

Phone: Lab. 852-3023
Billing Office—852-3054

MON., TUES., WED., FRI. 8:30 to 4:30
SAT. 8:30 to 3:00 CLOSED THURS.

WATER ANALYSES

Name Washington Twsp. Health Dept.
Address Long Valley, N.J.
Date of Collection 11/21/80
Sample Collected by MLC

Date Nov. 25, 1980

Time of Collection 2:00pm
Date & Time Submitted 11/21 - pm

BACTERIOLOGICAL

Total No. of Coliform
Organisms/100ml

Total No. of Fecal Coliform
Organisms/100ml

Source of Supply

#14696 - Landfill property
red feeder stream above Bostick

0

3

REMARKS:

(Complied, Did not comply) with bacteriological standards for
a safe water supply at the time of collection.

CHEMICAL

Source of Supply same

ph	<u>7.36</u>	.....	.....	.....	.....	.....	.....	.....	.....
Iron	<u>0.15</u>	ppm	.....	.....	.....	.....	.....	.....	.....
Hardness	.....	ppm	.....	.....	.....	.....	.....	.....	.....

REMARKS:

Copy to Warren County Health Department

Vincent Coughlin

MEDICAL LABORATORY OF NORTHWEST NEW JERSEY, INC.

(Certified Water Laboratory No. 351-2723)

108 High St., P.O. Box 428 Hackettstown, N.J. 07810

Vincent D. Coughlin, Director

Phone: Lab. 852-3023
Billing Office—852-3054

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BACTERIOLOGICAL

Total No. of Coliform
Organisms/100ml

Total No. of Fecal Coliform
Organisms/100ml

Source of Supply

#14697 - Landfill #4
survey line & brook

900

3

REMARKS:

(Complied, Did not comply) with bacteriological standards for
a safe water supply at the time of collection.

CHEMICAL

Source of Supply same

ph	<u>6.51</u>	.....	.....	.....	.....	.....	.....	.....	.....
Iron	<u>0.06</u>	ppm	.....	.....	.....	.....	.....	.....	.....
Hardness	.....	ppm	.....	.....	.....	.....	.....	.....	.....

REMARKS:

Copy to Warren County Health Department

100015

Vincent Coughlin

SDMS Document



39810

205 LIVINGSTON AVE.
NEW BRUNSWICK, N.J. 08901
(201) 249-7402

PATERSON
LABORATORIES



Environmental Sciences
Medical Technology
Industrial Hygiene

Medical Lab of North West N.J. Inc.
108 High Street
Hackettstown, New Jersey 07840

DATE: 10/31/80

JOB NO. #80-11520

AUTHORIZATION:

SAMPLE RECEIVED:

10/27/80

REPORT OF ANALYSES

Sample #	Date Collected	Time Collected	Point of Collection	Coliform Organisms		Chlorine Residual	
				Fecal	Total	Free	Total
1			Tingue #11897				

PHYSICAL - CHEMICAL ANALYSES: Determinations are in mg/l except color, odor, turbidity, and pH. Figures in parentheses are from THE N. J. Potable Water Standards and/or National Interim Primary Regulations.

Sample Number				Sample Number	1		
Color (10)				Arsenic (0.05) *	0.001		
Odor (III)				Barium (1.0) *	0.250		
Turbidity (5)				Cadmium (0.010) *	0.001		
pH				Chromium (0.05) *	0.005		
Alkalinity to pH 4				Copper (1.0)			
Nitrate as N (10)				Cyanide (0.20)			
Chloride (250)				Lead (0.05) *	0.001		
Total Dis. Solids (500)				Mercury (0.002) *	Non-Detectable		
ABS/LAS (0.5)				Selenium (0.01) *	0.001		
Total Hardness (150)				Silver (0.05) *	0.002		
Total Iron (0.3)				Phenol (0.001)			
Manganese (0.05)				Endrin (0.0002)			
Sodium (50)				Lindane (0.004)			
Sulfate (250)				Methoxychlor (0.1)			
Fluoride (2.0)				Toxaphene (0.005)			
(5.0)				2,4-D (0.1)			
				Silvex (0.01)			

100016

Remarks:

205 LIVINGSTON AVE.
NEW BRUNSWICK, N.J. 08901
(201) 249-7402

PATERSON
LABORATORIES



Environmental Sciences
Medical Technology
Industrial Hygiene

TO:

Medical Lab of North West N.J. Inc.
108 High Street
Hackettstown, New Jersey 07840

DATE: 10/31/80

JOB NO. #80-11521

AUTHORIZATION:

SAMPLE RECEIVED:

10/27/80

REPORT OF ANALYSES

Sample #	Date Collected	Time Collected	Point of Collection	Coliform Organisms		Chlorine Residual	
				Fecal	Total	Free	Total
1			Bistick #11808				

PHYSICAL - CHEMICAL ANALYSES: Determinations are in mg/l except color, odor, turbidity, and pH. Figures in parentheses are from THE N. J. Potable Water Standards and/or National Interim Primary Regulations.

Sample Number				Sample Number	1		
Color (10)				Arsenic (0.05) *	0.001		
Odor (III)				Barium (1.0) *	0.054		
Turbidity (5)				Cadmium (0.010) *	0.002		
pH				Chromium (0.05) *	0.001		
Alkalinity to pH 4				Copper (1.0)			
Nitrate as N (10)				Cyanide (0.20)			
Chloride (250)				Lead (0.05) *	0.005		
Total Dis. Solids (500)				Mercury (0.002) *	Non-Detectable		
ABS/LAS (0.5)				Selenium (0.01) *	Non-Detectable		
Total Hardness (150)				Silver (0.05) *	0.002		
Total Iron (0.3)				Phenol (0.001)			
Manganese (0.05)				Endrin (0.0002)			
Sodium (50)				Lindane (0.004)			
Sulfate (250)				Methoxychlor (0.1)			
Fluoride (2.0)				Toxaphene (0.005)			
Zinc (5.0)				2,4-D (0.1)			
				Silvex (0.01)			

100017

Remarks:

PATERSON
LABORATORIES



Environmental Sciences
Medical Technology
Industrial Hygiene

DATE: 10/31/80

JOB NO. #80-11522

AUTHORIZATION:

Medical Lab of North West N.J. Inc.
108 High Street
Hackettstown, New Jersey 07840

SAMPLE RECEIVED:

10/27/80

REPORT OF ANALYSES

Sample #	Date Collected	Time Collected	Point of Collection	Coliform Organisms		Chlorine Residual	
				Fecal	Total	Free	Total
1			Yurcannon #11809				

PHYSICAL - CHEMICAL ANALYSES: Determinations are in mg/l except color, odor, turbidity, and pH. Figures in parentheses are from THE N. J. Potable Water Standards and/or National Interim Primary Regulations.

Sample Number				Sample Number	1		
Color (10)				Arsenic (0.05) *	Non-Detectable		
Odor (III)				Barium (1.0) *	0.025		
Turbidity (5)				Cadmium (0.010) *	0.001		
pH				Chromium (0.05) *	0.000		
Alkalinity to pH 4				Copper (1.0)			
Nitrate as N (10)				Cyanide (0.20)			
Chloride (250)				Lead (0.05) *	0.002		
Total Dis. Solids (500)				Mercury (0.002) *	Non-Detectable		
ABS/LAS (0.5)				Selenium (0.01) *	0.001		
Total Hardness (150)				Silver (0.05) *	0.001		
Total Iron (0.3)				Phenol (0.001)			
Manganese (0.05)				Endrin (0.0002)			
Sodium (50)				Lindane (0.004)			
Sulfate (250)				Methoxychlor (0.1)			
Fluoride (2.0)				Toxaphene (0.005)			
Zinc (5.0)				2,4-D (0.1)			
				Slivex (0.01)			

100018

Remarks:

MEDICAL LABORATORY OF NORTHWEST NEW JERSEY, INC.

(Certified Water Laboratory No. 35) *10.35*

108 High St., P.O. Box 428

Hackettstown, N.J. 07840

Vincent D. Coughlin, Director

Phones: Lab.—852-3023

Billing Office—852-3054

MON., TUES., WED., FRI. 8:30 to 4:30

SAT. 8:30 to 3:00 CLOSED THURS.

WATER ANALYSES

Name Washington Twsp. Health Dept.

Date Oct. 21, 1980

Address Long Valley, N.J.

Date of Collection 10/16/80

Time of Collection 3:00pm

Sample Collected by MLC

Date & Time Submitted 10/17 - pm

BACTERIOLOGICAL

Total No. of Coliform
Organisms/100ml

Total No. of Fecal Coliform
Organisms/100ml

Source of Supply

1. #13173 - Bostick, Parker Rd. Well

0

2. #13174 - Bostick, Stream

300

REMARKS:

(Complied, Did not comply) with bacteriological standards for
a safe water supply at the time of collection.

CHEMICAL

Source of Supply _____

ph _____ JTU _____

Iron _____ ppm _____ ppm

Hardness _____ ppm _____ ppm

REMARKS:

1 Copy to Warren County Health Department

[Signature]

100019

inter-office memorandum

TO: Gary Brown

DATE: 9/25/80

FROM: Laboratory Department

SUBJECT: Test Report No. 5229-A, Monitoring Wells/Combe
Landfill, Chester Hill

This report covers the analysis of five (5) well water samples obtained by the Laboratory on September 5, 1980. The sample designations, and locations are as follows:

<u>Designation</u>	<u>Location</u>
1	Well #1
2	Well #2
3	Well #3
4	Well #4
5	Well #5

The sample designations, parameters analyzed and results are delineated in the attached table.

This analysis adhered to the following methods:

- . Standard Methods for the Examination of Water and Wastewater, 14th edition.
- . Manual of Methods for the Chemical Analysis of Water and Wastes, USEPA, 1974.

If you have any questions, please do not hesitate to contact me.

William J. Ziegler
William J. Ziegler
Lab Manager

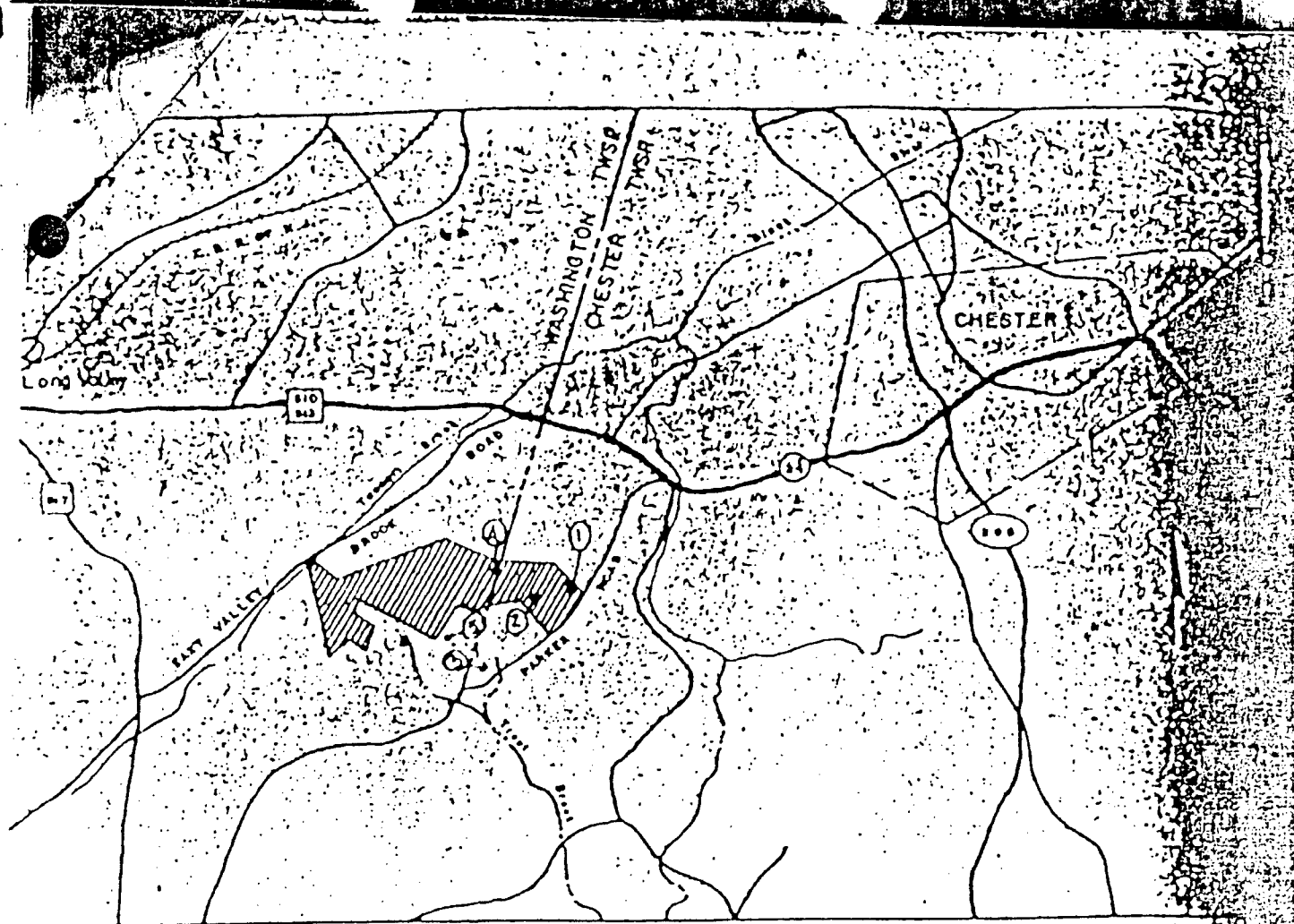
100020

WELL NO.

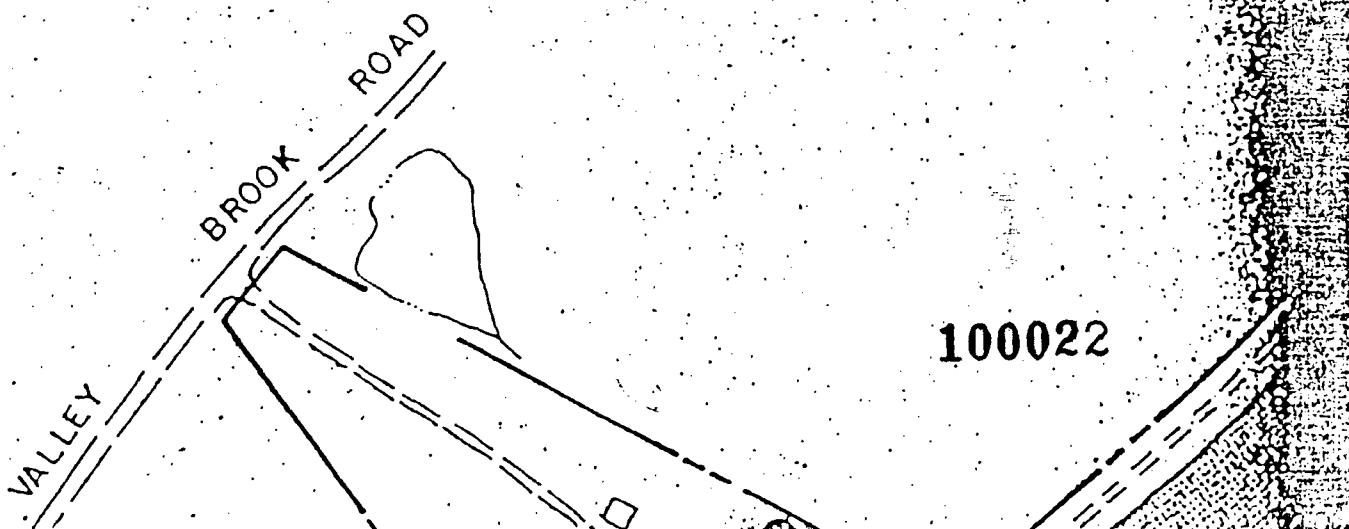
<u>Parameters</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>
Total Coliform colonies/100 mls	0	0	0	3	1
Fecal Coliform colonies/100 mls	0	0	0	0	0
Fecal Streptococcus colonies/100 mls	0	0	0	0	30
Turbidity, NTU	0.3	0.4	0.3	45	260
Color, Apparent, units	5	15	10	40	500
Taste	ND	ND	ND	ND	ND
Odor, Intensity Index	II	III	II	III	IV
Arsenic, Total	<0.05	<0.05	<0.05	<0.05	<0.05
Barium, Total	<0.1	<0.1	<0.1	<0.1	<0.1
Cadmium, Total	<0.01	<0.01	<0.01	<0.01	<0.01
Chromium, Hexavalent	<0.01	<0.01	<0.01	<0.01	<0.01
Cyanide	0.11	0.12	<0.10	<0.10	<0.10
Fluoride	0.47	<0.1	<0.1	0.11	<0.1
Lead, Total	<0.05	<0.05	<0.05	0.11	<0.05
Selenium, Total	<0.01	<0.01	<0.01	<0.01	<0.01
Silver, Total	<0.01	<0.01	<0.01	<0.01	<0.01
MBAS	<0.1	<0.1	<0.1	<0.1	<0.1
Chloride	76	5	3	2	98
Copper, Total	<0.05	<0.05	<0.05	<0.05	<0.05
Hardness as CaCO ₃	91	27	17	25	140
Iron, Total	0.30	0.15	0.40	1.20	3.8
Manganese, Total	<0.02	<0.02	<0.02	<0.02	0.12
Nitrate NO ₃ , as Nitrogen	0.80	0.55	0.44	1.0	1.0
Phenolics as Phenol	<0.01	<0.01	<0.01	<0.01	<0.01
Sodium, Total	8.6	4.7	9.5	2.5	16
Sulfate	10	4.3	9.5	5.6	19
Total Dissolved Solids	380	70	130	90	470
Zinc, Total	0.07	<0.01	0.12	<0.01	0.16
COD	26	<5	9	15	29
BOD	12	13	12	14	15

NOTE: All Values are reported as mgms/l except as noted.
ND - Not Determined.

100021



COMBE FILL SOUTH
LOCATION PLAN
SCALE 1"=4000'



248/Jessup Road & Route 1-295/Thorolare, N.J 08086/609/848-3939

ANALYSIS REPORT

NO. 08353

CERTIFICATE OF ANALYSIS

Northwest Medical Lab
108 High Street
Hackettstown, NJ 07840

LOG NUMBER
08353

SAMPLE IDENTIFICATION

#11775 - Bostick, Parker Rd.

Tanners Brook above bridge

8/28/80

ANALYSIS COMPLETED

9/12/80

RESULTS (mg/L unless specified)

TEST PARAMETER	08353	08353
Chlorine Demand		
Chlorine Residual		
Chloride (CL)		
Silica		
Petroleum HYC		
Hardness (as CaCO ₃)		
	0.010	
	<.004	
Aluminum		
Antimony		
Arsenic		.012
Barium		<.5
Boron		
Cadmium		.01
Calcium (Ca)		
Chromium (Total)		.02
Chromium (Hexa)		
Copper		
Iron		
Lead		<.05
Magnesium (Mg)		
Manganese		
Mercury		<.001
Nickel		
Potassium		
Selenium		.001
Silver		
Sodium		
Tin		
Titanium		
Zinc		

Three sample dilutions were used for this determination, 100, 10 and 1 µg/ml, to define the limit of detection.

100023

Robert W. Ochs

CERTIFICATE OF ANALYSIS

Northwest Medical Lab
108 High Street
Hackettstown, NJ 07840

SAMPLE NUMBER

08352

SAMPLE IDENTIFICATION

#11774 - Tingle, Parker Rd.
inflow to pond, Tanners Brook

8/28/80

ANALYSIS COMPLETED

9/12/80

RESULTS (mg/L unless specified)

08352	TEST PARAMETER	08352
	Chlorine Demand	
	Chlorine Residual	
	Chloride (Cl ⁻)	
	Sulfate	
	Fluoride (F ⁻)	
	Hardness (as CaCO ₃)	
0.020	Aluminum	
<.008	Antimony	
	Arsenic	<.001
	Barium	<.5
	Boron	
	Cadmium	<.01
	Calcium (Ca)	
	Chromium (Total)	.01
	Chromium (Hexa)	
	Copper	
	Iron	
	Lead	<.05
	Magnesium (Mg)	
	Manganese	
	Mercury	<.001
	Nickel	
	Potassium	
	Selenium	<.001
	Silver	
	Sodium	
	Tin	
	Titanium	
	Zinc	

* A minimum of 5 sample dilutions were used for this determination.

Values below the limit of detection

LAB COMMENT:

100024

Robert W. Ochs

LAB DIRECTOR

MEDICAL LABORATORY OF NORTHWEST NEW JERSEY, INC.

187 Main Street, P. O. Box 428 Hackettstown, N. J. 07810

Thomas D. Coughlin, M. T., Director

Area Code: 201

Telephone: 852-3023

Date Sept. 3, 1980

BACTERIOLOGICAL WATER ANALYSES

Name: Washington Twsp. Health Dept.

Address: Long Valley, N.J.

Date of Collection: 8/29/80

Samples Collected by: MLC

	Source of Supply	No. of Coliform Organisms/100 ml /ml
1	S. Branch Raritan North twsp. boundary	3000
2	Drakes Brook	3000
3	Stoney Brook corner Naughtright & Fairview	4000
4	S. Branch Raritan Near Wright Spring	5000
5	Corner Old Farmers Rd. & Long Valley Blvd.	2000
6	Tanners Brook (Hence)	5000
7	Tanners Brook Coleman Rd. & E. Mill	8000
8	S. Branch Raritan below county road dept.	5000

Remarks:

(Complied, Did not comply) with bacteriological standards
for a safe water supply at the time of collection.

[Signature]

100025



State of New Jersey

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF ENVIRONMENTAL QUALITY
JOHN FITCH PLAZA, CN 027, TRENTON, N. J. 08625
Solid Waste Administration

August 27, 1980

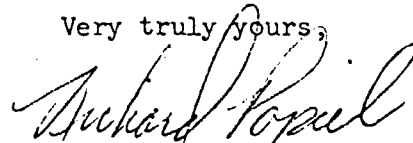
Mr. R.H. Rudolph
Washington Township Health Department
Washington Township Municipal Building
P.O. Box 216
Long Valley, New Jersey 07853

Dear Mr. Rudolph:

As indicated in our phone conversation, I am enclosing the data which you requested. Also enclosed is an up to date report on the results of the Tigue Brook sampling.

I will notify you when I plan to sample the week of September 8th.

Very truly yours,


Richard Popiel

RP:ekd

Enclosures

RECEIVED

SEP 2 1980

WASHINGTON TOWNSHIP,
HEALTH DEPT.

100026