County .....

ORIGINAL—TO COMMISSION

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

COMPLETION REPORT—LONG ISLAND WELL

Well No. [illegible]
(on preliminary report)

LOG

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

.....ft.

Top of Well

Owner .....

Address .....

Location of well .....

Depth below surface .....103'..... feet

Depth to water: Ground water .....[illegible]-6"..... ft.; Finished well .....103'..... ft.

Casings:

Diameter .....6..... in. ..... in. ..... in. ..... in.
Length ..... 93 ..... ft. ..... ft. ..... ft. ..... ft.
Sealing .....
Casings removed .....

Screens: Make .....Johnson..... Openings .....40 slot.....
Diameter .....3-5/8..... in. With 6" packer in. ..... in. ..... in.
Length .....10..... ft. ..... ft. ..... ft. ..... ft.
Depth to top from top of casing ..... ft.

Pumping Test: Date [illegible] 1952 Test or permanent pump? Permanent
Duration of Test ..... days ..... 4 ..... hours
Maximum Discharge ..... 100 ..... gallons per minute
Static Level Prior to Test ..... ft. ..... in. below top of casing
Level during Max. Pumping ..... ft. ..... in. below top of casing
Maximum Drawdown ..... ft.
Approx. time of return to normal level after cessation of pumping ..... hours ..... minutes

Pump Installed:

Type .....Centrifugal..... Make .....Fairbanks..... Model No. .....4700.....
Motive power .....Electric..... Make .....[illegible]..... H.P. .....10.....
Capacity .....100..... g.p.m. against } ..... ft. of discharge head
No. bowls or stages .....37..... } ..... ft. of total head

Drop Line: **Suction Line:**

Diameter ..... in. ..... in.
Length ..... ft. ..... ft.

Use of water .....Cooling instruments.....

Work started .....July 2, 1952..... Completed .....July 11, 1952

Date .....Sept. 12, 1952..... Driller .....[illegible]

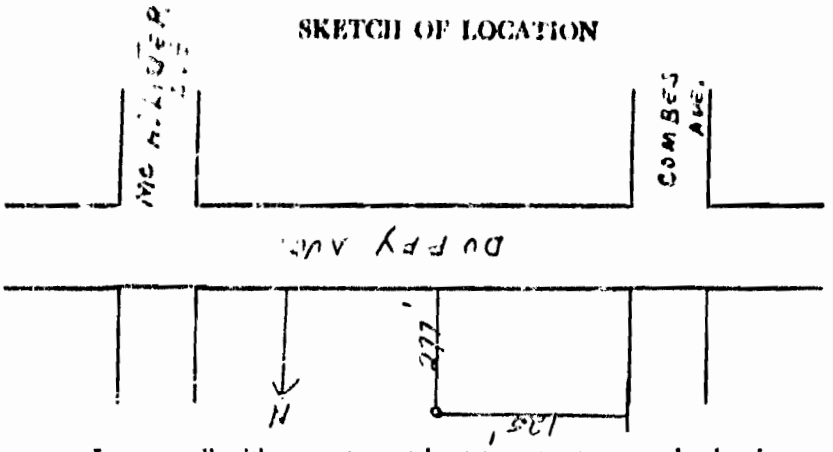
License No. .....

	Top Soil 1-1/2'
	Loam 2-1/2'
	Dirty coarse Sand & Gravel 3-1/2'
	Coarse sand Gravel & Large Stones 45'
	Coarse Sand & Gravel 86'
	Med. Sand & Grits 92'
	Coarse Sand & Gravel 103'

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

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

SKETCH OF LOCATION



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

Show North Point

Issued	7-[illegible]-52
[illegible]	7-[illegible]-52
[illegible]	
[illegible]	7-21-52
[illegible]	7-22-52
[illegible]	
[illegible]	153
Permit	7-[illegible]-52
Comp. Rept.	12-12-52
[illegible]	2-5-53
Rec'd [illegible]	[illegible]
Permit	3-3-53

Refer to W-	
S.O.R.	
Well No.	Permit
N-39[illegible]	3-3-53
N-[illegible] D	3-3-53
[illegible] D	3-3-[illegible]

[illegible] COMMISSION

[illegible] New York, N. Y.

[illegible] APPLICATION No. W- 12[illegible]

[illegible]

[illegible] Application

[illegible]

[illegible] COMMISSION

[illegible] approval of [illegible] changing [illegible] mill at its new plant at 270 [illegible] Avenue, [illegible]ville, County of [illegible], [illegible] Island, N. Y.

Approved [illegible] July [illegible], 1952

[illegible] application submitted by Howard H. Plant, President of [illegible], on July 3, 1952, filed on July [illegible], 19[illegible] notice of hearing given by publication in [illegible] of [illegible] Clipper. [illegible] held before Walter G. [illegible], [illegible] of [illegible] Commission, in the [illegible] on July 21, 19[illegible], at 10 A. M. Applicant represented by Howard H. Plant, President. No objections [illegible] opposition.

[illegible] Corporation [illegible] to [illegible] in a [illegible] [illegible] operation engaged in the manufacture of laboratory equipment, at its plant on the [illegible]th side of Duffy Avenue, east of Charles Street, Hicksville, Nassau County.

Well water is desired for cooling manufacturing equipment in the plant. Water for drinking and sanitary purposes will be obtained from the municipal water supply.

A 69.4 gallon per minute supply well (N-3964) has been sunk in the central portion of this property. This well is of standard type with 6-inch diameter casing, about 180 feet deep. It is proposed to change the electrically operated deep well turbine pump whose present capacity is 69.4 gallons a minute to a similar type pump with a capacity of 100 gallons per minute.

Use of water will be at a rate of approximately [illegible],000 gallons a day and the annual use will not exceed 12 million gallons.

[illegible] is to pass from the well through the [illegible] [illegible] and with no outlets or connections which would permit use of the water for other purposes, to a diffusion well to be located about 135 feet south of well N-3964.

The diffusion well will be constructed in accordance with the standards for such structures adopted by the Well Drillers. Details will be submitted for approval. It will be used for no other purpose.

It appears that to approve the above application will have no perceptible effect on the ground water levels of Long Island.

[illegible] necessary to protect [illegible] the people of the State [illegible] conditions.

[illegible] approval applicant is authorized to take water pumped from this well or wells for air-conditioning, or cooling in the above described building, [illegible] other purposes whatsoever. This water may be used only in a completely closed system and all the water must be returned through the proposed diffusion well or wells or some other equivalent satisfactory structure to the same aquifer from which it was pumped.

[illegible] overflows or connections to sewers or cross-connections to any other source of water supply may be installed or maintained.

[illegible] Detailed plans showing each part of this project must have been submitted to and approved by this Commission before work is started on such part. Plans of a diffuser will be considered only after the stratification has been prevented by the sinking of the well. The entire project must be fully completed in accordance with approved plans.

[illegible] Applicant must install suitable connections to enable the discharge of the pump to be measured. Such fittings and the locations thereof will be specified by the Commission.

[illegible] No chemicals or polluting substances may be discharged in this water or into the diffusion well and the material used in the piping of the cooling system shall be of a [illegible] resistant to corrosion which would pollute the water and tend to clog the diffusion well.

[illegible] This entire plant and the appurtenances connected therewith must at all reasonable hours be open to inspection and test by duly accredited agents of this Commission and of the local water [illegible].

[illegible] This decision and [illegible] shall not be held to grant exception from [illegible] strictly [illegible] of the use of water for this [illegible] which may at any time be imposed by [illegible] authority.

[illegible] The Commission reserves the right to reconsider this approval on August [illegible], [illegible] or any later date after [illegible] hearing, at that time to [illegible] in such [illegible] suitable.

[illegible] [illegible] prior to [illegible] extended time [illegible] operation.

In view of the above the Water Power and Control Commission determines and [illegible] that approval of this application will protect the public health and public welfare in conserving the supply of water of Long Island for domestic consumption.

WHEREFORE, the Water Power and Control Commission does hereby approve the said application, maps and plans as there modified.

IN WITNESS WHEREOF, the Water Power and Control Commission has caused this determination and approval to be signed and has caused its official seal to be affixed hereto and has filed the same with all maps, plans, reports and other papers relating thereto in its office in the city of Albany this 23rd day of July, 1952.

WATER POWER AND CONTROL COMMISSION

Conservation Commissioner, Chairman

Assistant to Deputy Superintendent of Public Works, Alternate

Assistant Attorney General, Alternate

Secretary to the Commission

7-23-52
Copies to:-
Apl.
Asst. Co.

110-W-1233

FILED
NY

[illegible]

[illegible] METALAL EQUIPMENT CORPORATION

[illegible] 270 DUFFY AVENUE

HICKSVILLE [illegible] NASSAU Long Island, L.I.

PETITION

[illegible] of New York:

[illegible] CORPORATION

[illegible]:

[illegible] METALAL EQUIPMENT CORP. is a

[illegible] State of New York:

[illegible] principal office

[illegible] 270 Duffy [illegible] Hicksville, L.I., N.Y.

[illegible] Mr. Howard H. Pl[illegible] who signs and verified this

[illegible] Smith, is the duly

[illegible] and

[illegible] behalf of said corporation

[illegible] adopted at

[illegible] held

6/10/52

[illegible] laboratory equipment is manufactured.

[illegible] only [illegible] proposed plant is located [illegible] North Side of Duffy Avenue.

[illegible] on the accompanying map. [illegible] will be used for cooling of manufacturing equipment [illegible] plant, [illegible] drinking and sanitary purposes to be obtained from municipal water supply.

[illegible] is proposed to sink a well at the point shown on the accompanying plan. This well is to be 6 inches in diameter, and is to be about 100 ft. deep. An electrically operated deep well turbine pump of 100 gallons per minute capacity is to be installed. Pump capacity is to be [illegible] gallons per minute with a daily use of approximately 30,000 gallons. The total amount use from this well will not exceed 12 millions of gallons. This is based on an operating period of 12 months [illegible].

[illegible] use well water at this plant [illegible] cooler [illegible] ice [illegible] town supply during the warmer months, [illegible] for cooling purposes. [illegible] is believed that a well can be [illegible] the desired water [illegible] and from which [illegible] quality would be [illegible].

[illegible] it is proposed to [illegible] this water in an economical [illegible] and the [illegible] water is to be diffused back into the [illegible] proposed new artesian well to comply with Water [illegible] the [illegible] conditions.

[illegible] that this project [illegible] [illegible] results, that the proposed [illegible] will [illegible] the quality of the water [illegible] the proposed well will [illegible] for the purposes for which it is to be employed.

Therefore, applicant respectfully prays that the Water Power and Control Commission approve of this well project.

(Seal)

Attest:

At this writing there is in progress construction of a 69 gallon per minute well covered by permit #N-3964.

Should this application be approved, well will be designed to meet approval of Water Power and Control Commission.

110-VI-1282

FILED
JUL - 3 1952
N Y

[illegible]

[illegible]

[illegible] Metalab Equipment Corporation, a corporation duly organized under the laws of the State of New York having its principal place of business in the city of Hicksville, Long Island, State of New York, does hereby make, constitute and appoint Mr. Harvey Fischer

of Metalab Equipment Corp. its true and lawful attorney, for it, and in its name, place and stead to appear before the WATER POWER AND CONTROL COMMISSION at a hearing or hearings to be fixed by said Commission on an application made pursuant to Section 421-a of the Conservation Law for approval of the installation of a well (or wells) at (state location of proposed well or well), giving and granting unto said attorney full power and authority to do and perform all and every act and thing whatsoever, requisite, necessary and proper to be done in the premises, as fully, to all intents and purposes, as it might or could do, hereby ratifying and confirming all that its said attorney shall lawfully do, or cause to be done, by virtue hereof.

In Witness Whereof,
has caused its corporate name to be subscribed hereto by its president, and its corporate seal to be affixed, attested by its secretary, this 3rd day of July, 1952

Metalab Equipment Corporation
(Name of Applicant)

(Corporate Seal)

By Howard H. Plant President
(Title)

(Secretary)

STATE OF NEW YORK
COUNTY OF NASSAU } ss/

On this 3rd day of July, 1952, before me, the undersigned, a notary public, in and for Nassau County, came Howard H. Plant to me known, who being by me duly sworn, did depose and say that he resides in the County of Nassau State of New York; that he is the President of said corporation described in and which executed the foregoing instrument; that he knows the seal of said corporation; that the seal affixed to said instrument is such corporate seal and was so affixed by order of the Board of Directors of the said corporation, and that he signed his name thereto by like order.

Notary Public

(REGISTERED MAIL)

Water Power and Control Commission,
90-75 Sutphin Boulevard
Jamaica, New York

Gentlemen:

We enclose application for approval of the sinking of industrial wells at our plant at the above address.

The application consists of:

Petition
Plan of Plant
Plan showing proposed construction
Undertaking.

The plant is open to you for inspection at your convenience.

The hearing will be agreeable to us to have it in the Metalab Equipment Corp - 270 Duffy Ave, Hicksville L.I. ~~Long Island Office, 90-75 Sutphin Boulevard, Jamaica 2,~~ New York.

The plant can most conveniently be reached from Jamaica Van Long Island RR

Very truly yours,

[illegible]

[illegible]

Howard M. Plant being duly sworn, deposes and says that he is the President of Metalab Equipment Corporation the petitioner above named; that he has read the foregoing petition and knows the contents thereof and the same is true to his own knowledge except as to the matters therein stated to be alleged on information and belief and as to those matters he believes it to be true.

Howard M. Plant, President

Subscribed and sworn

to before me this

3RD day of July, 1952

[illegible]

Notary Public

[illegible]

[illegible]

[illegible]

Metalab Equipment Corporation June 26, 195[illegible]

Furthermore, the maximum capacity of the [illegible] must be limited by some permanent construction which cannot readily be tampered with. Throttling of the [illegible] by a valve in order to reduce the delivery will not be satisfactory and will be regarded as an attempt at evasion of the law.

It is required that you acknowledge this [illegible] stating that you are aware of the situation and [illegible] the well is completed, you advise us in order that it may be scheduled for future inspection.

Very truly yours,

WATER POWER AND CONTROL COMMISSION

By

ARTHUR [illegible] JOHNSON
Assistant [illegible]

AHJ:RG
cc: Mr. Henry Mathews

METALAB EQUIPMENT CORPORATION

Manufacturers & Engineers

LABORATORY FURNITURE & EQUIPMENT

BROOKLYN (1, N.Y.)
[illegible]
BROOKLYN 15, N.Y.
[illegible]

ADDRESS REPLY TO:

MAIN OFFICE & PLANT
HICKSVILLE L.I., N.Y.
HICKSVILLE 3-3100

July 7, 1952

STATE OF NEW YORK
WATER POWER AND
JUL - 9 1952
CONTROL COMMISSION
RECEIVED

Water Power & Control Commission
90-70 Sutphin Blvd.
Jamaica 2, New York

Re: Long Island Well No. [illegible]

Gentlemen:

This will acknowledge receipt of your letter of June 26th with reference to the installation of the above well at our premises at 170 Duffy Avenue, Hicksville, Long Island, New York.

We understand the limitations outlined in your letter and will advise you when the well is completed so that it may be scheduled for inspection.

Very truly yours,

METALAB EQUIPMENT CORP.

Howard Plant

Howard M. Plant
President

MMP:mg

July 29, 1959

[illegible] Public [illegible] 70-1224
[illegible] Engineer [illegible]

[illegible]
[illegible]
[illegible] Dudley Avenue
[illegible], [illegible]

Dear [illegible]

[illegible] certified copy of the [illegible] Commission, in the above [illegible] number.

This [illegible] approved by the Water Power [illegible] Commission on July [illegible], 1959.

Very truly yours,

[illegible] DAM AND CONTROL COMMISSION

[illegible] JOHNSON
Associate Engineer

[illegible]
[illegible]

STATE OF NEW YORK

COUNTY OF NASSAU

On this 3rd day of July, 1952, before me, the undersigned, a notary public, in and for Nassau County, came

to me known, who, being by me duly sworn, did depose and say that he resides in Nassau County, that he is the President of said corporation described in and which executed the foregoing instrument; that he knows the seal of the said corporation, that the seal affixed to said instrument is the corporate seal and was thereto affixed by order of the Board of Directors of the said corporation, and that he signed his name to said instrument by like order.

SEYMOUR FIANCE
Notary Public, State of New York
No. 30-6283900
Qualified in Nassau County
Certified with County Clerk
Term Expires March 30, 1954

Notary Public

STATE OF NEW YORK }
} ss.
COUNTY OF NASSAU }

Howard M. Plant, being duly sworn, says that he is the President of Metalab Equipment Corporation and the surety named in the foregoing undertaking, and being duly sworn says that he is a resident and freeholder within the State of New York, and is worth the sum of One Hundred Dollars ($100.00), over and above all debts and liabilities which he owes or has incurred, and exclusive of property exempt by law from levy and sale under an execution.

Subscribed and sworn to
before me this 3rd day
of July, 1952

Decem[illegible]r 19, 1952

Long Island Well Application No. W-1292
Metalab Equipment Co.

Mr. Henry Mathias
176 South 4th Street
Mineolahurst, L. I., New York

Dear Sir:

Enclosed please find duplicate of [illegible]an for discharge well No. N-4094R to be installed at the Metalab Equipment Company, 276 Duffy Avenue, Hicksville, Long Island, New York. This design has been approved for the return to the ground of water pumped from supply well N-3964.

Very truly yours,

WATER POWER AND CONTROL COMMISSION

By

ARTHUR [illegible]. JOHNSON
Assoc[illegible] Engineer

[illegible]

March 4, 1953

Long Island Well Application No. W-1292
Metalab Equipment Corporation

Howard M. Brant, Superintendent
Metalab Equipment Corporation
370 Duffy Avenue
Hicksville, L.I., New York

Dear Sir:

We are sending you herewith formal approval of wells and permit to operate the same, issued by the Water Power and Control Commission on March 3, 1953.

An inspection of your well installation on February 5, 1953 by an engineer of this Commission revealed that the water used to wash the paint spray booths is being discharged into a pit located about 30 feet east of the supply well. This water is contaminated; the extent of which at the present is not known. Also, discharging the water so close to the supply well presents a possible source of contamination. Some of the chemicals contained in this water which would not be removed by filtration during percolation may be drawn into the supply well.

It is recommended that you make an investigation of the situation to determine what, if any, preventative measures may be taken.

Very truly yours,

WATER POWER AND CONTROL COMMISSION

ARTHUR H. JOHNSON
Associate Engineer

AHJ:JD
Wells

cc: Nassau County Department of Health

[illegible] COUNTY [illegible] NEW YORK
[illegible] DEPARTMENT OF HEALTH

April 10, 1953

Metalab Equipment Corporation
270 Hardy Avenue
Hicksville, New York

Re: Discharge of Industrial Wastes.

Dear Sirs:

On March 26, 1953 a sample of the industrial discharge was taken at your plant in Hicksville. The chemical analysis indicates large quantities of [illegible] in solution or dissolved insolvents.

We suggest that a consultant be retained to determine the best method of [illegible]. It will be necessary to keep us informed of the progress [illegible] from the point discharge.

We trust that action will be taken on this program by May 10, 1953.

Very truly yours,

Thomas F. Gallagher

Thomas F. Gallagher
Public Health Engineer
Bureau of Sanitation

[illegible] 4/37

[illegible] Mr. Ralph Stanley
Water Pollution Control [illegible]

COPY

May 6, 1957

Long Island Well Application No. W-1232
Metalab Equipment Corp.

Mr. John J. Gilleon
117 Sprucewood Drive
Levittown, New York

Dear Sir:

Enclosed please find duplicate of plan for diffusor to be installed for Metalab Equipment Corp. at 270 Duffy Avenue, Hicksville. This design has been approved for the return to the ground of water pumped from supply well W-3964.

Very truly yours,

NASSAU WATER AND CONTROL COMMISSION

By

ALBERT H. JOHNSON
Associate Engineer

[illegible]
[illegible]

November 4, 1957

Long Island Well Application No. W-[illegible]232
Metalab Equipment Corporation

Plant Engineer
Metalab Equipment Corporation
270 Duffy Avenue
Hicksville, New York

Dear Sir:

We are sending you herewith formal approval of wells and revised permit to operate the same, issued by the Water Power and Control Commission on October 31, 1957.

Please note that Operating Permit must be posted on the premises near the well.

Very truly yours,

WATER POWER AND CONTROL COMMISSION

By

ARTHUR H. JOHNSON
Associate Engineer

AHJ:EB
Encl.

July 29, 1959

Long Island Well Application No. W-[illegible]
Metallab Equipment Corporation

Chief Engineer
Metallab Equipment Corporation
170 Duffy Avenue
Hicksville, New York

Dear Sir:

On July 24, 1959, an engineer from this Commission inspected the well system at the above plant, and reported that the installation generally conforms with the Commission's requirements with the exception that the operating permit could not be located. The posting of this permit on the premises, preferably in the vicinity of the supply well, is a requirement. This operating permit was issued on October 31, 1957.

You are requested to notify this office not later than August 7, 1959 whether the state permit has been located. If it cannot be found it will be necessary that you submit a request for a duplicate permit, the fee for which is $5. Please make check or money order payable to New York State Conservation Department.

Very truly yours,

LOWER HUDSON AND COASTAL COMMISSION

Walter J. Robinson
Chief Engineer

[illegible]

MAIN OFFICE AND PLANT
HICKSVILLE, L. I., N. Y.
WELLS 1-8000

METALAB Equipment Company

DIVISION OF NORBUTE CORPORATION

MANUFACTURERS AND ENGINEERS
SCIENTIFIC LABORATORY FURNITURE & EQUIPMENT

STATE OF NEW YORK
WATER POWER AND
AUG 7 - 1959
CONTROL COMMISSION
RECEIVED

August 6, 1959

Water Power and Control Commission
373 Maple Avenue
Westbury, New York

Attn: Mr. A. H. Johnson

Re: Long Island Well Application No. W-3232

Dear Sir

We have been unable to locate the operating permit for the well system at our plant.

We are requesting a duplicate permit so that we may conform with the Commission's requirements. A check for $5.00 is enclosed.

Very truly yours

METALAB EQUIPMENT COMPANY
Division of Norbute Corporation

Walter S. Stern
Plant Manager

WSS:cd

cc: Mr. Sheppard

August 12, 1959

Long Island Well Application No. N-1252
Metalab Equipment Corporation

Walter S. Stern, Plant Manager
Metalab Equipment Company
270 Duffy Avenue
Hicksville, New York

Dear Sir:

We are sending you herewith a copy of the original permit to operate Wells Nos. N-3264 and N-5199D at the above premises. Check for $5 covering cost of issuance of this copy was received on August 7, 1959.

Original permit was issued to you without charge on approval of the installation on October 31, 1957. Please note that this is a permanent permit and does not have to be renewed annually. It must be preserved and kept posted in a conspicuous place on the premises. Should this permit be lost at any time it will be required that another copy be obtained for which a fee of $5 will be charged.

Very truly yours,

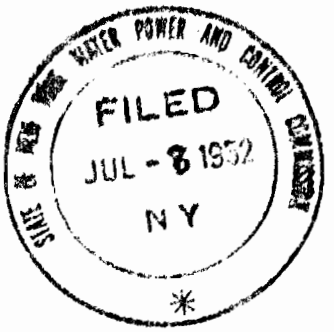
WATER POWER AND CONTROL COMMISSION

By

ARTHUR H. JOHNSON
Associate Engineer

AHJ:mm
Encl.

110 W-1232



STATE OF NEW YORK--DEPARTMENT OF CONSERVATION
WATER POWER AND CONTROL COMMISSION

PUBLIC NOTICE

A public hearing will be held in the office of the Commission, 90-70 Sutphin Boulevard, Jamaica, New York,

on July 21, 1952, at 10 A. M. on the application of METALAB EQUIPMENT CORPORATION, made under Section 521-a, Conservation Law, for approval of a well project at its new plant at 270 Duffy Avenue, Hicksville, Nassau County.

Papers filed may be consulted at office of Commission, 90-70 Sutphin Boulevard, Jamaica 2, New York, N. Y.

Objectors may be heard only on written objections, specifying the grounds thereof, filed in the above office not later than July 19, 1952.

Jamaica, New York, N. Y.

July 8, 1952.

John C. Thompson
Executive Engineer.

Copy of notice of hearing sent to:

Nassau County Dept. of Health
" " " " Public Works
Hicksville Water District

July 8, 1952

Long Island Well Application No. [illegible]-1232
Metalab Equipment Corporation

Howard M. Plant, President
Metalab Equipment Corporation
270 Duffy Avenue
Hicksville, New York

Dear Sir:

We send you herewith copies of notice of hearing in the above entitled matter. We request you to cause this notice to be published once in NEWSDAY of Garden City; such publication should be made as soon as possible after receipt of this order.

Such publication is to be in the general style and form of a legal notice. We will require that proof of this publication, together with a duplicate receipted bill for the same, be produced at the hearing.

In case, for any reason, the above notice cannot be published, or is not published, as herein required, this Commission should immediately be advised of the facts, in order that it may take suitable action in the premises.

Bill for this publication should be made out by the newspaper as a charge against the applicant.

Very truly yours,

WATER POWER AND CONTROL COMMISSION

By

ARTHUR H. JOHNSON,
Associate Engineer.

AHJ:EB
Encls. (2)

STATEMENT

W-1252

Nassau's Largest Newspaper
550 Stewart Avenue
Garden City, N. Y.
Phone: Garden City 3-1231

Newsday

Suffolk's Only Daily
1 Earl / Main Street
Bay Shore, N. Y.
Phone: Bay Shore 3600

Metalab Equip. Corp.
270 Duffy Avenue
Hicksville, New York

STATE OF NEW YORK WATER POWER AND CONTROL COMMISSION
FILED
JUL 21 1952
N Y

TERMS: NET
PAYMENT
DUE ON 15TH
OF MONTH

DATE	LINES	DESCRIPTION	CHARGES NASSAU	CHARGES SUFFOLK	CREDITS	PAY LAST AMOUNT IN THIS COLUMN
RATE:		BALANCE FORWARD				
July 12	26	App To Water & Control Comm.	@ 30¢ per line	7.80		$7.80

Quantity
Price
Extention
INVOICE RECEIVED
JUL 15 1952
Entered
Approved
Check #

PAID
JUL 21 1952
NEWSDAY, INC.
GARDEN CITY, N. Y.
For

Only Newsday is big enough to do your advertising job on the real Long Island

METALAB POWER CORP.
HICKSVILLE

7/12 Nass Legal
App To Water & Control
Comm

$7.80

PLEASE RETURN THIS STUB WITH YOUR REMITTANCE TO:
NEWSDAY, INC., 550 STEWART AVE., GARDEN CITY, N. Y.
EXPLAIN ANY DIFFERENCES ON BACK OF THIS STUB

W-1232

STATE OF NEW YORK WATER POWER AND CONTROL COMMISSION
FILED
JUL 21 1952
NY

AFFIDAVIT OF PUBLICATION

State of New York
County of Nassau } ss.:

Olivette Walsh of Newsday

Nassau County, N. Y., being duly sworn, says that she is, and at the time of publication of the annexed Notice was the Principal Clerk of the Publisher of NEWSDAY, a newspaper published in the Village of Garden City in the Town of Hempstead, County of Nassau and State of New York, and that the Notice of which the annexed is a true copy, was published in the said newspaper once

to wit: (dates of publication).

July 12, 1952

Olivette Walsh

Sworn to before me this

21st day of July, 1952

Notary Public Claire Mangini
Nassau County, N. Y.

CLAIRE MANGINI
NOTARY PUBLIC, State of New York
No. [illegible]
Qualified in Nassau County
Cert. filed with County Clerk
Term expires March [illegible]

STATE OF NEW YORK
DEPARTMENT OF CONSERVATION
WATER POWER AND CONTROL COMMISSION

PUBLIC NOTICE

A public hearing will be held at the office of the Commission, 90-79 Sutphin Boulevard, Jamaica, New York, [illegible] 1952, at 10 A.M. on the application of METAL EQUIPMENT CORPORATION made under Section 571-a, Conservation Law, for approval of a well project at new plant at 270 Duffy Avenue, [illegible], Nassau County.

Papers filed may be consulted at the office of Commission, 90-79 Sutphin Boulevard, Jamaica 2, New York, N. Y.

Objections may be heard only as to objections, protesting the granting, [illegible] filed in the above office not later than July 18, 1952.

Jamaica, New York, N. Y.
July 8, 1952.

John C. Thompson
Executive Engineer.

AFFIDAVIT OF PUBLICATION

State of New York
County of Nassau } ss.:

Olivetto Walsh of Newsday

Nassau County, N. Y., being duly sworn, says that she

is, and at the time of publication of the annexed Notice was the Principal Clerk of the Publisher of NEWSDAY, a newspaper published in the Village of Garden City in the Town of Hempstead, County of Nassau and State of New York, and that the Notice of which the annexed is a true copy, was published in the said newspaper once in ~~[illegible]~~ ~~[illegible]~~ ~~consecutive weeks~~, to wit: (dates of publication).

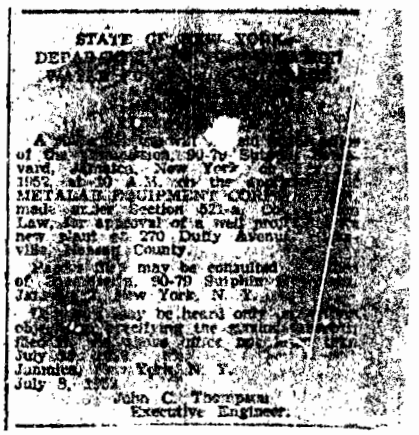
July 12, 1952

Olivetto Walsh

Sworn to before me this

first day of July, 1952

Notary Public Alice Mazzini
Nassau County, N. Y.



STATE OF NEW YORK
DEPARTMENT [illegible]

[illegible]

A [illegible] of the [illegible] 90-70 [illegible] vard, Jamaica, New York [illegible] 1952, at 10 A. M. on the [illegible] METALAIR EQUIPMENT CO[illegible] made under Section 521-a [illegible] Law, for approval of a well [illegible] new plant at 270 Duffy Avenue [illegible] ville, Nassau County.

Papers may be consulted [illegible] of [illegible] 90-70 Sutphin [illegible] Jamaica, New York, N. Y.

[illegible] may be heard only [illegible] objections relating the [illegible] July [illegible] Jamaica, New York, N. Y.

July 8, 1952

John C. Thompson
Executive Engineer.

Newsday Garden City, Long Island, New York, *Telephone*, Garden City 8-1234

Alice Patterson, *Editor and Publisher*

Ernest Levy, *Advertising Director*

July 21, 1952

Metalab Equip. Co.
270 Duffy Avenue
Hicksville, L.I.

Re: Application to Water & Control Commission

Dear Sir:

Enclosed please find Affidavit of Publication covering insertion in Newsday of legal notice in the above matter which appeared in the following issues:

July 12, 1952

Thank you for this advertising.

Cordially yours,

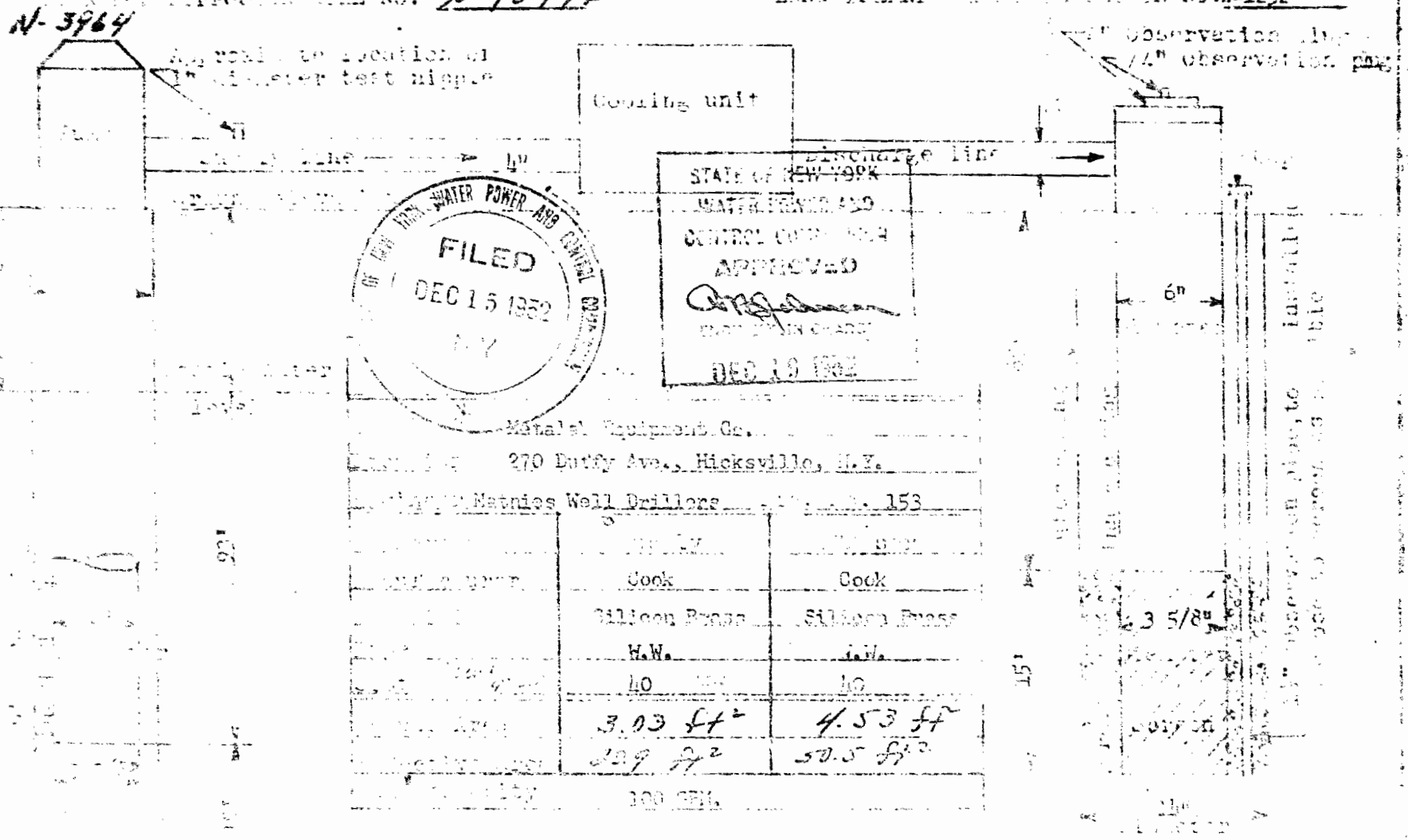
Ernest Levy
Advertising Director

EL/GS
Encl.

N-3964

N-4094P

W-1232



STATE OF NEW YORK
WATER POWER AND
CONTROL COMMISSION
APPROVED
DEC 10 1952

FILED
DEC 15 1952
N.Y.

NEW YORK STATE WATER POWER & CONTROL COMMISSION

1/19/5[illegible]

Supply Well N-3964 103' deep - 1[illegible] gpm

Screen 10' x 3/8 = 40 slot [illegible] W/O casing 4100 [illegible]

Area Open = 10 x 43.5 = $\frac{435}{144}$ = 3.03 ft²

Area Eff. = $\frac{3}{12}$ x 10 x π = 20.9 ft²

Def well - N-4094 D 80' deep -

screen 15' x 3/8 (40 slot same as supply)

Area Open 15 x 43.5 = $\frac{652.5}{144}$ = 4.53 ft²

Area Eff = $\frac{14}{12}$ x 10 x π = 50.5 ft²

(1) Area open differs at least 25% [illegible] supply - OK

2/ Area Eff Def " " 2 x [illegible] " - OK

3) Depth to H_2O 55-2.5'

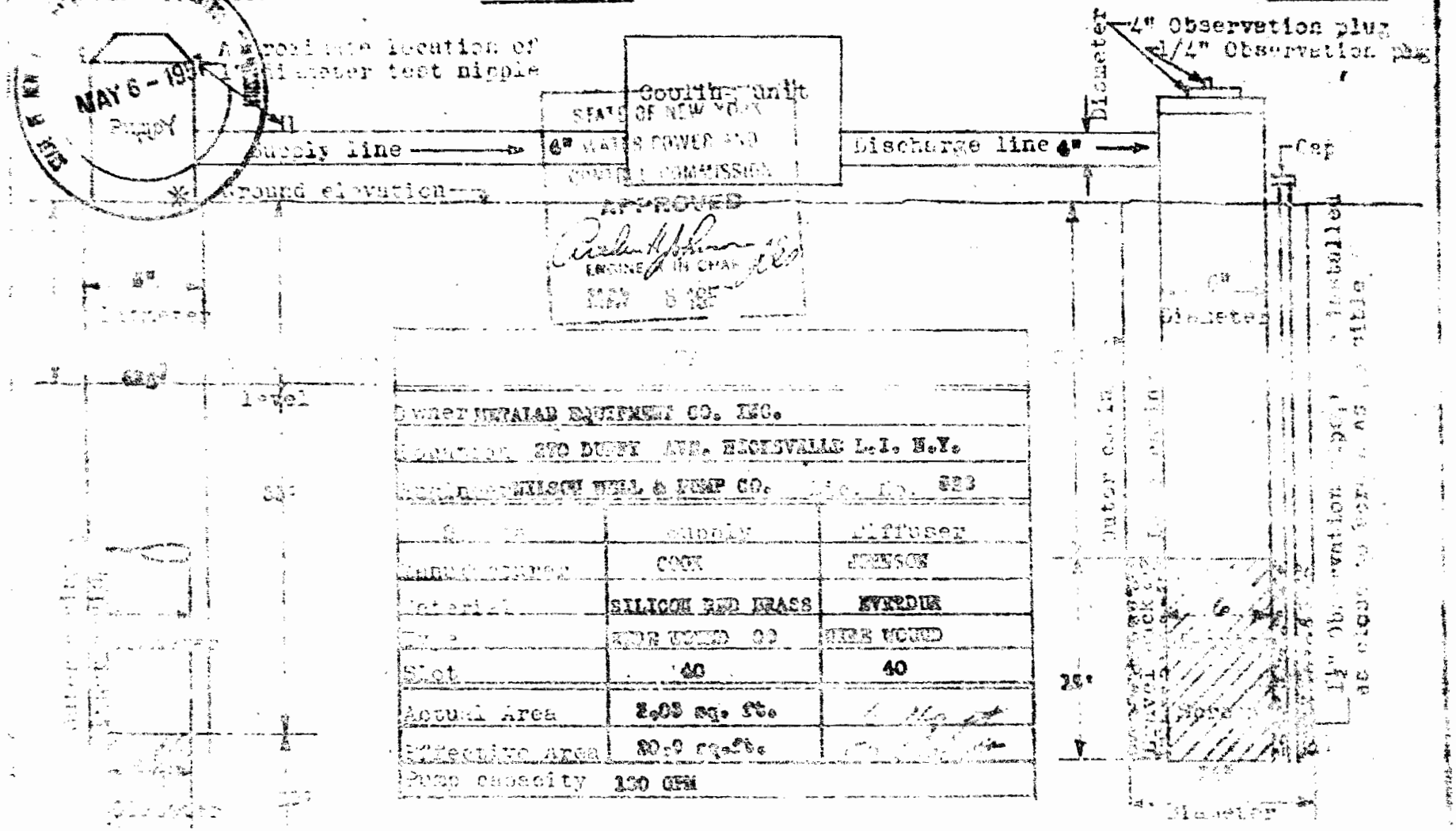
D.D at 4:59 pm probably not to [illegible] - [illegible]

made - OK

4) Water returned is same as water pumped -

MISSION WELL NO. N-6172

LONG ISLAND WELL APPLICATION NO. N-1281


Approximate location of diameter test nipple
Supply line
Ground elevation
Discharge line 4"
4" Observation plug
1/4" Observation plug
Diameter
Cap
Level
Diameter
Diameter
Diameter

Initial Equipment Co. Inc. Rehabilitation
Lift well N-3964 103 ft. [illegible]
Air Piping - 30.3 ft } see Diagram of system
Lift Air - 20.9 ft } attached 4/18/52

1. Lift well - in fact
Air - 6" x 15 ft Johnson = 90 cfm [illegible]
Air Piping = 15 x .46 = 6.90 ft
Lift Air = 19/12 x 15 x 7.50 ft

Requirements

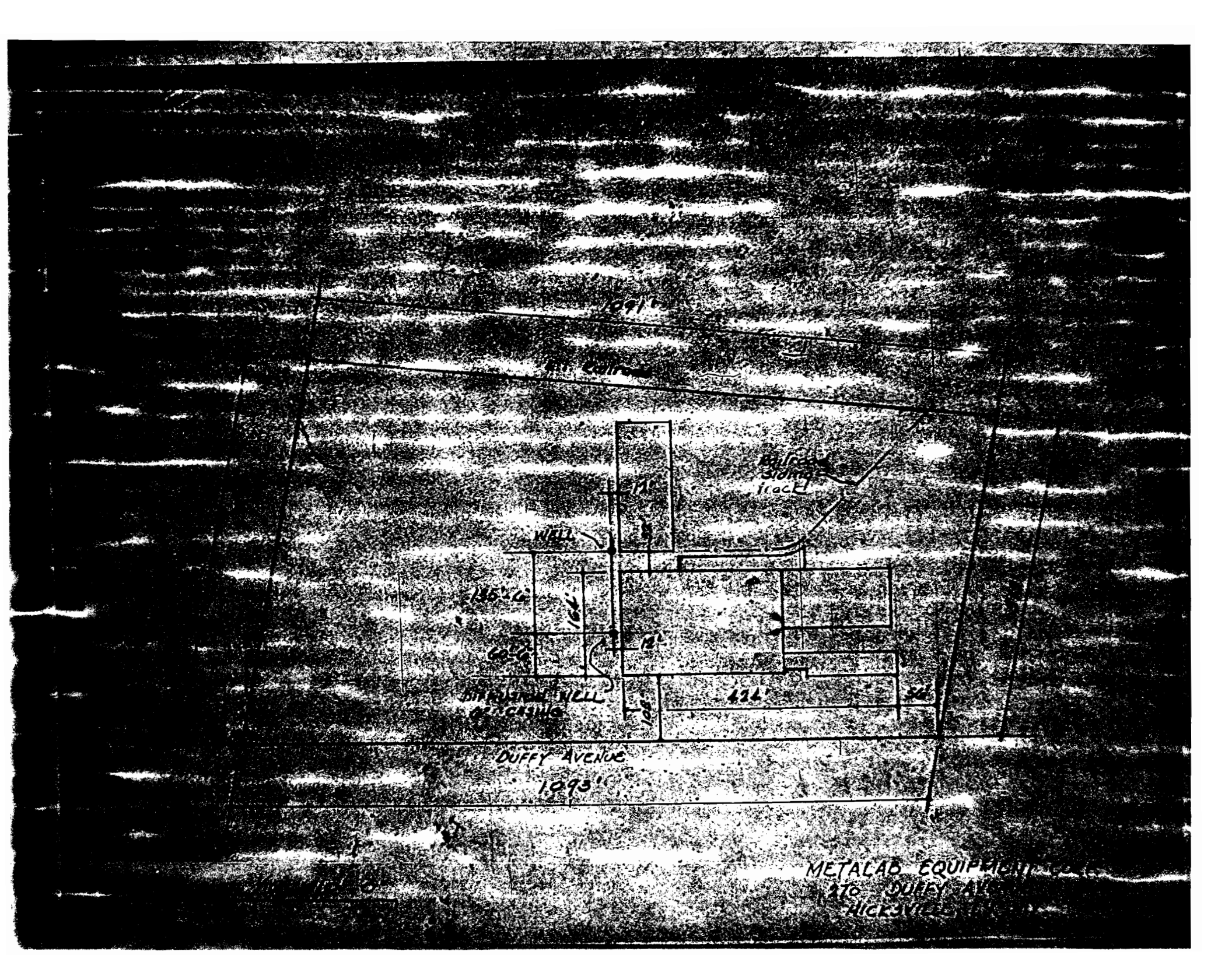
Air Piping of lift must be [illegible]
$\frac{5.17}{3.00} = \frac{5.17}{3.00} \times 100 = 126.8\%$ [illegible]

Lift Air of lift must be [illegible]
$\frac{[illegible]}{[illegible]} = [illegible]$

3. Pipe must be [illegible]

4. Depth to water must be 7 [illegible]
Depth to water - 52 ft
Drawdown - not tested [illegible]

NOTE: — THIS IS A REPLACEMENT FOR [illegible]
DRAWDOWN WELL N-4099D to be [illegible]


1091'
Railroad Siding
WELL
135'-6"
60'-6"
12'
424'
DUFFY AVENUE
1093'
METALAB EQUIPMENT

Application No. [illegible]

Diff. W.P. " " H-[illegible]
" " N-61990

STATE OF NEW YORK

DEPARTMENT OF CONSERVATION
DIVISION OF WATER POWER AND CONTROL

APPROVAL OF WELL SYSTEM AND PERMIT TO OPERATE - REVISED

Owner: Metalab Equipment Corporation

Address: 270 Duffy Avenue, Hicksville, New York

Location: 277' N of Duffy Avenue, 12[illegible]' E of Combes Avenue, Hicksville, Nassau County.

Depth 103 ft. Diameter casing 6 in. Diameter screen 3-5/8 in.

Pump: Disc. deep well turbine of 100 gallons per minute capacity

Water to be used for cooling manufacturing equipment in the plant.

Special conditions: All water must be returned to the same aquifer pumped.
No taps or sewer connections.

Supply well:
Driller: Mathison Well & Pump Co. Inc., 176 S. 4th St., Lindenhurst, N.Y.
Dirt. Wells J.J. Wilson, 17 Cypressbeck Drive, Levittown, N. Y.

All construction has been completed in accordance with the provisions of Decision (B) of July 23, 1952, and the system may be operated subject to the terms thereof.

Albany, New York

Date: October 31, 1957

WATER POWER AND CONTROL COMMISSION

By

(L.S.) J. THOMPSON
Secretary

Application No. [illegible]

Well No.: N-3964
N-4094D

STATE OF NEW YORK

DEPARTMENT OF CONSERVATION
DIVISION OF WATER POWER AND CONTROL

APPROVAL OF WELL AND PERMIT TO OPERATE

Owner: Notelab Equipment Corporation

Address: 270 Duffy Avenue, Hicksville, Long Island, New York

Location: 277' N of Duffy Ave., 125' E of Combes Ave., Hicksville, Nassau County

Depth 100 ft. Diameter casing 6 in. Diameter screen 3 5/8 in.

Pump: Elec. deep well turbine of 100 gallons per minute capacity

Water to be used for cooling manufacturing equipment in the plant

Special conditions: All water must be returned to the same aquifer pumped.
No taps or minor connections.

Driller: Henry Heckles, 176 South 4th Street, Lindenhurst, New York

THIS WELL has been constructed in accordance with provisions of Decision of July 23, 1952, and may be operated subject to the terms of that Decision.

Albany, New York

Date March 3, 1955

WATER POWER AND CONTROL COMMISSION

By: J. C. [illegible]
Director

Form Div. Licensee - 3

T-[illegible]

7-8-50-3M (9B-11[illegible])

[illegible] Nassau [illegible] No. N-1293 [illegible] Well No. N-3964

[illegible]

[illegible]

Owner Metalab Equipment Corporation

Address 270 Duffy Avenue, Hicksville, L. I., New York

Location 277'N of Duffy Ave 125' E of Gerber Ave. Hicksville, N.Y.

Driller Henry Mathies Date Completed 7/14/52

Casings 93 ft. of 6 in.; ___ ft. of ___ in.; ___ ft. of ___ in.

Screen 10 ft. of 3 5/8 in. Johnson #40 Slot Total depth 103 ft. below grade

Pump Deming Deep Well Turbine Motor U. S. 10HP

Capacity 100 g.p.m. (Nominal - ~~by test~~)

Use of water cooling manufacturing equipment in the plant

Other wells on premises (if diffusion, make report thereon) ___

N-4094D (See attached sheet)

Well Driller's preliminary report made 6/25/53 final report 12/19/52

Remarks Inspected by Engineer Saccarenala. All conditions for the well installation have been complied with. It was also noted that public supply water used for washing down 3 paint spray booths is being discharged into a pit about 8' deep which is located approximately 30' east of the supply well. It is possible that in the future this contaminated water may be drawn into the supply well.

Recommendations Approve with N-4094D and issue operating permit.

Inspected February 5, 1953 Date Report February 24, 1953

[illegible] Title Associate Engineer

* See Over

[illegible] Well No. N-4094B

[illegible]

[illegible] Inland Well

Owner Metalab Equipment Corporation

Address 270 Duffy Avenue, Hicksville, Long Island, New York

Location 70' N of Duffy Ave., 115' E of Cornes Ave., Hicksville, N.Y.

Driller Henry Hohnien Date Completed 12/26/52

Casings 64.3 ft. of ____ in.; ____ ft. of ____ in.; ____ ft. of ____ in.

Screen 16.3 ft. of 3 5/3 in. Johnson #40 Slot Total depth 79.3 ft. below grade

Pump _____ Motor _____

Capacity _____ g.p.m. (Nominal - by test)

Use of water cooling manufacturing equipment in the plant.

Other wells on premises (if diffusion, make report thereon) _____

N-3984 (see attached sheet)

Well Driller's preliminary report made 12/12/52 final report 1/7/53

Remarks Inspected by Engineer Saccoccio. ½" observation plug installed on diffuser, all conditions complied with.

Recommendations Approve and issue operating permit.

Date Inspected February 5, 1953 Date Report February 24, 1953

Approved:

Associate Engineer

See Over

County Nassau Application No. W-4242 Well No. N-6199D

WATER SUPPLY AND IMPROVEMENT COMMISSION

Report on Completed Long Island Well

Owner Metalab Equipment Corporation

Address 270 Duffy Avenue, Hicksville, N. Y.

Location 277' N of Duffy Ave., 125' E of Combes Ave., Hicksville, Nassau

Driller J. J. Wilson Date Completed 5/15/57

Casings 85 ft. of 6 in.; ____ ft. of ____ in.; ____ ft. of ____ in.

Screen 15 ft. of 6 in. Johnson #40 slot Total depth 100 ft. (below grade)

Pump ____ Motor ____

Capacity ____ g.p.m. (Nominal - by test)

Use of water ____

Other wells on premises N-3964 previously approved; N-4094D abandoned

Well Driller's preliminary report made 5/6/57 final report 10/11/57

Remarks Inspected by Engineer Soccorreccia. This diffuser replaces well N-4094D which has been abandoned.

Recommendation Approve

Date Inspect 10/8/57 Date Report 10/9/57

Assistant Engineer

State of New York Department of Conservation
WATER POWER AND CONTROL COMMISSION

Inspection of Diffusion Installations

Name Metalab Equip. Supply well No. N-3964

Address N/E Duffy Ave Hicksville E/S Combes Ave Diffusion well No. N-4044D N-6199D

Application No. W-1232

Date of Inspection	2/5/53	10/8/57	7/24/59	
Inspector	JAS	JAS	JAS	
Person contacted	Mr James Chief Engr.	Mr Bagnefiance plumber	Walter Stern	
Debris at supply well	✓	Same	✓	
Debris at diffusion well	✓	No	—	No
Test nipple installed	—	Clerges		Underlier
Permit posted	New	—	cannot locate	Hobelman
Operating pressure	—			Control
Supply temperature	—			
Diffusion "	—			
Cross connections	None Vis.			
HP & pump capacity	Deming 10HP - 100gpm			
Meters installed	—			
Diffuser accessible	✓	New - OK Old - OK	✓	
1/4" inspection plug & port	✓	✓ 1/2" plug	not for T&L vapors	
Back pressure	None	None	Machine ID	
Diffuser last cleaned	New	New	Ryan	
Use of water	Cooling	→		
Period of operation		All year		
Annual pumpage	12.0MG			
S.W.L.				

Remarks: Bldg. sold - owner old Diff N-4094D - accessible - No longer used

MINUTES OF HEARING

Long Island Well Application No. W-1232

METALAB EQUIPMENT CORP. (270 Duffy Ave., Hicksville)

Hearing in: the office of the Commission, 90-79 Sutphin Blvd., Jamaica
on July 21, 1952 at 10 A.M.

Applicant by: Mr HM Plant Pres. Mr James Engr

Objectors: None

Proof of publication

Location of plant North side of Duffy Ave from 426' West ~~[illegible]~~ East of Combes Ave to 615' E of Combes Ave.

Type of building One story factory + office

Name Metalab Equipment Corp

Seating capacity

Owner Lease property from Belaton Corp

Use of well water Cooling machinery

Well: Location 301' No of Duff Ave ~~[illegible]~~ 128' E of Combes Ave.
Type Standard Diameter 6" Depth 100
Pump: Type E DWT Capacity 100
Draft 5 day week thru year 50000 gal/day
12 000 gal/hr

Other connections and taps None

Disposition of water Diffusion

Diffuser: Location 135' south of supply well ft. from wall
Type Standard 6" 100' Dimensions

Other uses None

Public supply Hicksville Water District

H. Nelson

110-VI-1232

STATE OF NEW YORK - WATER POWER AND CONTROL COMMISSION

FILED
JUL - 3 1952
N.Y.

(UNDERTAKING)

WHEREAS,

Metalab Equipment Corp. has, under the provisions of Article XI of the Conservation Law, applied to the Water Power and Control Commission of the State of New York, for approval of installation of industrial wells in the County of Nassau and State of New York.

WHEREAS, an undertaking is required to be given under Section 523 of the Conservation Law to cover the expenses of the hearing and determination by said Commission on said application and the amount of said undertaking has been fixed by said Commission in the sum of

NOW, THEREFORE, the said Metalab Equipment Corporation as principal, and Howard M. Plant, President thereof, as surety, are held and firmly bound unto The People of the State of New York, in the penal sum of ONE HUNDRED DOLLARS lawful money of the United States of America, to be paid to the said People of the State of New York, their or its attorney, or assigns for which payment well and truly to be made we bind ourselves, our heirs, executors, administrators, successors and assigns jointly and severally firmly by these presents.

Now the condition of this obligation is such that if the said Metalab Equipment Corp. shall honestly and faithfully pay on demand by said Commission all expenses of the hearing and determination on said application, as provided by law, then this obligation shall be void and of no effect, otherwise to remain in full force and virtue.

IN WITNESS WHEREOF, the said principal and surety have hereunto set their hand and seal this 3rd day of July, 1952

Metalab Equipment Corp.

(Seal)

Attest: