is as to Well Drillers' C	s in each, casing atters of interest. C certificates of Regi	is, screens, pu Describe repair	mp, job.		
	ORIGIN	VF - CDARDOMESTS: COU	serverion cobl				

DUPLICATE - Netain

ion Capy

N-37

		the second second second second second	PORT - LONG	ISTMILD !	ACT C	
OWNER-					10000	
	SUFFOL	K COUNTY HEAL	TH SERVICES			LOG
ADDRESS			1007137440774053407			Ground Surface
LOCATIO	225 RA	BRO DR. HAL	JPPAUGE			El,tt, above
2000		RBOR HWY. SA	G HARBOR			A
DEPTH O	WELL BELOW SUR	FACE THE S	DEFTH TO GROUND	ATER FROM SU	REACE	TOP OF WELL
WAS	401	NOW 251 11.		3.671	114	FINE SAND
		CA	SINGS:			
DIAMETE	2 10	Ver		Art.	1100	
LENGTH	2 10.	18-	1	.the	(6)	2' SAND &
	231 H.	163	L	tt.	Tt.	GRAVEL
SEALING			CASINGS REMOVED			
	n/a		151			
MAXE		\$CR	EENS:			
M. CALL	JOHNSON		OPENINGS			
DIAMETER			.016			
	2 in.	itte		M.	in.	
LENGTH			1	. 1		251 SAND
	2 h.	tt.		ft.	ft.	
DEPTH TO	231	F CASING				
	23'	PUMPI	G TEST			
DATE			TEST OR PERMANENT I	LIMPI		
	united weeks		Processor and American Control			
DURATIO	N OF TEST		WAXIMUM DISCHARGE		NAME OF TAXABLE PARTY.	
STATIST I	days EVEL PRIOR TO TES	hours	LEVEL DURING MAXIN	THE BUILDING	gations per min.	
217116	n.	in, below top of casing	promption of the prompt	ft.	in, below top of casing	REMOVED
MAXIMUM	DRAWDOWN		me or return to normal le-		The second secon	
		tt.	brs.		min.	
			STALLED			
TYPE		MAKE		MODEL NO.		
MOTIVE P	OWER	WAKE		H.P.		40' SAND
		- C2111/E1	17			
CAPACIT	r		1			
		g.p.m. against		11.0	fidischarge head	
NUMBER 1	IDWLS OR STAGES		ľ	5253	10/20/12/02	
	DROP	100	200	TION LINE	f total head	
DIAMETER		LINE	DIAMETER	TION LINE		
		in.	V.500575W.		in.	
LENGTH			LENGTH			
MET LOCK	OF DOUGLES	n,			ff.	
	OF DRILLING Cable tool	Sother Attorn	LISE OF WATER			
WORK STA		Rother AUGER	OBV.			
	8-30-84		8-	30-84		
DATE	Manager and the Control of the Contr	RILLER	1.71	REGISTRAT	ION NO.	
	0-84	HANSEN			67	
	water bearing t additional pump	I - materials encounte beds and water level ing tests and other ma i as to Well Drillers' C	s in each, casings, itters of interest. De	screens, p scribe repai	r job.	

Pages 5 - 7

ORIGINAL - Environmental Conservation Copy

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	COMPLETION	REPORT - L	ONG ISLAND WE	LL N-4	40	New York
UW SER	SUFFOLK COUNTY HEA	TH SERVI	CES		igniones:	• roc
ADDRESS:	SUPPOLE COURTY HER	Shall Want A	36.64.90		Graund Surt	
		HAUPPAUGE			El	1204
DOCATION.			n non		A	
SEPTH OF V	SAG HARBOR HWY.	SAG HA	EDUND WATER FROM SLAT	ACE	I	OP OF A
WAS			17.63	tti.	FINE	SAND
		CASINGS				
DIAMETER		1		-	2' SA	ND &
ENCTH	2 10.1	(n ₊	14			GRAVEL
12.74	14 93	Tt.	77	F		
Es.No.		CANALI RES				
	n/a	000000	21 1			
		OFENINGS			101 8	AND
WANE	TOTALEGE	01247403	.016		10. 5	ALVE
DIAVETER	JOHNSON		.010			
	2 in.	in.	in.	- 7-		
LENGTH	10					
D. F. ST. L. ST. D.	2 II- I	n,	H. 1	344		
DEPTH 10	21 '				231	SAND
		APING TEST			1000	STEENES .
DATE			MANENT PLAPT		i	
BUENTION	9-24-84	MAXIMUM DI	SCHARGE		1	
DUKATIDA	86.1000	ours.		gallons per = 1.		
STATIC LE	VEL PRIOR TO TEST In Selo	LEVEL DURIS	NG MAXIMUM PLIMPING	on, below	200	
	top of ca	asing!	normal level after cessal	100 OF CASINE	331	T10 T07 T0 C00
MAXIMUM	CONTRACT LINES CONTRACT	te time or return to	firs.	- 4		SAND
	PILM	PINSTALLED			RI	MOVED
TYPE	1846	P. INSTINCTION	MODEL NO.			
1110=			H.P.		2	
WCT LE PE	MEX WILL		71,00			
CAPACITY					451	SANDY
E STALLIN	\$.D.T. 154H	tet.	11, 0	dischurge head		CLAY
SUMBER B	SEDATE FO ELWO					
				total Seat	+	
DIAMETER	DROP LINE	DIAMETER	SUCTION LINE		1	
Physician		in.		54		
LENGTH		LENGTH				
		n.		te.	-	
1. Company of the Com	W DRILLING	USE OF WAT	BV.			
WORK STA	Cable tool one: _AUGER	COMPLETED				1
	9-24-84		9-24-84			
DATE	DRILLES	2000	RECISTRAT			
	4-84 HANS		15			
	water bearing beds and water is additional pumping tests and other see instructions as to Well Orille Pages 3 - 7. ORIGINAL - Environmental	levels in each, er matters of int rs Cartificates	casings, screens, t erest. Describe repai of Registration and R	rjob.		

	Count +	COMPLETION RE	PORT - LONG I	SLAND WELL	N-41		#ell %0.
ADDRES	SUFFOLK	COUNTY HEALTH	SERVICES			Ground 3	* LOG
	225 RABE	O DR. HAUPI	AUGE			El.	
	DN OF WELL LILY PON	D RD. SA	G HARBOR				
	F WELL BELOW SLAF	ACE	DEPTH TO GROUND WA	2		N .	TOP OF WELL
WAS	45'	NOW 231 11.	INGS	6	144		
DIAMETE	2 -n.	in.	1	n.	in,	FI	NE SAND
LE VGT+	21 * 11.	tt.		f+	tt.	2	SAND
SEALING	n/a		221				
	117.55	SCH	EENS			1	
MAKE	JOHNSON		OPENINGS . 016				
DIAMETE	2 in.	in,		n,	in.		
LENGTH	2	95			It.	234	SAND
	O TOP FROM TOP OF	5014-55				_	+
DATE		PUMPIN	G TEST TEST ON PERMANENT PL	Lup?		-	
	10-11-84		test	7750			1 1
DURATIO	OF TEST	2 hours	NAXIMUM DISCHARGE		ns per min.	R	EMOVED
STATIC	LEVEL PRIOR TO TEST	top of casing		t. to			
MAXIMU	M.DRAWDOWN	Approximate tir	ne of letion to normal leve hes.	l alter cessation of		45 F	INE SAND
TYPE		PUMP IN	STALLED	HODEL NO.			
						4	
MOTIVE	POWER	MAKE		4.P.			
CAPACIT	TV.	g.g.m. ega:nat		Brown Misson	and the same		
NUMBER	BOWLS ON STAGES	5-20-M1-888/H51		ft, of disco			
	DROP L	INE	suc	TION LINE	****		
DIAMETE	R		DIAMETER	2117-1111-12770-2			
LENGTH		in.	LENGTH		in.		
	OF DEILLING	ft.	USE OF WATER		ft.		
TOTAL WORK ST		3	OBV.				
DATE	10-11-84	A	10-	11-84			
	11-84	HANSEN		1567).		
NOTE:	water bearing b additional pumpi	- materials encounte eds and water level ng tests and other ma as to Well Drillers C	s in each, casings, tiers of interest. Des	ground surface, screens, pump, cribe repair job.	31		

THEODORE F. SQUIRES, LB. (1903-1984) NO. 18889

JOHN | HOLDEN PE LB ICONSULTANTI NO DESTR

KARL W. WEISENBACHER, L.S. WD 34197

ROBERT A. SMITH LE MO. ARES

LESTER HOLDEN L.S. 90248 010

Member: N. Y. State Society of Professional Engineers American Congress of Surveying and Mapping Nassau-Suffolk Civil Engineers, Inc. N. Y. State Assoc. of Professional Land Surveyors

Squires, Holden, Meisenbacher & Smith

Land Surveyors - Land Planners - Engineers 46 JAGGER LANE - BOX 1013 SOUTHAMPTON, N. Y. 11969

> (516) 283-0412 FAX (516) 283-7148

NABISCO BRANDS, INC., SAG HARBOR, NEW YORK

Off-Site Test Point Elevations *

ITEM										ELEVA	TION
N-19	ç		\mathcal{L}^{0}	(\underline{c})	10	10	(2)	Y.	ķ	10.65	Ft.
N-20		12.0	20		387	80	×			5.00	Ft.
N-6		100								17.36	Ft.
N-11		4		÷					Ų.	23.10	Ft.
M.W.4		0.7	5.0			20		•	**	22.86	Ft.
M.W.5		0.0			39					23.01	Ft.
M.W.6		4			3	*	Ÿ.			23.10	Ft.
N-16	2.0	100		*	22	20	æ	25.1	*:	19.92	Ft.
N-17	*	(*		*						17.57	Ft.
M.W.l		37		:	-	*	÷	-		22.82	Ft.
M.W.2			511		11.7			102	2.0	23.05	Ft.
M.W.3		·					*		*	23.00	Ft.
N-36	8	8	1	1	35	40	¥	3	4	26.27	Ft.
N-39	•	•	•	•	ě	ì	•		÷	27.19	Ft.
N-40	×									25.11	Ft.

^{*} Elevations based on National Geodetic Vertical Datum of 1929.



Lester Holden L.S.No. 49548

THEODORE F. SQUIRES, L.S. 11903-19881

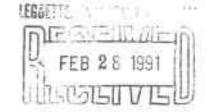
JOHN I. HOLDEN P.E. LS. ICONSULTANTI

KARL W. WEISENBACHER, LS.

ROBERT A. SMITH, LE.

LESTER HOLDEN, L.S.

Member: N. Y. State Society of Professional Engineers American Congress of Surveying and Mapping Nassau-Suffolk Civil Engineers, Inc. N. Y. State Assoc, of Professional Land Surveyors



Squires, Holden, Meisenbacher & Smith

Land Surveyors - Land Planners - Engineers

46 JAGGER LANE - BOX 1013 SOUTHAMPTON, N. Y. 11969

> (516) 283-0412 FAX (516) 283-7148

NABISCO BRANDS, INC., SAG HARBOR, NEW YORK

On-Site Test Point Elevation *

ITEM	ELEVATION
N-37	31.47 Ft.
N-24	27.24 Ft.
N-25	25.44 Ft.
N-26	25.18 Ft.
N-27	24.90 Ft.
N-28	26.76 Ft.
N-33	22.43 Ft.
N-32	32.12 Ft.
N-31	28.91 Ft.
N-23	12.89 Ft.

* Elevations based on National Geodetic Vertical Datum of 1929.



Lester Holden, L.S. No. 49548

THEODORE F. SQUIRES, L.S. (1903-1988) NO. IRRES JOHN I. HOLDEN, P.E. L.S. (CONSULTANT)

NO. SEISE

KARL W. WEISENSACHER, L.S. HO: BRISS

ROBERT A. SMITH L.S. NO. 48339

LESTER HOLDEN, U.S. NO. SETAR

Member: N. Y. State Society of Professional Engineers: American Congress of Surveying and Mapping Narrau-Suffolk Civil Engineers, Inc. N. Y. State Assoc. of Professional Land Surveyors

Squires, Holden, Weisenbacher & Smith

Land Surveyors . Land Planners - Engineers

46 JAGGER LANE - BOX 1013 SOUTHAMPTON, N. Y. 11969

> (516) 283-0412 FAX (516) 283-7148



March 30th, 1990

Leggette, Brashears & Graham, Inc. 72 Danbury Road Wilton, CT 06897

Attention: Karen Billick

Dear Karen;

As per our telephone conversation of today, the elevations at the locations you had requested are as follows:

- 1.) Top of headwall, east side of Bridgehampton-Sag Harbor Tpk. = 8.66 ft.
- 2.) Stream bed, east side of Bridgehampton-Sag Harbor Tpk.
- 3.) Top of headwall, west side of Bridgehampton-Sag Harbor Tpk. = 8.58 ft.
- 4.) Stream bed, west side of Bridgehampton-Sag Harbor Tpk. = 4.0 ft.

If you have any further questions or comments, please feel free to contact me.

Very truly yours,

ester Holden,

LH/rms

APPENDIX IV

Geophysical Logs for Pilot Boreholes

LEGGETTE, BRASHEARS & GRAHAM, INC.
Professional Grand-Water Consultants

WELL NO. I DRILLING ME DEPTH DRILL DEPTH LOGG DEPTH SCAL	OCATION Gingerbreed Bake Shop Parking Lot VELL NO. B42 RELING METHOD Bullow-stem suger EPTH DRELED 111 feet below grade EPTH LOGGED 100 feet below grade EPTH SCALE 20 feet per inch OGGED BY R. Lamonicar K. Billick						ELER Delta Hell and Pumo Company, Inc. FERENCE POINT Grade EVATION 23 feet above mean ass level SING 3 1/4-Inch inside diameter augers LE DIAMETER § 1/2 inches (outside diameter of auger flights) MARKS Pilot borebols					i.	
Scale: Yime Constan Logging Rate	5 cyc		woond										
	4				200	0							
		7				70					LES EL SE SAND M SAND		

LEGGETTE, BRASHEARS & GRAHAM, INC.
Professional Ground-Water Consultants

WELL NO. DRILLING DEPTH DR DEPTH LO DEPTH SO LOGGED R	METHO: ILLED GGED ALE		2 fee 1 fee 0 fee	et be et be	low s	rade rade h			CAI HOL	VATIC SING .E DIA	M 1	OINT 3 fee 4-1nc A 4	Gr tt abs th In 1/2	ide d Inche	ian es liamet	a lev er au	nl gers	net e
Scale: Time Const	Antı 10		les ;	er s	ecoed						¥11							
									0							Jan 1		
		Aran Maria	N. A. J. Y. L. M. A. M.					eeeee	10 20 30 40 50 60 70					MEDI	BLES FEL RSE SAUM SA SAND			THE PROPERTY OF STREET STREET,
	- 2	7	5				1		90 100 110				= 1					113 444 611

LEGGETTE, BRASHEARS & GRAHAM, INC.

Professional Ground-Water Consultants

OWNER Nabisco Brands, Inc. LOCATION North Parkins Lot of SHI P WELL NO. B-44 DRILLING METHOD Hollow-stem auger DEPTH DRILLED 69 Feet below grade DEPTH LOGGED 56 Feet below grade DEPTH SCALE 20 Feet per inch LOGGED BY Karen Billick		REFERENCE ELEVATION CASING _ HOLE DIAM	Delta We DE POINT N J 1/4-Ind METER flights	Grade Ch inside (liamete	r aug	nes_	- - -	
GAMMA RAY B-44 Scale: 10 Cycles per second Time Constant: 5 Counts per second Logging Rate: 20 Feet per minuts									
	0	(Carrie sant			LEGEND				
		Asiacaman moreological		:::	GRAVEL, FI	NE			
	20	The second second second second		17.11	SAND, COA	RSE			
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LEGGETTE, BRASHEARS & GRAHAM, INC.

Professional Ground-Water Consultants

DEPTH DRILLE DEPTH LOGGE DEPTH SCALE	HOD _Hollow-stem auger D 52 Feet below grade D 50 Feet below grade20 Feet per inch Keren Billick GAMMA RAY B-45		8	REFERENCE POINT Grade ELEVATION CASING 3 1/4-Inch inside diameter augers HOLE DIAMETER 6 1/2 Inches (outside diamet of auger flights) REMARKS Pilot borehole				
Scale: Time Constant: Logging Rate:	10 Cycles per second 5 Counts per second 20 Feet per minute				; ((#)(£		
		20 40 60				LEGEND GRAVEL, FINE SAND, COARSE SAND, MEDIUM SAND, FINE SAND, VERY FINE AND SILT CLAY		

LEGGETTE, BRASHEARS & GRAHAM, INC.

Professional Ground-Water Consultants

DEPTH DRILLE DEPTH LOGGE	Hollow-stam auger 42.5 Feet below grad 42.5 Feet below grad 20 Feet per inch	ie.	REFERENCE ELEVATION CASING _6	FOINT -Inch in ETER 10 flights)	side diameter augers 1/2 Inches foutside dia	
Scale: Time Constant: Logging Rate:	10 Cycles pur second 5 Counts per second 20 Feet per minute					
		20			LEGEND GRAVEL, FINE SAND, CGARSE SAND, MEDIUM SAND, FINE SAND, VERY FINE AND SILT CLAY	

LEGGETTE, BRASHEARS & GRAHAM, INC.

Professional Ground-Water Consultants

WELL NOB DRILLING METI DEPTH DRILLE DEPTH LOGGE DEPTH SCALE	OD Hollow-stem auger		DATE _May 30, 1991 DRILLER Delta Well and Pump Company, Inc. REFERENCE POINT _ Grade ELEVATION CASING 3 1/4-Inside diameter augers HOLE DIAMETER 6 1/2 Inches (outside diameter of auger flights) REMARKS _ Pilot borehole
Scale: Time Constant: Logging Rate:	GAMMA BAY 8-47 10 Cycles per second 5 Counts per second 20 Feet per minute		
		20 40	LEGEND CRAVEL, FINE SAND, COARSE SAND, MEDIUM SAND, FINE SAND, VERY FINE AND SILT GLAY

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Professional Ground-Water Consultants

WELL NO	HODHollow-atem auger D69.5 Feet below grade D68.5 Feet below grade20 Feet per inch		DATEJune 21, 1991 DRILLER _Delta Well and Pump Company, Inc. REFERENCE POINT _Grade ELEVATION CASING _1 1/4-Inch inside diameter augers HOLE DIAMETER _6 1/2 Inches (outside diameter of auger flights) REMARKS _Pilot borshele
	GAMMA RAY B-48 10 Cycles per second 5 Counts per second 20 Feet per minute	20	LEGEND GRAVEL, FINE SAND, COARSE SAND, MEDIUM SAND, FINE
5		60	SAND, VERY FINE AND SILT

LEGGETTE, BRASHEARS & GRAHAM, INC.

Professional Ground-Water Consultants

OWNER Nabisco Brands, Inc. LOCATION Novack Road WELL NO. B-49 DRILLING METHOD Hollow-stem auger DEPTH DRILLED 99 Feet below grade DEPTH LOGGED 98.5 Feet below grade DEPTH SCALE 20 Feet per inch LOGGED BY Karen Billick		DATE June 27, 1991 DRILLER Delta Well and Pump Company, Inc. REFERENCE POINT Grade ELEVATION CASING 3 1/4-Inch inside diameter augers HOLE DIAMETER 6 1/2 Inches putside diameter of auger flights) REMARKS Pilot borshole		
Scale: 10 Cycles per second Time Constant: 5 Counts per second Logging Rate: 20 Feet per minute	20		LEGEND GRAVEL, FINE SAND, COARSE SAND, MEDIUM SAND, FINE SAND, VERY FINE AND SILT	
	60		CLAY	
	100			

LEGGETTE, BRASHEARS & GRAHAM, INC.

Professional Ground-Water Consultents

WELL NO. B-50 DRILLING METHOD Hollow-stem auger DEPTH DRILLED 100 Feet below grade DEPTH LOGGED 98.3 Feet below grade DEPTH SCALE 20 Feet per inch LOGGED BY Karen Billick			DRILLER Delta Well and Pump Company, Inc. REFERENCE POINTGrade ELEVATION CASING 3 1/4-Inch inside diameter augers HOLE DIAMETER 6 1/2 Inches (outside diameter of suger flights) REMARKS _Filot borehole		
Scale; Time Constant: Logging Rate:	10 Cycles per second 5 Counts per second 20 Feet per minute	20 40 80	LEGENO GRAYEL, FINE SAND, COARSE SAND, MEDIUM SAND, FINE SAND, VERY FINE CLAY	AND SET	