

PLATTSBURGH MGP SITE INVESTIGATION

ATTACHMENTS

Prepared For:

**NEW YORK STATE ELECTRIC
& GAS CORPORATION
Kirkwood Industrial Park • P.O. Box 5224
Binghamton, NY 13902-5224**

Prepared By:

**ATLANTIC ENVIRONMENTAL SERVICES, INC.
188 Norwich Avenue • P.O. Box 297
Colchester, Connecticut 06415**

Atlantic Project No. 1284-18-03

July 31, 1996

BH 10/94 - 09

Page 1 of 1

PROJECT: Plattsburgh MGP Site

DRILLER: Joe Ely, Richard Mitchell

PROJECT NO: 1284-18-02

DRILLING METHOD: Hollow-Stem Auger

LOCATION: Saranac Street, Plattsburgh, New York

SAMPLING METHOD: 2-Inch Split-Spoon

DATE STARTED: 10-26-94

GROUND ELEVATION:

DATE COMPLETED: 10-26-94

WEATHER: Sunny, 65°

ILLING CONTRACTOR: Northstar Drilling, Inc.

INSPECTOR: Martin Brogie

[illegible]

ATLANTIC

PROJECT: Plattsburgh MGP Site

PROJECT NO: 1284-18-02

LOCATION: Saranac Street, Plattsburgh, New York

DATE STARTED: 10-26-94

DATE COMPLETED: 10-26-94

DRILLING CONTRACTOR: Northstar Drilling, Inc.

DRILLER: Joe Ely, Richard Mitchell

DRILLING METHOD: Hollow-Stem Auger

SAMPLING METHOD: 2-Inch Split-Spoon

GROUND ELEVATION:

WELL ELEVATION:

WATER TABLE ELEVATION:

WEATHER: Sunny, 65°

INSPECTOR: Martin Brogie

SPLIT SPOON SAMPLE DEPTH (ft)	BLOWS PER 6"	% RECOVERY	HNU (ppm)	SOIL DESCRIPTION color, density, SOIL, admixture, moisture, other notes, ORIGIN	VISUAL CONTAM.			ODOR			LITHOLOGY	DEPTH (FT.)	WELL CONSTRUCTION
					NONE	STAIN	SHEEN	HEAVY	NONE	SLIGHT	MODERATE	HEAVY	
0-5	Augered			Light brown, fine to medium SAND and GRAVEL.									
5-7	2,2 1,2	25	47	Black stained, fine, medium and coarse SAND and GRAVEL, trace silt, wet, heavy odor. Visible tar.									
7-9	1,2 1,1	20	27										
9-11	17,50/2 --	80	128										
11-13	20,40 50/3,-	35	11	Dense, dark grey, silty fine SAND and GRAVEL (till).									
				END OF BORING AT 13.0 FEET.									

PROJECT: Plattsburgh MGP Site

PROJECT NO: 1284-18-02

LOCATION: Saranac Street, Plattsburgh, New York

DATE STARTED: 10-27-94

DATE COMPLETED: 10-27-94

DRILLING CONTRACTOR: Northstar Drilling, Inc.

DRILLER: Joe Ely, Richard Mitchell

DRILLING METHOD: Hollow-Stem Auger

SAMPLING METHOD: 2-Inch Split-Spoon

GROUND ELEVATION:

WEATHER: Partly cloudy, 45°

INSPECTOR: Martin Brogie

SPLIT SPoon SAMPLE DEPTH (ft)	BLOWS PER 6"	% RECOVERY	HNU (ppm)	SOIL DESCRIPTION color, density, SOIL, admixture, moisture, other notes, ORIGIN	VISUAL CONTAM.				ODOR			SAMPLE ANALYSIS	LITHOLOGY	DEPTH (FT.)
					NONE	STAIN	SHEEN	HEAVY	NONE	SLIGHT	MODERATE	HEAVY		
0-2	3,5 7,5	10	0	Dark brown, fine sandy LOAM. Orange brown fine medium coarse SAND and GRAVEL.										0
2-4	5,5 2,2	5	0											
4-6	2,6 1,2	50	56	Black fine to medium sand, ORGANIC MATTER and WOOD CHIPS, moderate tar odor and sheen, wet. Light brown fine to medium SAND, and moderate odor and sheen.										5
6-8	8,14 14,14	50	46	Black, fine, medium and coarse SAND and GRAVEL, trace silt, visible tar. Visible tar.										
8-10	25,40 50/1,-	50	46											10
10-12	27,42 100/4,-	33	39											
				Dense, grey, silt, fine SAND and GRAVEL (till).										
				END OF BORING AT 12.0 FEET.										15

PROJECT: Plattsburgh MGP Site

PROJECT NO: 1284-18-02

LOCATION: Saranac Street, Plattsburgh, New York

DATE STARTED: 10-27-94

DATE COMPLETED: 10-27-94

DRILLING CONTRACTOR: Northstar Drilling, Inc.

DRILLER: Joe Ely, Richard Mitchell

DRILLING METHOD: Hollow-Stem Auger

SAMPLING METHOD: 2-Inch Split-Spoon

GROUND ELEVATION:

WEATHER: Partly cloudy, 50°

INSPECTOR: Martin Brogie

SPLIT SPOON SAMPLE DEPTH (ft)	BLOWS PER 6"	% RECOVERY	HNU (ppm)	SOIL DESCRIPTION color, density, SOIL, admixture, moisture, other notes, ORIGIN	VISUAL CONTAM.				ODOR			SAMPLE ANALYSIS	LITHOLOGY	DEPTH (FT.)
					NONE	STAIN	SHEN	HEAVY	NONE	SLIGHT	MODERATE	HEAVY		
0-2	3,3 2,2	50	0	Dark brown, fine sandy LOAM, with organic matter. Brown, fine to medium SAND, trace organics.										0
2-4	4,7 5,2	50	2.3	Dark brown, fine, medium and coarse SAND, with light brown, fine sand lenses, moist.										
4-6	3,2 6,8	75	26	Brown WOOD CHIPS. Grey/black stained, wet, fine to medium SAND, with heavy tar odor.										5
6-8	12,28 50/2	25	53	Black, wet, fine, medium and coarse SAND and GRAVEL, trace silt, shen, heavy odor. Visible tar.										
8-10	35,37 50/3,-	25	52											
10-11	37,40 65/4,-	25	64											10
				Auger refusal on boulder, till at 11.0 feet. END OF BORING AT 11.0 FEET.										15

PROJECT: Plattsburgh MGP Site

PROJECT NO: 1284-18-02

LOCATION: Saranac Street, Plattsburgh, New York

DATE STARTED: 10-27-94

DATE COMPLETED: 10-27-94

DRILLING CONTRACTOR: Northstar Drilling, Inc.

DRILLER: Joe Ely, Richard Mitchell

DRILLING METHOD: Hollow-Stem Auger

SAMPLING METHOD: 2-Inch Split-Spoon

GROUND ELEVATION:

WEATHER: Partly cloudy, 60°

INSPECTOR: Martin Brogie

SPLIT SOON SAMPLE DEPTH (ft)	BLOWS PER 6"	% RECOVERY	HNU (ppm)	SOIL DESCRIPTION	VISUAL CONTAM.			ODOR			SAMPLE ANALYSIS	LITHOLOGY	DEPTH (FT.)
				color, density, SOIL, admixture, moisture, other notes, ORIGIN	NONE	STAIN	SHEEN	HEAVY	NONE	SLIGHT			
0-2	4,7 50,50	25	0	Dark brown, fine sandy LOAM. Orange brown and light brown, fine, medium and coarse SAND and GRAVEL, trace silt, with cobbles and boulders, wet fine sand lenses.									0
-4	15,21 28,31	12	0										
4-6	31,50/4	25	3	Slight tar odor to 6.0 feet.									5
-8	30,41 33,47	30	1.9										
5-10	21,30 39,40	35	1.7										10
-12	37,40 50/2,-	15	1.6										
-14	17,12 14,56	50	115	Black stained, fine medium and coarse SAND and GRAVEL, trace silt and cobbles, heavy tar odor, sheen and visible tar, wet.									
				Dense, dark grey, silty fine SAND and GRAVEL (till).									
				END OF BORING AT 14.0 FEET.									15

PROJECT: Plattsburgh MGP Site

PROJECT NO: 1284-18-02

LOCATION: Saranac Street, Plattsburgh, New York

DATE STARTED: 10-24-94

DATE COMPLETED: 10-24-94

DRILLING CONTRACTOR: Northstar Drilling, Inc.

DRILLER: Joe Ely, Richard Mitchell

DRILLING METHOD: Hollow-Stem Auger

SAMPLING METHOD: 2-Inch Split-Spoon

GROUND ELEVATION:

WELL ELEVATION:

WATER TABLE ELEVATION:

WEATHER: Cloudy, 60°

INSPECTOR: Martin Brogie

SPLIT SPHOON SAMPLE DEPTH (ft)	BLOWS PER 6"	% RECOVERY	HNU (ppm)	SOIL DESCRIPTION color, density, SOIL, admixture, moisture, other notes, ORIGIN	VISUAL CONTAM.				ODOR			LITHOLOGY	DEPTH (FT.)	WELL CONSTRUCTION
					NONE	STAIN	SHEEN	HEAVY	NONE	SLIGHT	MODERATE	HEAVY		
0-2	2.2 2.3	50	0	Brown, loose, fine sandy LOAM with organic matter.									0	
2-4	5.6 4.12	5	0	Brown, loose, fine sandy LOAM with organic matter.										
4-6	15.20 18.19	80	0	Light brown to grey, dense, silty fine SAND with dark grey gravel (till), slight solvent-like odor.									5	
6-8	33.35 30.28	75	.3	Light brown to grey, dense, silty fine SAND with dark grey gravel and some orange mottling in fractures (till), slight solvent-like odor.										
8-10	15.19 23.36	80	0	Light brown to grey, dense, silty fine SAND with dark grey gravel and some orange mottling in fractures (till), moist to wet, slight solvent-like odor.										
10-12	20.23 30.24	80	0	Brown, dense, silty fine SAND with dark grey gravel and some orange mottling in fractures (till), wet, slight solvent-like odor.									10	
12-14	21.30 37.50/2	65	0	Grey brown, dense, silty fine SAND with dark grey gravel and some orange mottling in fractures (till), wet.										
14-16	50/3,- -,-	10	0	Dark grey, dense, silty coarse SAND with dark grey angular gravel (till), wet, trace clay.									15	
				END OF BORING AT 16.0 FEET.										

PROJECT: Plattsburgh MGP Site

PROJECT NO: 1284-18-02

LOCATION: Saranac Street, Plattsburgh, New York

DATE STARTED: 10-24-94

DATE COMPLETED: 10-24-94

DRILLING CONTRACTOR: Northstar Drilling, Inc.

DRILLER: Joe Ely, Richard Mitchell

DRILLING METHOD: Hollow-Stem Auger

SAMPLING METHOD: 2-Inch Split-Spoon

GROUND ELEVATION:

WELL ELEVATION:

WATER TABLE ELEVATION:

WEATHER: Cloudy, 60°

INSPECTOR: Martin Brogie

SPLIT SPOON SAMPLE DEPTH (ft)	BLOWS PER 6"	% RECOVERY	HNU (ppm)	SOIL DESCRIPTION color, density, SOIL, admixture, moisture, other notes, ORIGIN	VISUAL CONTAM.				ODOR				LITHOLOGY	DEPTH (FT.)	WELL CONSTRUCTION
					NONE	STAIN	SHEEN	HEAVY	NONE	SLIGHT	MODERATE	HEAVY			
0-5	Augered	-	100	Brown, fine SAND, (fill), strong naphtha odor.										0	
5-10	Augered	-	55	Orange, medium to coarse, SAND and GRAVEL, slight naphtha odor.										5	
10-12	7,8 14,18	55	200	Black, loose, medium to coarse SAND and GRAVEL, wet, visible tar, tar odor.										10	
12-14	52,55 50/2,-	35	70	Grey, dense, fine silty SAND and GRAVEL (till), moderate tar odor.											
				Grey, dense, fine silty SAND and GRAVEL (till), visible tar in sandy fractures of till, moderate tar odor.											
				END OF BORING AT 14.0 FEET.										15	

TEST PIT DESCRIPTION SHEETS

ATLANTIC

ENVIRONMENTAL SERVICES, INC.

COLCHESTER, CONNECTICUT

TEST PIT DESCRIPTION SHEET

PROJECT NUMBER: 1284-18-02 LOCAL "CALL BEFORE YOU DIG" CASE NO.: 1280947
TEST PIT NUMBER: TP-1 OBSERVER: Martin Brogie/Dennis Unites
GENERAL LOCATION AND/OR PURPOSE: Western ASSISTANT: _____
Portion of Site OTHERS: P. Batrowny (NYSEG), E. Obrecht (NYSDEC)
DATE: 10/21/94 CONTRACTOR: Robert Prentiss (Atlantic)
TIME OPENED: 10:30 TIME CLOSED: 11:05 EQUIPMENT: Backhoe

IN THE SPACE PROVIDED BELOW, NOTE WHAT WAS FOUND IN THE TEST PIT AND SKETCH DIMENSIONS, SOIL TYPES AND WASTE. NOTE ANY BURIED METAL OBJECTS.

Test pit measured approximately 14 feet by 3 feet and was oriented west to east.

Depth (ft)	Observations
0 - 4	Disturbed Soil - Organic "A" horizon intermixed with light brown medium sand, rubble, cables, and glass insulators.
4 - 8	Orange/brown medium to coarse sand, gravel and cobbles. Six-inch organic horizon at eight foot depth.
8 - 10	Brown medium to coarse sand, gravel, cobbles, and boulders.
10	Black-stained medium to coarse sand, gravel and boulders, heavy tar odor, visible tar, sheen on groundwater seeping in at 9.5 feet.

VIDEO DOCUMENTED: YES X NO _____
PHOTOGRAPHED: YES X NO _____
PIEZOMETER NO. USED IN BACKFILL: _____
DEPTH TO WATER: 9.5 feet

NAPL SEEPAGE: YES X NO _____
BULK SAMPLES: YES _____ NO X
QUANTITY: _____

ATLANTIC

ENVIRONMENTAL SERVICES, INC.

COLCHESTER, CONNECTICUT

TEST PIT DESCRIPTION SHEET

PROJECT NUMBER: 1284-18-02 LOCAL "CALL BEFORE YOU DIG" CASE NO.: 1280947
TEST PIT NUMBER: TP-2 OBSERVER: Martin Brogie/Dennis Unites
GENERAL LOCATION AND/OR PURPOSE: Western ASSISTANT: _____
Portion of Site OTHERS: P. Batrowny (NYSEG), E. Obrecht (NYSDEC)
DATE: 10/21/94 CONTRACTOR: Robert Prentiss (Atlantic)
TIME OPENED: 11:15 TIME CLOSED: 11:55 EQUIPMENT: Backhoe

IN THE SPACE PROVIDED BELOW, NOTE WHAT WAS FOUND IN THE TEST PIT AND SKETCH DIMENSIONS, SOIL TYPES AND WASTE. NOTE ANY BURIED METAL OBJECTS.

Test pit measured approximately 12 feet by 3 feet and was oriented west to east.

Depth (ft)	Observations
0 - 1	Organic "A" horizon
1 - 2	Loose, light brown fine to medium sand with gravel and cobbles.
2 - 9	Dense, dark gray, silty fine sand with dark gray gravel, cobbles and boulders (till). No odors or organic vapor readings, no visible evidence of contamination. Moist to wet at bottom. No seepage observed.

VIDEO DOCUMENTED: YES X NO _____
PHOTOGRAPHED: YES X NO _____
PIEZOMETER NO. USED IN BACKFILL: _____
DEPTH TO WATER: approximately 8 feet

NAPL SEEPAGE: YES _____ NO X
BULK SAMPLES: YES _____ NO X
QUANTITY: _____

ATLANTIC

ENVIRONMENTAL SERVICES, INC.

COLCHESTER, CONNECTICUT

TEST PIT DESCRIPTION SHEET

PROJECT NUMBER: 1284-18-02 LOCAL "CALL BEFORE YOU DIG" CASE NO.: 1280947
TEST PIT NUMBER: TP-3 OBSERVER: Martin Brogie/Dennis Unites
GENERAL LOCATION AND/OR PURPOSE: Western ASSISTANT: _____
Portion of Site OTHERS: P. Batrowny (NYSEG), E. Obrecht (NYSDEC)
DATE: 10/21/94 CONTRACTOR: Robert Prentiss (Atlantic)
TIME OPENED: 12:00 TIME CLOSED: 12:45 EQUIPMENT: Backhoe

IN THE SPACE PROVIDED BELOW, NOTE WHAT WAS FOUND IN THE TEST PIT AND SKETCH DIMENSIONS, SOIL TYPES AND WASTE. NOTE ANY BURIED METAL OBJECTS.

Test pit measured approximately 16 feet by 3 feet and was oriented north and south.

Depth (ft)	Observations
0 - 3	Light brown fine sand and organic matter intermixed with rubble including bricks, concrete, metal, 55-gallon drum top and glass.
3 - 12	Orange-brown medium sand and gravel. Groundwater seepage at 11 feet.
12	Dense, dark gray silty fine sand, gravel, cobble and boulders (till). Moderate tar odor. Disturbance produces sheen on groundwater.

VIDEO DOCUMENTED: YES X NO _____
PHOTOGRAPHED: YES X NO _____
PIEZOMETER NO. USED IN BACKFILL: _____
DEPTH TO WATER: 11 feet

NAPL SEEPAGE: YES _____ NO X
BULK SAMPLES: YES _____ NO X
QUANTITY: _____

ATLANTIC

ENVIRONMENTAL SERVICES, INC.

COLCHESTER, CONNECTICUT

TEST PIT DESCRIPTION SHEET

PROJECT NUMBER: 1284-18-02 LOCAL "CALL BEFORE YOU DIG" CASE NO.: 1280947
TEST PIT NUMBER: TP-4 OBSERVER: Martin Brogie/Dennis Unites
GENERAL LOCATION AND/OR PURPOSE: Western ASSISTANT: _____
Portion of Site OTHERS: P. Batrowny (NYSEG), E. Obrecht (NYSDEC)
DATE: 10/21/94 CONTRACTOR: Robert Prentiss (Atlantic)
TIME OPENED: 13:00 TIME CLOSED: 13:55 EQUIPMENT: Backhoe

IN THE SPACE PROVIDED BELOW, NOTE WHAT WAS FOUND IN THE TEST PIT AND SKETCH DIMENSIONS, SOIL TYPES AND WASTE. NOTE ANY BURIED METAL OBJECTS.

Test pit measured approximately 15 feet by 3 feet and was oriented north and south.

Depth (ft)	Observations
0 - 1.5	Organic "A" horizon.
1.5 - 4.5	Fill Material. Black medium to coarse dry sand intermixed with brick, wood, glass, concrete, coal ash and clinkers. The material exhibited a moderate tar odor. HNu readings varied from 45 to 60 parts per million.
4.5 - 6.5	Orange medium to coarse sand and gravel.
6.5 - 10	Dense, light brown, fine silty sand and gravel.
10 - 11	Dense, dark gray fine silty sand and gravel (till). No groundwater infiltration or evidence of coal tar.

VIDEO DOCUMENTED: YES X NO _____
PHOTOGRAPHED: YES X NO _____
PIEZOMETER NO. USED IN BACKFILL: _____
DEPTH TO WATER: _____

NAPL SEEPAGE: YES _____ NO X
BULK SAMPLES: YES _____ NO X
QUANTITY: _____

ATLANTIC

ENVIRONMENTAL SERVICES, INC.

COLCHESTER, CONNECTICUT

TEST PIT DESCRIPTION SHEET

PROJECT NUMBER: 1284-18-02 LOCAL "CALL BEFORE YOU DIG" CASE NO.: 1280947
TEST PIT NUMBER: TP-5 OBSERVER: Martin Brogie/Dennis Unites
GENERAL LOCATION AND/OR PURPOSE: Western ASSISTANT: _____
Portion of Site OTHERS: P. Batrowny (NYSEG), E. Obrecht (NYSDEC)
DATE: 10/21/94 CONTRACTOR: Robert Prentiss (Atlantic)
TIME OPENED: 14:20 TIME CLOSED: 15:00 EQUIPMENT: Backhoe

IN THE SPACE PROVIDED BELOW, NOTE WHAT WAS FOUND IN THE TEST PIT AND SKETCH DIMENSIONS, SOIL TYPES AND WASTE. NOTE ANY BURIED METAL OBJECTS.

Test pit measured approximately 10 feet by 3 feet and was oriented northwest to southeast.

Depth (ft)	Observations
0 - 3	Light brown fine to medium sand intermixed with organic "A" horizon. Black medium to coarse sand and gravel, and rubble including cables and bricks located in the northwest corner of the pit from 2 to 3 feet. Material exhibited heavy tar odor and sheen.
3 - 8	Orange brown medium to coarse sand and gravel.
8 - 9	Dense dark gray, fine silty sand and gravel (till). Moderate tar odor and sheen. Moist at bottom.

VIDEO DOCUMENTED: YES X NO _____

PHOTOGRAPHED: YES X NO _____

PIEZOMETER NO. USED IN BACKFILL: _____

DEPTH TO WATER: approximately 9 feet

NAPL SEEPAGE: YES _____ NO X

BULK SAMPLES: YES _____ NO X

QUANTITY: _____

ATLANTIC

ENVIRONMENTAL SERVICES, INC.

COLCHESTER, CONNECTICUT

TEST PIT DESCRIPTION SHEET

PROJECT NUMBER: 1284-18-02 LOCAL "CALL BEFORE YOU DIG" CASE NO.: 1280947
TEST PIT NUMBER: TP-6 OBSERVER: Martin Brogie/Dennis Unites
GENERAL LOCATION AND/OR PURPOSE: Northern ASSISTANT: _____
Portion of Site OTHERS: P. Batrowny (NYSEG), E. Obrecht (NYSDEC)
DATE: 10/21/94 CONTRACTOR: Robert Prentiss (Atlantic)
TIME OPENED: 15:10 TIME CLOSED: 16:15 EQUIPMENT: Backhoe

IN THE SPACE PROVIDED BELOW, NOTE WHAT WAS FOUND IN THE TEST PIT AND SKETCH DIMENSIONS, SOIL TYPES AND WASTE. NOTE ANY BURIED METAL OBJECTS.

Test pit measured approximately 12 feet by 3 feet and was oriented generally west to east.

Depth (ft)	Observations
0 - 0.5	Organic "A" horizon.
0.5 - 5	Medium to coarse orange sand and gravel with rounded cobbles, and trace boulders.
5 - 9	Dark grey fading to black (at 8 feet) medium to coarse sand and gravel. Heavy tar odor and groundwater seepage at 9 feet. Visible tar (approximately 5 to 10 percent in groundwater).

VIDEO DOCUMENTED: YES X NO _____

PHOTOGRAPHED: YES X NO _____

PIEZOMETER NO. USED IN BACKFILL: _____

DEPTH TO WATER: 9 feet

NAPL SEEPAGE: YES X NO _____

BULK SAMPLES: YES _____ NO X

QUANTITY: _____

ATLANTIC

ENVIRONMENTAL SERVICES, INC.

COLCHESTER, CONNECTICUT

TEST PIT DESCRIPTION SHEET

PROJECT NUMBER: 1284-18-02 LOCAL "CALL BEFORE YOU DIG" CASE NO.: 1280947
TEST PIT NUMBER: TP-7 OBSERVER: Martin Brogie/Dennis Unites
GENERAL LOCATION AND/OR PURPOSE: Northern ASSISTANT: _____
Portion of Site OTHERS: P. Batrowny (NYSEG), E. Obrecht (NYSDEC)
DATE: 10/21/94 CONTRACTOR: Robert Prentiss (Atlantic)
TIME OPENED: 16:30 TIME CLOSED: 17:15 EQUIPMENT: Backhoe

IN THE SPACE PROVIDED BELOW, NOTE WHAT WAS FOUND IN THE TEST PIT AND SKETCH DIMENSIONS, SOIL TYPES AND WASTE. NOTE ANY BURIED METAL OBJECTS.

Test pit measured approximately 14 feet by 3 feet and was oriented west to east.

Depth (ft)	Observations
0 - 1	Organic "A" horizon.
1 - 5	Light brown fine to medium sand with many fine roots. Horizonation likely indicates flood deposition.
5 - 9	Black, medium to coarse sand with lumber. Heavy tar odor. Groundwater infiltration at 9 feet. Visible tar (10 to 15 percent) in water.

VIDEO DOCUMENTED: YES X NO _____

PHOTOGRAPHED: YES X NO _____

PIEZOMETER NO. USED IN BACKFILL: _____

DEPTH TO WATER: 9 feet

NAPL SEEPAGE: YES X NO _____

BULK SAMPLES: YES _____ NO X

QUANTITY: _____

ATLANTIC

ENVIRONMENTAL SERVICES, INC.

COLCHESTER, CONNECTICUT

TEST PIT DESCRIPTION SHEET

PROJECT NUMBER: 1284-18-02 LOCAL "CALL BEFORE YOU DIG" CASE NO.: 1280947
TEST PIT NUMBER: TP-8 OBSERVER: Martin Brogie
GENERAL LOCATION AND/OR PURPOSE: North- ASSISTANT: _____
west Corner of Site OTHERS: Pete Batrowny (NYSEG)
DATE: 10/22/94 CONTRACTOR: Robert Prentiss (Atlantic)
TIME OPENED: 7:30 TIME CLOSED: 8:15 EQUIPMENT: Backhoe

IN THE SPACE PROVIDED BELOW, NOTE WHAT WAS FOUND IN THE TEST PIT AND SKETCH DIMENSIONS, SOIL TYPES AND WASTE. NOTE ANY BURIED METAL OBJECTS.

Test pit measured approximately 12 feet by 3 feet and was oriented west to east.

Depth (ft)	Observations
0 - 1	Organic "A" horizon.
1 - 3	Light brown medium sand and many roots. Horizonation likely indicates flood deposition.
3 - 4	Dark brown fine to medium sand and gravel.
4 - 7	Orange brown medium to coarse sand and gravel, cobbles and boulders.
7 - 8	Black, medium to coarse sand and gravel, cobbles and boulders. Groundwater infiltration at 7 feet, visible tar (5 to 10 percent in water). Heavy odor.

VIDEO DOCUMENTED: YES X NO _____

PHOTOGRAPHED: YES X NO _____

PIEZOMETER NO. USED IN BACKFILL: _____

DEPTH TO WATER: 7 feet

NAPL SEEPAGE: YES X NO _____

BULK SAMPLES: YES _____ NO X

QUANTITY: _____

ATLANTIC

ENVIRONMENTAL SERVICES, INC.

COLCHESTER, CONNECTICUT

TEST PIT DESCRIPTION SHEET

PROJECT NUMBER: 1284-18-02 LOCAL "CALL BEFORE YOU DIG" CASE NO.: 1280947
TEST PIT NUMBER: TP-9 OBSERVER: Martin Brogie
GENERAL LOCATION AND/OR PURPOSE: Northern ASSISTANT: _____
Portion of Site OTHERS: Pete Batrowny (NYSEG)
DATE: 10/22/94 CONTRACTOR: Robert Prentiss (Atlantic)
TIME OPENED: 8:50 TIME CLOSED: 9:45 EQUIPMENT: Backhoe

IN THE SPACE PROVIDED BELOW, NOTE WHAT WAS FOUND IN THE TEST PIT AND SKETCH DIMENSIONS, SOIL TYPES AND WASTE. NOTE ANY BURIED METAL OBJECTS.

Test pit measured 16 feet by 3 feet and was oriented east to west.

Depth (ft)	Observations
0 - 0.5	Organic "A" horizon.
0.5 - 3.5	Light brown medium to coarse sand and gravel with cobbles. Apparently disturbed.
3.5 - 8	Black medium to coarse sand and gravel with brick, coal, ash, and metal (fill). Moderate tar odor. No visible sheen or tar product.
8 - 10	Brown, medium to coarse sand and gravel. Groundwater seepage at 9.5 feet, with sheen.
10 - 11	Grey, fine silty sand and gravel (till). Moderate to heavy tar odor. 1 to 3 percent tar in water.

VIDEO DOCUMENTED: YES X NO _____
PHOTOGRAPHED: YES X NO _____
PIEZOMETER NO. USED IN BACKFILL: _____
DEPTH TO WATER: 9.5 feet

NAPL SEEPAGE: YES X NO _____
BULK SAMPLES: YES _____ NO X
QUANTITY: _____

ATLANTIC

ENVIRONMENTAL SERVICES, INC.

COLCHESTER, CONNECTICUT

TEST PIT DESCRIPTION SHEET

PROJECT NUMBER: 1284-18-02 LOCAL "CALL BEFORE YOU DIG" CASE NO.: 1280947
TEST PIT NUMBER: TP-10 OBSERVER: Martin Brogie
GENERAL LOCATION AND/OR PURPOSE: Northern ASSISTANT: _____
Portion of Site OTHERS: Pete Batrowny (NYSEG)
DATE: 10/22/94 CONTRACTOR: Robert Prentiss (Atlantic)
TIME OPENED: 9:55 TIME CLOSED: 10:30 EQUIPMENT: Backhoe

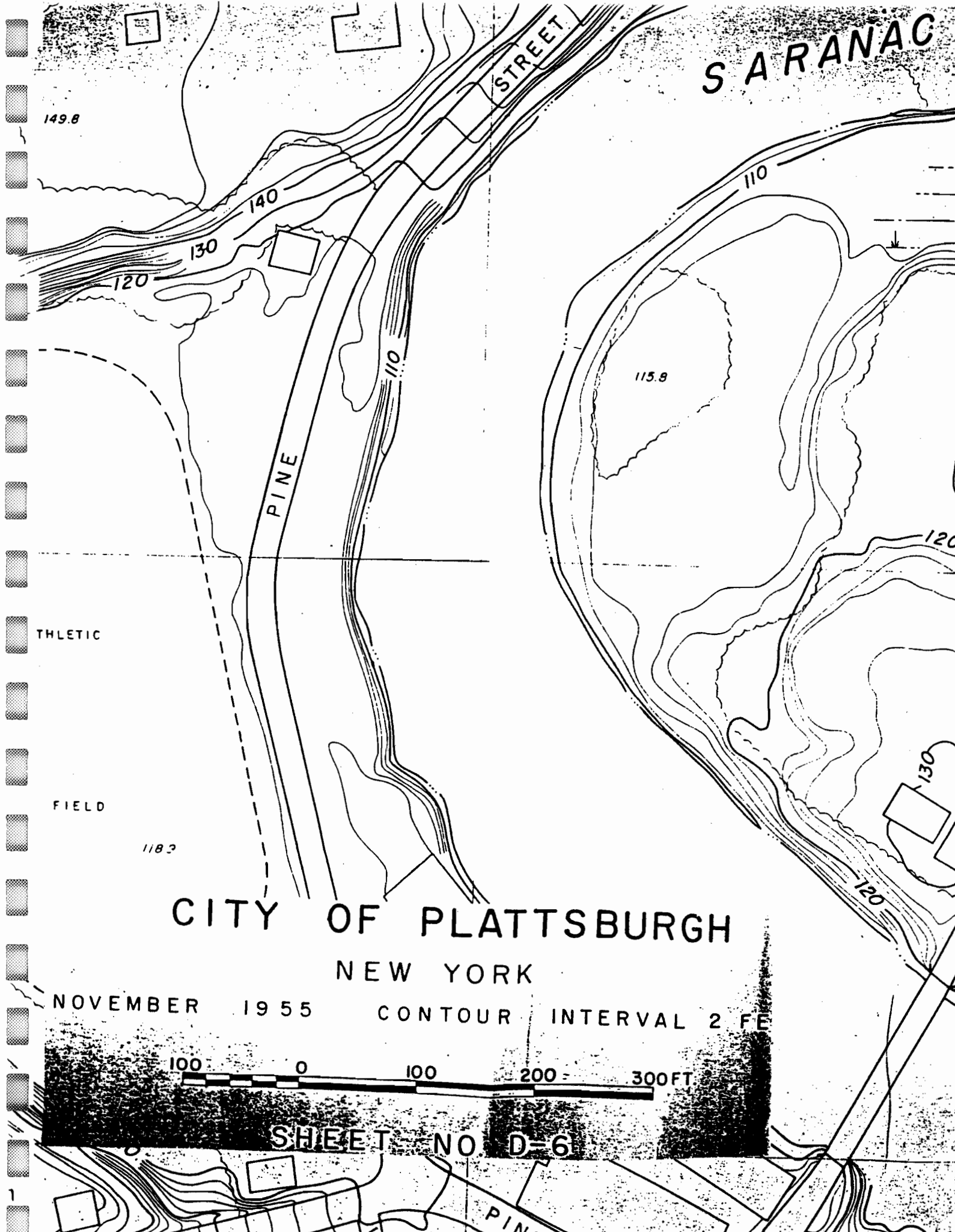
IN THE SPACE PROVIDED BELOW, NOTE WHAT WAS FOUND IN THE TEST PIT AND SKETCH DIMENSIONS, SOIL TYPES AND WASTE. NOTE ANY BURIED METAL OBJECTS.

Test pit was excavated in cobble/boulder bank of river approximately 25 feet upriver of the "gravel bar". The pit measured approximately six feet by three feet. Hay bales were staged along the river and the rock surface was moved aside prior to excavation.

The excavation was conducted approximately seven feet below the top of the bank and consisted of one backhoe bucket. Soil encountered consisted of wet black coarse sand and gravel and black fine sand horizons. No visible tar was observed although a heavy tar odor was noted. The excavation was stopped due to the presence of apparent contamination and its proximity to the river.

VIDEO DOCUMENTED: YES X NO _____
PHOTOGRAPHED: YES X NO _____
PIEZOMETER NO. USED IN BACKFILL: _____
DEPTH TO WATER: _____

NAPL SEEPAGE: YES _____ NO X
BULK SAMPLES: YES _____ NO X
QUANTITY: _____

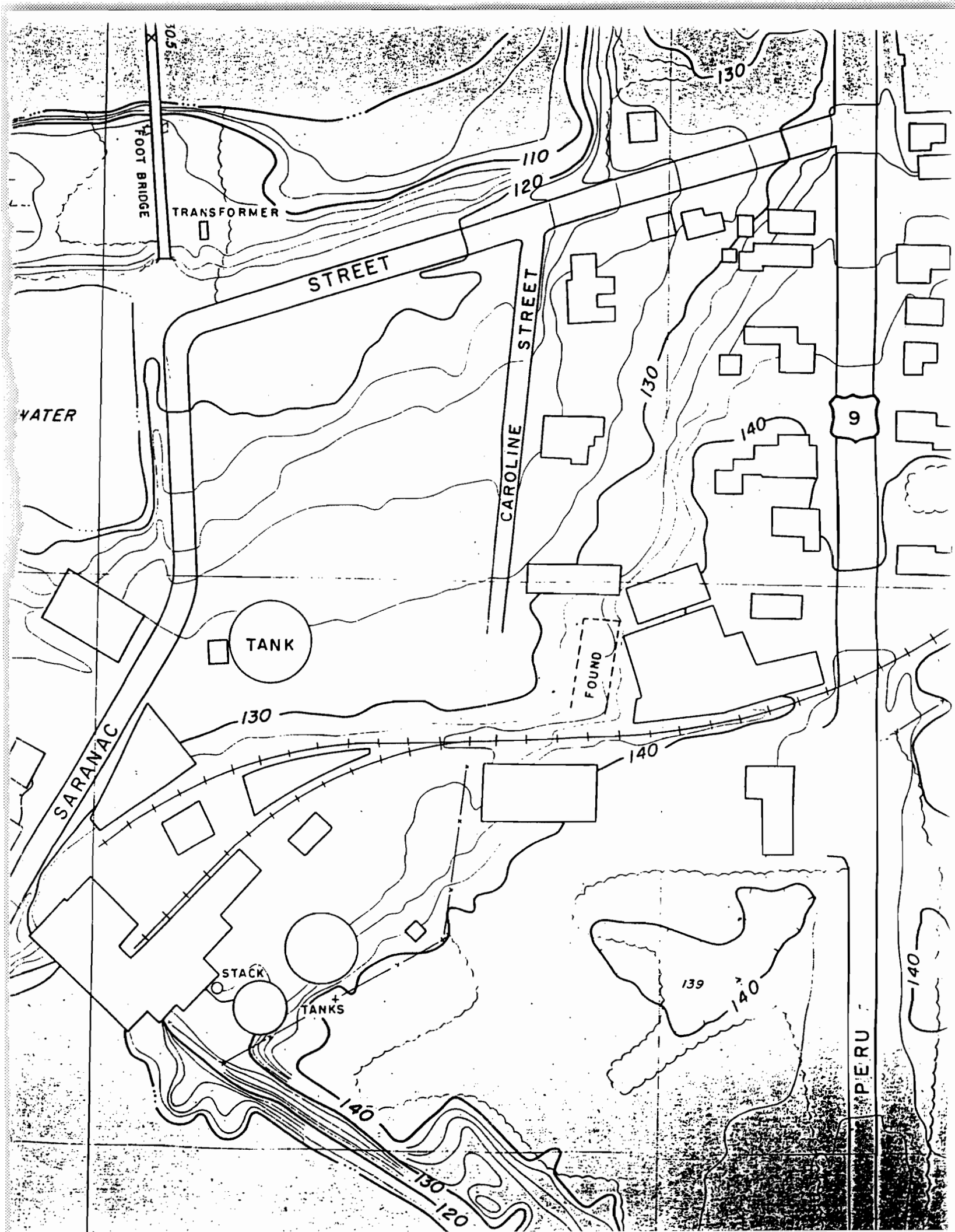


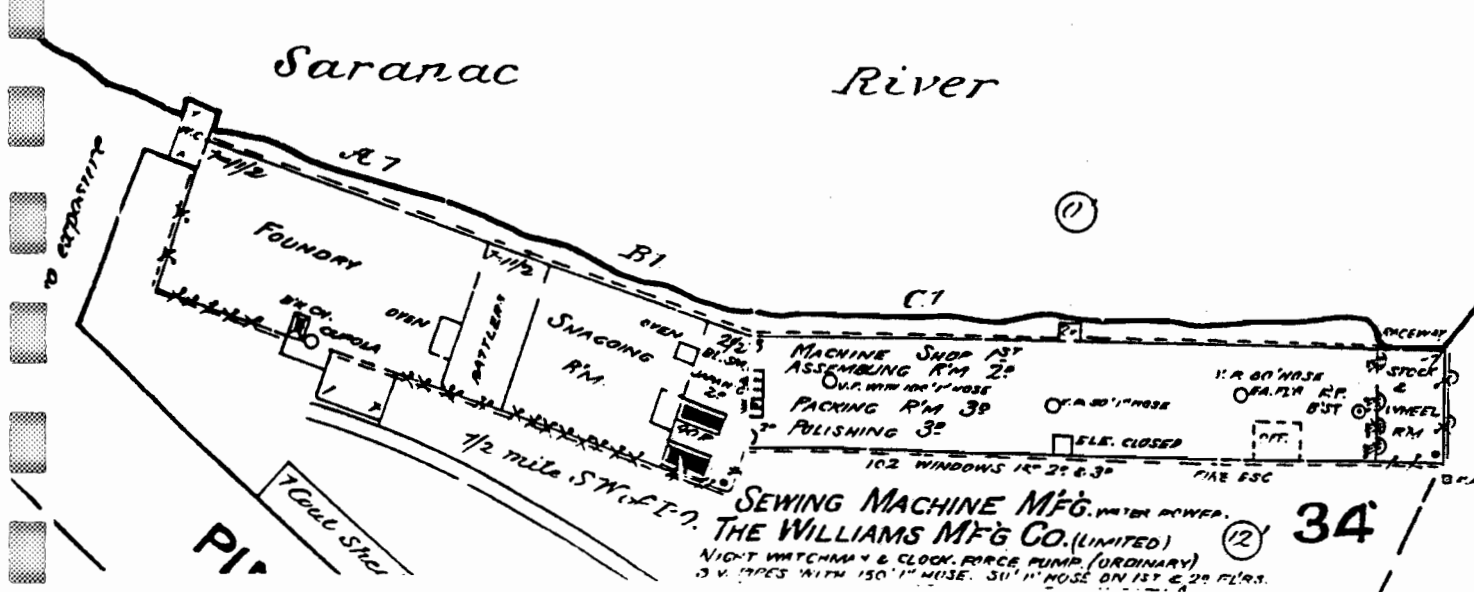
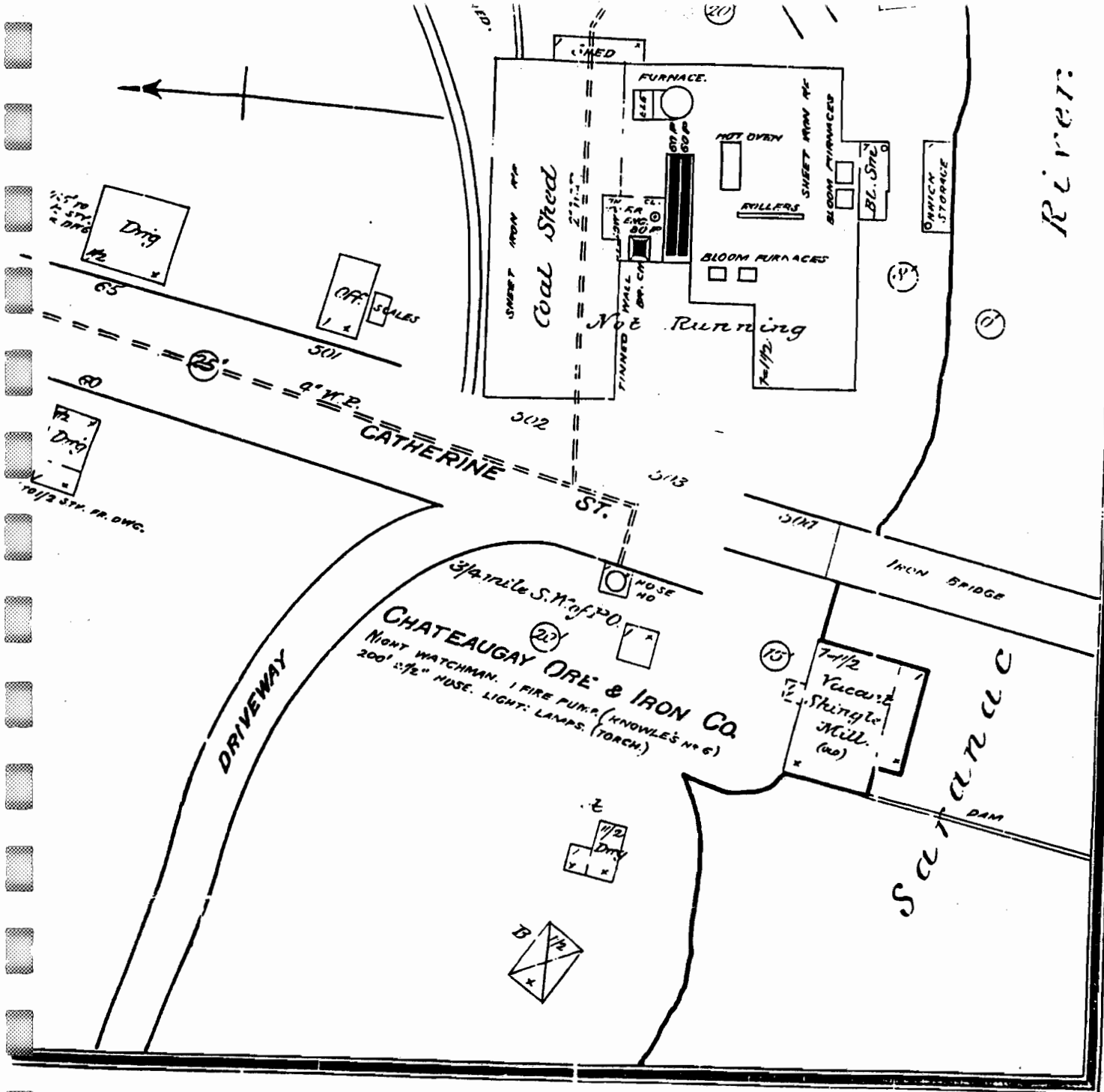
CITY OF PLATTSBURGH
NEW YORK

NOVEMBER 1955 CONTOUR INTERVAL 2 FEET

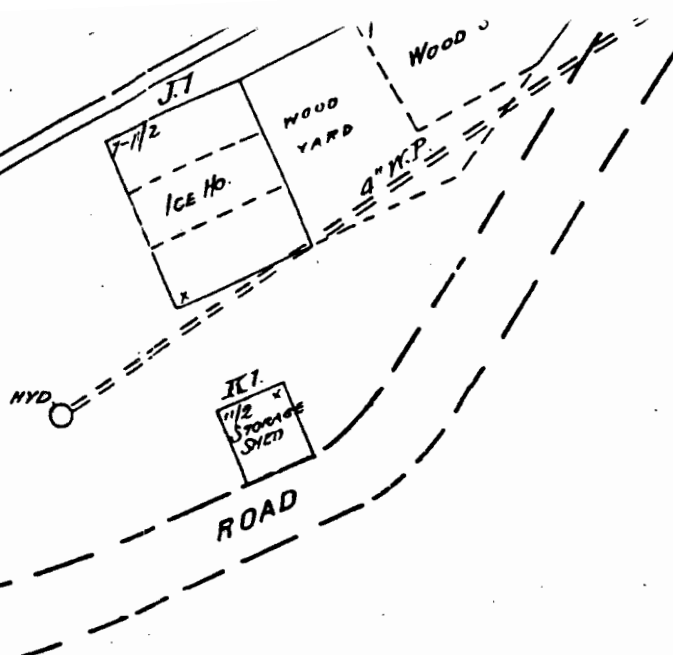
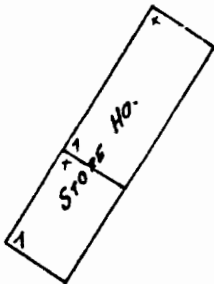
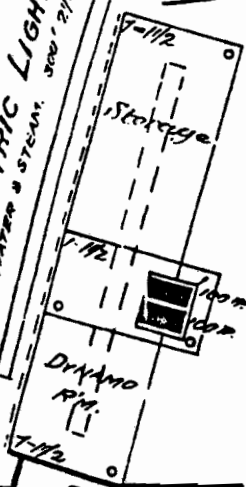
100 0 100 200 300 FT

SHEET NO. D-6

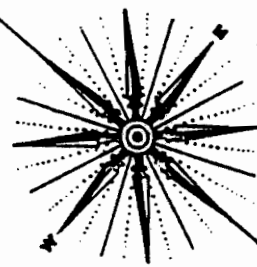




PLATTSBURG ELECTRIC LIGHT PLANT.
POWER: WATER & STEAM. 500' 2 1/2" HOSE.



ROAD



15

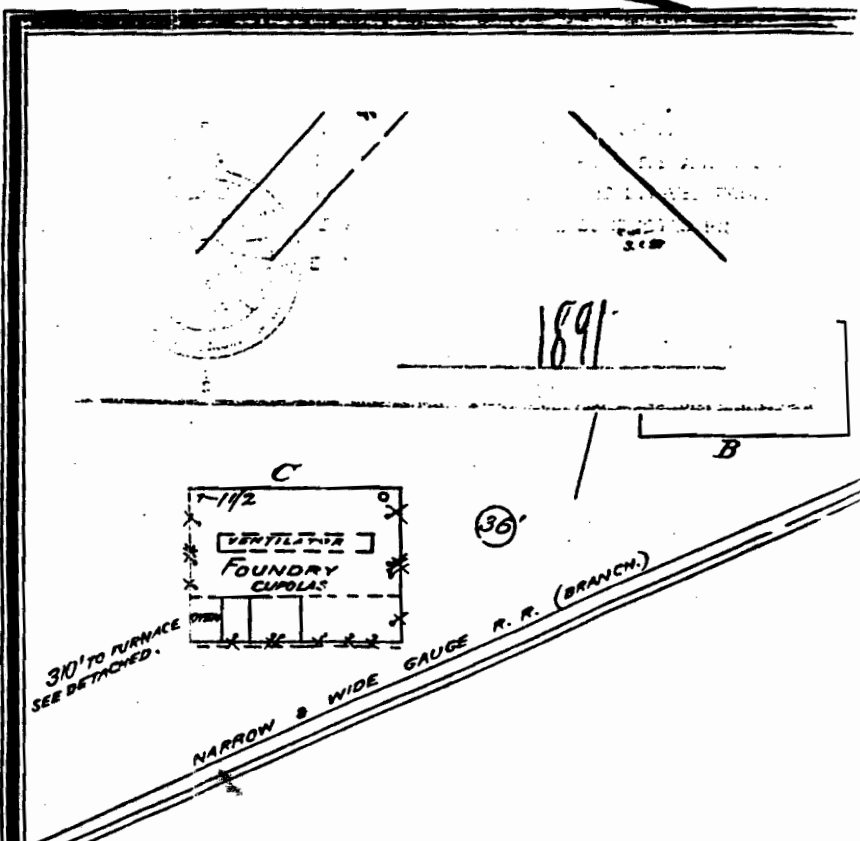
FLUME

DAM.

Grise
MILL
DAVIS

FLUME WATER & STEAM POWER.
PROV. CO'S GRIST MILL.
NO NIGHT WATCHMAN. NO FIRE APP'S.
5 RUN OF STONES. 1 SMUT MACH. 22
HEAT: STOVE. COAL-LIGHT.

FLUME



36

72

ROAD.

2" W.P.

D.H.

PLATTSBURGH LIGHT, HEAT & POWER CO.

TO HAVE 4 2" NOSE CONNS & 50' ATTD. TO EACH, 2 IN DYNAMO RM. 1 IN BOILER RM. 1 IN GENERATING RM.

34 1/2

H.I.
Oil Storage Tanks.

Art's
Purifier
Gen. Rm.
Gen. Rm.
Gen. Rm.

Store
Ho.
To be
Renovated J.I.

15

Gas
Holder
30'

Eng. & Dynamo Rm.
Flume.

Covered Bridge.

CHATEAUGAY ORE & IRON CO.

NO WATCHMAN. LIGHTS. KEROSENE OIL.
NO FIRE APP.

Foundry
C.

30' to
VAC. FOC.

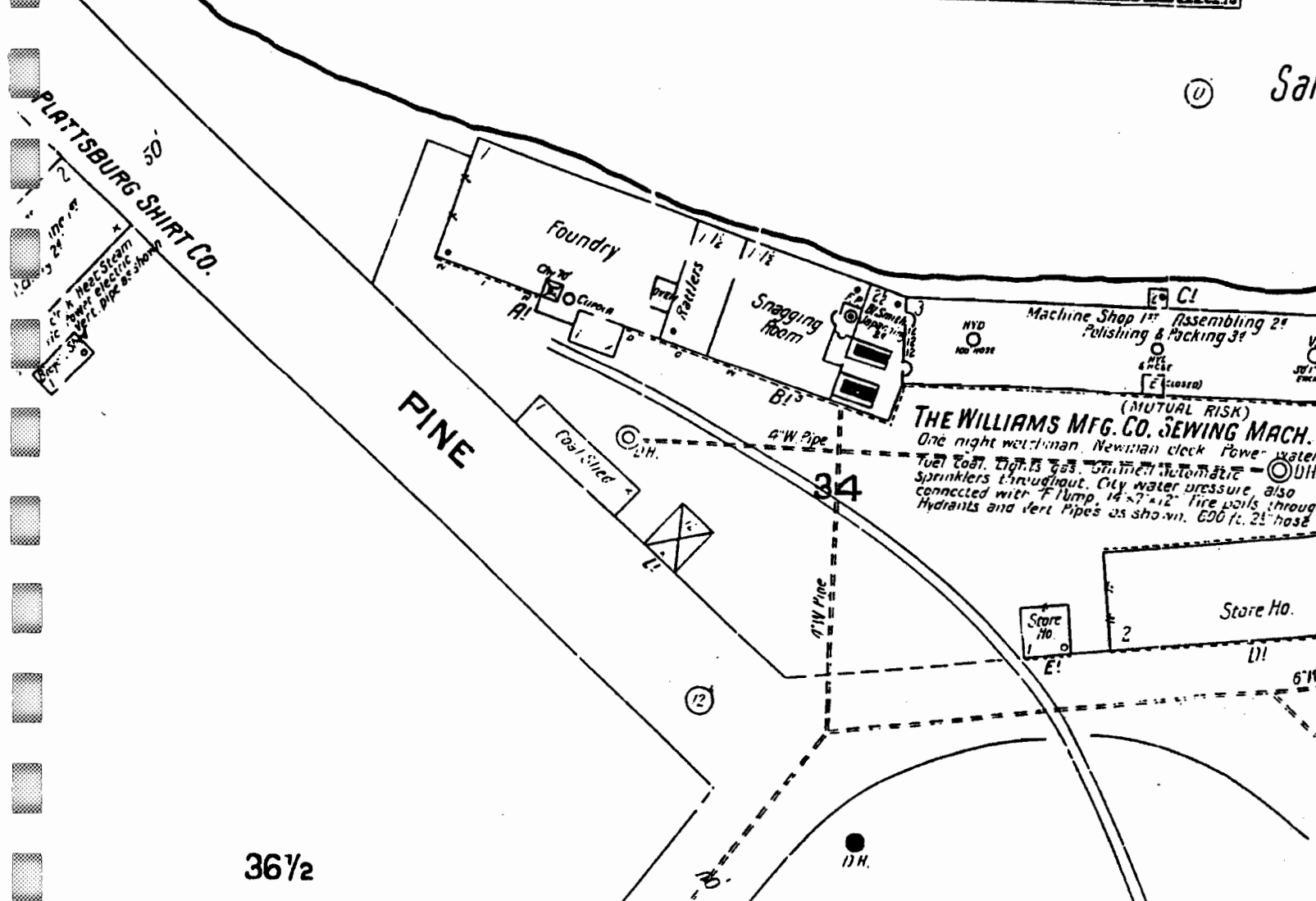
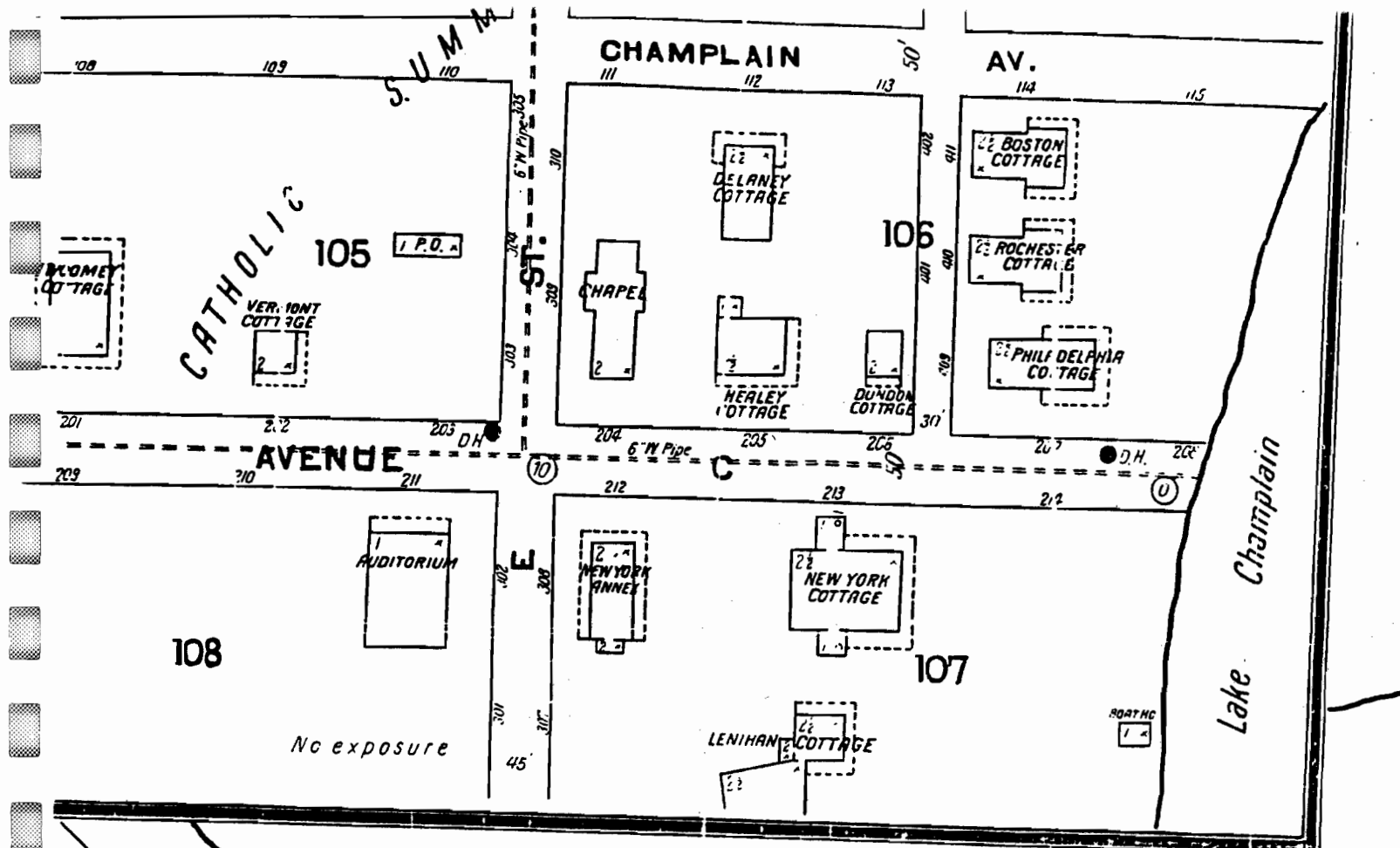
9

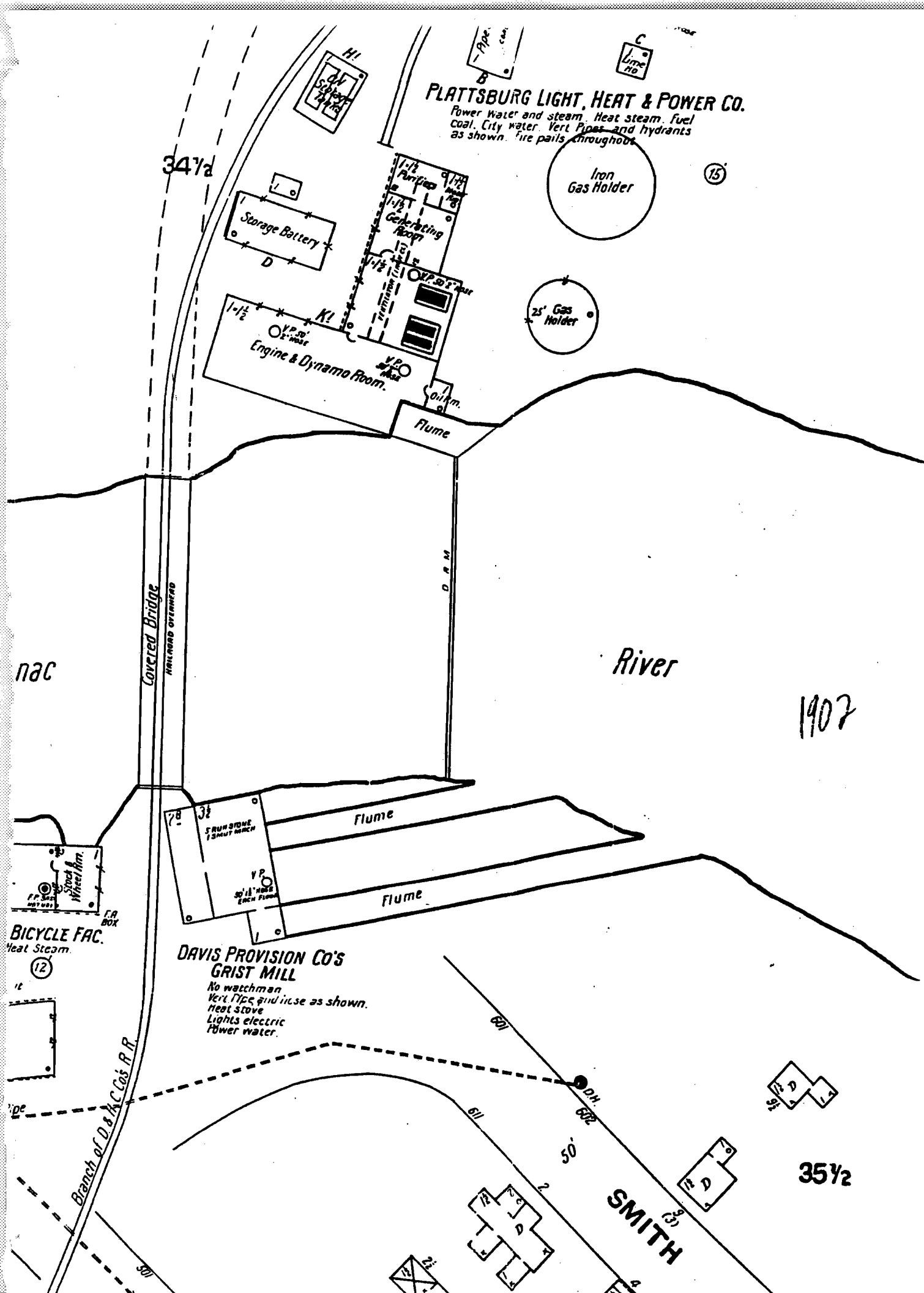
Wide Gauge R.R. (Branch Road)

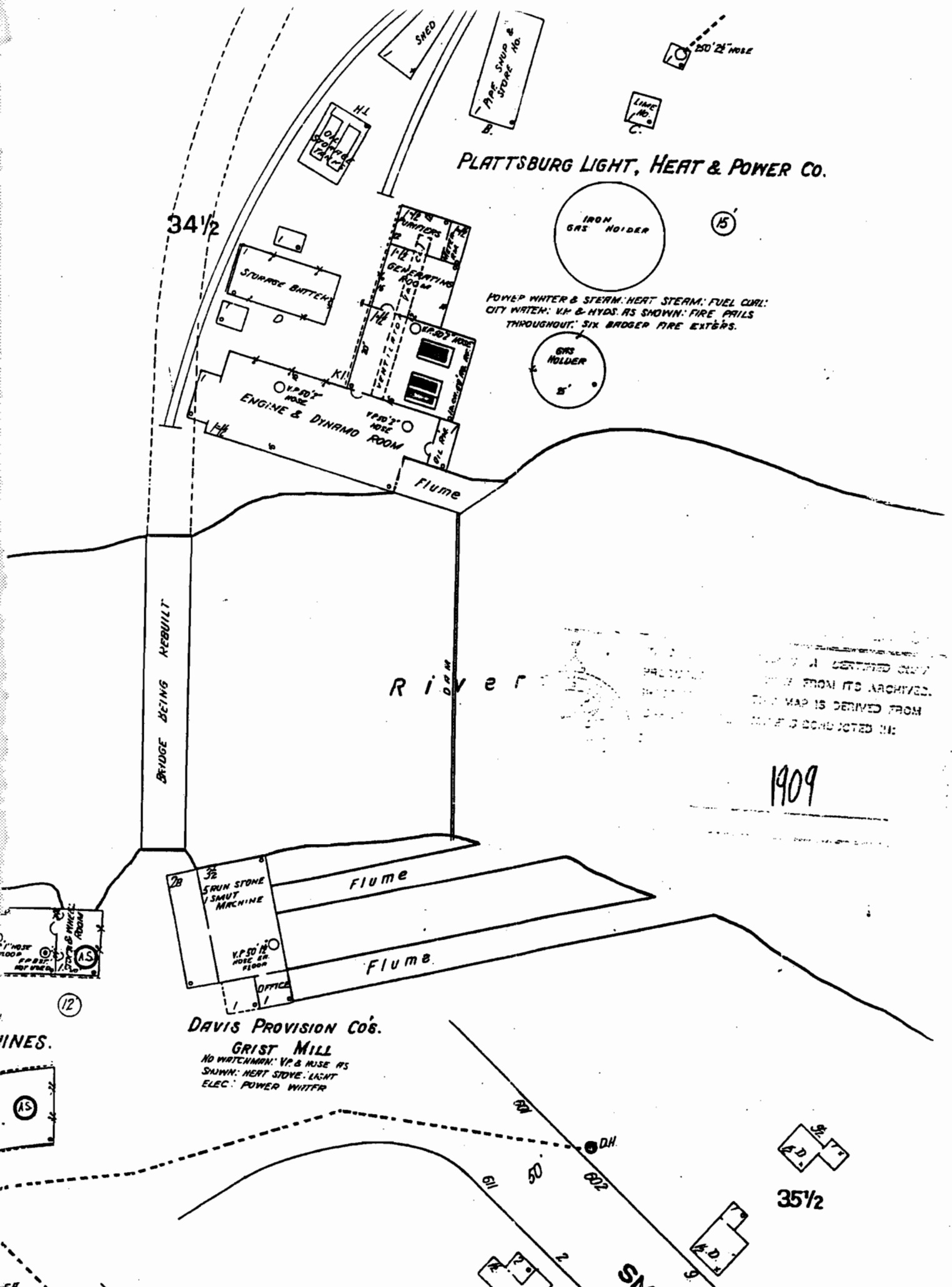
28 3 1/2 DAVIS PROV'N COS.
GIST MIN.
Flume.
Flume.

THIS IS A COPY OF THE ORIGINAL OF
PRODUCTS OF THE CHATEAUGAY ORE & IRON CO.
INFORMATION FOR THE PURPOSES DERIVED FROM
SANDWICHED BETWEEN CONDUCTED IN:

1896







PLATTSBURG LIGHT, HEAT & POWER CO.

IRON GAS HOLDER

GAS HOLDER

POWER WATER & STEAM: HEAT STEAM: FUEL COAL:
CITY WATER: V.H. & HYDS. AS SHOWN: FIRE PAILS
THROUGHOUT: SIX BRIDGE FIRE EXTING.

River

BRIDGE BEING REBUILT

Flume

Flume

28 3 1/2
GRIND STONE
/ SAW
MACHINE
V.P. 50 H
HOUSE ON
FLOOR
OFFICE

DAVIS PROVISION CO'S.

GRIST MILL

NO WATCHMAN: V.P. & HOUSE AS
SHOWN: HEAT STOVE: LIGHT
ELEC: POWER WATER

1909

35 1/2

SM

132.



PLATTSBURG GAS &
ELECTRIC CO.
ELECTRIC GARAGE
LIGHTS, ELECTRIC HEAT,
STEAM, HOT WATER, ETC.

STORE NO.
(COOP. IN CL.)
P. 6. & E. (C)

SARANAC

M. P. MYERS & CO.
WARE HO.

HARDWARE, ROOFING,
PAINTS, LIME, ETC.
(COOP. IN WARE HO.)

SNED

1 CURR. ST.
MACHINE
V. L. H.

ELECTR

V. PUTNICK
D. C. GENERA
ELECTRICAL
AC. MOTOR

S a r a n a c

IRON BRIDGE

THE WILLIAMS M'F'G. CO.- M'F'G. TYPEWRITERS
Mutual Risk

FOUNDRY
V. C. H. T.
12' WIDE RICH 10' H.
PLANTERS 10' C. 10' H.

MILL

SHEDDING

MACHINE SHOPS 10'
ASSEMBLING 20'
POLISHING & PACKING 30'

8" W. PIPE

8" W. P

34

SPRINKLER
TANK
1000 GALS.
30' 0" 0" 0"
APRIL 1909

PLATTSBURG
WARE

S a r a n a

PERU

SARANAC

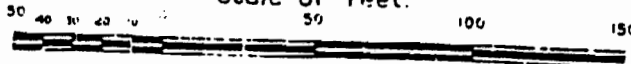
CAROLINE

134

135
(34½)

SARANAC

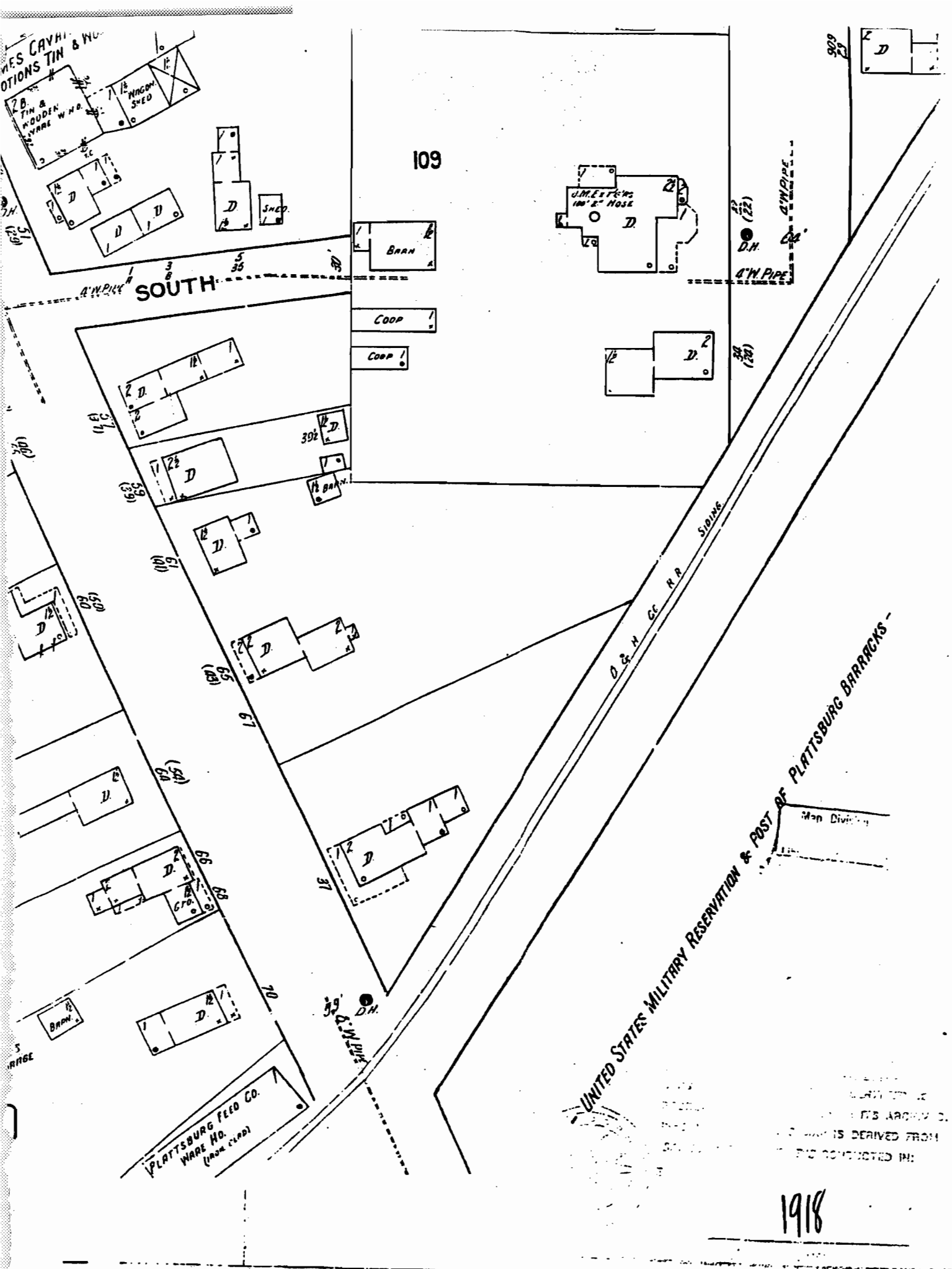
Scale of Feet.



Copyright 1910 by the Sanborn Map Co

6" N. Pipe
15'
DH

FRUIT THORNS 11'
ICE S. GARRE 14'
2 4 6 LOMBARD ST
1-2 AUTO ICE STORAGE
COOPS



132

ELECTRIC CO
STORAGE
CEMENT FLR

STO

6" W PIPE

DH

P.G. & E. CO
STORE NO

AIRD- DON CO.
HEATING SUPPLIES
STORAGE

CO.
PIPE
STORAGE

SARANAC

40'

AIRD- DON CO.
PIPE VALVES, PLUMBING &
HEATING SUPPLIES

CHOP S
MACHINE
VEND

ELECTR

STE
CEM

EIGHTS
STEAM
NOS
STE NOS

S a r a n a c

IRON BRIDGE

VACANT FACTORY

34

8" W. PIPE

6" W. PIPE

G A R A G E

CHEVY. 50 CARS
LIGHTS: ELECTRIC
HEAT: STEAM

DH 30'

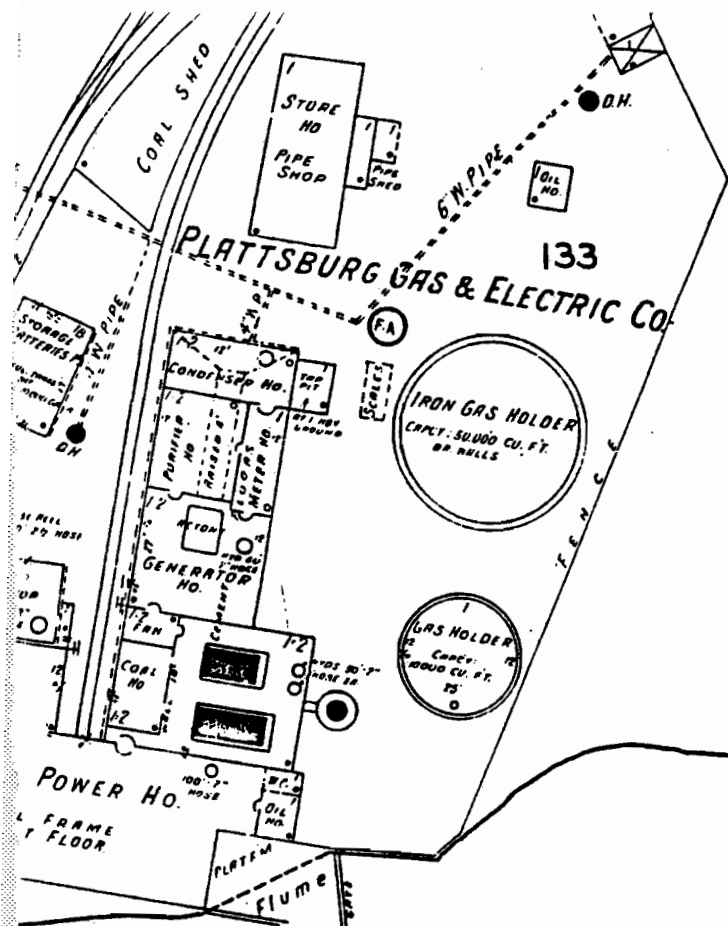
3 NOS

PINE

6" W. PIPE

ALLPREST LAUNDRY
STEAM LAUNDRY
POWER & LUMPS: ELECTRIC
HEAT: STEAM

PI

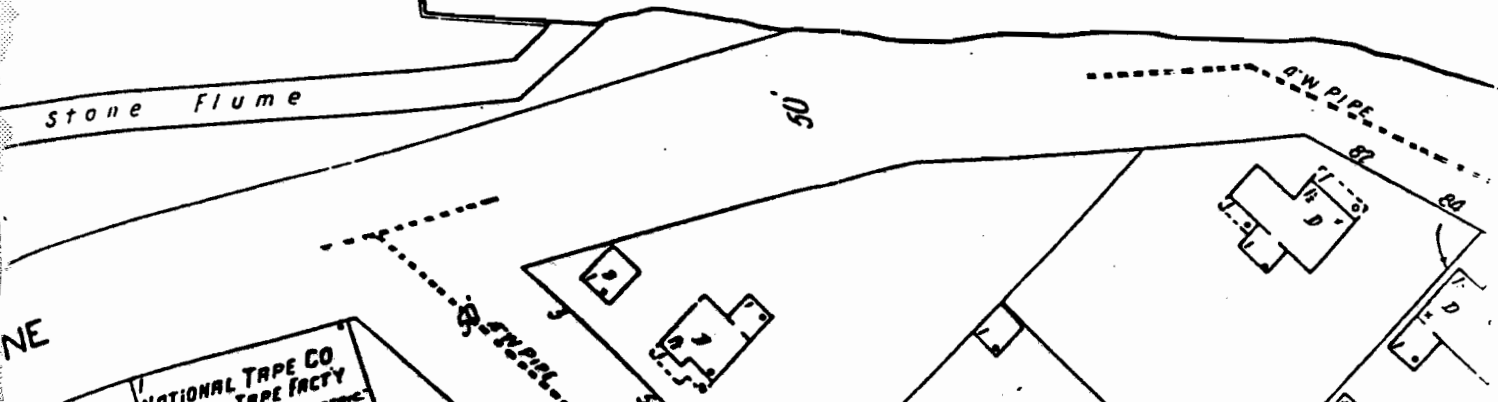


ELECTRIC POWER WATER &
 COAL CITY WATER VPS.
 SHOWN HOSE REEL AND
 FIRE EXTING.

R i v e r

THIS MAP IS A CERTIFIED COPY
 PRODUCED BY THE NATIONAL ARCHIVES
 INFORMATION ON THIS MAP IS DERIVED FROM
 SURVEY FIELD SURVEYS CONDUCTED IN:

1927



S A R A N A C

SARANAC

CAROLINE

PERU

SARANAC

134

135

10

STORE NO.

PLATTSBURGH
(WHOLESALE G.)

OFFICE
JAMES
NOTIONS

28 T.W.

DN

6" W. PIPE

6" W. PIPE

6" W. PIPE

46

12

22

12

2

12

1

1

1

1

1

1

IVANAGH CO.
IN & WOODEN WARE
WOODEN
WARE HO.
12 WAGON
SHED

4" W PIPE SOUTH

109

J. MEXICO
100 T. HOSE

4" W PIPE
32
64

D. A. H. CO. & SONS

UNITED STATES MILITARY RESERVATION & POST OF PLATTSBURG BARRACKS

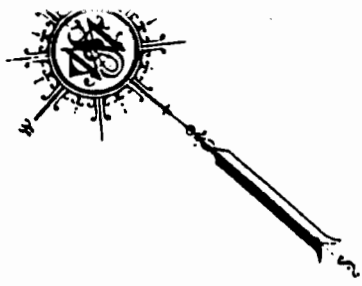
FEED & GROCERY CO.
& GROCERY

Scale of Feet



IS DERIVED FROM
Copyright 1927 by the Sanborn Map Co.
AND CONDUCTED IN:

1927



134

IRON GAS HOLD

NEW YORK STATE
ELEC & GAS CORP
STGE 3 OFF
CEMENT FL

132

13
11

AIRD-DON CO.
HEATING SUPPLIES
STORAGE

CO.
PIPE
STORAGE

SARANAC

AIRD-DON CO.
PIPE VALVES, PLUMBING &
HEATING SUPPLIES.

(NYS REG
BLDG)

GARAGE &
SHOP
1 N O SKY
CONC

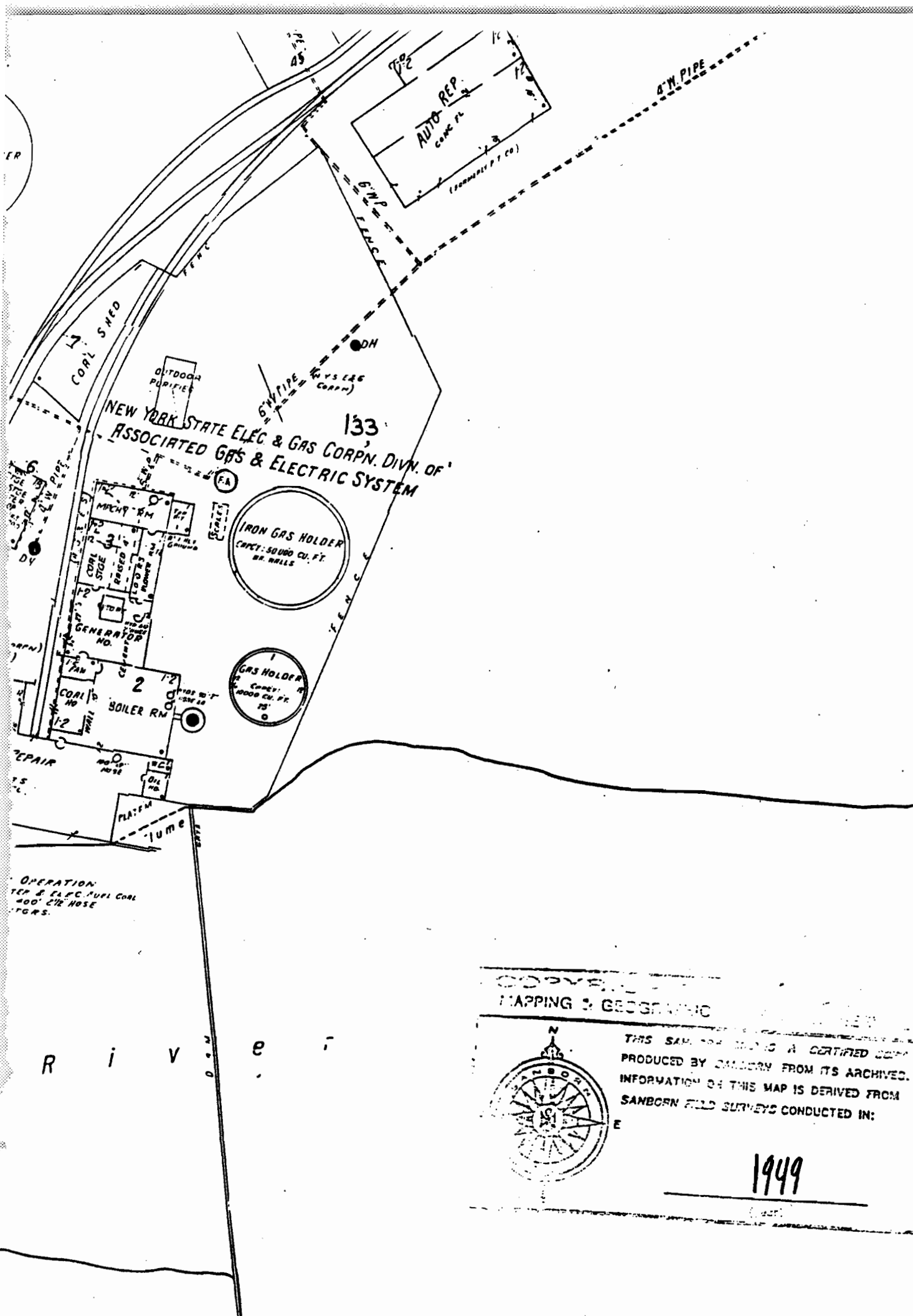
CONSTANT
POWER &
HOSE REEL
CHEN

IRON BRIDGE

S
a
r
a
n
a
c

CITY REPAIR SHOPS

CHAS MILLER OWNER



COPYRIGHT
MAPPING & GEOGRAPHIC

THIS SANBORN MAP IS A CERTIFIED COPY
PRODUCED BY SANBORN FROM ITS ARCHIVED
INFORMATION ON THIS MAP IS DERIVED FROM
SANBORN FIELD SURVEYS CONDUCTED IN:

1949

SARANAC

SARANAC

CAROLINE

PERU

SARANAC

134

135

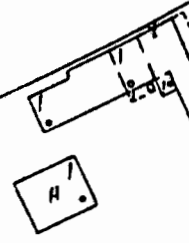
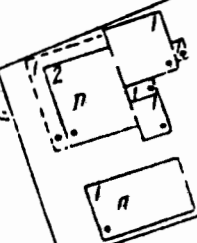
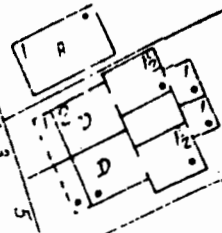
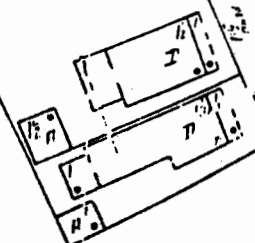
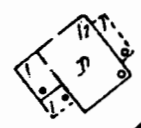
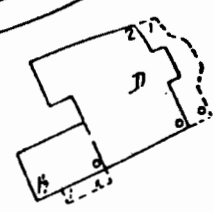
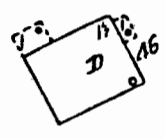
STORE NO.

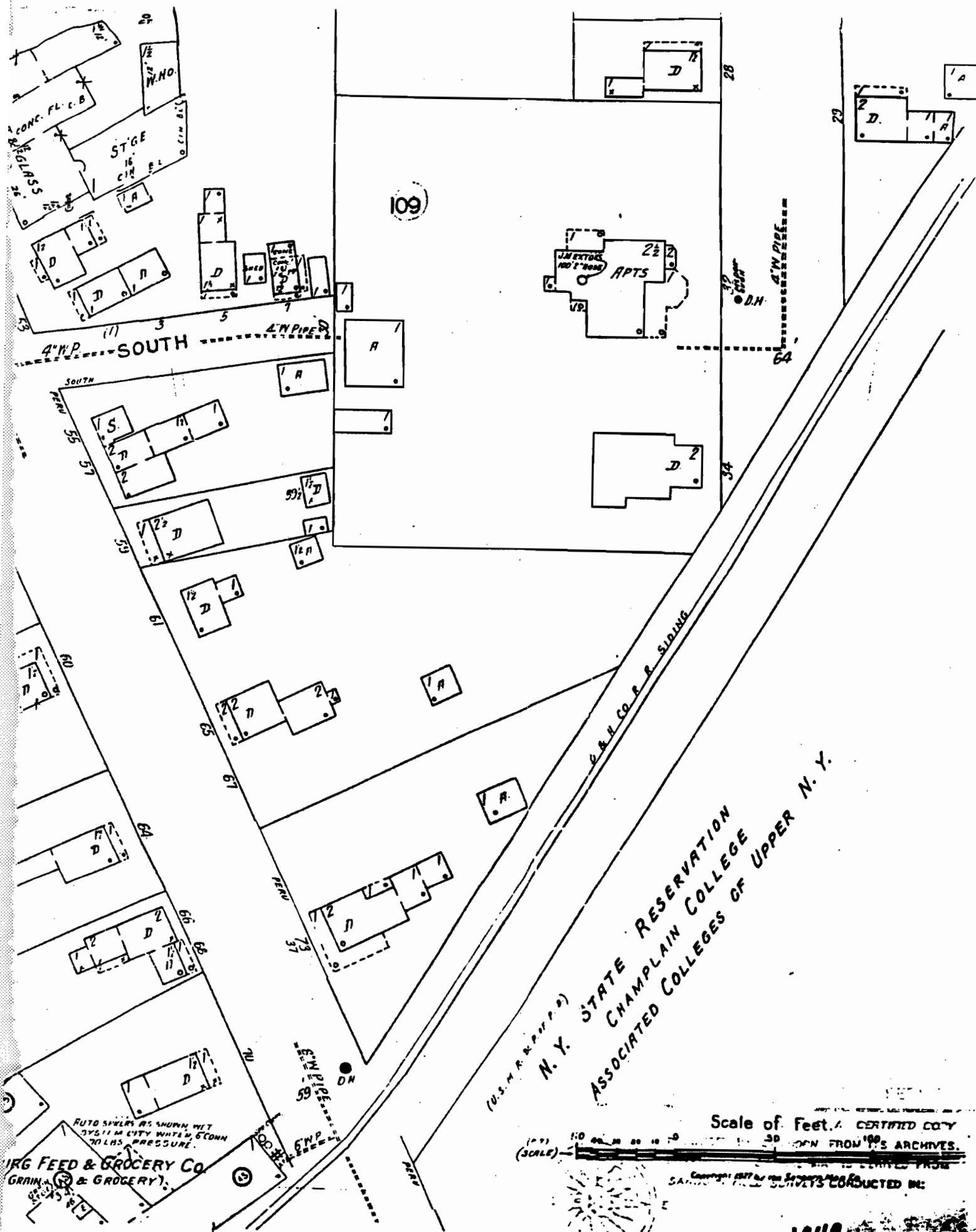
PLATTSBURGH
(WHOLESALE)

6" W. PIPE

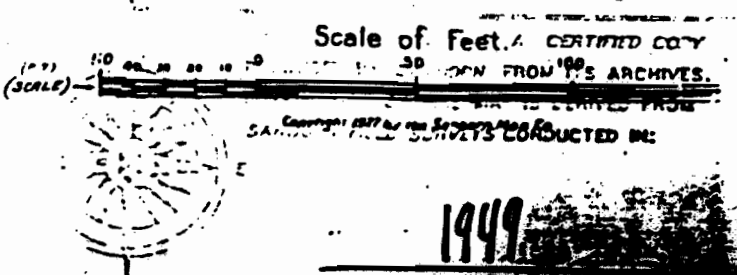
6" W. PIPE

10

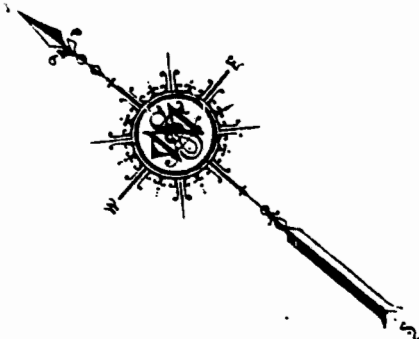




N. Y. STATE RESERVATION
 CHAMPLAIN COLLEGE
 ASSOCIATED COLLEGES OF UPPER N. Y.

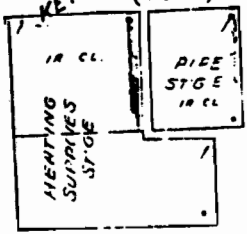
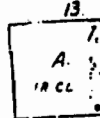
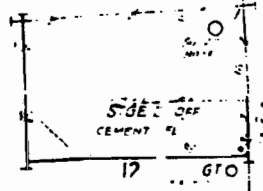


1949



132

NEW YORK STATE ELEC & GAS CORP



KEYSTONE CASE SUPPLY CO., INC.

SARANAC

40'

IRON BRIDGE

CITY REPAIR SHOPS

CHAS MILLER OWNER VAC & OPEN

NEW YORK STATE ELEC. & GAS CORPN. DIV. OF
ASSOCIATED GAS & ELECTRIC SYSTEM

CONSTANT OPERATION
POWER WATER & ELEC FULL CORL
HOSE REEL 400' 2 1/2" HOSE
CHEM EXTGRS.

MAPPING & GEOGRAPHIC INFORMATION SYSTEM SERVICE



THIS SANBORN MAP IS A CERTIFIED COPY
PRODUCED BY SANBORN FROM ITS ARCHIVES.
INFORMATION ON THIS MAP IS DERIVED FROM
SANBORN FIELD SURVEYS CONDUCTED IN:

1965

1. 222

R i v e r

Stone Flume

S a r a n a c

P i v e

SARANAC

CAROLINE

PERU

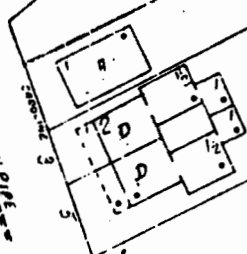
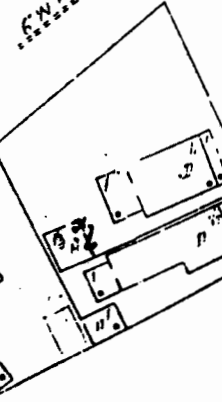
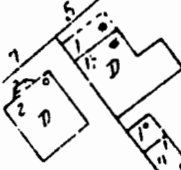
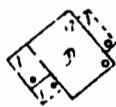
SARANAC

134

135

10

STORE NO.





DATA VALIDATION SUMMARY REPORT

PLATTSBURGH MGP SITE **DATA VALIDATION SUMMARY REPORT**

As a result of the data validation process the following actions were taken:

- BN extract data from **Sample PLTXSSXX04** values are qualified as estimates due to surrogate recoveries outside the QC limits.
- **PLTXSSXX05 and PLTXSSDOU1 are DUPLICATE SEDIMENT SAMPLES:** values for Naphthalene, Pyrene, Bis(2-ethylhexyl)phthalate, Nickel, and Manganese are qualified as estimates due to the relative per cent differences (RPD) being above 50%.
- **PLSXSSXX05 and PLSXSSDU01 are DUPLICATE AQUEOUS SAMPLES:** values for Naphthalene, Diethylphthalate, and Manganese are qualified as estimates due to the relative per cent differences (RPD) being above 30%.

**LABORATORY ANALYTICAL
DATA**

NYSEG

CHAIN OF CUSTODY RECORD

0002

Laboratory

GALSON

Project Location: Pla Hlsburg NY State
 Samplers: Martin Bogie / P. BATTOWNY
 Affiliation: ATM-IR ENU SAK NYSEG

Sample ID Code	Type	Matrix	Collection Date/Time	No. of Containers
PLSXXSSXX07	G	Water	10/23/94/10:15	7
PLTXSSXX08	G	Sed	10/23/94/10:15	4
PLSXXSSXX08	G	Water	10/23/94/10:00	7
PLTXSSDU01	G	Sed	10/23/94/10:30	4
PLSXXSSDU01	G	Water	10/23/94/10:45	7
TRIR Blank	G	Water	10/23/94/8:30	2
PLSXXXRBO1	G	Water	10/23/94/16:00	7

Remarks

* Dissolved Metals for H₂O, TOTAL Metals for Sediments.

Antimony, Arsenic Cadmium, Chromium Copper, IRON, Lead, Manganese, Mercury Nickel, Silver, Zinc

Matrix Code: L=Liquid; S=Solid; A=Air

Relinquished by: Martin Bogie Date: 10/24/94 Time: 8:30
 Received by: P. Battowny Date: 10/25/94 Time: NA

Relinquished by: NA Date: NA Time: NA
 Received by: NA Date: NA Time: NA

Special Instructions / Remarks:

Delivery Method: In Person Common Carrier(specific) Lab Courier Other(specific)



VOLATILE ANALYTICAL REPORT

Client : New York State Electric & Gas
Account # : 11163
Site : Plattsburgh Saranac St.

Date Received : 25-OCT-94 Matrix : Soil
Date Sampled : 22-OCT-94 - 23-OCT-94 Method : SW846/8240
Units : UG/KG

Galson ID:	L20574-1	L20574-2	L20574-3
Client ID:	PLTXSSXX01	PLTXSSXX02	PLTXSSXX03

Chloromethane	<13	<13	<12
Bromomethane	<13	<13	<12
Vinyl Chloride	<13	<13	<12
Chloroethane	<13	<13	<12
Methylene Chloride	6	6	<6
Acetone	31	17	<12
Carbon Disulfide	<6	<6	<6
1,1-Dichloroethene	<6	<6	<6
1,1-Dichloroethane	<6	<6	<6
1,2-Dichloroethene (total)	<6	<6	<6
Chloroform	<6	<6	<6
1,2-Dichloroethane	<6	<6	<6
2-Butanone	<13	<13	<12
1,1,1-Trichloroethane	<6	<6	<6
Carbon Tetrachloride	<6	<6	<6
Vinyl Acetate	<13	<13	<12
Bromodichloromethane	<6	<6	<6
1,2-Dichloropropane	<6	<6	<6
cis-1,3-Dichloropropene	<6	<6	<6
Trichloroethene	<6	<6	<6
Dibromochloromethane	<6	<6	<6
1,1,2-Trichloroethane	<6	<6	<6
Benzene	<6	<6	<6
trans-1,3-Dichloropropene	<6	<6	<6
Bromoform	<6	<6	<6
4-Methyl-2-Pentanone	<13	<13	<12
2-Hexanone	<13	<13	<12
Tetrachloroethene	<6	<6	<6
1,1,2,2-Tetrachloroethane	<6	<6	<6
Toluene	<6	<6	<6
Chlorobenzene	<6	<6	<6
Ethylbenzene	<6	<6	<6
Styrene	<6	<6	<6
Xylene (total)	<6	<6	<6
Percent Moisture (%)	24	22	19
Dilution Factor	1	1	1
Analysis Date	10/28/94	10/28/94	10/28/94

ug - microgram
mg - milligram
kg - kilogram
> - Greater than

NR - Not Requested
NS - Not Specified
L - Liter
< - Less than

Approved by :RG

Date :14-NOV-94

QC by : *JM*
Date : 11/15/94

Footnotes:





VOLATILE ANALYTICAL REPORT

Client : New York State Electric & Gas
Account # : 11163
Site : Plattsburgh Saranac St.

Date Received : 25-OCT-94 Matrix : Soil
Date Sampled : 22-OCT-94 - 23-OCT-94 Method : SW846/8240
Units : UG/KG

Galson ID: L20574-4 L20574-5 L20574-6
Client ID: PLTXSSXX04 PLTXSSXX05 PLTXSSXX06

Chloromethane	<12	<11	<12
Bromomethane	<12	<11	<12
Vinyl Chloride	<12	<11	<12
Chloroethane	<12	<11	<12
Methylene Chloride	<6	<6	<6
Acetone	<12	<11	17
Carbon Disulfide	<6	<6	<6
1,1-Dichloroethene	<6	<6	<6
1,1-Dichloroethane	<6	<6	<6
1,2-Dichloroethene (total)	<6	<6	<6
Chloroform	<6	<6	<6
1,2-Dichloroethane	<6	<6	<6
2-Butanone	<12	<11	<12
1,1,1-Trichloroethane	<6	<6	<6
Carbon Tetrachloride	<6	<6	<6
Vinyl Acetate	<12	<11	<12
Bromodichloromethane	<6	<6	<6
1,2-Dichloropropane	<6	<6	<6
cis-1,3-Dichloropropene	<6	<6	<6
Trichloroethene	<6	<6	<6
Dibromochloromethane	<6	<6	<6
1,1,2-Trichloroethane	<6	<6	<6
Benzene	<6	<6	<6
trans-1,3-Dichloropropene	<6	<6	<6
Bromoform	<6	<6	<6
4-Methyl-2-Pentanone	<12	<11	<12
2-Hexanone	<12	<11	<12
Tetrachloroethene	<6	<6	<6
1,1,2,2-Tetrachloroethane	<6	<6	<6
Toluene	<6	<6	<6
Chlorobenzene	<6	<6	<6
Ethylbenzene	<6	<6	<6
Styrene	<6	<6	<6
Xylene (total)	<6	<6	<6
Percent Moisture (%)	17	11	18
Dilution Factor	1	1	1
Analysis Date	10/28/94	11/01/94	11/01/94

ug - microgram
mg - milligram
kg - kilogram
> - Greater than

NR - Not Requested
NS - Not Specified
L - Liter
< - Less than

Approved by :RG

Date :14-NOV-94

QC by : *J. Smith*

Date : 11/15/94

Footnotes:





VOLATILE ANALYTICAL REPORT

Client : New York State Electric & Gas
Account # : 11163
Site : Plattsburgh Saranac St.

Date Received : 25-OCT-94
Date Sampled : 22-OCT-94 - 23-OCT-94
Matrix : Soil
Method : SW846/8240
Units : UG/KG

Galson ID: L20574-7 L20574-8 L20574-9
Client ID: PLTXSSXX07 PLTXSSXX08 PLTXSSDU01

Chloromethane	<12	<15	<11
Bromomethane	<12	<15	<11
Vinyl Chloride	<12	<15	<11
Chloroethane	<12	<15	<11
Methylene Chloride	<6	<7	<6
Acetone	<12	23	<11
Carbon Disulfide	<6	<7	<6
1,1-Dichloroethene	<6	<7	<6
1,1-Dichloroethane	<6	<7	<6
1,2-Dichloroethene (total)	<6	<7	<6
Chloroform	<6	<7	<6
1,2-Dichloroethane	<6	<7	<6
2-Butanone	<12	<15	<11
1,1,1-Trichloroethane	<6	<7	<6
Carbon Tetrachloride	<6	<7	<6
Vinyl Acetate	<12	<15	<11
Bromodichloromethane	<6	<7	<6
1,2-Dichloropropane	<6	<7	<6
cis-1,3-Dichloropropene	<6	<7	<6
Trichloroethene	<6	<7	<6
Dibromochloromethane	<6	<7	<6
1,1,2-Trichloroethane	<6	<7	<6
Benzene	<6	<7	<6
trans-1,3-Dichloropropene	<6	<7	<6
Bromoform	<6	<7	<6
4-Methyl-2-Pentanone	<12	<15	<11
2-Hexanone	<12	<15	<11
Tetrachloroethene	<6	<7	<6
1,1,2,2-Tetrachloroethane	<6	<7	<6
Toluene	<6	<7	<6
Chlorobenzene	<6	<7	<6
Ethylbenzene	32	96	<6
Styrene	<6	<7	<6
Xylene (total)	38	94	<6

Percent Moisture (%)	15	32	11
Dilution Factor	1	1	1
Analysis Date	11/01/94	11/01/94	11/01/94

ug - microgram
mg - milligram
kg - kilogram
> - Greater than

NR - Not Requested
NS - Not Specified
L - Liter
< - Less than

Approved by :RG

Date : 14-NOV-94

QC by : *T. M. G.*

Date : 11/5/94

Footnotes:





VOLATILE ANALYTICAL REPORT

Client : New York State Electric & Gas
Account # : 11163
Site : Plattsburgh Saranac St.

Date Received : 25-OCT-94 Matrix : Soil
Date Sampled : 22-OCT-94 - 23-OCT-94 Method : SW846/8240
Units : UG/KG

Galson ID: QCB110194-1 QCC102894-1
Client ID: METHOD BLANK METHOD BLANK

Chloromethane	<10	<10
Bromomethane	<10	<10
Vinyl Chloride	<10	<10
Chloroethane	<10	<10
Methylene Chloride	<5	<5
Acetone	<10	<10
Carbon Disulfide	<5	<5
1,1-Dichloroethene	<5	<5
1,1-Dichloroethane	<5	<5
1,2-Dichloroethene (total)	<5	<5
Chloroform	<5	<5
1,2-Dichloroethane	<5	<5
2-Butanone	<10	<10
1,1,1-Trichloroethane	<5	<5
Carbon Tetrachloride	<5	<5
Vinyl Acetate	<10	<10
Bromodichloromethane	<5	<5
1,2-Dichloropropane	<5	<5
cis-1,3-Dichloropropene	<5	<5
Trichloroethene	<5	<5
Dibromochloromethane	<5	<5
1,1,2-Trichloroethane	<5	<5
Benzene	<5	<5
trans-1,3-Dichloropropene	<5	<5
Bromoform	<5	<5
4-Methyl-2-Pentanone	<10	<10
2-Hexanone	<10	<10
Tetrachloroethene	<5	<5
1,1,2,2-Tetrachloroethane	<5	<5
Toluene	<5	<5
Chlorobenzene	<5	<5
Ethylbenzene	<5	<5
Styrene	<5	<5
Xylene (total)	<5	<5

Percent Moisture (%)	NA	NA
Dilution Factor	1	1
Analysis Date	11/01/94	10/28/94

ug - microgram
mg - milligram
kg - kilogram
> - Greater than

NR - Not Requested
NS - Not Specified
L - Liter
< - Less than

Approved by :RG

Date : 14-NOV-94

QC by : *met*

Date : 11/5/94

Footnotes:





SOIL VOLATILE SURROGATE RECOVERY

Login # : L20574

Level: (low/med) LOW

[illegible]

SMC1 (TOL) = Toluene-d8
SMC2 (BFB) = Bromofluorobenzene
SMC3 (DCE) = 1,2-Dichloroethane-d4

QC LIMITS
(81-117)
(74-121)
(70-121)

```
# Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out
```





VOLATILE ANALYTICAL REPORT

Client : New York State Electric & Gas
Account # : 11163
Site : Plattsburgh Saranac St.

Date Received : 25-OCT-94 Matrix : Water
Date Sampled : 22-OCT-94 - 23-OCT-94 Method : SW846/8240
Units : UG/L

Galson ID:	L20574-10	L20574-11	L20574-12
Client ID:	PLSXSSXX01	PLSXSSXX02	PLSXSSXX03

Chloromethane	<10	<10	<10
Bromomethane	<10	<10	<10
Vinyl Chloride	<10	<10	<10
Chloroethane	<10	<10	<10
Methylene Chloride	<5	<5	<5
Acetone	<10	<10	<10
Carbon Disulfide	<5	<5	<5
1,1-Dichloroethene	<5	<5	<5
1,1-Dichloroethane	<5	<5	<5
1,2-Dichloroethene (total)	<5	<5	<5
Chloroform	<5	<5	<5
1,2-Dichloroethane	<5	<5	<5
2-Butanone	<10	<10	<10
1,1,1-Trichloroethane	<5	<5	<5
Carbon Tetrachloride	<5	<5	<5
Vinyl Acetate	<10	<10	<10
Bromodichloromethane	<5	<5	<5
1,2-Dichloropropane	<5	<5	<5
cis-1,3-Dichloropropene	<5	<5	<5
Trichloroethene	<5	<5	<5
Dibromochloromethane	<5	<5	<5
1,1,2-Trichloroethane	<5	<5	<5
Benzene	<5	<5	<5
trans-1,3-Dichloropropene	<5	<5	<5
Bromoform	<5	<5	<5
4-Methyl-2-Pentanone	<10	<10	<10
2-Hexanone	<10	<10	<10
Tetrachloroethene	<5	<5	<5
1,1,2,2-Tetrachloroethane	<5	<5	<5
Toluene	<5	<5	<5
Chlorobenzene	<5	<5	<5
Ethylbenzene	<5	<5	<5
Styrene	<5	<5	<5
Xylene (total)	<5	<5	<5

Dilution Factor	1	1	1
Analysis Date	10/30/94	10/30/94	10/31/94

ug - microgram
mg - milligram
kg - kilogram
> - Greater than

NR - Not Requested
NS - Not Specified
L - Liter
< - Less than

Approved by :RG

Date :14-NOV-94

QC by :

Date : 11/5/94

Footnotes:



VOLATILE ANALYTICAL REPORT

Client : New York State Electric & Gas
Account # : 11163
Site : Plattsburgh Saranac St.

Date Received : 25-OCT-94 Matrix : Water
Date Sampled : 22-OCT-94 - 23-OCT-94 Method : SW846/8240
Units : UG/L

Galson ID:	L20574-13	L20574-14	L20574-15
Client ID:	PLSXSSXX04	PLSXSSXX05	PLSXSSXX06

Chloromethane	<10	<10	<10
Bromomethane	<10	<10	<10
Vinyl Chloride	<10	<10	<10
Chloroethane	<10	<10	<10
Methylene Chloride	<5	<5	<5
Acetone	<10	<10	<10
Carbon Disulfide	<5	<5	<5
1,1-Dichloroethene	<5	<5	<5
1,1-Dichloroethane	<5	<5	<5
1,2-Dichloroethene (total)	<5	<5	<5
Chloroform	<5	<5	<5
1,2-Dichloroethane	<5	<5	<5
2-Butanone	<10	<10	<10
1,1,1-Trichloroethane	<5	<5	<5
Carbon Tetrachloride	<5	<5	<5
Vinyl Acetate	<10	<10	<10
Bromodichloromethane	<5	<5	<5
1,2-Dichloropropane	<5	<5	<5
cis-1,3-Dichloropropene	<5	<5	<5
Trichloroethene	<5	<5	<5
Dibromochloromethane	<5	<5	<5
1,1,2-Trichloroethane	<5	<5	<5
Benzene	<5	<5	<5
trans-1,3-Dichloropropene	<5	<5	<5
Bromoform	<5	<5	<5
4-Methyl-2-Pentanone	<10	<10	<10
2-Hexanone	<10	<10	<10
Tetrachloroethene	<5	<5	<5
1,1,2,2-Tetrachloroethane	<5	<5	<5
Toluene	<5	<5	<5
Chlorobenzene	<5	<5	<5
Ethylbenzene	<5	9	<5
Styrene	<5	<5	<5
Xylene (total)	<5	<5	<5

Dilution Factor	1	1	1
Analysis Date	10/31/94	11/01/94	10/31/94

ug - microgram NR - Not Requested
mg - milligram NS - Not Specified
kg - kilogram L - Liter
> - Greater than < - Less than

Approved by :RG
Date : 14-NOV-94
QC by : Jmet
Date : 11/15/94

Footnotes:





VOLATILE ANALYTICAL REPORT

Client : New York State Electric & Gas
Account # : 11163
Site : Plattsburgh Saranac St.

Date Received : 25-OCT-94 Matrix : Water
Date Sampled : 22-OCT-94 - 23-OCT-94 Method : SW846/8240
Units : UG/L

Galson ID:	L20574-16	L20574-17	L20574-18
Client ID:	PLSXSSXX07	PLSXSSXX08	PLSXSSDU01

Chloromethane	<10	<10	<10
Bromomethane	<10	<10	<10
Vinyl Chloride	<10	<10	<10
Chloroethane	<10	<10	<10
Methylene Chloride	<5	<5	<5
Acetone	<10	<10	<10
Carbon Disulfide	<5	<5	<5
1,1-Dichloroethene	<5	<5	<5
1,1-Dichloroethane	<5	<5	<5
1,2-Dichloroethene (total)	<5	<5	<5
Chloroform	<5	<5	<5
1,2-Dichloroethane	<5	<5	<5
2-Butanone	<10	<10	<10
1,1,1-Trichloroethane	<5	<5	<5
Carbon Tetrachloride	<5	<5	<5
Vinyl Acetate	<10	<10	<10
Bromodichloromethane	<5	<5	<5
1,2-Dichloropropane	<5	<5	<5
cis-1,3-Dichloropropene	<5	<5	<5
Trichloroethene	<5	<5	<5
Dibromochloromethane	<5	<5	<5
1,1,2-Trichloroethane	<5	<5	<5
Benzene	<5	<5	<5
trans-1,3-Dichloropropene	<5	<5	<5
Bromoform	<5	<5	<5
4-Methyl-2-Pentanone	<10	<10	<10
2-Hexanone	<10	<10	<10
Tetrachloroethene	<5	<5	<5
1,1,2,2-Tetrachloroethane	<5	<5	<5
Toluene	<5	<5	<5
Chlorobenzene	<5	<5	<5
Ethylbenzene	9	<5	<5
Styrene	<5	<5	<5
Xylene (total)	5	<5	<5

Dilution Factor	1	1	1
Analysis Date	10/31/94	10/31/94	11/01/94

ug - microgram
mg - milligram
kg - kilogram
> - Greater than

NR - Not Requested
NS - Not Specified
L - Liter
< - Less than

Approved by :RG

Date : 14-NOV-94

QC by : *Jmett*

Date : 11/15/94

Footnotes:





VOLATILE ANALYTICAL REPORT

Client : New York State Electric & Gas
Account # : 11163
Site : Plattsburgh Saranac St.

Date Received : 25-OCT-94
Date Sampled : 22-OCT-94 - 23-OCT-94
Matrix : Water
Method : SW846/8240
Units : UG/L

Galson ID:	L20574-19	L20574-20	QCC103094-1
Client ID:	PLXXXXRB01	TRIP BLANK	Method Blank

Chloromethane	<10	<10	<10
Bromomethane	<10	<10	<10
Vinyl Chloride	<10	<10	<10
Chloroethane	<10	<10	<10
Methylene Chloride	<5	<5	<5
Acetone	<10	<10	<10
Carbon Disulfide	<5	<5	<5
1,1-Dichloroethene	<5	<5	<5
1,1-Dichloroethane	<5	<5	<5
1,2-Dichloroethene (total)	<5	<5	<5
Chloroform	<5	<5	<5
1,2-Dichloroethane	<5	<5	<5
2-Butanone	<10	<10	<10
1,1,1-Trichloroethane	<5	<5	<5
Carbon Tetrachloride	<5	<5	<5
Vinyl Acetate	<10	<10	<10
Bromodichloromethane	<5	<5	<5
1,2-Dichloropropane	<5	<5	<5
cis-1,3-Dichloropropene	<5	<5	<5
Trichloroethene	<5	<5	<5
Dibromochloromethane	<5	<5	<5
1,1,2-Trichloroethane	<5	<5	<5
Benzene	<5	<5	<5
trans-1,3-Dichloropropene	<5	<5	<5
Bromoform	<5	<5	<5
4-Methyl-2-Pentanone	<10	<10	<10
2-Hexanone	<10	<10	<10
Tetrachloroethene	<5	<5	<5
1,1,2,2-Tetrachloroethane	<5	<5	<5
Toluene	<5	<5	<5
Chlorobenzene	<5	<5	<5
Ethylbenzene	<5	<5	<5
Styrene	<5	<5	<5
Xylene (total)	<5	<5	<5

Dilution Factor	1	1	1
Analysis Date	10/31/94	10/31/94	10/30/94

ug - microgram	NR - Not Requested
mg - milligram	NS - Not Specified
kg - kilogram	L - Liter
> - Greater than	< - Less than

Approved by :RG

Date :14-NOV-94

QC by : *John A*
Date : 11/15/94

Footnotes:





VOLATILE ANALYTICAL REPORT

Client : New York State Electric & Gas
Account # : 11163
Site : Plattsburgh Saranac St.

Date Received : 25-OCT-94 Matrix : Water
Date Sampled : 22-OCT-94 - 23-OCT-94 Method : SW846/8240
Units : UG/L

Galson ID: QCC103194-1 QCC110194-2
Client ID: Method Blank Method Blank

Chloromethane	<10	<10
Bromomethane	<10	<10
Vinyl Chloride	<10	<10
Chloroethane	<10	<10
Methylene Chloride	<5	<5
Acetone	<10	<10
Carbon Disulfide	<5	<5
1,1-Dichloroethene	<5	<5
1,1-Dichloroethane	<5	<5
1,2-Dichloroethene (total)	<5	<5
Chloroform	<5	<5
1,2-Dichloroethane	<5	<5
2-Butanone	<10	<10
1,1,1-Trichloroethane	<5	<5
Carbon Tetrachloride	<5	<5
Vinyl Acetate	<10	<10
Bromodichloromethane	<5	<5
1,2-Dichloropropane	<5	<5
cis-1,3-Dichloropropene	<5	<5
Trichloroethene	<5	<5
Dibromochloromethane	<5	<5
1,1,2-Trichloroethane	<5	<5
Benzene	<5	<5
trans-1,3-Dichloropropene	<5	<5
Bromoform	<5	<5
4-Methyl-2-Pentanone	<10	<10
2-Hexanone	<10	<10
Tetrachloroethene	<5	<5
1,1,2,2-Tetrachloroethane	<5	<5
Toluene	<5	<5
Chlorobenzene	<5	<5
Ethylbenzene	<5	<5
Styrene	<5	<5
Xylene (total)	<5	<5

Dilution Factor 1 1
Analysis Date 10/31/94 11/01/94

ug - microgram NR - Not Requested
mg - milligram NS - Not Specified
kg - kilogram L - Liter
> - Greater than < - Less than

Approved by :RG
Date : 14-NOV-94
QC by : JACB
Date : 11/5/94

Footnotes:





WATER VOLATILE SURROGATE RECOVERY

Login # : L20574

[illegible]

SMC1 (TOL) = Toluene-d8
SMC2 (BFB) = Bromofluorobenzene
SMC3 (DCE) = 1,2-Dichloroethane-d4

QC LIMITS
(88-110)
(86-115)
(76-114)

```
# Column to be used to flag recovery values
* Values outside of QC limits
D Surrogate diluted out
```





SEMIVOLATILE ANALYTICAL REPORT

Client : New York State Electric & Gas
Account # : 11163
Site : Plattsburgh Saranac St.

Date Received : 25-OCT-94 Matrix : Soil
Date Sampled : 22-OCT-94 - 23-OCT-94 Method : SW846/3550/8270,
Date Extracted: 28-OCT-94 Units : UG/KG

Galson ID:	L20574-1	L20574-2	L20574-3
Client ID:	PLTXSSXX01	PLTXSSXX02	PLTXSSXX03
Phenol	<440	<2100	<410
bis(2-Chloroethyl)ether	<440	<2100	<410
2-Chlorophenol	<440	<2100	<410
1,3-Dichlorobenzene	<440	<2100	<410
1,4-Dichlorobenzene	<440	<2100	<410
Benzyl Alcohol	<440	<2100	<410
1,2-Dichlorobenzene	<440	<2100	<410
2-Methylphenol	<440	<2100	<410
2,2'-oxybis(1-Chloropropane)	<440	<2100	<410
4-Methylphenol	<440	<2100	<410
N-Nitroso-di-n-propylamine	<440	<2100	<410
Hexachloroethane	<440	<2100	<410
Nitrobenzene	<440	<2100	<410
Isophorone	<440	<2100	<410
2-Nitrophenol	<440	<2100	<410
2,4-Dimethylphenol	<440	<2100	<410
Benzoic Acid	<1100	<5300	<1000
bis(2-Chloroethoxy)methane	<440	<2100	<410
2,4-Dichlorophenol	<440	<2100	<410
1,2,4-Trichlorobenzene	<440	<2100	<410
Naphthalene	<440	<2100	<410
4-Chloroaniline	<440	<2100	<410
Hexachlorobutadiene	<440	<2100	<410
4-Chloro-3-methylphenol	<440	<2100	<410
2-Methylnaphthalene	<440	<2100	<410
Hexachlorocyclopentadiene	<440	<2100	<410
2,4,6-Trichlorophenol	<440	<2100	<410
2,4,5-Trichlorophenol	<1100	<5300	<1000
2-Chloronaphthalene	<440	<2100	<410
2-Nitroaniline	<1100	<5300	<1000
Dimethylphthalate	<440	<2100	<410
Acenaphthylene	<440	<2100	<410
2,6-Dinitrotoluene	<440	<2100	<410
3-Nitroaniline	<1100	<5300	<1000
Acenaphthene	<440	3200	<410

ug - microgram NR - Not Requested
mg - milligram NS - Not Specified
kg - kilogram L - Liter
> - Greater than < - Less than

Approved by : PS
Date : 15-NOV-94
QC by : *[Signature]*
Date : 11/15/94

Footnotes:





Galson Laboratories

SEMIVOLATILE ANALYTICAL REPORT

Client : New York State Electric & Gas
Account # : 11163
Site : Plattsburgh Saranac St.

Date Received : 25-OCT-94 Matrix : Soil
Date Sampled : 22-OCT-94 - 23-OCT-94 Method : SW846/3550/8270
Date Extracted: 28-OCT-94 Units : UG/KG

Galson ID:	L20574-1	L20574-2	L20574-3
Client ID:	PLTXSSXX01	PLTXSSXX02	PLTXSSXX03

2,4-Dinitrophenol	<1100	<5300	<1000
4-Nitrophenol	<1100	<5300	<1000
Dibenzofuran	<440	<2100	<410
2,4-Dinitrotoluene	<440	<2100	<410
Diethylphthalate	<440	<2100	<410
4-Chlorophenyl-phenylether	<440	<2100	<410
Fluorene	<440	3700	<410
4-Nitroaniline	<1100	<5300	<1000
4,6-Dinitro-2-methylphenol	<1100	<5300	<1000
N-Nitrosodiphenylamine	<440	<2100	<410
4-Bromophenyl-phenylether	<440	<2100	<410
Hexachlorobenzene	<440	<2100	<410
Pentachlorophenol	<1100	<5300	<1000
Phenanthrene	<440	24000	1000
Anthracene	<440	7600	<410
Carbazole	<440	<2100	<410
Di-n-butylphthalate	<440	<2100	<410
Fluoranthene	<440	18000	1500
Pyrene	<440	29000	2100
Butylbenzylphthalate	<440	<2100	<410
3,3'-Dichlorobenzidine	<440	<2100	<410
Benzo(a)anthracene	<440	10000	1100
Chrysene	<440	8500	1000
bis(2-Ethylhexyl)phthalate	640	18000	1700
Di-n-octylphthalate	<440	<2100	<410
Benzo(b)fluoranthene	<440	4600	740
Benzo(k)fluoranthene	<440	4900	770
Benzo(a)pyrene	<440	7800	1000
Indeno(1,2,3-cd)pyrene	<440	3000	530
Dibenzo(a,h)anthracene	<440	<2100	<410
Benzo(g,h,i)perylene	<440	3500	600
Percent Moisture (%)	24	22	19
Dilution Factor	1	5	1
Analysis Date	11/13/94	11/13/94	11/14/94

ug - microgram
mg - milligram
kg - kilogram
> - Greater than

NR - Not Requested
NS - Not Specified
L - Liter
< - Less than

Approved by : PS
Date : 15-NOV-94
QC by : *[Signature]*
Date : 11/15/94

Footnotes:





SEMIVOLATILE ANALYTICAL REPORT

Client : New York State Electric & Gas
Account # : 11163
Site : Plattsburgh Saranac St.

Date Received : 25-OCT-94 Matrix : Soil
Date Sampled : 22-OCT-94 - 23-OCT-94 Method : SW846/3550/8270
Date Extracted: 28-OCT-94 Units : UG/KG

Galson ID:	L20574-4	L20574-5	L20574-6
Client ID:	PLTXSSXX04	PLTXSSXX05	PLTXSSXX06

Phenol	<400 R	<370	<410
bis(2-Chloroethyl)ether	<400 UJ	<370	<410
2-Chlorophenol	<400 R	<370	<410
1,3-Dichlorobenzene	<400 UJ	<370	<410
1,4-Dichlorobenzene	<400 UJ	<370	<410
Benzyl Alcohol	<400 UJ	<370	<410
1,2-Dichlorobenzene	<400 UJ	<370	<410
2-Methylphenol	<400 R	<370	<410
2,2'-oxybis(1-Chloropropane)	<400 UJ	<370	<410
4-Methylphenol	<400 R	<370	<410
N-Nitroso-di-n-propylamine	<400 UJ	<370	<410
Hexachloroethane	<400 UJ	<370	<410
Nitrobenzene	<400 UJ	<370	<410
Isophorone	<400 UJ	<370	<410
2-Nitrophenol	<400 R	<370	<410
2,4-Dimethylphenol	<400 R	<370	<410
Benzoic Acid	<1000 R	<940	<1000
bis(2-Chloroethoxy)methane	<400 UJ	<370	<410
2,4-Dichlorophenol	<400 R	<370	<410
1,2,4-Trichlorobenzene	<400 UJ	<370	<410
Naphthalene	3100 J	<370 UJ	<410
4-Chloroaniline	<400 UJ	<370	<410
Hexachlorobutadiene	<400 UJ	<370	<410
4-Chloro-3-methylphenol	<400 R	<370	<410
2-Methylnaphthalene	<400 UJ	<370	<410
Hexachlorocyclopentadiene	<400 UJ	<370	<410
2,4,6-Trichlorophenol	<400 R	<370	<410
2,4,5-Trichlorophenol	<1000 R	<940	<1000
2-Chloronaphthalene	<400 UJ	<370	<410
2-Nitroaniline	<1000 UJ	<940	<1000
Dimethylphthalate	<400 UJ	<370	<410
Acenaphthylene	1100 J	<370	<410
2,6-Dinitrotoluene	<400 UJ	<370	<410
3-Nitroaniline	<1000 UJ	<940	<1000
Acenaphthene	910 J	<370	<410

ug - microgram
mg - milligram
kg - kilogram
> - Greater than

NR - Not Requested
NS - Not Specified
L - Liter
< - Less than

Approved by : PS

Date : 15-NOV-94

QC by : J. M. J.

Date : 11/15/94

Footnotes:

UJ - Quantified as estimated non-detect due to differences from duplicate

J - Quantified as estimates due to low surrogate recovery

UJ - Quantified as non-detect estimate due to low surrogate recovery





Client : New York State Electric & Gas
Account # : 11163
Site : Plattsburgh Saranac St.

Date Received : 25-OCT-94 Matrix : Soil
Date Sampled : 22-OCT-94 - 23-OCT-94 Method : SW846/3550/8270
Date Extracted: 28-OCT-94 Units : UG/KG

Galsong ID:	L20574-4	L20574-5	L20574-6
Client ID:	PLTXSSXX04	PLTXSSXX05	PLTXSSXX06
2,4-Dinitrophenol	<1000 R	<940	<1000
4-Nitrophenol	<1000 R	<940	<1000
Dibenzofuran	<400 UJ	<370	<410
2,4-Dinitrotoluene	<400 UJ	<370	<410
Diethylphthalate	<400 UJ	<370	<410
4-Chlorophenyl-phenylether	<400 UJ	<370	<410
Fluorene	1100 J	<370	<410
4-Nitroaniline	<1000 UJ	<940	<1000
4,6-Dinitro-2-methylphenol	<1000 R	<940	<1000
N-Nitrosodiphenylamine	<400 UJ	<370	<410
4-Bromophenyl-phenylether	<400 UJ	<370	<410
Hexachlorobenzene	<400 UJ	<370	<410
Pentachlorophenol	<1000 R	<940	<1000
Phenanthrene	5200 J	<370	<410
Anthracene	2600 J	<370	<410
Carbazole	<400 UJ	<370	<410
Di-n-butylphthalate	<400 UJ	<370	<410
Fluoranthene	5100 J	<370	480
Pyrene	7400 J	400 J	630 J
Butylbenzylphthalate	<400 J	<370	<410
3,3'-Dichlorobenzidine	<400 J	<370	<410
Benzo(a)anthracene	3400 J	<370	<410
Chrysene	3200 J	<370	<410
bis(2-Ethylhexyl)phthalate	<400 J	<370 J	1300
Di-n-octylphthalate	<400 J	<370	<410
Benzo(b)fluoranthene	2000 J	<370	<410
Benzo(k)fluoranthene	1300 J	<370	<410
Benzo(a)pyrene	2200 J	<370	<410
Indeno(1,2,3-cd)pyrene	1000 J	<370	<410
Dibenzo(a,h)anthracene	480 J	<370	<410
Benzo(g,h,i)perylene	1100 J	<370	<410
Percent Moisture (%)	17	11	18
Dilution Factor	1	1	1
Analysis Date	11/14/94	11/14/94	11/14/94

ug - microgram
mg - milligram
kg - kilogram
> - Greater than

NR - Not Requested
NS - Not Specified
L - Liter
< - Less than

Approved by : PS
Date : 15-NOV-94
QC by : *[Signature]*
Date : 11/15/94

Notes:

J	Qualitative estimate due to differences from duplicate.
0.5	" " " " " " low surrogate recovery
0.5	" " " " " " " " " "
J	" " " " " " " " " "





SEMIVOLATILE ANALYTICAL REPORT

Client : New York State Electric & Gas
Account # : 11163
Site : Plattsburgh Saranac St.

Date Received : 25-OCT-94
Date Sampled : 22-OCT-94 - 23-OCT-94
Date Extracted : 28-OCT-94
Matrix : Soil
Method : SW846/3550/8270
Units : UG/KG

Galson ID:	L20574-7	L20574-8	L20574-9
Client ID:	PLTXSSXX07	PLTXSSXX08	PLTXSSDU01

Phenol	<390	<2400	<370
bis(2-Chloroethyl)ether	<390	<2400	<370
2-Chlorophenol	<390	<2400	<370
1,3-Dichlorobenzene	<390	<2400	<370
1,4-Dichlorobenzene	<390	<2400	<370
Benzyl Alcohol	<390	<2400	<370
1,2-Dichlorobenzene	<390	<2400	<370
2-Methylphenol	<390	<2400	<370
2,2'-oxybis(1-Chloropropane)	<390	<2400	<370
4-Methylphenol	<390	<2400	<370
N-Nitroso-di-n-propylamine	<390	<2400	<370
Hexachloroethane	<390	<2400	<370
Nitrobenzene	<390	<2400	<370
Isophorone	<390	<2400	<370
2-Nitrophenol	<390	<2400	<370
2,4-Dimethylphenol	<390	<2400	<370
Benzoic Acid	<980	<6100	<940
bis(2-Chloroethoxy)methane	<390	<2400	<370
2,4-Dichlorophenol	<390	<2400	<370
1,2,4-Trichlorobenzene	<390	<2400	<370
Naphthalene	2800	9500	420 J
4-Chloroaniline	<390	<2400	<370
Hexachlorobutadiene	<390	<2400	<370
4-Chloro-3-methylphenol	<390	<2400	<370
2-Methylnaphthalene	3800	8000	<370
Hexachlorocyclopentadiene	<390	<2400	<370
2,4,6-Trichlorophenol	<390	<2400	<370
2,4,5-Trichlorophenol	<980	<6100	<940
2-Chloronaphthalene	<390	<2400	<370
2-Nitroaniline	<980	<6100	<940
Dimethylphthalate	<390	<2400	<370
Acenaphthylene	<390	2400	<370
2,6-Dinitrotoluene	<390	<2400	<370
3-Nitroaniline	<980	<6100	<940
Acenaphthene	2600	9800	<370

ug - microgram
mg - milligram
kg - kilogram
> - Greater than

NR - Not Requested
NS - Not Specified
L - Liter
< - Less than

Approved by : PS
Date : 15-NOV-94
QC by : *PM*
Date : 11/15/94

Footnotes:

I - estimate due to difference from duplicate sample





SEMIVOLATILE ANALYTICAL REPORT

Client : New York State Electric & Gas
Account # : 11163
Site : Plattsburgh Saranac St.

Date Received : 25-OCT-94
Date Sampled : 22-OCT-94 - 23-OCT-94
Date Extracted : 28-OCT-94
Matrix : Soil
Method : SW846/3550/8270
Units : UG/KG

Galson ID:	L20574-7	L20574-8	L20574-9
Client ID:	PLTXSSXX07	PLTXSSXX08	PLTXSSDU01 - 11163
2,4-Dinitrophenol	<980	<6100	<940
4-Nitrophenol	<980	<6100	<940
Dibenzofuran	<390	<2400	<370
2,4-Dinitrotoluene	<390	<2400	<370
Diethylphthalate	<390	<2400	<370
4-Chlorophenyl-phenylether	<390	<2400	<370
Fluorene	1600	5800	<370
4-Nitroaniline	<980	<6100	<940
4,6-Dinitro-2-methylphenol	<980	<6100	<940
N-Nitrosodiphenylamine	<390	<2400	<370
4-Bromophenyl-phenylether	<390	<2400	<370
Hexachlorobenzene	<390	<2400	<370
Pentachlorophenol	<980	<6100	<940
Phenanthrene	4400	25000	<370
Anthracene	1200	8000	<370
Carbazole	<390	<2400	<370
Di-n-butylphthalate	<390	<2400	<370
Fluoranthene	1300	16000	<370
Pyrene	1800	23000	<370
Butylbenzylphthalate	<390	<2400	<370
3,3'-Dichlorobenzidine	<390	<2400	<370
Benzo(a)anthracene	<390	10000	<370
Chrysene	<390	9100	<370
bis(2-Ethylhexyl)phthalate	<390	12000	2000
Di-n-octylphthalate	<390	<2400	<370
Benzo(b)fluoranthene	<390	6700	<370
Benzo(k)fluoranthene	<390	5200	<370
Benzo(a)pyrene	<390	8400	<370
Indeno(1,2,3-cd)pyrene	<390	3900	<370
Dibenzo(a,h)anthracene	<390	<2400	<370
Benzo(g,h,i)perylene	<390	4000	<370
Percent Moisture (%)	15	32	11
Dilution Factor	1	5	1
Analysis Date	11/14/94	11/14/94	11/14/94

ug - microgram
mg - milligram
kg - kilogram
> - Greater than
NR - Not Requested
NS - Not Specified
L - Liter
< - Less than

Approved by : PS
Date : 15-NOV-94
QC by : J. H. E.
Date : 11/15/94

Footnotes:

UJ } flagged as estimates due to difference from duplicates
J





Galson Laboratories

SEMIVOLATILE ANALYTICAL REPORT

Client : New York State Electric & Gas
Account # : 11163
Site : Plattsburgh Saranac St.

Date Received : 25-OCT-94 Matrix : Soil
Date Sampled : 22-OCT-94 - 23-OCT-94 Method : SW846/3550/8270
Date Extracted : 28-OCT-94 - 14-NOV-94 Units : UG/KG

Galson ID:	L20574-21	Q-2053	Q-2097
Client ID:	PLTXSSXX04 RE	METHOD BLANK	METHOD BLANK

Phenol	<4000 J	<330	<330
bis(2-Chloroethyl)ether	<4000	<330	<330
2-Chlorophenol	<4000	<330	<330
1,3-Dichlorobenzene	<4000	<330	<330
1,4-Dichlorobenzene	<4000	<330	<330
Benzyl Alcohol	<4000	<330	<330
1,2-Dichlorobenzene	<4000	<330	<330
2-Methylphenol	<4000	<330	<330
2,2'-oxybis(1-Chloropropane)	<4000	<330	<330
4-Methylphenol	<4000	<330	<330
N-Nitroso-di-n-propylamine	<4000	<330	<330
Hexachloroethane	<4000	<330	<330
Nitrobenzene	<4000	<330	<330
Isophorone	<4000	<330	<330
2-Nitrophenol	<4000	<330	<330
2,4-Dimethylphenol	<4000	<330	<330
Benzoic Acid	<10000	<830	<830
bis(2-Chloroethoxy)methane	<4000	<330	<330
2,4-Dichlorophenol	<4000	<330	<330
1,2,4-Trichlorobenzene	<4000	<330	<330
Naphthalene	17000 J	<330	<330
4-Chloroaniline	<4000 J	<330	<330
Hexachlorobutadiene	<4000	<330	<330
4-Chloro-3-methylphenol	<4000	<330	<330
2-Methylnaphthalene	<4000	<330	<330
Hexachlorocyclopentadiene	<4000	<330	<330
2,4,6-Trichlorophenol	<4000	<330	<330
2,4,5-Trichlorophenol	<10000	<830	<830
2-Chloronaphthalene	<4000	<330	<330
2-Nitroaniline	<10000	<830	<830
Dimethylphthalate	<4000	<330	<330
Acenaphthylene	8400 J	<330	<330
2,6-Dinitrotoluene	<4000 J	<330	<330
3-Nitroaniline	<10000 I	<830	<830
Acenaphthene	6800 J	<330	<330

ug - microgram
mg - milligram
kg - kilogram
> - Greater than

NR - Not Requested
NS - Not Specified
L - Liter
< - Less than

Approved by : PS
Date : 15-NOV-94
QC by : JMC-ES
Date : 11/15/94

Footnotes:





Galson Laboratories

SEMIVOLATILE ANALYTICAL REPORT

Client : New York State Electric & Gas
Account # : 11163
Site : Plattsburgh Saranac St.

Date Received : 25-OCT-94 Matrix : Soil
Date Sampled : 22-OCT-94 - 23-OCT-94 Method : SW846/3550/8270
Date Extracted: 28-OCT-94 - 14-NOV-94 Units : UG/KG

Galson ID:	L20574-21	Q-2053	Q-2097
Client ID:	PLTXSSXX04 RE	METHOD BLANK	METHOD BLANK

2,4-Dinitrophenol	<10000 <i>VS</i>	<830	<830
4-Nitrophenol	<10000 <i>VS</i>	<830	<830
Dibenzofuran	<4000	<330	<330
2,4-Dinitrotoluene	<4000	<330	<330
Diethylphthalate	<4000	<330	<330
4-Chlorophenyl-phenylether	<4000	<330	<330
Fluorene	7800 <i>VS</i>	<330	<330
4-Nitroaniline	<10000 <i>VS</i>	<830	<830
4,6-Dinitro-2-methylphenol	<10000	<830	<830
N-Nitrosodiphenylamine	<4000	<330	<330
4-Bromophenyl-phenylether	<4000	<330	<330
Hexachlorobenzene	<4000	<330	<330
Pentachlorophenol	<10000	<830	<830
Phenanthrene	40000 <i>VS</i>	<330	<330
Anthracene	24000 <i>VS</i>	<330	<330
Carbazole	<4000 <i>VS</i>	<330	<330
Di-n-butylphthalate	<4000 <i>VS</i>	<330	<330
Fluoranthene	44000 <i>VS</i>	<330	<330
Pyrene	66000 <i>VS</i>	<330	<330
Butylbenzylphthalate	<4000 <i>VS</i>	<330	<330
3,3'-Dichlorobenzidine	<4000 <i>VS</i>	<330	<330
Benzo(a)anthracene	29000 <i>VS</i>	<330	<330
Chrysene	26000 <i>VS</i>	<330	<330
bis(2-Ethylhexyl)phthalate	<4000 <i>VS</i>	<330	<330
Di-n-octylphthalate	<4000 <i>VS</i>	<330	<330
Benzo(b)fluoranthene	15000 <i>VS</i>	<330	<330
Benzo(k)fluoranthene	16000	<330	<330
Benzo(a)pyrene	24000	<330	<330
Indeno(1,2,3-cd)pyrene	7200	<330	<330
Dibenzo(a,h)anthracene	<4000 <i>VS</i>	<330	<330
Benzo(g,h,i)perylene	8100 <i>VS</i>	<330	<330
Percent Moisture (%)	17	NA	NA
Dilution Factor	10	1	1
Analysis Date	11/15/94	11/13/94	11/15/94

ug - microgram
mg - milligram
kg - kilogram
> - Greater than

NR - Not Requested
NS - Not Specified
L - Liter
< - Less than

Approved by : PS
Date : 15-NOV-94
QC by : J. [Signature]
Date : 11/15/94

Footnotes:

VS values are all qualified as estimates
due to holding time being in excess





SEMIVOLATILE ANALYTICAL REPORT

Client : New York State Electric & Gas
Account # : 11163
Site : Plattsburgh Saranac St.

Date Received : 25-OCT-94 Matrix : Soil
Date Sampled : 22-OCT-94 - 23-OCT-94 Method : SW846/3550/8270
Date Extracted: 28-OCT-94 - 14-NOV-94 Units : UG/KG

Galson ID: Q-2053GPC Q-2097GPC
Client ID: GPC BLANK GPC BLANK

Phenol	<330	<330
bis(2-Chloroethyl)ether	<330	<330
2-Chlorophenol	<330	<330
1,3-Dichlorobenzene	<330	<330
1,4-Dichlorobenzene	<330	<330
Benzyl Alcohol	<330	<330
1,2-Dichlorobenzene	<330	<330
2-Methylphenol	<330	<330
2,2'-oxybis(1-Chloropropane)	<330	<330
4-Methylphenol	<330	<330
N-Nitroso-di-n-propylamine	<330	<330
Hexachloroethane	<330	<330
Nitrobenzene	<330	<330
Isophorone	<330	<330
2-Nitrophenol	<330	<330
2,4-Dimethylphenol	<330	<330
Benzoic Acid	<830	<830
bis(2-Chloroethoxy)methane	<330	<330
2,4-Dichlorophenol	<330	<330
1,2,4-Trichlorobenzene	<330	<330
Naphthalene	<330	<330
4-Chloroaniline	<330	<330
Hexachlorobutadiene	<330	<330
4-Chloro-3-methylphenol	<330	<330
2-Methylnaphthalene	<330	<330
Hexachlorocyclopentadiene	<330	<330
2,4,6-Trichlorophenol	<330	<330
2,4,5-Trichlorophenol	<830	<830
2-Chloronaphthalene	<330	<330
2-Nitroaniline	<830	<830
Dimethylphthalate	<330	<330
Acenaphthylene	<330	<330
2,6-Dinitrotoluene	<330	<330
3-Nitroaniline	<830	<830
Acenaphthene	<330	<330

ug - microgram NR - Not Requested
mg - milligram NS - Not Specified
kg - kilogram L - Liter
> - Greater than < - Less than

Approved by : PS
Date : 15-NOV-94
QC by : JMC
Date : 11/15/94

Footnotes:





SEMIVOLATILE ANALYTICAL REPORT

Client : New York State Electric & Gas
Account # : 11163
Site : Plattsburgh Saranac St.

Date Received : 25-OCT-94 Matrix : Soil
Date Sampled : 22-OCT-94 - 23-OCT-94 Method : SW846/3550/8270
Date Extracted: 28-OCT-94 - 14-NOV-94 Units : UG/KG

Galson ID: Q-2053GPC Q-2097GPC
Client ID: GPC BLANK GPC BLANK

2,4-Dinitrophenol	<830	<830
4-Nitrophenol	<830	<830
Dibenzofuran	<330	<330
2,4-Dinitrotoluene	<330	<330
Diethylphthalate	<330	<330
4-Chlorophenyl-phenylether	<330	<330
Fluorene	<330	<330
4-Nitroaniline	<830	<830
4,6-Dinitro-2-methylphenol	<830	<830
N-Nitrosodiphenylamine	<330	<330
4-Bromophenyl-phenylether	<330	<330
Hexachlorobenzene	<330	<330
Pentachlorophenol	<830	<830
Phenanthrene	<330	<330
Anthracene	<330	<330
Carbazole	<330	<330
Di-n-butylphthalate	<330	<330
Fluoranthene	<330	<330
Pyrene	<330	<330
Butylbenzylphthalate	<330	<330
3,3'-Dichlorobenzidine	<330	<330
Benzo(a)anthracene	<330	<330
Chrysene	<330	<330
bis(2-Ethylhexyl)phthalate	<330	<330
Di-n-octylphthalate	<330	<330
Benzo(b)fluoranthene	<330	<330
Benzo(k)fluoranthene	<330	<330
Benzo(a)pyrene	<330	<330
Indeno(1,2,3-cd)pyrene	<330	<330
Dibenzo(a,h)anthracene	<330	<330
Benzo(g,h,i)perylene	<330	<330

Percent Moisture (%)	NA	NA
Dilution Factor	1	1
Analysis Date	11/13/94	11/15/94

ug - microgram	NR - Not Requested
mg - milligram	NS - Not Specified
kg - kilogram	L - Liter
> - Greater than	< - Less than

Approved by : RS
Date : 15-NOV-94
QC by : *[Signature]*
Date : 11/15/94

Footnotes:



Level: (low/med) LOW





SEMIVOLATILE ANALYTICAL REPORT

Client : New York State Electric & Gas
Account # : 11163
Site : Plattsburgh Saranac St.

Date Received : 25-OCT-94 Matrix : Water
Date Sampled : 22-OCT-94 - 23-OCT-94 Method : SW846/3520/8270
Date Extracted: 27-OCT-94 Units : UG/L

Galson ID: L20574-10 L20574-11 L20574-12
Client ID: PLSXSSXX01 PLSXSSXX02 PLSXSSXX03

Phenol	<10	<10 UJ'	<10 UJ'
bis(2-Chloroethyl)ether	<10	<10 UJ'	<10
2-Chlorophenol	<10	<10 UJ'	<10 UJ'
1,3-Dichlorobenzene	<10	<10	<10
1,4-Dichlorobenzene	<10	<10	<10
Benzyl Alcohol	<10	<10	<10
1,2-Dichlorobenzene	<10	<10	<10
2-Methylphenol	<10	<10 UJ'	<10 UJ'
2,2'-oxybis(1-Chloropropane)	<10	<10	<10
4-Methylphenol	<10	<10 UJ'	<10 UJ'
N-Nitroso-di-n-propylamine	<10	<10	<10
Hexachloroethane	<10	<10	<10
Nitrobenzene	<10	<10	<10
Isophorone	<10	<10	<10
2-Nitrophenol	<10	<10 UJ'	<10 UJ'
2,4-Dimethylphenol	<10	<10 UJ'	<10 UJ'
Benzoic Acid	<26	<24 UJ'	<24 UJ'
bis(2-Chloroethoxy)methane	<10	<10	<10
2,4-Dichlorophenol	<10	<10 UJ'	<10 UJ'
1,2,4-Trichlorobenzene	<10	<10	<10
Naphthalene	<10	<10	<10
4-Chloroaniline	<10	<10	<10
Hexachlorobutadiene	<10	<10	<10
4-Chloro-3-methylphenol	<10	<10 UJ'	<10 UJ'
2-Methylnaphthalene	<10	<10	<10
Hexachlorocyclopentadiene	<10	<10	<10
2,4,6-Trichlorophenol	<10	<10 UJ'	<10 UJ'
2,4,5-Trichlorophenol	<26	<24 UJ'	<24 UJ'
2-Chloronaphthalene	<10	<10	<10
2-Nitroaniline	<26	<24	<24
Dimethylphthalate	<10	<10	<10
Acenaphthylene	<10	<10	<10
2,6-Dinitrotoluene	<10	<10	<10
3-Nitroaniline	<26	<24	<24
Acenaphthene	<10	<10	<10

ug - microgram
mg - milligram
kg - kilogram
> - Greater than

NR - Not Requested
NS - Not Specified
L - Liter
< - Less than

Approved by : PS

Date : 15-NOV-94

QC by : J. M. H.

Date : 11/15/94

Footnotes:

UJ' - Qual. field as an estimate, high surrogate recovery.





SEMIVOLATILE ANALYTICAL REPORT

Client : New York State Electric & Gas
Account # : 11163
Site : Plattsburgh Saranac St.

Date Received : 25-OCT-94 Matrix : Water
Date Sampled : 22-OCT-94 - 23-OCT-94 Method : SW846/3520/8270
Date Extracted : 27-OCT-94 Units : UG/L

Galson ID:	L20574-10	L20574-11	L20574-12
Client ID:	PLSXSSXX01	PLSXSSXX02	PLSXSSXX03

2,4-Dinitrophenol	<26	<24 <i>US'</i>	<24 <i>US'</i>
4-Nitrophenol	<10	<10 <i>US'</i>	<10 <i>US'</i>
Dibenzofuran	<10	<10	<10
2,4-Dinitrotoluene	<10	<10	<10
Diethylphthalate	<10	<10	<10
4-Chlorophenyl-phenylether	<10	<10	<10
Fluorene	<10	<10	<10
4-Nitroaniline	<26	<24	<24
4,6-Dinitro-2-methylphenol	<26	<24 <i>US'</i>	<24 <i>US'</i>
N-Nitrosodiphenylamine	<10	<10	<10
4-Bromophenyl-phenylether	<10	<10	<10
Hexachlorobenzene	<10	<10	<10
Pentachlorophenol	<26	<24 <i>US'</i>	<24 <i>US'</i>
Phenanthrene	<10	<10	<10
Anthracene	<10	<10	<10
Carbazole	<10	<10	<10
Di-n-butylphthalate	<10	<10	<10
Fluoranthene	<10	<10	<10
Pyrene	<10	<10	<10
Butylbenzylphthalate	<10	<10	<10
3,3'-Dichlorobenzidine	<10	<10	<10
Benzo(a)anthracene	<10	<10	<10
Chrysene	<10	<10	<10
bis(2-Ethylhexyl)phthalate	<10	<10	<10
Di-n-octylphthalate	<10	<10	<10
Benzo(b)fluoranthene	<10	<10	<10
Benzo(k)fluoranthene	<10	<10	<10
Benzo(a)pyrene	<10	<10	<10
Indeno(1,2,3-cd)pyrene	<10	<10	<10
Dibenzo(a,h)anthracene	<10	<10	<10
Benzo(g,h,i)perylene	<10	<10	<10

Dilution Factor	1	1	1
Analysis Date	11/13/94	11/13/94	11/13/94

ug - microgram
mg - milligram
kg - kilogram
> - Greater than

NR - Not Requested
NS - Not Specified
L - Liter
< - Less than

Approved by : PS

Date : 15-NOV-94

QC by : *Maia*

Date : 11/15/94

Footnotes:

US' - Qualified as an estimate due to high surrogate recovery.





SEMIVOLATILE ANALYTICAL REPORT

Client : New York State Electric & Gas
Account # : 11163
Site : Plattsburgh Saranac St.

Date Received : 25-OCT-94 Matrix : Water
Date Sampled : 22-OCT-94 - 23-OCT-94 Method : SW846/3520/8270
Date Extracted: 27-OCT-94 Units : UG/L

Galson ID:	L20574-13	L20574-14	L20574-15
Client ID:	PLSXSSXX04	PLSXSSXX05	PLSXSSXX06

Phenol	<11 <i>US'</i>	<10	<10
bis(2-Chloroethyl)ether	<11	<10	<10
2-Chlorophenol	<11 <i>US'</i>	<10	<10
1,3-Dichlorobenzene	<11	<10	<10
1,4-Dichlorobenzene	<11	<10	<10
Benzyl Alcohol	<11	<10	<10
1,2-Dichlorobenzene	<11	<10	<10
2-Methylphenol	<11 <i>US'</i>	<10	<10
2,2'-oxybis(1-Chloropropane)	<11	<10	<10
4-Methylphenol	<11 <i>US'</i>	<10	<10
N-Nitroso-di-n-propylamine	<11	<10	<10
Hexachloroethane	<11	<10	<10
Nitrobenzene	<11	<10	<10
Isophorone	<11	<10	<10
2-Nitrophenol	<11 <i>US'</i>	<10	<10
2,4-Dimethylphenol	<11 <i>US'</i>	<10	<10
Benzoic Acid	<27 <i>US'</i>	<24	<25
bis(2-Chloroethoxy)methane	<11	<10	<10
2,4-Dichlorophenol	<11 <i>US'</i>	<10	<10
1,2,4-Trichlorobenzene	<11	<10	<10
Naphthalene	16	10 <i>U</i>	<10
4-Chloroaniline	<11	<10	<10
Hexachlorobutadiene	<11	<10	<10
4-Chloro-3-methylphenol	<11 <i>US'</i>	<10	<10
2-Methylnaphthalene	<11	<10	<10
Hexachlorocyclopentadiene	<11	<10	<10
2,4,6-Trichlorophenol	<11 <i>US'</i>	<10	<10
2,4,5-Trichlorophenol	<27 <i>US'</i>	<24	<25
2-Chloronaphthalene	<11	<10	<10
2-Nitroaniline	<27	<24	<25
Dimethylphthalate	<11	<10	<10
Acenaphthylene	<11	<10	<10
2,6-Dinitrotoluene	<11	<10	<10
3-Nitroaniline	<27	<24	<25
Acenaphthene	<11	<10	<10

ug - microgram
mg - milligram
kg - kilogram
> - Greater than

NR - Not Requested
NS - Not Specified
L - Liter
< - Less than

Approved by : *RS*

Date : 15-NOV-94

QC by : *JP*

Date : 11/15/94

Footnotes:

U - Estimate, difference from duplicate

US' - Qualified as an estimate, high surrogate recovery





SEMIVOLATILE ANALYTICAL REPORT

Client : New York State Electric & Gas
Account # : 11163
Site : Plattsburgh Saranac St.

Date Received : 25-OCT-94 Matrix : Water
Date Sampled : 22-OCT-94 - 23-OCT-94 Method : SW846/3520/8270
Date Extracted: 27-OCT-94 Units : UG/L

Galson ID: L20574-13 L20574-14 L20574-15
Client ID: PLSXSSXX04 PLSXSSXX05 PLSXSSXX06

2,4-Dinitrophenol	<27 <i>UJ</i>	<24	<25
4-Nitrophenol	<11 <i>UJ</i>	<10	<10
Dibenzofuran	<11	<10	<10
2,4-Dinitrotoluene	<11	<10	<10
Diethylphthalate	<11	<10 <i>UJ</i>	<10
4-Chlorophenyl-phenylether	<11	<10	<10
Fluorene	<11	<10	<10
4-Nitroaniline	<27	<24	<25
4,6-Dinitro-2-methylphenol	<27 <i>UJ</i>	<24	<25
N-Nitrosodiphenylamine	<11	<10	<10
4-Bromophenyl-phenylether	<11	<10	<10
Hexachlorobenzene	<11	<10	<10
Pentachlorophenol	<27 <i>UJ</i>	<24	<25
Phenanthrene	<11	<10	<10
Anthracene	<11	<10	<10
Carbazole	<11	<10	<10
Di-n-butylphthalate	<11	<10	<10
Fluoranthene	<11	<10	<10
Pyrene	<11	<10	<10
Butylbenzylphthalate	<11	<10	<10
3,3'-Dichlorobenzidine	<11	<10	<10
Benzo(a)anthracene	<11	<10	<10
Chrysene	<11	<10	<10
bis(2-Ethylhexyl)phthalate	<11	<10	<10
Di-n-octylphthalate	<11	<10	<10
Benzo(b)fluoranthene	<11	<10	<10
Benzo(k)fluoranthene	<11	<10	<10
Benzo(a)pyrene	<11	<10	<10
Indeno(1,2,3-cd)pyrene	<11	<10	<10
Dibenzo(a,h)anthracene	<11	<10	<10
Benzo(g,h,i)perylene	<11	<10	<10

Dilution Factor 1 1 1
Analysis Date 11/13/94 11/13/94 11/13/94

ug - microgram NR - Not Requested
mg - milligram NS - Not Specified
kg - kilogram L - Liter
> - Greater than < - Less than

Approved by : PS
Date : 15-NOV-94
QC by : *M. J. S.*
Date : 11/15/94

Footnotes:

UJ - Estimate due to difference from duplicate
UJ - Estimate due to high surrogate recovery.





SEMIVOLATILE ANALYTICAL REPORT

Client : New York State Electric & Gas
Account # : 11163
Site : Plattsburgh Saranac St.

Date Received : 25-OCT-94 Matrix : Water
Date Sampled : 22-OCT-94 - 23-OCT-94 Method : SW846/3520/8270
Date Extracted: 27-OCT-94 Units : UG/L

Galson ID: L20574-16 L20574-17 L20574-18
Client ID: PLSXSSXX07 PLSXSSXX08 PLSXSSDU01

Phenol	<10	<10	<10 <i>US</i>
bis(2-Chloroethyl)ether	<10	<10	<10
2-Chlorophenol	<10	<10	<10 <i>US</i>
1,3-Dichlorobenzene	<10	<10	<10
1,4-Dichlorobenzene	<10	<10	<10
Benzyl Alcohol	<10	<10	<10
1,2-Dichlorobenzene	<10	<10	<10
2-Methylphenol	<10	<10	<10 <i>US</i>
2,2'-oxybis(1-Chloropropane)	<10	<10	<10
4-Methylphenol	<10	<10	<10 <i>US</i>
N-Nitroso-di-n-propylamine	<10	<10	<10
Hexachloroethane	<10	<10	<10
Nitrobenzene	<10	<10	<10
Isophorone	<10	<10	<10
2-Nitrophenol	<10	<10	<10 <i>US</i>
2,4-Dimethylphenol	<10	<10	<10 <i>US</i>
Benzoic Acid	<24	<24	<24 <i>US</i>
bis(2-Chloroethoxy)methane	<10	<10	<10
2,4-Dichlorophenol	<10	<10	<10 <i>US</i>
1,2,4-Trichlorobenzene	<10	<10	<10
Naphthalene	57	23	<10 <i>US</i>
4-Chloroaniline	<10	<10	<10
Hexachlorobutadiene	<10	<10	<10
4-Chloro-3-methylphenol	<10	<10	<10 <i>US</i>
2-Methylnaphthalene	21	<10	<10
Hexachlorocyclopentadiene	<10	<10	<10
2,4,6-Trichlorophenol	<10	<10	<10 <i>US</i>
2,4,5-Trichlorophenol	<24	<24	<24 <i>US</i>
2-Chloronaphthalene	<10	<10	<10
2-Nitroaniline	<24	<24	<24
Dimethylphthalate	<10	<10	<10
Acenaphthylene	<10	<10	<10
2,6-Dinitrotoluene	<10	<10	<10
3-Nitroaniline	<24	<24	<24
Acenaphthene	<10	<10	<10

ug - microgram
mg - milligram
kg - kilogram
> - Greater than

NR - Not Requested
NS - Not Specified
L - Liter
< - Less than

Approved by : PS
Date : 15-NOV-94
QC by : *J. M. H.*
Date : 11/15/94

Footnotes:

US - Qualified as estimate, duplicate values were off.
US - Qualified as an estimate, high surrogate recovery.





SEMIVOLATILE ANALYTICAL REPORT

Client : New York State Electric & Gas
Account # : 11163
Site : Plattsburgh Saranac St.

Date Received : 25-OCT-94 Matrix : Water
Date Sampled : 22-OCT-94 - 23-OCT-94 Method : SW846/3520/8270
Date Extracted : 27-OCT-94 Units : UG/L

Galson ID:	L20574-16	L20574-17	L20574-18
Client ID:	PLSXSSXX07	PLSXSSXX08	PLSXSSDU01
2,4-Dinitrophenol	<24	<24	<24 US'
4-Nitrophenol	<10	<10	<10 US'
Dibenzofuran	<10	<10	<10
2,4-Dinitrotoluene	<10	<10	<10
Diethylphthalate	<10	<10	130
4-Chlorophenyl-phenylether	<10	<10	<10
Fluorene	<10	<10	<10
4-Nitroaniline	<24	<24	<24
4,6-Dinitro-2-methylphenol	<24	<24	<24 US'
N-Nitrosodiphenylamine	<10	<10	<10
4-Bromophenyl-phenylether	<10	<10	<10
Hexachlorobenzene	<10	<10	<10
Pentachlorophenol	<24	<24	<24 US'
Phenanthrene	<10	<10	<10
Anthracene	<10	<10	<10
Carbazole	<10	<10	<10
Di-n-butylphthalate	<10	<10	<10
Fluoranthene	<10	<10	<10
Pyrene	<10	<10	<10
Butylbenzylphthalate	<10	<10	<10
3,3'-Dichlorobenzidine	<10	<10	<10
Benzo(a)anthracene	<10	<10	<10
Chrysene	<10	<10	<10
bis(2-Ethylhexyl)phthalate	29	<10	<10
Di-n-octylphthalate	<10	<10	<10
Benzo(b)fluoranthene	<10	<10	<10
Benzo(k)fluoranthene	<10	<10	<10
Benzo(a)pyrene	<10	<10	<10
Indeno(1,2,3-cd)pyrene	<10	<10	<10
Dibenzo(a,h)anthracene	<10	<10	<10
Benzo(g,h,i)perylene	<10	<10	<10
Dilution Factor	1	1	1
Analysis Date	11/13/94	11/13/94	11/13/94

ug - microgram
mg - milligram
kg - kilogram
> - Greater than

NR - Not Requested
NS - Not Specified
L - Liter
< - Less than

Approved by : PS
Date : 15 NOV-94
QC by : *[Signature]*
Date : 11/15/94

Footnotes:

US' - Estimate due to difference from duplicate
US' - Estimate due to high surrogate recovery





SEMIVOLATILE ANALYTICAL REPORT

Client : New York State Electric & Gas
Account # : 11163
Site : Plattsburgh Saranac St.

Date Received : 25-OCT-94 Matrix : Water
Date Sampled : 22-OCT-94 - 23-OCT-94 Method : SW846/3520/8270
Date Extracted : 27-OCT-94 Units : UG/L

Galson ID: L20574-19 Q-2049
Client ID: PLXXXXRB01 Method Blank

Phenol	<10 <i>US'</i>	<10
bis(2-Chloroethyl)ether	<10	<10
2-Chlorophenol	<10 <i>US'</i>	<10
1,3-Dichlorobenzene	<10	<10
1,4-Dichlorobenzene	<10	<10
Benzyl Alcohol	<10	<10
1,2-Dichlorobenzene	<10	<10
2-Methylphenol	<10 <i>US'</i>	<10
2,2'-oxybis(1-Chloropropane)	<10	<10
4-Methylphenol	<10 <i>US'</i>	<10
N-Nitroso-di-n-propylamine	<10	<10
Hexachloroethane	<10	<10
Nitrobenzene	<10	<10
Isophorone	<10	<10
2-Nitrophenol	<10 <i>US'</i>	<10
2,4-Dimethylphenol	<10 <i>US'</i>	<10
Benzoic Acid	<24 <i>US'</i>	<25
bis(2-Chloroethoxy)methane	<10	<10
2,4-Dichlorophenol	<10 <i>US'</i>	<10
1,2,4-Trichlorobenzene	<10	<10
Naphthalene	<10	<10
4-Chloroaniline	<10	<10
Hexachlorobutadiene	<10	<10
4-Chloro-3-methylphenol	<10 <i>US'</i>	<10
2-Methylnaphthalene	<10	<10
Hexachlorocyclopentadiene	<10	<10
2,4,6-Trichlorophenol	<10 <i>US'</i>	<10
2,4,5-Trichlorophenol	<24 <i>US'</i>	<25
2-Chloronaphthalene	<10	<10
2-Nitroaniline	<24	<25
Dimethylphthalate	<10	<10
Acenaphthylene	<10	<10
2,6-Dinitrotoluene	<10	<10
3-Nitroaniline	<24	<25
Acenaphthene	<10	<10

ug - microgram
mg - milligram
kg - kilogram
> - Greater than

NR - Not Requested
NS - Not Specified
L - Liter
< - Less than

Approved by : *RS*
Date : 15-NOV-94
QC by : *Ma*
Date : 11/15/94

Footnotes:

US' - Concentration is an estimate; high surrogate is only





SEMIVOLATILE ANALYTICAL REPORT

Client : New York State Electric & Gas
Account # : 11163
Site : Plattsburgh Saranac St.

Date Received : 25-OCT-94 Matrix : Water
Date Sampled : 22-OCT-94 - 23-OCT-94 Method : SW846/3520/8270
Date Extracted: 27-OCT-94 Units : UG/L

Galson ID: L20574-19 Q-2049
Client ID: PLXXXXRB01 Method Blank

2,4-Dinitrophenol	<24 ^{ug}	<25
4-Nitrophenol	<10 ^{ug}	<10
Dibenzofuran	<10	<10
2,4-Dinitrotoluene	<10	<10
Diethylphthalate	<10	<10
4-Chlorophenyl-phenylether	<10	<10
Fluorene	<10	<10
4-Nitroaniline	<24	<25
4,6-Dinitro-2-methylphenol	<24 ^{ug}	<25
N-Nitrosodiphenylamine	<10	<10
4-Bromophenyl-phenylether	<10	<10
Hexachlorobenzene	<10	<10
Pentachlorophenol	<24 ^{ug}	<25
Phenanthrene	<10	<10
Anthracene	<10	<10
Carbazole	<10	<10
Di-n-butylphthalate	<10	<10
Fluoranthene	<10	<10
Pyrene	<10	<10
Butylbenzylphthalate	<10	<10
3,3'-Dichlorobenzidine	<10	<10
Benzo(a)anthracene	<10	<10
Chrysene	<10	<10
bis(2-Ethylhexyl)phthalate	<10	<10
Di-n-octylphthalate	<10	<10
Benzo(b)fluoranthene	<10	<10
Benzo(k)fluoranthene	<10	<10
Benzo(a)pyrene	<10	<10
Indeno(1,2,3-cd)pyrene	<10	<10
Dibenzo(a,h)anthracene	<10	<10
Benzo(g,h,i)perylene	<10	<10

Dilution Factor 1 1
Analysis Date 11/13/94 11/13/94

ug - microgram NR - Not Requested
mg - milligram NS - Not Specified
kg - kilogram L - Liter
> - Greater than < - Less than

Approved by: PS
Date: 15-NOV-94

QC by: J. P. G.
Date: 11/15/94

Footnotes:

25' - Analyzed as an estimate due to high surrogate recoveries

WATER SEMIVOLATILE SURROGATE RECOVERY

Client : New York State Electric & Gas

Login # : L20574

[illegible]

S1 (NBZ) = Nitrobenzene-d5
S2 (FBP) = 2-Fluorobiphenyl
S3 (TPH) = Terphenyl-d14
S4 (PHL) = Phenol-d6
S5 (2FP) = 2-Fluorophenol
S6 (TBP) = 2,4,6-Tribromophenol
S7 (2CP) = 2-Chlorophenol-d4
S8 (DCB) = 1,2-Dichlorobenzene-d4

QC LIMITS

(57-108)

(57-106)

(26-104)

(53-106)

(63- 99)

(42-126)

(62-101)

(51- 95)

(advisory)

(advisory)

```
# Column to be used to flag recovery values
```

* Values outside of QC limits

D Surrogate diluted out



METALS ANALYTICAL REPORT

Client : New York State Electric & Gas
Account # : 11163
Site : Plattsburgh Saranac St.

Date Received : 25-OCT-94 Matrix : Soil
Date Sampled : 22-OCT-94 - 23-OCT-94 Method : SW846 6010/7471

Galson ID: L20574-1 L20574-2 L20574-3
Client ID: PLTXSSXX01 PLTXSSXX02 PLTXSSXX03

	Units			
Antimony	mg/kg	<2.1	<2.0	<1.8
Arsenic	mg/kg	2.3	3.1	1.3
Cadmium	mg/kg	<0.7	<0.7	<0.6
Chromium	mg/kg	7.4	9.8	10
Copper	mg/kg	7.7	26	12
Iron	mg/kg	12000	23000	8200
Lead	mg/kg	9.2	35	28
Manganese	mg/kg	460	160	160
Mercury	mg/kg	<0.14	<0.1	<0.1
Nickel	mg/kg	7.1	9.8	<5
Silver	mg/kg	<1	<1	<1
Zinc	mg/kg	30	48	39

ug - microgram
mg - milligram
kg - kilogram
> - Greater than

NR - Not Requested
NS - Not Specified
L - Liter
< - Less than

Approved by :Karen S. Becker
Date :15-NOV-94
QC by : *[Signature]*
Date : 11/15/94

Footnotes:

All samples for arsenic and antimony were analyzed by OBG Laboratories.
Sample PLTXSSXX01 for lead was analyzed by OBG Laboratories.





METALS ANALYTICAL REPORT

Client : New York State Electric & Gas
Account # : 11163
Site : Plattsburgh Saranac St.

Date Received : 25-OCT-94 Matrix : Soil
Date Sampled : 22-OCT-94 - 23-OCT-94 Method : SW846 6010/7471

Galson ID: L20574-4 L20574-5 L20574-6
Client ID: PLTXSSXX04 PLTXSSXX05 PLTXSSXX06

	Units			
Antimony	mg/kg	<1.9	<1.8	<2.0
Arsenic	mg/kg	<1.3	1.8	1.8
Cadmium	mg/kg	<0.6	<0.6	<0.7
Chromium	mg/kg	4.0	4.8	4.1
Copper	mg/kg	11	8.5	6.6
Iron	mg/kg	7800	14000	9700
Lead	mg/kg	22	17	21
Manganese	mg/kg	120	150 J	110
Mercury	mg/kg	<0.13	<0.12	<0.13
Nickel	mg/kg	<5	<5 4.5	<5 4.5
Silver	mg/kg	<1	<1 2	<1
Zinc	mg/kg	25	36	35

ug - microgram
mg - milligram
kg - kilogram
> - Greater than

NR - Not Requested
NS - Not Specified
L - Liter
< - Less than

Approved by : Karen S. Becker
Date : 15-NOV-94
QC by : *Jmt*
Date : 11/15/94

Footnotes:

All samples for arsenic and antimony were analyzed by OBG Laboratories.
Sample PLTXSSXX01 for lead was analyzed by OBG Laboratories.

JS R - Value questionable, estimate, due to difference with duplicate sample.
J - " " as an estimate due to difference with the duplicate





METALS ANALYTICAL REPORT

Client : New York State Electric & Gas
Account # : 11163
Site : Plattsburgh Saranac St.

Date Received : 25-OCT-94 Matrix : Soil
Date Sampled : 22-OCT-94 - 23-OCT-94 Method : SW846 6010/7471

Galson ID: L20574-7 L20574-8 L20574-9
Client ID: PLTXSSXX07 PLTXSSXX08 PLTXSSDU01

Units

Antimony	mg/kg	<1.8	<2.1	<1.7
Arsenic	mg/kg	1.3	<1.4	1.7
Cadmium	mg/kg	<0.6	<0.7	<0.6
Chromium	mg/kg	3.5	4.5	5.3
Copper	mg/kg	5.3	6.3	9.5
Iron	mg/kg	8200	4700	14000
Lead	mg/kg	19	23	15
Manganese	mg/kg	140	51	240 J
Mercury	mg/kg	<0.12	<0.13	<0.11
Nickel	mg/kg	<5	<6	5.0 J
Silver	mg/kg	<1	<1	<1
	mg/kg	30	25	43

ug - microgram
mg - milligram
kg - kilogram
> - Greater than

NR - Not Requested
NS - Not Specified
L - Liter
< - Less than

Approved by : Karen S. Becker
Date : 15-NOV-94
QC by : JMB
Date : 11/15/94

Footnotes:

All samples for arsenic and antimony were analyzed by OBG Laboratories.
Sample PLTXSSXX01 for lead was analyzed by OBG Laboratories.

J- Qualifier as an estimate due to difference with duplicate.





METALS ANALYTICAL REPORT

Client : New York State Electric & Gas
Account # : 11163
Site : Plattsburgh Saranac St.

Date Received : 25-OCT-94 Matrix : Soil
Date Sampled : 22-OCT-94 - 23-OCT-94 Method : SW846 6010/7471

Galson ID: QM941104-1
Client ID: BLANK

Units

Antimony	mg/kg	<1.5
Arsenic	mg/kg	<1
Cadmium	mg/kg	<0.5
Chromium	mg/kg	<1
Copper	mg/kg	<2
Iron	mg/kg	<10
Lead	mg/kg	<10
Manganese	mg/kg	<1
Mercury	mg/kg	<0.1
Nickel	mg/kg	<4
Silver	mg/kg	<1
Zinc	mg/kg	<2

ug - microgram	NR - Not Requested
mg - milligram	NS - Not Specified
kg - kilogram	L - Liter
> - Greater than	< - Less than

Approved by : Karen S. Becker
Date : 15-NOV-94
QC by : *[Signature]*
Date : 11/15/94

Footnotes:

All samples for arsenic and antimony were analyzed by OBG Laboratories.
Sample PLTXSSXX01 for lead was analyzed by OBG Laboratories.





METALS ANALYTICAL REPORT

Client : New York State Electric & Gas
Account # : 11163
Site : Plattsburgh Saranac St.

Date Received : 25-OCT-94 Matrix : Water
Date Sampled : 22-OCT-94 - 23-OCT-94 Method : SW846 6010/7470

Galson ID: L20574-10 L20574-11 L20574-12
Client ID: PLSXSSXX01 PLSXSSXX02 PLSXSSXX03

Units

ium, dissolved	mg/l	<0.005	<0.005	<0.005
mium, dissolved	mg/l	<0.01	<0.01	<0.01
opper, dissolved	mg/l	<0.02	<0.02	<0.02
, dissolved	mg/l	0.18	0.51	0.22
, dissolved	mg/l	<0.003	<0.003	<0.003
, dissolved	mg/l	<0.02	<0.02	<0.02
rsenic, dissolved	mg/l	<0.01	<0.01	<0.01
mony, dissolved	mg/l	<0.015	<0.015	<0.015
er, dissolved	mg/l	<0.01	<0.01	<0.01
ganese, dissolved	mg/l	0.058	0.54	0.018
ickel, dissolved	mg/l	<0.04	<0.04	<0.04
ury, dissolved	mg/l	<0.0002	<0.0002	<0.0002

ug - microgram NR - Not Requested
mg - milligram NS - Not Specified
kg - kilogram L - Liter
> - Greater than < - Less than

Approved by : Karen S. Becker

Date : 15-NOV-94

QC by : *[Signature]*

Date : 11/15/94

Footnotes:

All samples for arsenic, antimony, and lead were analyzed by OBG Laboratories.





METALS ANALYTICAL REPORT

Client : New York State Electric & Gas
Account # : 11163
Site : Plattsburgh Saranac St.

Date Received : 25-OCT-94 Matrix : Water
Date Sampled : 22-OCT-94 - 23-OCT-94 Method : SW846 6010/7470

Galson ID: L20574-13 L20574-14 L20574-15
Client ID: PLSXSSXX04 PLSXSSXX05 PLSXSSXX06

Units

Barium, dissolved	mg/l	<0.005	<0.005	<0.005
Bismuth, dissolved	mg/l	<0.01	<0.01	<0.01
Copper, dissolved	mg/l	<0.02	<0.02	<0.02
Chromium, dissolved	mg/l	0.25	0.23	3.0
Lead, dissolved	mg/l	<0.003	<0.003	<0.003
Zinc, dissolved	mg/l	<0.02	<0.02	0.022
Arsenic, dissolved	mg/l	<0.01	<0.01	<0.01
Antimony, dissolved	mg/l	<0.015	<0.015	<0.015
Silver, dissolved	mg/l	<0.01	<0.01	<0.01
Manganese, dissolved	mg/l	0.064	0.066 J	1.7
Nickel, dissolved	mg/l	<0.04	<0.04	<0.04
Mercury, dissolved	mg/l	<0.0002	<0.0002	<0.0002

ug - microgram
mg - milligram
kg - kilogram
> - Greater than

NR - Not Requested
NS - Not Specified
L - Liter
< - Less than

Approved by : Karen S. Becker
Date : 15-NOV-94
QC by : J. Kots
Date : 11/15/94

Footnotes:

All samples for arsenic, antimony, and lead were analyzed by OBG Laboratories.

J - Outlined area indicates due to differences in duplicate analyses.





METALS ANALYTICAL REPORT

Client : New York State Electric & Gas
Account # : 11163
Site : Plattsburgh Saranac St.

Date Received : 25-OCT-94 Matrix : Water
Date Sampled : 22-OCT-94 - 23-OCT-94 Method : SW846 6010/7470

Galson ID: L20574-16 L20574-17 L20574-18
Client ID: PLSXSSXX07 PLSXSSXX08 PLSXSSDU01

	Units			
Aluminum, dissolved	mg/l	<0.005	<0.005	<0.005
Antimony, dissolved	mg/l	<0.01	<0.01	<0.01
Copper, dissolved	mg/l	<0.02	<0.02	<0.02
Lead, dissolved	mg/l	0.18	6.3	0.23
Nickel, dissolved	mg/l	<0.003	<0.003	<0.003
Chromium, dissolved	mg/l	<0.02	<0.02	<0.02
Arsenic, dissolved	mg/l	<0.01	<0.01	<0.01
Antimony, dissolved	mg/l	<0.015	<0.015	<0.015
Mercury, dissolved	mg/l	<0.01	<0.01	<0.01
Manganese, dissolved	mg/l	0.098	0.68	0.046
Nickel, dissolved	mg/l	<0.04	<0.04	<0.04
Mercury, dissolved	mg/l	<0.0002	<0.0002	<0.0002

ug - microgram NR - Not Requested
mg - milligram NS - Not Specified
kg - kilogram L - Liter
> - Greater than < - Less than

Approved by : Karen S. Becker

Date : 15-NOV-94

QC by : J. J. J.

Date : 11/15/94

Footnotes:

All samples for arsenic, antimony, and lead were analyzed by OBG Laboratories.





METALS ANALYTICAL REPORT

Client : New York State Electric & Gas
Account # : 11163
Site : Plattsburgh Saranac St.

Date Received : 25-OCT-94 Matrix : Water
Date Sampled : 22-OCT-94 - 23-OCT-94 Method : SW846 6010/7470

Galson ID: L20574-19
Client ID: PLXXXXRB01

Units

Aluminum, dissolved	mg/l	<0.005
Chromium, dissolved	mg/l	<0.01
Copper, dissolved	mg/l	<0.02
Iron, dissolved	mg/l	<0.1
Lead, dissolved	mg/l	<0.003
Manganese, dissolved	mg/l	<0.02
Arsenic, dissolved	mg/l	<0.01
Antimony, dissolved	mg/l	<0.015
Cadmium, dissolved	mg/l	<0.01
Manganese, dissolved	mg/l	<0.01
Nickel, dissolved	mg/l	<0.04
Mercury, dissolved	mg/l	<0.0002

ug - microgram
mg - milligram
kg - kilogram
> - Greater than

NR - Not Requested
NS - Not Specified
L - Liter
< - Less than

Approved by : Karen S. Becker
Date : 15-NOV-94
QC by : *[Signature]*
Date : 11/15/94

Footnotes:

All samples for arsenic, antimony, and lead were analyzed by OBG Laboratories.





Inorganic ANALYTICAL REPORT

Client : New York State Electric & Gas
Account # : 11163
Site : Plattsburgh Saranac St.

Date Received : 25-OCT-94 Matrix : Soil
Date Sampled : 22-OCT-94 - 23-OCT-94

Galson ID: L20574-1 L20574-2 L20574-3
Client ID: PLTXSSXX01 PLTXSSXX02 PLTXSSXX03

	Method	Units			
Total Organic Carbon	Lloyd Kahn	mg/kg	22900	77600	10600
Sulfide	9030A	mg/kg	<156	<158	NR

ug - microgram
mg - milligram
kg - kilogram
> - Greater than
< - Less than

NR - Not Requested
NS - Not Specified
ND - Not Detected
L - Liter

Approved by : L. Mott
Date : 02-DEC-94
QC by : *J. Mott*

Footnotes:

Subcontracted to H2M Labs, Inc.

*Sulfides 10/27/94
To k 11/3/94*





Inorganic ANALYTICAL REPORT

Client : New York State Electric & Gas
Account # : 11163
Site : Plattsburgh Saranac St.

Date Received : 25-OCT-94 Matrix : Soil
Date Sampled : 22-OCT-94 - 23-OCT-94

Galson ID: L20574-4 L20574-5 L20574-6
Client ID: PLTXSSXX04 PLTXSSXX05 PLTXSSXX06

	Method	Units			
Total Organic Carbon	Lloyd Kahn	mg/kg	10500	9800	9800
Sulfide	9030A		NR	NR	NR

ug - microgram	NR - Not Requested	Approved by :L. Mott
mg - milligram	NS - Not Specified	Date : 02-DEC-94
kg - kilogram	ND - Not Detected	QC by : <i>Jmott</i>
> - Greater than	L - Liter	
< - Less than		

Footnotes:

Subcontracted to H2M Labs, Inc.





Inorganic ANALYTICAL REPORT

Client : New York State Electric & Gas
Account # : 11163
Site : Plattsburgh Saranac St.

Date Received : 25-OCT-94 Matrix : Soil
Date Sampled : 22-OCT-94 - 23-OCT-94

Galson ID:
Client ID:

L20574-7
PLTXSSXX07

L20574-8
PLTXSSXX08

L20574-9
PLTXSSDU01

	Method	Units			
al Organic Carbon	Lloyd Kahn	mg/kg	3068	5670	15080
ulfide	9030A		NR	NR	NR

ug - microgram
mg - milligram
kg - kilogram
> - Greater than
< - Less than

NR - Not Requested
NS - Not Specified
ND - Not Detected
L - Liter

Approved by : L. Mott
Date : 02-DEC-94
QC by : *fracta*

Footnotes:

Subcontracted to H2M Labs, Inc.

1000
985
500
1200





Inorganic ANALYTICAL REPORT

Client : New York State Electric & Gas
Account # : 11163
Site : Plattsburgh Saranac St.

Date Received : 25-OCT-94 Matrix : Water
Date Sampled : 22-OCT-94 - 23-OCT-94

Galson ID:	L20574-10	L20574-11	L20574-12
Client ID:	PLSXSSXX01	PLSXSSXX02	PLSXSSXX03

	Method	Units			
Total Organic Carbon	EPA 415.2/9060	mg/L	<0.5	<0.5	<0.5
Sulfide	376.1	mg/L	<1	<1	<1

ug - microgram	NR - Not Requested	Approved by :LM
mg - milligram	NS - Not Specified	Date : 14-NOV-94
kg - kilogram	ND - Not Detected	QC by : <i>met</i>
> - Greater than	L - Liter	
< - Less than		

Footnotes:

Subcontracted to BUCK Environmental Laboratories, Inc.





Inorganic ANALYTICAL REPORT

Client : New York State Electric & Gas
Account # : 11163
Site : Plattsburgh Saranac St.

Date Received : 25-OCT-94 Matrix : Water
Date Sampled : 22-OCT-94 - 23-OCT-94

Galson ID:	L20574-13	L20574-14	L20574-15
Client ID:	PLSXSSXX04	PLSXSSXX05	PLSXSSXX06

	Method	Units			
Total Organic Carbon	EPA 415.2/9060	mg/L	<0.5	<0.5	<0.5
Sulfide	376.1	mg/L	<1	<1	<1

ug - microgram	NR - Not Requested	Approved by :LM
mg - milligram	NS - Not Specified	Date : 14-NOV-94
kg - kilogram	ND - Not Detected	QC by : <i>JMST</i>
> - Greater than	L - Liter	
< - Less than		

Footnotes:

Subcontracted to BUCK Environmental Laboratories, Inc.





Inorganic ANALYTICAL REPORT

Client : New York State Electric & Gas
Account # : 11163
Site : Plattsburgh Saranac St.

Date Received : 25-OCT-94 Matrix : Water
Date Sampled : 22-OCT-94 - 23-OCT-94

Galson ID:	L20574-16	L20574-17	L20574-18
Client ID:	PLSXSSXX07	PLSXSSXX08	PLSXSSDU01

	Method	Units			
al Organic Carbon	EPA 415.2/9060	mg/L	<0.5	<0.5	<0.5
ulfide	376.1	mg/L	<1	<1	<1

ug - microgram	NR - Not Requested	Approved by :LM
mg - milligram	NS - Not Specified	Date : 14-NOV-94
kg - kilogram	ND - Not Detected	QC by : <i>mett</i>
> - Greater than	L - Liter	
< - Less than		

Footnotes:

Subcontracted to BUCK Environmental Laboratories, Inc.





Galson
Laboratories

Inorganic ANALYTICAL REPORT

Client : New York State Electric & Gas
Account # : 11163
Site : Plattsburgh Saranac St.

Date Received : 25-OCT-94 Matrix : Water
Date Sampled : 22-OCT-94 - 23-OCT-94

Galson ID: L20574-19
Client ID: PLXXXXRB01

	Method	Units
Total Organic Carbon	EPA 415.2/9060	mg/L
Sulfide	376.1	mg/L

<0.5
<1

ug - microgram
mg - milligram
kg - kilogram
> - Greater than
< - Less than

NR - Not Requested
NS - Not Specified
ND - Not Detected
L - Liter

Approved by :LM
Date : 14-NOV-94
QC by : *Jmet*

Footnotes:

Subcontracted to BUCK Environmental Laboratories, Inc.





INORGANIC ANALYTICAL REPORT

Client : New York State Electric & Gas
Account # : 11163
Site : Plattsburgh Saranac St.

Date Received : 25-OCT-94 Matrix : Soil
Date Sampled : 22-OCT-94 - 23-OCT-94

Galson ID:
Client ID:

L20574-1
PLTXSSXX01

L20574-2
PLTXSSXX02

L20574-3
PLTXSSXX03

Method

Units

ide, Total

9010

mg/kg

<3.2

<3.2

<3.0

ug - microgram
mg - milligram
kg - kilogram
> - Greater than

NR - Not Requested
NS - Not Specified
L - Liter
< - Less than

Approved by : Mary Withrow
Date : 10-NOV-94
QC by : *fricta*
Date : *11/15/94*

Footnotes:





INORGANIC ANALYTICAL REPORT

Client : New York State Electric & Gas
Account # : 11163
Site : Plattsburgh Saranac St.

Date Received : 25-OCT-94 Matrix : Soil
Date Sampled : 22-OCT-94 - 23-OCT-94

Galson ID:
Client ID:

L20574-4
PLTXSSXX04

L20574-5
PLTXSSXX05

L20574-6
PLTXSSXX06

	Method	Units			
nide, Total	9010	mg/kg	<2.9	<3.0	<3.1

ug - microgram
mg - milligram
kg - kilogram
> - Greater than

NR - Not Requested
NS - Not Specified
L - Liter
< - Less than

Approved by : Mary Withrow
Date : 10-NOV-94
QC by : *met*
Date : 11/15/94

Footnotes:





INORGANIC ANALYTICAL REPORT

Client : New York State Electric & Gas
Account # : 11163
Site : Plattsburgh Saranac St.

Date Received : 25-OCT-94
Date Sampled : 22-OCT-94 - 23-OCT-94
Matrix : Soil

Galson ID:
Client ID:

L20574-7
PLTXSSXX07

L20574-8
PLTXSSXX08

L20574-9
PLTXSSDU01

	Method	Units			
ide, Total	9010	mg/kg	<3.0	<3.5	<2.8

ug - microgram
mg - milligram
kg - kilogram
> - Greater than

NR - Not Requested
NS - Not Specified
L - Liter
< - Less than

Approved by : Mary Withrow
Date : 10-NOV-94

QC by : *met*
Date : 11/5/94

Footnotes:



INORGANIC ANALYTICAL REPORT

Client : New York State Electric & Gas
Account # : 11163
Site : Plattsburgh Saranac St.

Date Received : 25-OCT-94 Matrix : Water
Date Sampled : 22-OCT-94 - 23-OCT-94

Galson ID:
Client ID:

L20574-10
PLSXSSXX01

L20574-11
PLSXSSXX02

L20574-12
PLSXSSXX03

	Method	Units			
Ammonide, total	335.2	mg/L	<0.01	<0.01	<0.01

ug - microgram
mg - milligram
kg - kilogram
> - Greater than

NR - Not Requested
NS - Not Specified
L - Liter
< - Less than

Approved by : Mary Withrow
Date : 10-NOV-94
QC by : *met*
Date : 11/15/94

Footnotes:





INORGANIC ANALYTICAL REPORT

Client : New York State Electric & Gas
Account # : 11163
Site : Plattsburgh Saranac St.

Date Received : 25-OCT-94 Matrix : Water
Date Sampled : 22-OCT-94 - 23-OCT-94

Galson ID:
Client ID:

L20574-13
PLSXSSXX04

L20574-14
PLSXSSXX05

L20574-15
PLSXSSXX06

	Method	Units			
hide, total	335.2	mg/L	<0.01	<0.01	<0.01

ug - microgram
mg - milligram
kg - kilogram
> - Greater than

NR - Not Requested
NS - Not Specified
L - Liter
< - Less than

Approved by : Mary Withrow
Date : 10-NOV-94
QC by : *fract*
Date : *11/15/94*

Footnotes:





INORGANIC ANALYTICAL REPORT

Client : New York State Electric & Gas
Account # : 11163
Site : Plattsburgh Saranac St.

Date Received : 25-OCT-94 Matrix : Water
Date Sampled : 22-OCT-94 - 23-OCT-94

Galson ID:
Client ID:

L20574-16
PLSXSSXX07

L20574-17
PLSXSSXX08

L20574-18
PLSXSSDU01

	Method	Units			
anide, total	335.2	mg/L	<0.01	<0.01	<0.01

ug - microgram
mg - milligram
kg - kilogram
> - Greater than

NR - Not Requested
NS - Not Specified
L - Liter
< - Less than

Approved by : Mary Withrow
Date : 10-NOV-94
QC by : *meek*
Date : 11/15/94

Footnotes:





Galson Laboratories

INORGANIC ANALYTICAL REPORT

Client : New York State Electric & Gas
Account # : 11163
Site : Plattsburgh Saranac St.

Date Received : 25-OCT-94 Matrix : Water
Date Sampled : 22-OCT-94 - 23-OCT-94

Galson ID:
Client ID:

L20574-19
PLXXXXRB01

	Method	Units	
Cyanide, total	335.2	mg/L	<0.01

ug - microgram
mg - milligram
kg - kilogram
> - Greater than

NR - Not Requested
NS - Not Specified
L - Liter
< - Less than

Approved by : Mary Withrow
Date : 10-NOV-94
QC by : *J. Mett*
Date : 11/15/94

Footnotes:

**SEDIMENT CRITERIA
DEVELOPMENT INFORMATION**

Levels of Protection											
Contaminant	LogK _{ow}	Fresh-FW Salt -SW Both -FS	Human Health Bioaccumulation		Benthic Aquatic Life Acute Toxicity		Benthic Aquatic Life Chronic Toxicity		Wildlife Bioaccumulation		
			Water Qual Criteria µg/l	Sediment Criteria µg/gOC	Water Qual Criteria µg/l	Sediment Criteria µg/gOC	Water Qual Criteria µg/l	Sediment Criteria µg/gOC	Water Qual Criteria µg/l	Sediment Criteria µg/gOC	
Benzidine	1.4	FW			0.1	0.003	0.1	0.003			
Bis(2-chloroethyl) ether	1.73	FS	0.5 (P)	0.03							
Bis(2-ethylhexyl) phthalate	5.3	FW					0.6	199.5			
Carbofuran	2.26	FW			10.0	1.82	1.0	0.2			
Carbon tetrachloride	2.64	FS	1.3 (P)	0.6							
Chlordane	2.78	FW SW	0.002 0.002	0.001 0.001	2.4 (E) 0.09 (E)	1.4 0.05	0.043 (E) 0.004 (E)	0.03 0.002	0.01 (P) 0.01 (P)	0.006 0.006	
Chlorobenzene	2.84	FS			50.0	34.6	5.0	3.5			
Chloro-o-toluidine	~2.0	FS	6.5 (P)	0.65							
Chlorpyrifos	5.11	FW SW			0.083 (E) 0.011 (E)	10.7 1.4	0.041 (E) 0.0056 (E)	5.3 0.72			
DDT, DDD, & DDE ¹	6.0	FW SW	0.00001 (P) 0.00001 (P)	0.01 0.01	1.1 (E) 0.13 (E)	1100 130	0.001 (E) 0.001 (E)	1.0 1.0	0.001 0.001	1.0 1.0	
Diazinon	1.92	FW					0.08	0.007			
Dichlorobenzenes	3.38	FS			50.0	120.0	5.0	12.0			
1,2 Dichloroethane	1.48	FS	24.0 (P)	0.7							
1,1 Dichloroethylene	1.48	FS	0.8 (P)	0.02							

¹Criteria for acute and chronic benthic toxicity apply to DDT only.

Table 1. Sediment criteria for non-polar organic contaminants. Water quality criteria used are taken from Togs 1.1.1. If a water quality criterion was not listed in TOGS 1.1.1., then an EPA criterion was used. These are annotated with the suffix (E). EPA criteria were extracted from the "Water Quality Criteria Summary" chart (EPA, 1991). EPA water quality criteria for the protection of human health (bioaccumulation) were taken from the "Recalculated Values - Organisms Only" column. Wildlife (bioaccumulation) protection criteria were derived in Appendix 1, unless TOGS 1.1.1. (bioaccumulation) criteria already existed. Although these criteria are only proposed, they are useful as guidance for estimating potential human health risks. These criteria are annotated with a suffix (P), for "Proposed criteria values".

Levels of Protection											
Contaminant	LogK _{ow}	Fresh-FW Salt -SW Both -FS	Human Health Bioaccumulation		Benthic Aquatic Life Acute Toxicity		Benthic Aquatic Life Chronic Toxicity		Wildlife Bioaccumulation		
			Water Qual Criteria µg/l	Sediment Criteria µg/gOC	Water Qual Criteria µg/l	Sediment Criteria µg/gOC	Water Qual Criteria µg/l	Sediment Criteria µg/gOC	Water Qual Criteria µg/l	Sediment Criteria µg/gOC	
Acenaphthene	4.33	FW SW						140(E) ¹ 240(E) ¹			
Aldrin & Dieldrin	5.0	FS	0.001	0.1					0.0077 (P)	0.77	
Azinphosmethyl	2.4	FW SW					0.005 0.01	0.001 0.003			
Azobenzene	3.82	FS	0.16 (P)	1.0							
Benzene	2.0	FS	6.0	0.6							
Benzo(a)pyrene ²	6.04	FW SW	0.0012 0.0006	1.3 0.7							

¹EPA proposed sediment quality criterion for the protection of benthic organisms.

²These values also apply to benz(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, indeno(1,2,3-cd)pyrene, and methylbenz(a)anthracene.

Levels of Protection											
Contaminant	LogK _{ow}	Fresh-FW Salt -SW Both -FS	Human Health Bioaccumulation		Benthic Aquatic Life Acute Toxicity		Benthic Aquatic Life Chronic Toxicity		Wildlife Bioaccumulation		
			Water Qual Criteria µg/l	Sediment Criteria µg/gOC	Water Qual Criteria µg/l	Sediment Criteria µg/gOC	Water Qual Criteria µg/l	Sediment Criteria µg/gOC	Water Qual Criteria µg/l	Sediment Criteria µg/gOC	
Dieldrin	5.0	FW SW	0.001 0.001	0.1 0.1					9.0 (E) ¹ 17.0 (E)		
Diphenylhydrazine	3.03	FS	0.54 (E)	0.58							
Endosulfan	3.55	FW SW			0.22 0.034	0.78 0.12	0.009 0.001	0.03 0.004			
Endrin	5.6	FW SW	0.002	0.8				4.0 (E) ¹ 0.73 (E) ¹	0.0019 (P)	0.8	
Fluoranthene	5.19	FW SW						1020 (E) ¹ 1340 (E) ¹			
Heptachlor & Heptachlor Epoxide	4.4	FW SW	0.00003 (P) 0.00003 (P)	0.0008 0.0008	0.52 (E) 0.053 (E)	13.1 1.3	0.0038(E) 0.0036(E)	0.1 0.09	0.001	0.03	
Hexachlorobenzene	6.18	FW	0.0001 (P)	0.15	6.0 (E)	9081	3.68 (E)	5570	0.008 (P)	12	
Hexachlorobutadiene	3.74	FW SW	0.06 (P) 0.06 (P)	0.3 0.3	10.0 3.0	55.0 16.4	1.0 0.3	5.5 1.6	0.7 (P) 0.7 (P)	4 4	

¹EPA proposed sediment quality criteria for the protection of benthic organisms.

Levels of Protection											
Contaminant	LogK _{ow}	Fresh-FW Salt -SW Both -FS	Human Health Bioaccumulation		Benthic Aquatic Life Acute Toxicity		Benthic Aquatic Life Chronic Toxicity		Wildlife Bioaccumulation		
			Water Qual Criteria µg/l	Sediment Criteria µg/gOC	Water Qual Criteria µg/l	Sediment Criteria µg/gOC	Water Qual Criteria µg/l	Sediment Criteria µg/gOC	Water Qual Criteria µg/l	Sediment Criteria µg/gOC	
Hexachlorocyclohexanes	3.8	FW SW	0.009 (P) 0.009 (P)	0.06 0.06	2.0 0.16	12.6 1.0	0.01 0.004	0.06 0.03	0.23 (P) 0.23 (P)	1.5 1.5	
Hexachlorocyclopentadiene	3.99	FW SW			4.5 0.7	44.0 6.8	0.45 0.07	4.4 0.7			
Isodecylidiphenyl phosphate	5.4	FW			22	5526	1.7	427			
Linear Alkyl Benzene Sulfonates	3.97	FW					40	373			
Malathion	2.2	FS					0.1	0.02			
Methoxychlor	4.3	FS					0.03	0.6			
Mirex	5.83	FS	0.0001 (P)	0.07			0.001	0.7	0.0055 (P)	3.7	
Octachlorostyrene	≈ 6.0	FS							0.0005 (P)	0.5	
Parathion and Methyl Parathion	2.5	FW			0.065 (E)	0.02	0.008	0.003			
Pentachlorophenol	5.0	FW			1.0	100	0.4	40			
Phenanthrene	4.45	FW SW						120 (E) 160 (E)			
Phenols, total chlorinated	2.75	FW					1.0	0.6			

¹EPA proposed sediment quality criteria for the protection of benthic organisms.

PLATTSBURGH MGP SITE FIELD ACTIVITY METHODS AND PROCEDURES

Drilling and Well Installation Procedures

The drilling subcontractor was North Star Drilling, Inc. which performed the drilling from October 24 to October 27, 1994. Atlantic personnel were on site to monitor the test boring and well-installation activities, document the site's surficial geology, and collect soil samples.

Test borings were advanced with 4.25-inch inner diameter (I.D.) hollow stem augers. Soil samples were obtained in advance of augering by 2-inch I.D., split-spoon samplers in accordance with Standard Penetration Test Protocol. The piezometers were completed with 10 feet of 2-inch Outer Diameter (O.D.) Schedule 40 PVC screen with a 0.010-inch slot width; the screen was installed at least five feet below and generally two feet above the encountered water table. Two-inch O.D. PVC riser pipe was used to complete the well to the surface. The annulus surrounding the screened interval was packed with sand and a one-foot-thick bentonite clay seal, which was installed two feet above the screened interval. The annulus above the bentonite clay seal was backfilled with grout, and a locking, steel-protective sleeve was cemented into place above the well casing. The three installed tar level/recovery wells were constructed in a similar fashion although 0.040-inch slot width, 2 inch O.D., PVC screen was used. The screens were five feet in length.

Soil Screening Methods

Soil samples were generally collected and logged continuously. Specific soil sample intervals collected for physical characterization are as indicated on the boring logs. To prevent cross contamination of the samples between soil-sampling events, the split-spoon samplers were cleaned with nonphosphate detergent and rinsed with distilled water, diluted methanol, and diluted nitric acid between each event. All soil samples were field-screened with a portable organic vapor analyzer (HNu Model with a 10.2 EV lamp) and assessed for visual and olfactory evidence of contamination. All readings and observations were logged in the field notebooks.

Test Pit Excavation and Logging Procedures

All test pits were excavated under the direction of Atlantic personnel on October 21 and 22, 1994. The pits were conducted using a rubber-wheeled backhoe with a reach of approximately 15 feet. Atlantic personnel logged the lithology of the soils encountered at each pit and measured the distance from the surface to each distinct horizon. Soils were screened via visual and olfactory methods for the presence of tar and other impacts. Impacted soils were screened with a portable organic vapor analyzer (HNu model with a 10.2 EV lamp). The location of any unusual debris and/or structural components was also noted. Test pitting activities were ceased when heavily contaminated materials were encountered or when the glacial till was found, whichever occurred first.

***BORING LOGS AND
WELL CONSTRUCTION DETAILS***

PROJECT: Plattsburgh MGP Site

PROJECT NO: 1284-18-02

LOCATION: Saranac Street, Plattsburgh, New York

DATE STARTED: 10-25-94

DATE COMPLETED: 10-25-94

DRILLING CONTRACTOR: Northstar Drilling, Inc.

DRILLER: Joe Ely, Richard Mitchell

DRILLING METHOD: Hollow-Stem Auger

SAMPLING METHOD: 2-Inch Split-Spoon

GROUND ELEVATION:

WEATHER: Clear 45°

INSPECTOR: Martin Brogie

SPLIT SP SAMPLE DEPTH (ft)	BLOWS PER 6"	% RECOVERY	HNU (ppm)	SOIL DESCRIPTION color, density, SOIL, admixture, moisture, other notes, ORIGIN	VISUAL CONTAM.				ODOR			SAMPLE ANALYSIS	LITHOLOGY	DEPTH (FT.)
					NONE	STAIN	SHEEN	HEAVY	NONE	SLIGHT	MODERATE	HEAVY		
0-5	Augered			Augered to 5.0 feet.										0
5-7	5,8 7,7	50	0	Light brown/grey, loose fine to medium SAND, some orange mottles, moist.										5
7-9	6,9 5,14	35	48	Orange brown, medium SAND and GRAVEL, loose, slight tar odor. Black, medium to coarse SAND and GRAVEL, loose, heavy tar odor, visible tar. Augers indicate till at 8.5 feet.										10
9-11	51, 100/3	50	0	Dense, grey, fine, silty SAND and GRAVEL (till).										10
				END OF BORING AT 11.0 FEET.										15

PROJECT: Plattsburgh MGP Site

PROJECT NO: 1284-18-02

LOCATION: Saranac Street, Plattsburgh, New York

DATE STARTED: 10-25-94

DATE COMPLETED: 10-25-94

DRILLING CONTRACTOR: Northstar Drilling, Inc.

DRILLER: Joe Ely, Richard Mitchell

DRILLING METHOD: Hollow-Stem Auger

SAMPLING METHOD: 2-Inch Split-Spoon

GROUND ELEVATION:

WEATHER: Clear, 55°

INSPECTOR: Martin Brogie

SPLIT SPOON SAMPLE DEPTH (ft)	BLOWS PER 6"	% RECOVERY	HNU (ppm)	SOIL DESCRIPTION color, density, SOIL, admixture, moisture, other notes, ORIGIN	VISUAL CONTAM.				ODOR			SAMPLE ANALYSIS	LITHOLOGY	DEPTH (FT.)
					NONE	STAIN	SHEEN	HEAVY	NONE	SLIGHT	MODERATE	HEAVY		
0-2	3,6 9,14	50	.5	Dark brown fine sandy LOAM, with organic matter and gravel, moist.										0
2-4	15,19 23,27	20	2	Orange brown, loose medium SAND and GRAVEL, moist.										
4-6	60/2	20	1.5											5
6-8	28,27 22,17	30	0	Dark brown, loose medium to coarse SAND and GRAVEL, trace silt, trace organic matter, moist to wet.										
8-10	26,19 23,17	80	2.5	Light brown, fine to medium SAND, moist to wet, orange mottling.										10
10-12	18,24 17,12	5	0											
12-14	24,20 21,19	35	40	Brown, fine to medium SAND and GRAVEL, trace clay, wet, moderate tar odor, sheen.										
14-16	28,67 50/3	35	3.2	Black, fine to medium SAND and GRAVEL, strong tar odor.										15
				Grey, medium to coarse SAND and GRAVEL, sheen, moderate tar odor.										
				Dense, grey, fine to medium, silty SAND and GRAVEL (till), no odor.										
				END OF BORING AT 16.0 FEET.										20

PROJECT: Plattsburgh MGP Site

PROJECT NO: 1284-18-02

LOCATION: Saranac Street, Plattsburgh, New York

DATE STARTED: 10-25-94

DATE COMPLETED: 10-25-94

DRILLING CONTRACTOR: Northstar Drilling, Inc.

DRILLER: Joe Ely, Richard Mitchell

DRILLING METHOD: Hollow-Stem Auger

SAMPLING METHOD: 2-Inch Split-Spoon

GROUND ELEVATION:

WEATHER: Cloudy, 50°

INSPECTOR: Martin Brogie

SPLIT SPoon SAMPLE DEPTH (ft)	BLOWS PER 6"	% RECOVERY	HNU (ppm)	SOIL DESCRIPTION color, density, SOIL, admixture, moisture, other notes, ORIGIN	VISUAL CONTAM.				ODOR			SAMPLE ANALYSIS	LITHOLOGY	DEPTH (FT.)
					NONE	STAIN	SHEEN	HEAVY	NONE	SLIGHT	MODERATE	HEAVY		
0-2	7,15 21,25	75	0	Dark brown, medium SAND and GRAVEL, organics. Dark brown, medium to coarse SAND and GRAVEL, some mottling.										0
2-4	25,37 31,27	40	0											
-6	26,28 7,8	40	0	Dark brown organic horizon. Dark brown and grey, fine to medium SAND, wet at 6.0 feet.										5
-8	5,6 6,8	90	1.5	Slight tar odor.										
-10	5,9 16,18	55	47	Light brown, fine SAND, grading to black medium to coarse sand and gravel, black staining, heavy sheen, heavy tar odor, trace tar.										
10-12	15,17 28,21	40	123	Dark grey, fine to medium SAND and crushed COBBLES, heavy tar odor and sheen. Visible tar.										10
12-14	12,17 28,21	40	51											
-16	48,56 50/2	55	21	Dense grey, fine to medium SAND and GRAVEL (till), slight tar odor.										15
				END OF BORING AT 16.0 FEET.										

PROJECT: Plattsburgh MGP Site

PROJECT NO: 12B4-18-02

LOCATION: Saranac Street, Plattsburgh, New York

DATE STARTED: 10-25-94

DATE COMPLETED: 10-25-94

DRILLING CONTRACTOR: Northstar Drilling, Inc.

DRILLER: Joe Ely, Richard Mitchell

DRILLING METHOD: Hollow-Stem Auger

SAMPLING METHOD: 2-Inch Split-Spoon

GROUND ELEVATION:

WEATHER: Partly cloudy, 60°

INSPECTOR: Martin Brogie

SPLIT SP SAMPLE DEPTH (ft)	BLOWS PER 6"	% RECOVERY	HNU (ppm)	SOIL DESCRIPTION color, density, SOIL, admixture, moisture, other notes, ORIGIN	VISUAL CONTAM.			ODOR			SAMPLE ANALYSIS	LITHOLOGY	DEPTH (FT.)
					NONE	STAIN	HEAVY	NONE	SLIGHT	MODERATE	HEAVY		
0-2	3,12 32,32	55	0	Dark brown, fine sandy LOAM, with organics. Loose, orange brown, medium to coarse SAND and GRAVEL.									0
2-4	27,33 32,31	45	0										
4-6	9,9 7,5	55	1.6	Light brown and dark brown striated, fine, medium and coarse SAND, wet, slight tar odor.									5
6-8	21,6 6,4	55	2.1	Sheening at bottom of sample.									
8-10	16,15 12,8	35	64	Black medium to coarse SAND and GRAVEL, visible tar, heavy tar odor, sheen.									10
10-12	26,50/3 -, -	33	67										
12-14	50/2, - -, -	0	-	No split-spoon recovery, BOULDERS and COBBLES.									
14-16	38,49 50/3	25	39	Dense grey, fine SAND and GRAVEL, trace silt (till), slight tar odor.									15
				END OF BORING AT 16.0 FEET.									

PROJECT: Plattsburgh MGP Site

PROJECT NO: 1284-18-02

LOCATION: Saranac Street, Plattsburgh, New York

DATE STARTED: 10-24-94

DATE COMPLETED: 10-24-94

DRILLING CONTRACTOR: Northstar Drilling, Inc.

DRILLER: Joe Ely, Richard Mitchell

DRILLING METHOD: Hollow-Stem Auger

SAMPLING METHOD: 2-Inch Split-Spoon

GROUND ELEVATION:

WELL ELEVATION:

WATER TABLE ELEVATION:

WEATHER: Partly cloudy, 60°

INSPECTOR: Martin Brogie

SPLIT SPOON SAMPLE DEPTH (ft)	BLOWS PER 6"	% RECOVERY	HNU (ppm)	SOIL DESCRIPTION color, density, SOIL, admixture, moisture, other notes, ORIGIN	VISUAL CONTAM.				ODOR			SAMPLE ANALYSIS	LITHOLOGY	DEPTH (FT.)	WELL CONSTRUCTION
					NONE	STAIN	SHEEN	HEAVY	NONE	SLIGHT	MODERATE	HEAVY			
0-2	3,12 50/2,-	5	0	Dark brown, fine sandy LOAM.										0	
-	-	-	-	Augered.											
3-5	17,50/3 -,-	0	-	No description.											
-7	2,2 2,3	50	2.8	Orange, fine to medium SAND.										5	
				Dark brown to black-stained, medium SAND, slight tar odor.											
7-9	2,3 7,10	50	47	Orange to black-stained WOOD CHIPS.											
				Black, medium to coarse SAND and GRAVEL, heavy tar odor and sheening.											
-11	17,30 22,27	35	130	Heavy contamination visually (tar), strong tar odor.										10	
1-13	27,50 50/2,-	100	170	Dense, grey, fine to medium SAND and GRAVEL, trace clay, moderate tar odor.											
				END OF BORING AT 13.0 FEET.										15	

PROJECT: Plattsburgh MGP Site

DRILLING METHOD: Hollow-Stem Auger

PROJECT NO: 1284-18-02

SAMPLING METHOD: 2-Inch Split-Spoon

LOCATION: Saranac Street, Plattsburgh, New York

GROUND ELEVATION:

DATE STARTED: 10-25-94

WELL ELEVATION:

DATE COMPLETED: 10-26-94

WATER TABLE ELEVATION:

DRILLING CONTRACTOR: Northstar Drilling, Inc.

WEATHER: Partly cloudy, 60°

DRILLER: Joe Ely, Richard Mitchell

INSPECTOR: Martin Brogie

SPLIT SPOON SAMPLE DEPTH (ft)	BLOWS PER 6"	% RECOVERY	HNU (ppm)	SOIL DESCRIPTION color, density, SOIL admixture, moisture, other notes, ORIGIN	VISUAL CONTAM.			ODOR			SAMPLE ANALYSIS	LITHOLOGY	DEPTH (FT.)	WELL CONSTRUCTION
					NONE	STAIN	SHEEN	NONE	SLIGHT	MODERATE	HEAVY			
0-2	3,10 18,14	50	0	Dark brown, fine sandy LOAM. Orange brown, medium to coarse SAND and GRAVEL.									0	
2-4	12,8 6,6	5	0											
4-6	3,2 3,3	0	-	No recovery.									5	
6-8	8,50/2	50	2.7	Dark brown, fine to medium SAND and dark brown SAWDUST, with sheen, wet.										
8-10	12,20 50/2	45	153	Black, fine SAND, GRAVEL and WOOD FRAGMENTS, heavy tar odor and sheen.										
10-12	14,11 50/3	25	46	Black, fine SAND and GRAVEL, heavy tar odor, sheen and visible tar.									10	
12-14	74,51 64	45	173	Black, medium to coarse SAND and GRAVEL with cobbles and boulders, sheen, visible tar, heavy odor.										
				Grey, dense, silty fine SAND and GRAVEL (till), moderate tar odor.										
				END OF BORING AT 14.0 FEET.									15	

PROJECT: Plattsburgh MGP Site

PROJECT NO: 1284-18-02

LOCATION: Saranac Street, Plattsburgh, New York

DATE STARTED: 10-26-94

DATE COMPLETED: 10-26-94

DRILLING CONTRACTOR: Northstar Drilling, Inc.

DRILLER: Joe Ely, Richard Mitchell

DRILLING METHOD: Hollow-Stem Auger

SAMPLING METHOD: 2-Inch Split-Spoon

GROUND ELEVATION:

WEATHER: Partly cloudy, 45°

INSPECTOR: Martin Brogie

SPLIT SP SAMPLER DEPTH (ft)	BLOWS PER 6"	% RECOVERY	HNU (ppm)	SOIL DESCRIPTION color, density, SOIL, admixture, moisture, other notes, ORIGIN	VISUAL CONTAM.				ODOR			SAMPLE ANALYSIS	LITHOLOGY	DEPTH (FT.)
					NONE	STAIN	SHEEN	HEAVY	NONE	SLIGHT	MODERATE	HEAVY		
0-2	2,3 2,4	25	0	Dark brown, fine sandy LOAM. Orange brown, medium to coarse SAND.										0
4	3,1 1,1	60	12.3	Dark brown, fine, medium, and coarse SAND, grading to dark grey, moderate tar odor, wet.										
4-6	2,2 5,7	55	26	Two-inch wood chip/dust horizon.										5
8	7,5 7,14	52	13	Black/dark grey, fine to medium sand and wood fragments, moderate tar odor, sheen.										
10	32,41 22,27	60	196	Black, medium to coarse SAND and GRAVEL, with cobbles, wet. Heavy tar odor, sheen, visible tar.										10
12	75,50/2 --	33	140											
14	16,47 48,-	55	21	Augered through boulders. Dense, grey, silty fine SAND and GRAVEL (till), slight odor.										
				END OF BORING AT 14.0 FEET.										15

PROJECT: Plattsburgh MGP Site

PROJECT NO: 1284-18-02

LOCATION: Saranac Street, Plattsburgh, New York

DATE STARTED: 10-26-94

DATE COMPLETED: 10-26-94

DRILLING CONTRACTOR: Northstar Drilling, Inc.

DRILLER: Joe Ely, Richard Mitchell

DRILLING METHOD: Hollow-Stem Auger

SAMPLING METHOD: 2-Inch Split-Spoon

GROUND ELEVATION:

WEATHER: Sunny, 65°

INSPECTOR: Martin Brogie

SPLIT BOON MPLE PTH (ft)	BLOWS PER 6"	% RECOVERY	HNU (ppm)	SOIL DESCRIPTION color, density, SOIL, admixture, moisture, other notes, ORIGIN	VISUAL CONTAM.				ODOR				SAMPLE ANALYSIS	LITHOLOGY	DEPTH (FT.)
					NONE	STAIN	SHEEN	HEAVY	NONE	SLIGHT	MODERATE	HEAVY			
0-2	2,3 4,3	50	11	Dark brown, fine sandy LOAM. Light brown, fine to medium and coarse SAND, moist to wet.											0
4	3,3 4,3	55	12	Slight tar odor, wet.											
4-6	2,2 8,12	33	32	Wood chips/dust horizon. Black stained and grey fine SAND, heavy odor.											5
8	5,8 12,15	30	45	Sheening. Black stained, medium to coarse SAND and GRAVEL, with cobbles, visible tar, sheen, heavy odor.											
10	12,20 27,28	50	43												10
10-12	50/3,- -,-	0	-	No recovery.											
14	32,47 50/3,-	60	7.9	Dense, grey, silty fine SAND and GRAVEL (till), slight tar odor.											
				END OF BORING AT 14.0 FEET.											15

