CUY-90-14.90

PID 77332/85531

APPENDIX EC-16

ESA Phase I Reports for Corridor – Volume 2 of 2
(Contract Document)

State of Ohio
Department of Transportation
Jolene M. Molitoris, Director

Innerbelt Bridge
Construction Contract Group 1 (CCG1)

Revision Date: December 2005

2 - Addendum No. 2 - New Appendix

FINAL VOLUME 2

ENVIRONMENTAL SITE ASSESSMENT SCREENING AND PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

INNERBELT STUDY CLEVELAND, OHIO

Prepared for
The Ohio Department of Transportation
District 12 Office
5500 Transportation Boulevard
Garfield Heights, Ohio 44125

December, 2005

URS

1375 Euclid Avenue
Suite 600
Cleveland, Ohio 44115

TABLE OF CONTENTS

Page

VOLUME 1

EXECUTIVE SUMMARY 1

1.0 INTRODUCTION 4

2.0 GEOLOGIC SETTING 6

3.0 PROJECT AREA HISTORY 7
- 3.1 Sanborn Fire Insurance Maps 7
- 3.2 Aerial Photographs 8

4.0 REGULATORY DATA BASE REVIEW 10

5.0 VISUAL INSPECTION 19

6.0 PHASE I ENVIRONMENTAL SITE ASSESSMENTS 21
- 6.1 Site #2 – Former Bauer Auto 22
- 6.2 Site #11 – Stripmatic 23
- 6.3 Site #13 – Former Glove Cleaning/Scranton Averell 23
- 6.4 Site #14 – Bojacks Meats 25
- 6.5 Site #15 – Leon Rudnick 25
- 6.6 Site #16 – Wendell & Caroll Collins/1501 Companies 26
- 6.7 Site #17 – Terminal Oil 26
- 6.8 Site #18 – Cleveland Fire Station 27
- 6.9 Site #19 – Gillota Fuel Products 27
- 6.10 Site #20 – Earl Lee 28
- 6.11 Site #21 – White Properties 29
- 6.12 Site #22 – Nova Properties 30
- 6.13 Site #23 – NS Railroad Building 30
- 6.14 Site #24 – James Vincent 30
- 6.15 Site #27 – Meridian Properties/Independent Towel 31
- 6.16 Site #57 – Charles Martin 31
- 6.17 Site #58 – JF Sanson 32
- 6.18 Site #29 – BP Gas Station 32
- 6.19 Site #33 – State Industrial Products/Information Systems Building 32
- 6.20 Site #34 – Former Teledyne Metal Finishing 33
- 6.21 Site #41 – 1400 East 30th Partners 34
- 6.22 Site #42 – CB Realty 35
- 6.23 Site #43 – KNC Building 35
- 6.24 Site #44 – EJ Investments 35
- 6.25 Site #45 – Harold Moss, Trustee 36
- 6.26 Site #46 – Tri Building 37
- 6.27 Site #47 – GKC Limited 37
- 6.28 Site #48 – Parkwood Corporation 37
- 6.29 Site #49 – Julius Sorma 38
- 6.30 Site #50 – Cleveland Mounted Police 38

TABLE OF CONTENTS

		Page
6.31	Site #51 – Temp Craft Plastics	38
6.32	Site #52 – Architectural Real Estate	39
6.33	Site #53 – Cleveland Fire Academy	39
7.0	**PHASE I ESA CONCLUSIONS**	**40**
8.0	**REFERENCES**	**42**

LIST OF TABLES

Environmental Database Summary 10
Phase I ESA Summary Table 21
Phase II ESA Sites and Rationale 40

LIST OF APPENDICES

Appendix A	Figures
Appendix B	Environmental Site Screening Checklists
Appendix C	Historical Information
Appendix D	EDR Report

VOLUME 2

Appendix E	Photographs
Appendix F	Phase I ESA Site Information
Appendix G	Proposed Roadway Configuration Maps

LIST OF ACRONYMS AND ABBREVIATIONS

AST	Aboveground storage tank
BTEX	Benzene, toluene, ethyl benzene and total xylenes
BUSTR	Bureau of Underground Storage Tank Regulations
C-D	Collector-Distributor
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System
EDR	Environmental Data Resources, Inc.
ERNS	Emergency Response Notification System
ESA	Environmental Site Assessment
FINDS	Facilities Index System
LQG	Large Quantity Generator
MLTS	Material Licensing Tracking System
msl	Mean sea level
NFA	No Further Action
NRC	Nuclear Regulatory Commission
ODOT	Ohio Department of Transportation
SQG	Small Quantity Generator
SR	State Route
USDA	United States Department of Agriculture
USGS	United States Geological Society
UST	Underground storage tank

Appendix E

URS

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
ODOT	Inner belt Study, Cleveland, Ohio	15016153

Photo No. 1	Date: 10-20-05

Description:

Site 2
Former Bauer Auto located at 3553 West 25th Street.

Photo No. 2	Date: 10-20-05

Description:

Site 11
Stripmetic located at 1501 Abbey Drive.

URS

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
ODOT	Inner belt Study, Cleveland, Ohio	15016153

Photo No. 3	Date: 10-20-05

Site 13
Former Glove Cleaning Service/Scranton Averell
Located at 2131-2150 West 15th Street.

Photo No. 4	Date: 10-20-05

Description:

Site 14
Bojacks Meat located at 2000 West 14th Street / 1425 University Road

URS

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
ODOT	Inner belt Study, Cleveland, Ohio	15016153

Photo No. 5	Date: 10-20-05

Description:

Site 15
Leon Rudnick located at 1402-1408 Abby Road.

Photo No. 6	Date: 10-20-05

Description:

Site 15
Leon Rudnick located at 1402-1408 Abby Road.

URS

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
ODOT	Inner belt Study, Cleveland, Ohio	15016153

Photo No. 7	Date: 10-20-05

Description:

Site 16
Wendell & Caroll Collins /
1501 Properties located at
2061-2183 West 15th Street.

Photo No. 8	Date: 10-24-05

Description:

Site 16
Wendell & Caroll Collins /
1501 Properties located at
2061-2183 West 15th Street.

URS

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
ODOT	Inner belt Study, Cleveland, Ohio	15016153

Photo No. 9	Date: 10-24-05

Description:

Site 17
Terminal Oil located 308
Central Viaduct.

Photo No. 10	Date: 10-20-05

Description:

Site 17
Terminal Oil located 308
Central Viaduct.

URS

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
ODOT	Inner belt Study, Cleveland, Ohio	15016153

Photo No. 11	Date: 10-20-05

Description:

Site 18
Cleveland Fire Station located at 310 Carnegie Avenue.

Photo No. 12	Date: 10-20-05

Description:

Site 19
Gillato Fuel Products located 206-300 Central Viaduct.

URS

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
ODOT	Inner belt Study, Cleveland, Ohio	15016153

Photo No. 13	Date: 10-20-05

Description:

Site 20
Earl Lee Property located at
2394 Canal Road.

Photo No. 14	Date: 10-20-05

Description:

Site 21
White Properties located at
1996 West 3rd Street.

URS

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
ODOT	Inner belt Study, Cleveland, Ohio	15016153

Photo No. 15	Date: 10-24-05

Description:

Site 21
Nova Properties located on
West 4th Street.

Photo No. 16	Date: 10-24-05

Description:

Site 21
Nova Properties located on
West 4th Street.

URS

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
ODOT	Inner belt Study, Cleveland, Ohio	15016153

Photo No. 17	Date: 10-24-05

Description:

Site 23
NS Railroad Building located at 840 Minkon Lane.

Photo No. 18	Date: 10-24-05

Description:

Site 23
NS Railroad Building located at 840 Minkon Lane.

URS

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
ODOT	Inner belt Study, Cleveland, Ohio	15016153

Photo No. 19	Date: 10-24-05

Description:

Site 23
NS Railroad Building located at 840 Minkon Lane.

Photo No. 20	Date: 10-24-05

Description:

Site 24
James Vincent at 2515 Canal Road.

URS

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
ODOT	Inner belt Study, Cleveland, Ohio	15016153

Photo No. 21	Date: 10-20-05

Description:

Site 27
Meridian Properties /
Independent Towel located at
1802 Central Avenue.

Photo No. 22	Date: 10-20-05

Description:

Site 27
Meridian Properties /
Independent Towel located at
1802 Central Avenue.

URS

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
ODOT	Inner belt Study, Cleveland, Ohio	15016153

Photo No. 23	Date: 10-20-05

Description:

Site 27
Meridian Properties /
Independent Towel located at
1802 Central Avenue.

Photo No. 24	Date: 10-20-5

Description:

Site 27
Meridian Properties /
Independent Towel located at
1802 Central Ave.

URS

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
ODOT	Inner belt Study, Cleveland, Ohio	15016153

Photo No. 25	Date: 10-24-05

Description:

Site 57
Charles Martin located at
3501 Croton Avenue.

Photo No. 26	Date: 10-24-05

Description:

Site 57
Charles Martin at 3501 Croton Avenue.

URS

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
ODOT	Inner belt Study, Cleveland, Ohio	15016153

Photo No. 27	Date: 10-24-05

Description:

Site 57
Charles Martin located at 3501 Croton Avenue.

Photo No. 28	Date: 10-24-05

Description:

Site 58
JF Samson located at 3561 Burwell Avenue.

URS

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
ODOT	Inner belt Study, Cleveland, Ohio	15016153

Photo No. 29	Date: 10-24-05

Description:

Site 58
JF Samson located at 3561 Burwell Avenue.

Photo No. 30	Date: 10-24-05

Description:

Site 58
JF Samson located at 3561 Burwell Avenue.

URS

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
ODOT	Inner belt Study, Cleveland, Ohio	15016153

Photo No. 31	Date: 10-24-05

Description:

Site 29
BP Gasoline Station located at 2701 Chester Avenue.

Photo No. 32	Date: 10-24-05

Description:

Site 33
State Industrial Products located at 3100 Hamilton Avenue.

URS

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
ODOT	Inner belt Study, Cleveland, Ohio	15016153

Photo No. 33	Date: 10-24-05

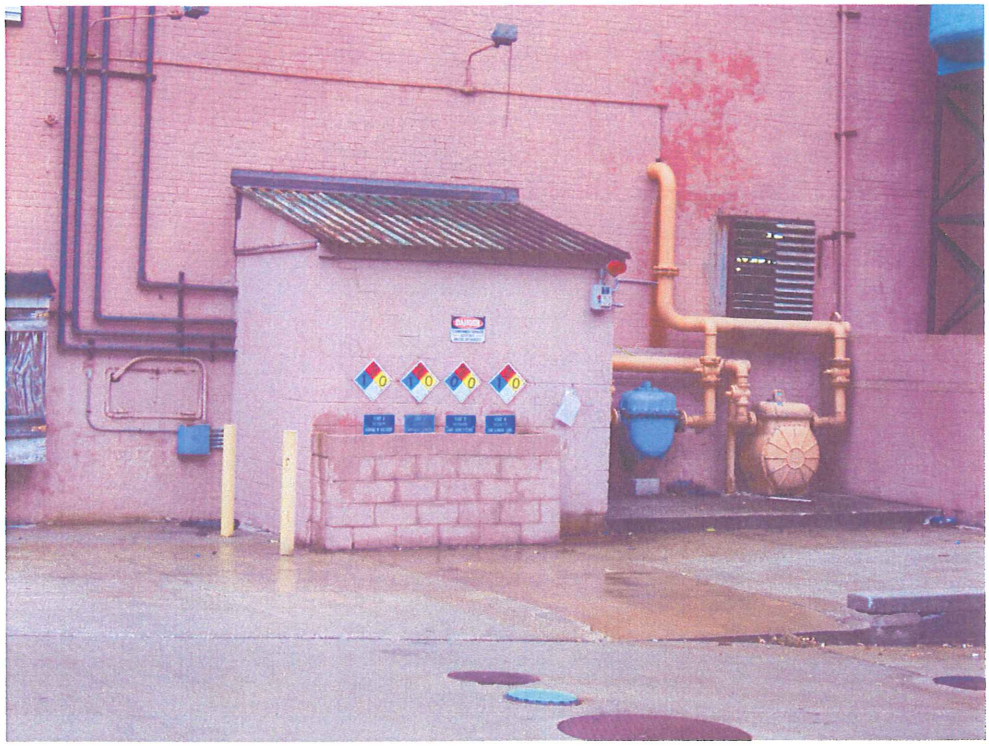
Description:

Site 33
State Industrial Products located at 3100 Hamilton Avenue.

Photo No. 34	Date: 10-24-05

Description:

Site 33
State Industrial Products located at 3100 Hamilton Avenue.



URS

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
ODOT	Inner belt Study, Cleveland, Ohio	15016153

Photo No. 35	Date: 10-24-05

Description:

Site 33
State Industrial Products located at 3100 Hamilton Avenue.

Photo No. 36	Date: 10-24-05

Description:

Site 34
Former Teledyne Metal Finishing located at 1725 East 27th Street.

URS

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
ODOT	Inner belt Study, Cleveland, Ohio	15016153

Photo No. 37	Date: 10-20-05

Description:

Site 41
1400 East 30th Street Partners located at 14006 East 30th Street.

Photo No. 38	Date: 10-20-05

Description:

Site 41
1400 East 30th Street Partners located at 14006 East 30th Street.

URS

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
ODOT	Inner belt Study, Cleveland, Ohio	15016153

Photo No. 39	Date: 10-24-05

Description:

Site 42
CB Realty located at 2975 Superior Avenue.

Photo No. 40	Date: 10/20/05

Description:

Site 43
KNC Building located at 2635 Payne Avenue.

URS

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
ODOT	Inner belt Study, Cleveland, Ohio	15016153

Photo No. 41	Date: 10/20/05

Description:

Site 44
EJ Investments located at
2630 Payne Avenue.

Photo No. 42	Date: 11-18-05

Description:

Site 45
Harold Moss Trustee
located at 1748 East 27th
Street.

URS

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
ODOT	Inner belt Study, Cleveland, Ohio	15016153

Photo No. 43	Date: 11-18-05

Description:

Site 45
Harold Moss Trustee
located at 1748 East 27th Street.

Photo No. 44	Date: 10-24-05

Description:

Site 46
Tri Building located at 2728 Euclid Avenue.

URS

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
ODOT	Inner belt Study, Cleveland, Ohio	15016153

Photo No. 45	Date: 10-24-05

Description:

Site 46
Tri Building located at 2728 Euclid Avenue.

Photo No. 46	Date: 10/20/05

Description:

Site 47
GKC Limited located at 2729 Prospect Avenue.

URS

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
ODOT	Inner belt Study, Cleveland, Ohio	15016153

Photo No. 47	Date: 10-24-05

Description:

Site 48
Parkwood Corporation located at 2829 Euclid Avenue.

Photo No. 48	Date: 10-24-05

Description:

Site 48
Parkwood Corporation located at 2829 Euclid Avenue.

URS

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
ODOT	Inner belt Study, Cleveland, Ohio	15016153

Photo No. 49	Date: 10-24-05

Description:

Site 49
Julius Sorma located at 3004 St. Clair Avenue.

Photo No. 50	Date: 10-25-05

Description:

Site 50
Cleveland Mounted Police located at 1150 East 38th Street.

URS

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
ODOT	Inner belt Study, Cleveland, Ohio	15016153

Photo No. 51	Date: 10-25-05

Description:

Site 50
Cleveland Mounted Police located at 1150 East 38th Street.

Photo No. 52	Date: 10-25-05

Description:

Site 51
Temp Craft Plastics located at 3960 South Marginal Road.

URS

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
ODOT	Inner belt Study, Cleveland, Ohio	15016153

Photo No. 53	Date: 10-25-05

Description:

Site 51
Temp Craft Plastics
located at 3960 South
Marginal Road.

Photo No. 54	Date: 10-25-05

Description:

Site 51
Temp Craft Plastics
located at 3960 South
Marginal Road.

URS

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
ODOT	Inner belt Study, Cleveland, Ohio	15016153

Photo No. 55	Date: 10-25-05

Description:

Site 52
Architectural Real Estate located at 3000 Lakeside Avenue.

Photo No. 56	Date: 10-25-05

Description:

Site 52
Architectural Real Estate located at 3000 Lakeside Avenue.

URS

PHOTOGRAPHIC LOG

Client Name:	Site Location:	Project No.
ODOT	Inner belt Study, Cleveland, Ohio	15016153

Photo No. 57	Date: 10-25-05

Description:

Site 53
Cleveland Fire Academy
located at 3101 Lakeside
Avenue.

Photo No. 58	Date: 10-25-05

Description:

Site 53
Cleveland Fire Academy
located at 3101 Lakeside
Avenue.

Appendix F

Site #2
Former Bauer Automotive

MAI Architects Engineers Planners

A Division of Middough Associates Inc.

CLOSURE ASSESSMENT REPORT
(Incident #1821550-00)

FOR THE REMOVAL OF

FOUR UNDERGROUND STORAGE TANKS

STATE FIRE MARSHAL
RECEIVED

AT

BAUER AUTO RADIATOR SITE
(SOUTHPOINT SITE)

PROPERTY NOW OWNED BY

METROHEALTH MEDICAL CENTER
2500 METROHEALTH DRIVE
CLEVELAND, OHIO 44109-1998

STATE FIRE MARSHAL
RECEIVED
JUL 19 1993

MAI REFERENCE NO. CM202
JUNE, 1993

DIVISION OF STATE FIRE MARSHAL-BUREAU OF UNDERGROUND STORAGE TANK REGULATIONS

CLOSURE REPORT CHECKLIST FORM

OWNERSHIP OF TANKS	LOCATION OF TANKS
SHELL OIL CO. - (4) USTs PERMANENTLY ABANDONED IN 1966.	3553 WEST 25TH STREET CLEVELAND, OHIO 44109

I. FILING INSTRUCTIONS

A. In the column on the left side of the form, place either the page number or appendix designation where each item on the checklist can be found in the closure report or "N/A" (Not Applicable) for items that do not apply to your closure report. If "N/A" is indicated, you must also indicate the the page number accordingly.

B. UST owner must sign where indicated on page 2 of this form and attach it to the Closure Report. Deficient closure reports submitted to our office will be returned to the UST owner for completion. Send the closure report checklist form and the closure report to the address as indicated on the enclosed cover letter.

NOTE: UST OWNER/OPERATORS SHALL SUBMIT ONE COPY OF THE WRITTEN CLOSURE REPORT WHICH SHALL BE RECEIVED BY THE STATE FIRE MARSHAL WITHIN 45 DAYS OF RECEIPT BY THE UST OWNER/OPERATOR OF SOIL AND/OR GROUNDWATER LABORATORY ANALYSIS BUT NOT LATER THAN 90 DAYS FROM THE DATE OF COLLECTING SOIL AND/OR GROUNDWATER SAMPLES.

II. UST SYSTEM OWNER, OPERATOR, AND FACILITY DATA

B — UST Owner (name; address; zip code; county; phone no.)
B — UST Operator (name; address; zip code; county; phone no.)
p. 1 — UST Facility Location (name; address; zip code; county; phone no.)
p. 1 — UST Facility Owner (name; address; zip code; county; phone no.)

III. UST SYSTEM DATA

p. 3 — UST System(s) Age (years)
p. 3 — UST(s) Capacity (gallons)
p. 3 — UST System(s) Construction (i.e., steel, fiberglass, etc.)
p. 3 — Date UST System(s) Last Used
B — Person(s) Who Last Used UST System
p. 3 — Substance(s) Stored in UST(s) both past and present (i.e. gasoline, diesel fuel, used oil, etc.)
p. 3 — UST System Use (i.e., retail sales, residential, farm, business, etc.)
B, p. 1 — UST(s) System Status (Permanently Removed or Abandoned-In-Place)
p. 5 — Disposal of UST(s) System

IV. WASTE DISPOSAL DATA

p. 6 — Method of Disposal and Final Location of Excavated Soil(s) and Backfill Materials
p. 6 — Amount of Soils and Backfill Excavated (cubic yards)
p. 5 — Disposal and final Location of any liquids from UST System or UST System Excavation
p. 6 — Locations of Soil Samples taken from Excavated Soil Waste Pile(s)
I — Copies of Laboratory Data Sheets of Soil Samples taken from Excavated Soil(s) and Backfill Materials

V. SAMPLING DATA

(Groundwater sampling data only required if groundwater encountered during closure activities)

J Soil and/or Groundwater Sample Collection Procedures
J Type of Sample Containers and Sample Preservation Techniques Used for Soil and/or Groundwater Samples
J Labeling Number or Designation of Soil and/or Groundwater Sample(s) Used
J Type of Sampling Equipment Used (i.e., split spoon, shelby tube, etc.)
J Decontamination Procedures of Sampling Equipment Used
p.5 Field Screening Methodology Used for each Soil and/or Groundwater Samples Obtained
N/A p.5 Type of Field Screening Instrument Used
N/A p.5 Listing of Field Screening Readings for each Soil and/or Groundwater Sample Obtained
N/A p.5 Calibration Methodology Used for Field Screening Instrument
J Locations and Depths of all Soil and/or Groundwater Samples Obtained
J Copy of Chain of Custody Documentation for Soil and/or Groundwater Samples submitted to Laboratory
J Sample Collector(s) Name and Company Affiliation

VI. LABORATORY DATA

(Groundwater laboratory data only required if groundwater encountered during closure activities)

E, I, J Copies of Laboratory Sample Analysis Data Sheets for Soil and/or Groundwater Samples
E, I, J Date Soil and/or Groundwater Samples Collected
J Date Soil and/or Groundwater Samples Received by Laboratory
J Date Soil and/or Groundwater Samples Analyzed by Laboratory and type of Matrix Analyzed (soil or water)
J Name, Address, and Phone No. of Laboratory and name of Sample Analyst
J Analytical Test Methods Used for Soil and/or Groundwater Samples
J Detection/Quantitation Limits Used for Laboratory Test Methods
J Laboratory Instrument Calibration used

VII. MISCELLANEOUS DATA

A Site Map Accurately Depicting Dimensions of Facility Property Boundaries, Above Ground Structures, adjacent street locations, and UST Systems (no. of tanks and product lines)
p.2, A Mapped Locations of Known Private Wells, Public Water Wells, or Monitoring Wells on Facility
p.5 Mapped Locations of Any Utilities Exposed During UST System Excavation
p.2 Description of Native Soils Encountered During UST System Excavation (i.e., sands, gravels, clays, etc.)
J Mapped Depths and Locations of all Soil and/or groundwater Samples taken from Excavation
p.4 Visual Site Evaluation
p.3 Mapped Locations of UST(s) Recently or Historically Removed, Abandoned-In-Place, or have undergone a Change in Service
p.3 Mapped Locations of Other UST Still in Service
p.3 Mapped Length of UST(s) and Product Line(s)
E Mapped Excavation Limits
p.11 Certified Fire Safety Inspector Name and Certificate Number
p.12 Local Fire Department (name; address; zip code; county; phone) with jurisdiction over UST site
C+D Copy of 30 Day Closure Notification and Closure Permit

~~UST(s) Owner~~ Signature: Schleehter Date: 7-7-93
CURRENT PROPERTY OWNER

DIVISION USE ONLY

Reviewed By: _____ Date: _____

closure2

MAI Architects Engineers Planners

A Division of Middough Associates Inc.

TABLE OF CONTENTS

		PAGE NO.
TABLE OF CONTENTS		i thru ii
1.0	INTRODUCTION	1
2.0	GENERAL SITE CONDITIONS	2
2.1	Site Characteristics	
2.2	Past Conditions	
3.0	DESCRIPTION OF UST SYSTEM	3 thru 4
3.1	UST System Data	
3.2	Integrity of System	
4.0	CLOSURE	5 thru 10
4.1	General	
4.2	Cleaning	
4.3	Sampling	
4.4	Analysis	
5.0	PERTINENT INFORMATION SUMMARY	11 thru 12
5.1	Tank Closure Dates	
5.2	Participants in the Closure Activity	
6.0	CONCLUSIONS	13

TABLE OF CONTENTS (Continued)

PAGE NO.

TABLES

1. Mar/Apr 1992 Soil Analytical Summary 7
2. Mar/Apr 1992 Groundwater Analytical Summary 8
3. May 1993 Soil Analytical Summary 9
4. May 1993 Groundwater Analytical Summary 10

APPENDICES

A. Site Map
B. 1966 UST Abandonment Documentation
C. 30 Day Notification
D. UST Removal Permit
E. Soil/Sand Disposal and Analytical Results
F. Water Disposal
G. Disposition of Tanks
H. Soil Sample Locations
I. Partial 1992 Lab Report Summary
J. Electro-Analytical Laboratories Report dated June 14, 1993
K. Clean Backfill Documentation

1. INTRODUCTION

MetroHealth Medical Center (MHMC) initiated the removal of four underground storage tanks (UST) on May 26, 1993 located at 3553 West 25th Street, Cleveland, Ohio 44109. A site map is provided as Appendix A. MHMC is the current owner of the property. The USTs were closed by permanent abandonment in place in 1966 by a previous owner as documented in Appendix B. Future development of this site and property transfer issues required the USTs to be removed.

This Closure Assessment Report was prepared to comply with the Ohio Administrative Code (OAC), Rule 1301:7-9-12 titled; Temporarily Out of Service UST Systems and Temporarily Closed, Permanent Abandonment, Permanent Removal, Replacement, and Change in Service UST Systems. This report was compiled by MAI Architects•Engineers•Planners (MAI).

This report demonstrates that there was an apparent petroleum hydrocarbon release to the soil and groundwater.

2. GENERAL SITE CONDITIONS

2.1 Site Characteristics

- Original UST backfill is silty sand soil.
- Predominant subsurface soil formation outside UST locations consists generally of brown silty clay to gray silt.
- There are no private wells or public water wells on the subject property.

2.2 Past Conditions

- Subsurface investigations conducted during March 1992 from boring and developing monitoring wells # MW1, MW2 and MW3 are found in Tables 1 and 2.

3. DESCRIPTION OF UST SYSTEM

3.1 UST System Data

- Substance stored in the USTs was most likely leaded gasoline. Material Safety Data Sheets (MSDS) are unavailable for the product(s) stored in the USTs since installation.
- Installation date unknown.
- Four 2,500 gallon steel tanks. Each approximately 15' x 64" diameter.
- Tanks at time of operation were part of a gasoline service station.
- Tanks did not have manways.
- Tanks were 3/4 full with water and sand.
- Cathodic protection was not provided through galvanic anodes nor impressed currents.
- Date system was last used is unknown. USTs abandoned in 1966.
- No other UST was in the immediate area.
- Piping was bare steel and appeared to have at one time serviced pumps above the tanks.
- There were no concrete anchoring pads.

3.2 Integrity of System

There was little visual evidence at grade that indicated the possible presence of the tanks. Three fittings imbedded in a concrete slab looked like possible UST fill locations. A visual site evaluation did not identify evidence of past or present operational problems. There were readily apparent holes in both the tanks and piping. When the system was excavated.

4. CLOSURE

4.1 General

The UST systems were permanently removed in conformance with 40 CFR 280, Ohio Administrative Code 1301 and American Petroleum Institute Bulletin 1604. Pertinent documents relating to regulatory agency notification and permits are included as Appendices C and D. The work was performed by a state certified contractor. Soil samples were obtained from the stockpile, sand inside the tanks, soil above the tanks and from the substrate below the tanks at locations recommended by the Bureau of Underground Storage Tank Regulations (BUSTR).

A site inspection was performed by a Cleveland Fire Safety Department Inspector during activities on May 26, 1993. Other parties participating in the closure are listed in Section 5.2.

There were no previously documented utilities exposed during the UST excavation. The excavation was backfilled on May 29 and June 1, 1993 as documented in Appendix K.

4.2 Cleaning

The tank tops were peeled back by the excavator backhoe after gas testing indicated readings under 10% of the lower flammable limit for gasoline.

The tanks were emptied of the sand and water. Lime was used to stabilize the wet sand. The sand was disposed of as petroleum impacted soil based on laboratory analytical results. See Appendix E. The water was disposed of by a licensed waste recycler. See Appendix F.

Due to the need to peel the tank tops off, the tanks were crushed on site and taken to a steel scrap yard. Final disposition is documented in Appendix G.

4.3 Sampling

Samples were taken from the soil below the tanks at the locations depicted in Appendix H.

The soil samples were analyzed by an independent laboratory. They were collected by hand. No groundwater was encountered. The samples were placed in glass sample jars with sealed covers and labelled. Field screening was not performed due to obvious signs of contamination through visual and olfactory observations.

The samples were then placed in a cooler with ice and delivered to the laboratory. The chain of custody used to transmit the samples to the laboratory is included as Appendix I. Approximately 373 cubic yards of backfill was stockpiled on site awaiting analytical results which indicated it was impacted by petroleum hydrocarbons. The excavation measured approximately 26' x 42' x 10' deep. The soil was then disposed of accordingly as documented in Appendix E.

4.4 Analysis

Soil samples were analyzed for parameters listed in OAC 1301:7-9-13.

The test methods are prescribed by the United States Environmental Protection Agency in "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", EPA SW-846, 3rd Edition, 1986 and EPA Document 600/4-79-020. Test results are summarized in Tables 3 & 4 where soil excavation stopped one foot into native soil. The laboratory test report is included as Appendix J.

TABLE 1 - Mar/Apr. 1992 SOIL ANALYTICAL SUMMARY

SAMPLE NUMBER	SAMPLE IDENT. AND LOCATION*	TPH (ppm)	BENZENE (ppb)	TOLUENE (ppb)	ETHYL BENZENE (ppb)	TOTAL XYLENE (ppb)	TOTAL LEAD (ppm)
92151	MW-1 10'-12'	6	1940	16.4	<	<	8.9
92151	MW-2 8'-10'	120	7.6	3.6	49.7	75.5	26

* = Sample locations provided in Appendix I.
ppm = Parts per million
ppb = Parts per billion
< = Below Detection Limit (actual limits found in Appendix I.)
TPH = Total Petroleum Hydrocarbons

TABLE 2 - Mar/Apr. 1992 GROUNDWATER ANALYTICAL SUMMARY

SAMPLE NUMBER	SAMPLE IDENT. AND LOCATION*	TPH (ppm)	BENZENE (ppb)	TOLUENE (ppb)	ETHYL BENZENE (ppb)	TOTAL XYLENE (ppb)	TOTAL LEAD (ppm)
92151	MW-1	9	165	22.4	2490	5760	<
92151	MW-2	2	305	<	6.2	12	<
92151	MW-3	<	<	<	<	<	<

* = Sample locations provided in Appendix I.
ppm = Parts per million
ppb = Parts per billion
< = Below Detection Limit (actual limits found in Appendix I.)
TPH = Total Petroleum Hydrocarbons

TABLE 3 - May 1993 SOIL ANALYTICAL SUMMARY

SAMPLE NUMBER	SAMPLE IDENT. AND LOCATION*	TPH (ppm)	BENZENE (ppb)	TOLUENE (ppb)	ETHYL BENZENE (ppb)	TOTAL XYLENE (ppb)	PNA (ppm)
24052	N. WALL	2.9	750	120	25	1600	<
24052	S. WALL	56	400	450	1100	650	3910
24052	E. WALL	15	400	120	340	800	2570
24052	W. WALL	176	570	2800	29,000	28,000	5460

* = Sample locations provided in Appendix J.
ppm = Parts per million
ppb = Parts per billion
< = Below Detection Limit (actual limits found in Appendix J.)
PNA = Polynuclear Aromatic Hydrocarbons
TPH = Total Petroleum Hydrocarbons

TABLE 4 - May 1993 GROUNDWATER ANALYTICAL SUMMARY

SAMPLE NUMBER	SAMPLE IDENT. AND LOCATION*	BENZENE (ppb)	TOLUENE (ppb)	ETHYL BENZENE (ppb)	TOTAL XYLENE (ppb)
24052	MW-1	110	<	1900	4400
24052	MW-2	60	<	6	4.1
24052	MW-3	<	<	<	<

* = Sample locations provided in Appendix J.
ppm = Parts per million
ppb = Parts per billion
< = Below Detection Limit (actual limits found in Appendix J.)

5. PERTINENT INFORMATION SUMMARY

5.1 Tank Closure Dates

• Initial Abandonment of USTs	August 30, 1966
• Suspected Release Reported	June 23, 1992
• Removal of USTs	May 26, 1993
• Soil/Groundwater Sampling	May 26, 1993
• Confirmed Release Reported	June 4, 1993

5.2 Participants in the Closure Activity

- Implementing Agency

Cleveland Fire Department
Fire Prevention Bureau
1645 Superior Avenue, E.
Cleveland, Ohio 44114
(216) 664-6664
Scott Graham - Fire Safety Inspector

- Owner of Property

MetroHealth Medical Center
2500 MetroHealth Drive
Cleveland, Ohio 44109-1998
(216) 459-5578
Morris Schlechter - Director, Construction Project Mgmt.
John Zadnik - Facility Engineer

- Previous Owner of Property

Ms. Anne Cotter
7104 Big Creek Parkway
Parma Heights, Ohio 44130
(216) 676-9056

- Apparent Owner of USTs

Shell Oil Co. abandoned the USTs in 1966.

5.2 Participants in the Closure Activity (Cont.)

- Consultant

Middough Environmental Services (MES)
1901 East 13th Street
Cleveland, Ohio 44114-3599
(216) 771-2060
Dave Lipiro - Project Manager
Chris Donahoe - Project Leader

- UST Contractor

Environmental Affairs Management
77 North Miller Road
Fairlawn, Ohio 44313
(216) 867-6077
George Betscakos - Site Foreman

- Analytical Laboratories

Mar/Apr. 1992
Biological and Environmental Control Laboratories, Inc.
1632 Enterprise Parkway
Twinsburg, Ohio 44087

May 1993 - Soil Disposal Characterization
American Environmental Laboritories, Inc.
33 Industry Drive
Bedford, Ohio 44146
(216) 786-1403

May 1993 - Final Excavation and Groundwater Analysis
Electro-Analytical Laboratories
7118 Industrial Park Boulevard
Mentor, Ohio 44060-5314
(216) 951-3514
Scott Hershberger - Environmental Geologist

- Local Fire Department

Same as
Implementing Agency

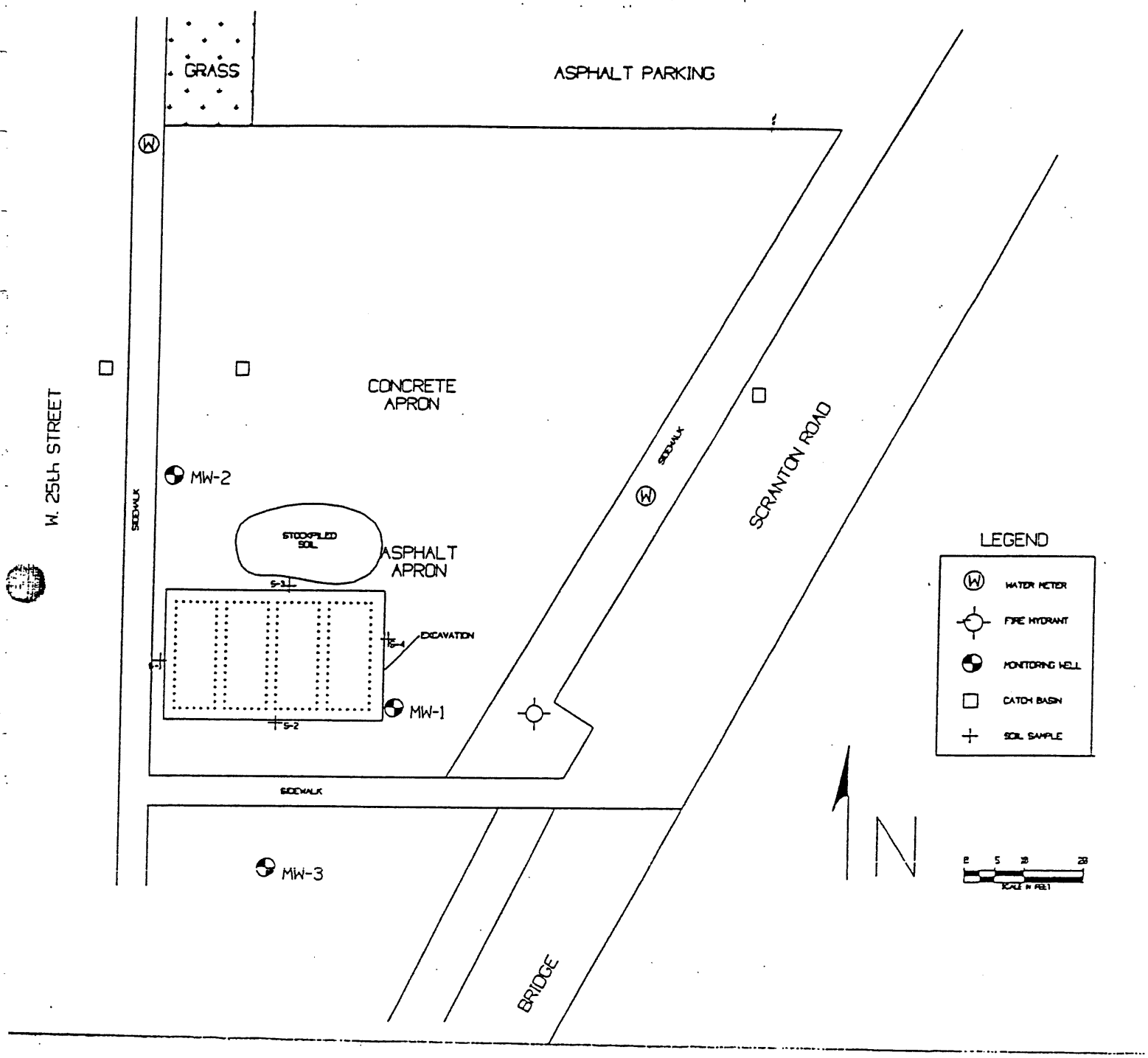
6. CONCLUSIONS

The benzene levels in soils and groundwater listed in Tables 3 & 4 indicate levels above BUSTR's category 4 allowable level of 500 and 5 parts per million respectively. A site feature scoring system checklist is not attached for this reason.

A site assessment is now required per OAC 1301:7-9-13 (E)(1).

A possible fifth UST was suspected at the start of this project, but the open excavation only revealed a total of four USTs.

MHMC is currently landscaping the site, which is adjacent to W25th Street in an area subject to heavy traffic each day.


GRASS
ASPHALT PARKING
W. 25th STREET
SIDEWALK
CONCRETE APRON
MW-2
STOCKPILED SOIL
ASPHALT APRON
S-3
EXCAVATION
S-4
S-1
S-2
MW-1
SIDEWALK
SIDEWALK
SCRANTON ROAD
MW-3
BRIDGE
LEGEND
WATER METER
FIRE HYDRANT
MONITORING WELL
CATCH BASIN
SOIL SAMPLE
N
0
5
10
20
SCALE IN FEET

FILE

SHELL OIL COMPANY

P. O. Box 29
Brecksville 41, Ohio

September 22, 1966

John E. Schlund
Chief Fire Prevention Bureau
330 St. Clair Avenue, N.W.
Cleveland, Ohio 44113

RE: 3567 W. 25th & Scranton
Cleveland, Ohio

Dear Sir:

In answer to your letter of August 30th, 1966 regarding the violations at the above location covering the abandoning of storage tanks and the removal of the underfired gas floor type heater. On August 29th I had the Graham's Petroleum Maintenance and Sales Co. break out the concrete over the tank area and remove the fill pipes from four 2500 gallon tanks. On August 30th these tanks were filled with sand, this was supervised by Lieutenant Kellmer and approved by him. On this same day the heater was removed and the gas line capped off.

If any other information is required please feel free to call me at 526-1200.

Very truly yours,

SHELL OIL COMPANY

F. W. Kohler
C & M Supervisor

FWK:pr

MAI Architects Engineers Planners
A Division of Middough Associates Inc.

May 4, 1993

CITY OF CLEVELAND
Fire Prevention Bureau
1645 Superior Avenue, E.
Cleveland, Ohio 44114

Attention: Mr. Terry Chambers
Inspector

Subject: Contractor Information for UST Removal
Permit #: Not yet Assigned

Reference: Bauer Auto Radiator Site (Southpoint Site)
MAI Reference No. CM202

Dear Inspector Chambers:

MetroHealth Medical Center (MHMC) has selected the following certified UST installer for the construction noted in the application for a UST Removal Permit sent to you in late October 1992:

Environmental Affairs Management Consultants, Inc.
77 N. Miller Road
Suite 102
Akron, Ohio 44333
(216) 867-6077
POC: George Betscakos
LIC#: 10-91-1813; Exp. 11-7-93

It is my understanding that a City Inspector will now contact the above contractor to schedule a date for the on-site inspection.

1901 East 13th Street, Suite 300, Cleveland, OH 44114-3599
PHONE (216) 771-2060, TELEX 283871, FAX (216) 771-2074

Should you have any questions, please contact me at (216) 771-2060.

Cordially yours,

MAI
Architects•Engineers•Planners

Christopher K. Donahoe
Project Leader

CKD/drk

cc: M. Schlechter - MHMC
T. Rao - MHMC
J. Zadnik - MHMC
G. Betscakos - EAMC
D. Lipiro - MAI

REQUEST FOR R/P SEARCH

NECA

REPORT |1|8|2|1|5|5|0|1|0|0|1|_|_|_|_|

REQUEST BY: Steve Lufkin DATE: 5/23/95

APPROVED BY: [signature] DATE: 5/23/95
(SUPERVISOR)

FACILITY: MetroHealth Medical Center

ADDRESS: 3553 W. 25th Street COUNTY: Cuyahoga
Street Number

CITY: Cleveland, Ohio ZIP: 44109 PHONE: (216) 459-5578

CONTACT PERSON: Morris Schlecter TITLE: Director PHONE: (216) 459-5578

REMARKS: (INCLUDE INFORMATION THAT YOU THINK MIGHT BE HELPFUL) USTs (5 - 2,500 gal) were abandoned in place under city F.D. approval by Shell Oil Co in Aug 30 1966. As part of real estate sale soil borings were conducted at site in June 1992 → results showed soil & GW contamination in MW-1 & MW-2. USTs removed by property owner MetroHealth in May 1993. Soil & GW contamination confirmed. The Apparent UST owner of the contamination is Shell Oil as they were reportedly the last User.
Another property owner reportedly bought the property from Shell Oil & later sold the site to MetroHealth Medical Center
The Previous property owner is reportedly as listed below

ARE UST'S REGISTERED?

_____ YES (ATTACHMENTS)

__X__ NO

*DO WE HAVE RECORDS OF PERMITS?

_____ YES (ATTACHMENTS)

_____ NO

DATE RELEASE REPORTED 6/23/92

Ms. Anne Cotter
7104 Big Creek Parkway
Parma Hgts., Ohio 44130
(216) 676-9056

*THIS INFORMATION HAS BEEN RETRIEVED FROM THE BUSTR RECORDS AT THE STATE FIRE MARSHAL'S OFFICE. LOCAL FIRE DEPARTMENTS MAY HAVE ADDITIONAL RECORDS.

RECEIVED: JUN 01 1995 ASSIGNED: _____ COMPLETED: _____

ASSIGNED TO: _____

SUSPECTED RELEASE REPORT

REPORT #: 1821550100 FY92 DATE: 6/23/92

[1] PERSON REPORTING THE RELEASE TIME: 9:55

NAME: Chris Sonabre TITLE: Engineer PHONE: (216) 771-2060

AGENCY/COMPANY: Middough Env. RELATION TO SITE:

ADDRESS: 1901 E. 13th #300 CITY: Cleveland ST: OH ZIP: 44114

REMARKS:

[2] SUSPECTED RELEASE LOCATION

MULTIPLE SUSPECTED SOURCES? ___ YES ___ NO ___ UNDETERMINED COUNTY: Cuy #18

FACILITY: Metro Health Medical FACILITY ID#: —

ADDRESS: 3553 W. 25th St

CITY: Cleveland ST: Oh ZIP: 44114 PHONE: ( )

UST OWNER: Metro Health - Joe Matune PHONE: (216) 459-5688

UST OPERATOR: PHONE: ( )

REMARKS:

FIRE DEPT: Cleve F.D. CONTACT: PHONE: ( )

[3] CONDITIONS LEADING TO REPORT OF SUSPECTED RELEASE (*Check all that apply*)

____ Inventory control results indicate a release may have occurred.

____ Testing, monitoring or sampling results indicate a release may have occurred.

____ Unusual operating conditions observed (e.g., sudden drop in tank volume).

____ Impacts noticed in area surrounding tank (e.g., vapors, well contaminated, run-off).

____ Spill or overfill of petroleum in excess of 25 gallons.

____ Soil/Groundwater contamination discovered during non-closure related investigation.

____ Closure (or replacement) assessment results indicate that a release has occurred.

OTHER CONDITIONS: Water level - 3 wells 9 ppb 165 Benzene - 1 st UST
Took Four Boring 2 ppb 305 Benzene 2 UST
1940 below detection 3 UST.
7.5 Benzene, 128 TPH, 668 Benzene TPB (Tests from Supserface testing -

*******COMPLETE REVERSE SIDE*******

[10] REPORT DISPOSITION (*Indicate actions taken on reverse side*)

TAKEN BY: Karen EMERGENCY ACTION? ___ YES ___ NO BY: FM OEPA ( )

ORD: Rahman REPORT/ACTION APPROVED: K Hackett DATE: 6/29/92

LOGGED BY: DATE: ___/___/___ ENTERED BY: DATE: JUN 30 1992

CIRCLE STATUS: RPT SUS DIS (CON) ICA ICR PRIORITY: 1 (2) 3 4 CLASS: A B C (D) (LTF) NON-LTF

ICC SAS SAC CAS CAP NFA

[4] RELEASE INFORMATION

DATE FIRST DETECTED: 4/8/92 TIME: ? EST. QUANTITY: _____

SUBSTANCE RELEASED/DETECTED: ✓ GASOLINE ___ DIESEL FUEL ___ KEROSINE ___ USED OIL

___ OTHER PETRO ___ HAZ SUBST ___ UNKNOWN EST. DURATION: _____

MEDIA EFFECTED (*Check all that apply*): ___ SOIL ___ PAVEMENT ___ BASEMENT ___ SEWERS

___ GROUNDWATER ___ SURFACE WATER ___ OTHER: _____

LTF ELIGIBLE? ___ YES ___ NO *If no, why?*: _____

[5] UST INFORMATION

FACILITY REGISTRATION CURRENT? __ YES __ NO __ UNKNOWN (*Attach USTR's for all facilities*)

NUMBER OF TANKS: ___ RELEASE DETECTION METHOD: _____

AGE	CAPACITY	-CONST.- MATERIAL	SUBSTANCE STORED	STATUS	AGE	CAPACITY	-CONST.- MATERIAL	SUBSTANCE STORED	STATUS
Unk	2500	Steel	Gas	Abandon in Place					

PROBABLE LOCATION OF RELEASE: TANK NO.__ PIPE BETWEEN _____ AND _____

PROBABLE CAUSE: _____

OTHER POTENTIAL SOURCES AT THIS LOCATION: _____

[6] SITE/HAZARD INFORMATION

IMPORTANT SITE OR SURROUNDING AREA CHARACTERISTICS: Commerical & Resdental

PROXIMITY TO DRINKING WATER SOURCES: City

OTHER FIRE/WATER/HEALTH HAZARDS AT THE SITE: none- no wells-

[7] INITIAL RESPONSE ACTIONS BY OWNER/OPERATOR (*Check all that apply*)

___ Release confirmation/Investigation
___ Initial corrective action procedures
___ Free product removal
___ Long term corrective action plan
___ Initial site investigation
___ Site/Assessment/Exposure Assessment
___ Unknown/undetermined
___ None

[8] WERE ANY OTHER AGENCIES NOTIFIED PRIOR TO BUSTR? (*As Reported*)

AGENCY: _____ NAME: _____ DATE: __/__/__

[9] BUSTR ACTIONS TAKEN

CALLS TO: FD LFD, LPW, ODH, OEPA/ER, OEPA/DPDW, OEPA/DGW, OTHER

DELEGATED PERMIT FOR UNDERGROUND STORAGE TANKS

OHIO DEPARTMENT OF COMMERCE
DIVISION OF STATE FIRE MARSHAL
BUREAU OF UNDERGROUND STORAGE TANK REGULATIONS

I. OWNERSHIP OF TANK(S)	II. LOCATION OF TANK(S)
Owner Name (Corporation, Individual, Public Agency, or Other Entity) METROHEALTH MEDICAL CENTER 2636	Facility Number 18-2231
Street Address 2500 MetroHealth Medical Center	Facility Name or Company Site Identifier, as applicable Former Bauer Auto Radiator Site
City Cleveland State Ohio Zip Code 44109	Street Address or State Road, as applicable 3553 W.25th Street
Area Code 216 Phone Number 459-4141	County Cuyahoga
Type of Owner ☐ Private ☒ Local Gov't ☐ State Gov't ☐ Federal Gov't (GSA facility I.D. no:)	City (nearest) Cleveland State Ohio Zip Code 44109
III. CONTRACTOR	**IV. FIRE DEPARTMENT ISSUING PERMIT**
Contractor's Name To Be Determined EAM INC.	Fire Department Name Cleveland Fire Department
Contact Person GEORGE BETSCHOS Phone Number Will Advise When Known 216-867-6077	Street Address 1645 Superior Avenue East
Certified Installer's Name GEORGE BETSCHOS	City Cleveland State Ohio Zip Code 44114
Installer ID# 10-91-1813 EXP. 11-7-93	Phone Number

V. PERMIT

PERMIT ISSUED FOR:

REMOVAL ~~INDICATE~~ NUMBER AND SIZE OF TANKS

FIVE-2,500 GALS. underground storage tanks abandoned in place & filled with sand in 1966.

VI. CONDITIONS

1. Inspector will ask to see UST installer's proof of certification. Inspector must be present for the following:

Immediately before purging operations begin, immediately before the tank is cut open for any purpose and the actual removal of the UST system from the ground..

1.

2. Certified installer must be on-site for the following:

1. The cleaning and purging of the UST system;;
2. The actual excavation and removal of the UST system or any of its components;
3. All testing associated with the cleaning and purging processes;
4. Any time during the removal in which components of the UST system are disconnected or capped.

PERMIT NOT VALID UNLESS SIGNED BY LOCAL FIRE OFFICIAL

Permit Issued by: _____ Date: 5-21-93

Permit No. 1821550

COM 5210 Distribution: White - Owner; Canary - State Fire Marshal; Pink - Local Fire Agency

SITE LISTING UPDATE FORM

EXISTING INCIDENT #: 1 8 2 1 5 5 0 - ___ - ____ UPDATE.001 REV 8/89

FACILITY NAME: Metro Health Medical NEW FACILITY INFO? ____ YES ____ NO (Update on back)

[1] REASON FOR LISTING UPDATE

X [1] Written report/results received from owner/operator.
___ [2] Verbal report/results received from owner/operator.
___ [3] Written report received from BUSTR contractor.
___ [4] Information collected from BUSTR field examination/inspection.
___ [5] Change in site coordinator/contractor assignment.
___ [6] Change/delete existing incident number - explain change in remarks section [5].
___ [7] Create new incident number for additional suspected facility/location.
___ [8] Orders issued.
___ [9] Other:

[2] NEW SITE LISTING DATA

INCIDENT #: ___ ___ ___ ___ ___ ___ - ___ ___ - ___ ___ ___ ___
REPORT NUMBER FAC TRKG# SPRC

EMERGENCY RESPONSE: ___ YES ___ NO BY: ___ FM (_____) ___ OEPA ___ USEPA

STATUS: ___ RPT ___ SUS ___ DIS ___ CON ___ ICA X ICR ___ ICC ___ SAS ___ SAC ___ CAS ___ CAP ___ NFA

PRIORITY: ___ 1* X 2 ___ 3 ___ 4 ___ 5

CLASSIFICATION: X A ___ B ___ C ___ D LTF ELIGIBILITY: ___ YES (1) ___ NO (2)

SITE COORDINATOR: _____ CONTRACTOR: _____ WORK ORDER: _____

* [3] SITE SUMMARY (UPDATE FOR ALL PRIORITY 1 SITES)

(First sentence - why is it a 1? Second sentence - who is doing what at this time)

[4] NEW EXCEPTION REPORT DATA

___ [1] State plans to obligate over $100,000 at a site.
___ [2] State actually obligated over $100,000 at a site (cumulative expenses exceeded $100,000 this quarter).
___ [3] State plans to use innovative or experimental technology at the site.
___ [4] State plans to provide permanent alternative drinking water supply.
___ [5] State plans to permanently relocate residents.
___ [6] State reached/received cost recovery settlement; amount: _____.

[5] SITE MANAGEMENT REMARKS

(BUSTR actions needed/taken, reports expected, etc.)

Real Estate SI (3/92) Soil B ↑1940 ppb GW.
MW1 B 165 ppb T 22.4 E 3490 X 5760 MW2 B 305 ppb E 6.2 X N2
(5/93) Closure of 4 - 2500 gal USTs previously abandoned sand & water
Last used 1966 4 soil B↑750 ppb T↑2800 E↑29,000 ppb X↑28,000 pp

[6] FOLLOW-UP BUSTR ACTIONS/ASSIGNMENT

(For use by supervisor) TPH ↑ 176 ppm
GW MW1 B 110 ppb T ND E 1900 X 4460 MW2 B 60 ppb T ND
E 6 ppb X 4.1 ppb MW3 BTEX ND
Category 4 Site. Metro Health not O/O NEEDS SI
NEEDS RF

UPDATE SUBMITTED BY: _____ DATE: 8/13/93

APPROVED: _____ DATE: 8/13/93 ENTRY: _____ DATE: AUG 19 1993

[7] SUSPECTED/CONFIRMED RELEASE LOCATION

FACILITY: _____ USTR#: _____

ADDRESS: _____ COUNTY: _____

CITY: _____ ST: _____ ZIP: _____ PHONE: |_____|_____

UST OWNER: _____ PHONE: |_____|_____

FACILITY REMARKS: _____

_____

FIRE DEPT: _____ CONTACT: _____ PHONE: |_____|_____

[8] OWNER INFORMATION

NAME: _____ TITLE: |_____|_____

ADDRESS: _____

CITY: _____ ST: _____ ZIP: _____ PHONE: |_____|_____

[9] OPERATOR INFORMATION

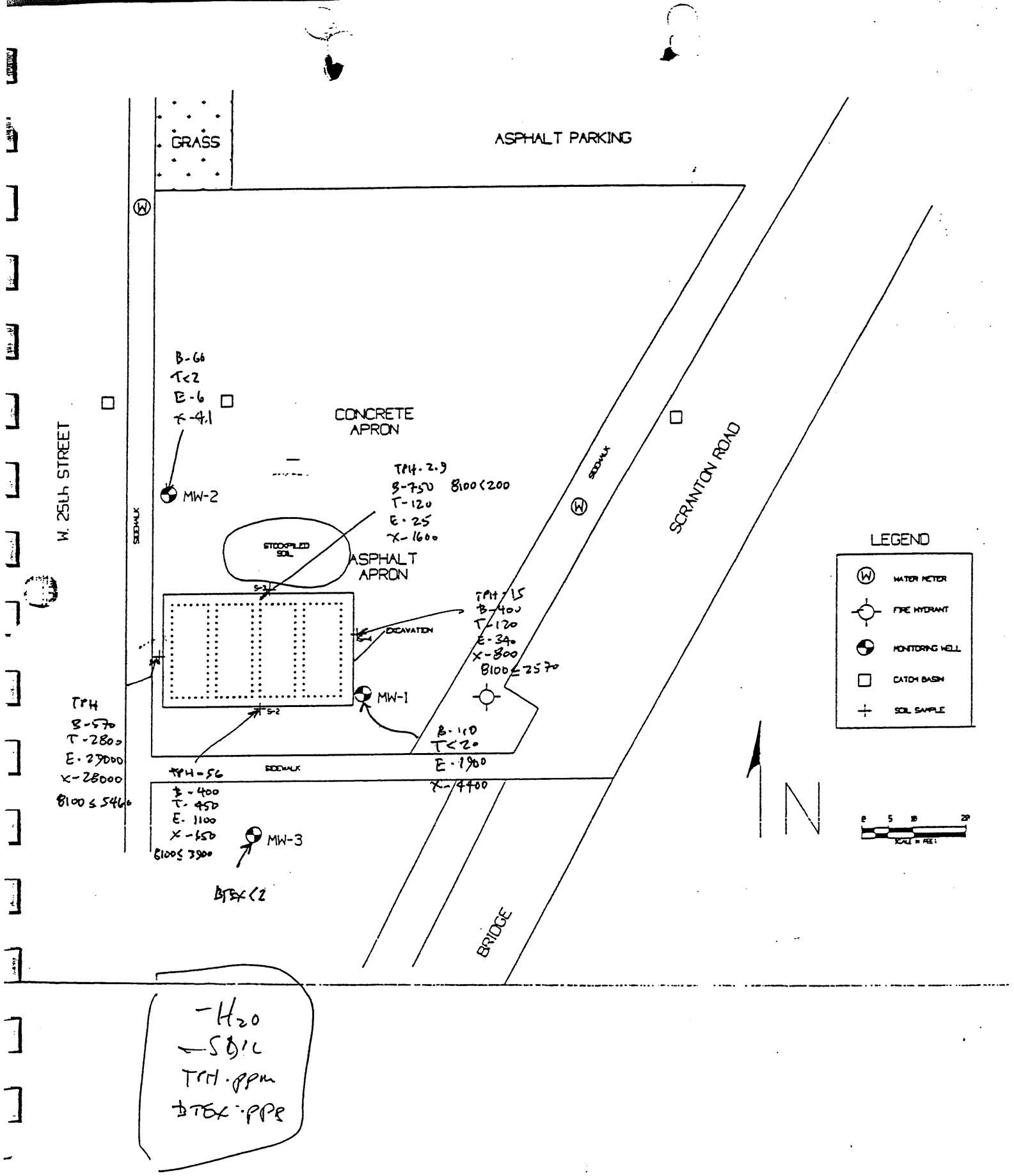
NAME: _____ TITLE: |_____|_____

ADDRESS _____

CITY: _____ ST: _____ ZIP: _____ PHONE: |_____|_____

~~[illegible]~~ ~~516.77~~ tons soil to landfill documented

516.77



-H_2O
-Soil
TPH-ppm
BTEX-ppb

SITE LISTING UPDATE FORM

UPDATE.001 REV 8/89

EXISTING INCIDENT #: 1821550 - 002 - ____

FACILITY NAME: Metro Health Medical Center NEW FACILITY INFO? ___ YES X NO (Update on back)

[1] REASON FOR LISTING UPDATE

___ [1] Written report/results received from owner/operator.
___ [2] Verbal report/results received from owner/operator.
___ [3] Written report received from BUSTR contractor.
___ [4] Information collected from BUSTR field examination/inspection.
___ [5] Change in site coordinator/contractor assignment.
___ [6] Change/delete existing incident number - explain change in remarks section [5].
___ [7] Create new incident number for additional suspected facility/location.
___ [8] Orders issued.
___ [9] Other: Request for Responsible Party (RP) Search

[2] NEW SITE LISTING DATA

INCIDENT #: ____ ____ ____ ____ ____ ____ ____ - ____ ____ - ____ ____ ____ ____
REPORT NUMBER FAC TRKG# SPRC

EMERGENCY RESPONSE: ___ YES X NO BY: ___ FM (_____) ___ OEPA ___ USEPA

STATUS: ___ RPT ___ SUS ___ DIS ___ CON ___ ICA X ICR ___ ICC ___ SAS ___ SAC ___ CAS ___ CAP ___ NFA

PRIORITY: ___ 1* X 2

CLASSIFICATION: X A ___ B ___ C ___ D LTF ELIGIBILITY: (CIRCLE) (1) 2 6 ___ OTHER

SITE COORDINATOR: NECA

*** [3] SITE SUMMARY (UPDATE FOR ALL PRIORITY 1 SITES)**
(First sentence - why is it a 1? Second sentence - who is doing what at this time)

[4] NEW EXCEPTION REPORT DATA

___ [1] State plans to obligate over $100,000 at a site.
___ [2] State actually obligated over $100,000 at a site (cumulative expenses exceeded $100,000 this quarter).
___ [3] State plans to use innovative or experimental technology at the site.
___ [4] State plans to provide permanent alternative drinking water supply.
___ [5] State plans to permanently relocate residents.
___ [6] State reached/received cost recovery settlement; amount: _____. CAT 4 site

[5] SITE MANAGEMENT REMARKS
(BUSTR actions needed/taken, reports expected, etc.)

Site is impacted above BUSTR action levels in soil & GW both in the UST cavity area and in two monitoring well locations. USTs last used in 1966 reportedly by Shell Oil Co.
Site Assessment needed → RP search required.

[6] FOLLOW-UP BUSTR ACTIONS/ASSIGNMENT
(For use by supervisor)

GW: B 110 ppb; T ND; E 1900 ppb; X 4400 ppb

Soil: B 1940 ppb; T 2800; E 29,000; X 28,000; TPH 176 ppm

UPDATE SUBMITTED BY: S Lutz DATE: 5/23/95

APPROVED: Chad DATE: 5/23/95 ENTRY: dw DATE: JUN 01 1995

Site #11
Stripmatic

FILE

C of C 73-211
FS 29241 2-11-93
FS 29242 2-11-93
FS 29243 2-11-93
FA 4223-718-86
9/26/59

CITY OF CLEVELAND

BUILDING RECORD

DEPARTMENT OF PUBLIC SAFETY—DIVISION OF FIRE
FIRE PREVENTION BUREAU

C. T. D. 2

STREET ABBEY AVE. HOUSE No. 1501 BLDG. NAME

STORIES 1 CONSTRUCTION Brick/Block 150x250

OCCUPANCY Industrial N.C.

OWNER OR AGENT STRIPMETAL PRODUCTS ADDRESS

FOR PARTICULARS SEE INSPECTIONS BY WARDENS OR COMPANIES UNDER DATE LISTED BELOW IN INSPECTION FILE NO.

Enter All Fires In Chronological Order in Red Ink

Date	Inspector	Conditions Found	Closed
0-24-40	#5446 @	10,24 A.M. BROKEN GAS LINE - NONE —	
-31-41	Kiste.	Abbey Wrecking Co. - Storage yard & sheds - All	OK
-31-41	Kiste.	Burning in yard . No cause for complaint	
-23-41	Kiste.	Complaint Chief Reese will call at Newman Wrecking Monday & give orders to clean up lot at Central Viaduct.	
-25-41	Kiste.	Claims has right to use lot for dump by owner.	
-23-42	McIntyre	O.C. 1/19/42 - Burning rubbish in yard. Mgr. stated they do not burn rubbish as it is hauled away once every 2 wks.	
		No cause for complaint	File 14
-6-44	Kiste.	Newman House Wrecking Co. gave orders to Mr. Newman to clean up yard of rubbish.	
-15-44	Kiste.	Viol. 7-6-44 - Abated.	OK
7-5-45	Kiste.	Newman House Wrecking Co.	OK
2-29-45	#6743 @ 7,15 P.M. FR. SHED. SPARKS, GRAINING MACH. NO LOSS		
1-1-45	Kiste.	OC. 9-10-45 Viol. Abated	OK
-26-46	Rutenbeck	Newman Wrecking Co.	OK
-16-46	Rutenbeck	Left mimeograph copy with Pincus Newman with violations underscored & 30 days to comply.	
-20-46	Rutembeck	Newman Wrecking Co. They are in the Process of razing the old wooden Bldg. Plans are to build a concrete Bldg. and move the circut or saw in rear of lot next to Brick Bldg.	
-25-46	Rutenbeck	Newman Wrecking Co.	OK
4-4-47	#2284 @ 3,05 PM. (GRASS) CARELESS TORCH — — —		NONE
-16-47	Corrigan	Newman Wrecking Co. found temporary wiring same will be replaced in new cinduit lines.	
-2- 48	Corrigan	Newman Wrecking Co. Insp. all bldgs. and checked yard. Ordered saw dust pile removed from plaining mill bldg. and this bldg. to be cleaned.	
-20-48	Corrigan	Newman Wrecking Co, Ordered sawdust pile removed in Bldg. at South end of yards.	

ABBEY AVE. STREET

1501 HOUSE NO.

OTHER FRONTAGE

STREET ABBEY AVE. HOUSE No. 1501 BLDG. NAME

Date	Inspector	Condition Found	Closed
2-2-49	Corrigan	Newman Wrecking Co. Ordered sawing room to be cleaned of sawdust: Everything else	OK
7-22-52	#5644 ©	7:51 P.M. CARE SMOKER	NONE
10-1-52	McClure	Approved installation 1-6000 underground fuel oil tank Permit # 290 American Cartage Co.	FILE
2-12-53	Schlund	Notified foreman of Trucking Co. about blocking West 15th St. Recommend ONE WAY signs for trucks be placed at corner of West 15th and Abbey.	
3-3-55	Archibald	Ordered to discontinue burning rubbish--Abated.	
12-30-55	Archibald	Inspected - See report	
11-14-59	H # 1	Major Insp.	FILE
1/15/62	Eland	1-6,000 gal. V/G tank # 2 fuel oil	No viol.
1/20/64	TEDRAHN	ISSUED NOTICE SEE REPORT	FILE
1/23/64	Tedrahn	Mem exceeds 27,000 sq ft in one area	
1/24/64	Tedrahn	Slugmaster Products Co. Tower Chief Schlund	
2/3/64	Tedrahn	Refer Bldg #163-64 RE Classification	FILE
12/6/65	McAdams	Insp. See report	
1/11/66	Eng 2	[illegible]	
10/17/66	Gallagher	Survey Insp. Target	
11/23/66	McAdams	Insp No Viols	FILE
11-24-69	Hedrick	Insp.	V.R.
3-6-72	Hedrick	Insp. See Report re: LP Tanks, Continued	FILE
2/25/81	[illegible]	Insp. [illegible]	FILE
4-2-86	Cummings	Disapproved plans for Fire Alarm	
5/20/86	Smith	Complete - 2 V/O's	FILE
5/23/86	Smith	Notice of Violation letter sent	
7/2/86	Smith	Reinsp 2 abatements	
7/24/86	Cummings	Plans approved for a non-required fire alarm System	
10/13/86	Hearns	F.A. Test rescheduled	
10/14/86	Hearns	FA test withholding approval	
12/29/87	Tisdale	Complete Insp. See Report	FILE
12/29/87	Tisdale	Rec'd fund for Haz. Sub. #25495	FILE
5-8-92		letter sent	
1-4-93	Ritter	Permit Insp. denied	
5-17-95	AUSTIN	COMPLETE INSP.	
6-1-95	AUSTIN	RE-INSP. - DUMPSTER ABATED	FILE

CITY OF CLEVELAND
DIVISION OF FIRE
FIRE PREVENTION BUREAU

Address	1501 ABBEY	Inspection District	Census Tract
Property Name	Property Number	Structure No.	Fire Demand Zone
Responsibility Party	Address		Telephone
Parcel No.	Type of Construction	Number of Stories	Ground Floor Area

FOR PARTICULARS SEE INSPECTIONS BY INSPECTORS OR COMPANIES UNDER DATES LISTED BELOW. ENTER ALL FIRES IN CHRONOLOGICAL ORDER IN RED INK.

DATE	INSPECTOR	REMARKS
7-21-95	Austin	Corrects Insp - Approved FILE
5/23/96	Marrero	TARGET FILE
5/11 98	Redman	send ltr #6 - C of O approved F.
2/11/99	Peterson	site inspection
3/12/99	Peterson	C of O - forward letter #6
3/17/99	Peterson	Complete insp.

ABBEY AVE. STREET

1501 HOUSE NUMBER

FILE

FILE

CITY OF CLEVELAND
DEPARTMENT OF PUBLIC SAFETY
DIVISION OF FIRE

Permit No. 290

Application No. _____

File No. _____

Fee $ 10.00

$ _____

$ _____

$ _____

Total Fee $ 10.00

Application For Permit to Install Storage Tanks for Hazardous Substances

Cleveland, Ohio 9-26- 1952

To the Chief of the Division of Fire:

I, AMERICAN CARTAGE Co (owner) hereby make application for a permit to install Storage Tanks, for Hazardous Substances, as described in this Application and the accompanying drawing which are part of this Application.

LOCATION AND DESCRIPTION OF LOT

No. and Street 1501 - ABBEY AVE. Sublot No. _____

LOCATION AND DESCRIPTION OF TANKS

Dimension and Capacity 1 - UNDERGROUND TANK - 5000 GAL CAPACITY
102" DIA - 16'2" LONG

Size of Vent 2" Size of Fill Pipe 3" Thickness of Tank Material 3/16"

Distance from Lot line 170' between tanks ONE TANK ONLY from street line 170'

Distance from Buildings on Premises 8' Use of Tank FUEL OIL #2

Installed by UNION OIL Co OF Ohio Address 265 JEFFERSON Tel. PR 1-4300

Owner AMERICAN CARTAGE Co Address 1501 ABBEY AVE Tel. SU 1-0946

Comments ESTIMATED COST 4000.00

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained, and to comply with all ordinances of the City of Cleveland, the laws of the State of Ohio, and all the rules and regulations of the State Fire Marshal, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, relating to the Storing of Hazardous Substances.

Applicant AMERICAN GARAGE Co
PER L Anderson

To the Chief of the Division of Fire:

I hereby certify that I have examined the data furnished by the applicant and the same is approved.

Examiner of Plans _____ Division of F[redacted] Building.

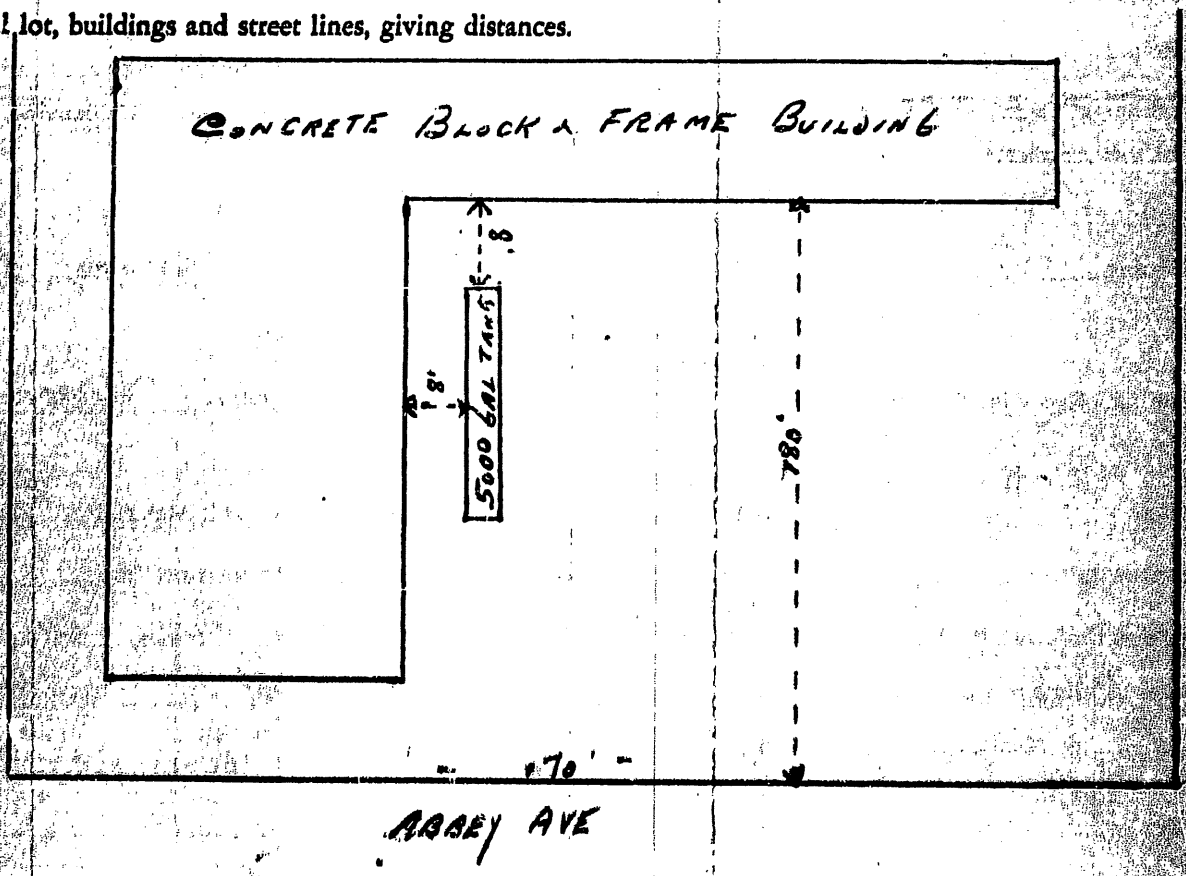
I hereby approve the above application for Permit to install the tank (s).

Elmer M. Cain Chief
DIVISION of FIRE

Per Captain Schumacher

SITUATION PLAN

Show all lot, buildings and street lines, giving distances.



CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY
DIVISION OF FIRE
FIRE PREVENTION BUREAU

FILE

24 Nov 69 19

1501 Abbey.

Owner: Abbey Corp - Term. Tower Bldg
Eugene Porter - Maneges Estate

Occupant: Steipmatic Products
T. L. LANZA - Pres.
McIntosh V.P.

Towed: Geo Kohoun - Maint.

Occupancy: Ind N.C.

Const: II & III - 1 & 2 St - 200'W x 250'D x 20'H

Housekeeping & Conditions - Good

Portable Extinguishers Maintained.

1 - 5000 Gal - III Y/e Tank for Fuel Oil

Permit #290

L.P. Gas Powered Lift Trucks - 8, 80WC TANKS

House keeping & Conditions Good.

No Apparent Violations

Inspector: C. D. Hindman

Total Fee $ 50.00

CITY OF CLEVELAND
Department of Public Safety
Division of Fire

Permit # 0962
Date of Application 9-1-95

APPLICATION to ~~REMOVE~~ ABANDON-IN-PLACE ____ TANKS for ALL SUBSTANCES, other than water, above ground ____ underground X inside X outside ____ other ____

1501 ABBEY AVENUE, CLEVE., OH (LOCATION) STRIPMATIC (OCCUPANT) Tank spec's ASME ____ API ____ ICC ____ UL ____ Other ____

PUMPS: type -- submerged -- inline -- remote --. Valves req'd; -- relief -- excess flow -- impact -- internal check --
other ____ swing line ____

UNDERGROUND: Depth of fill cover (circle) 1½'; 2'; 2½'; 3'; 4'. Type of fill cover; ____ Sand bed & fill, 6"; 12".
ABOVE GROUND: Dikes (state dimensions, capacity & material) ____

Grounding arrangement: ____ support protection: ____

1 Tank(s) cap. ____ size 4,000 gauge ____. Vent size ____, ____, arrestor req. ____ fill size ____ Fee $ 50.00
normal emrg. type ____
Distances to, lot line 30' street line 65' between tanks ____ building inside X. Contents Heating Oil ident. upon request

____ Tank(s) cap. ____ size ____ gauge ____. Vent size ____, ____, arrestor req. ____ fill size ____ Fee $ ____
normal emrg. type ____
Distances to, lot line ____ street line ____ between tanks ____ building ____. Contents ____ ident. ____

____ Tank(s) cap. ____ size ____ gauge ____. Vent size ____, ____, arrestor req. ____ fill size ____ Fee $ ____
normal emrg. type ____
Distances to, lot line ____ street line ____ between tanks ____ building ____. Contents ____ ident. ____

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained and to comply with all the ordinances of the City of Cleveland, the laws of the State of Ohio and all the rules and regulations of the State Fire Marshall, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, relating to the Storage of hazardous Substances.

Applicant Elaine Eden, Project Manager SSC (SIGNATURE) Chief WILLIAM KERN (TC) Zoning: Map ____ Sh ____ -

ELAINE EDEN, PROJECT MANAGER per Terry O'Hanlon (FIRE PREVENTION BUREAU) Use ____

Removed by SAMSEL SERVICES COMPANY Tel: (216) 861-3949

2195 DRYDOCK AVENUE CLEVELAND, OHIO 44113

Remarks ____

C OF C 73-22A "B" F.P.B. 4/1/89

DATE: September 28, 1995

TIME: _____

TANK INSTALLATION & REMOVAL ROUTING FORM

LOCATION: 1501 Abbey Ave FACILITY: Stripmatic

_____ A/G TANKS SIZE & NUMBER: _____

XX U/G TANKS SIZE & NUMBER: (1) 4000 Gallon Steel Tank

CONTRACTOR: Samsel Services 861-3949

INSPECTOR (S) : Terry chambers

SITE CONDITIONS: _____

Yes A. GENERAL SAFETY (SOURCE OF IGNITION , ETC.)

Yes B. TANKS EMPTY OF PRODUCT [note type of product] Heating Oil

Yes C. TANKS PURGED (HOW ?) Air

_____ D. CONDITION OF TANK (S): Good

_____ E. CONTAMINATION: No Levels Noted

_____ F. PERMITS (TANK INSTALLATION / HAZ. SUB.)

Slurry #0962

VOIDED ? _____ PERMIT NO. (S). 0962 dated 9-1-95

REMARKS: I Inspector Chambers witnessed the slurry of one 4000 gallon steel tank located inside the building. Samsel Services took boring samples prior to closure. Results to follow.

X: C Hambers

FPB revised 10/27/93

UNDERGROUND STORAGE TANK CLOSURE REPORT
HEATING OIL TANK

STRIPMATIC PRODUCTS
1501 ABBEY AVENUE
CLEVELAND, OHIO 44113
CUYAHOGA COUNTY

Performed for:

STRIPMATIC PRODUCTS
1501 ABBEY AVENUE
CLEVELAND, OHIO 44113

Performed by:

SAMSEL SERVICES COMPANY
2195 DRYDOCK AVENUE
CLEVELAND, OHIO 44113

Karen Armstrong
Project Manager

October 6, 1995

TABLE OF CONTENTS

		Page
I.	INTRODUCTION	
	Owner/Operator Information	1
	UST System Information	1
II.	DISPOSAL INFORMATION	
	UST System	2
	UST Contents	2
	Soil/Backfill Material	2
III.	SAMPLING & LABORATORY INFORMATION	
	Sampling Description	3
	Field Screening Methodology	3
	Laboratory Information	4
IV.	RESULTS	
	Field Screening Results	5
	Laboratory Analytical Results	5
	Native Soil Description	6
	Visual Site Evaluation	6
V.	SITE FEATURE SCORING SYSTEM (SFSS)	
	SFSS Chart	8
	SFSS Justifications	7
	SFSS Checklist	9
VI.	CONCLUSIONS	10

Enclosures:
Figure 1 Topographic Map
Figure 2 Site Map
Appendix A Notification & Permit
Appendix B Laboratory Results

I. INTRODUCTION

Owner/Operator Information

The underground storage tank (UST) is owned and operated by Stripmatic Products, located at 1501 Abbey Avenue in Cleveland, Ohio 44113, in Cuyahoga County (Figure 1). The UST is located inside the plant in the deburring department, under a concrete floor. Due to the location of the UST, it was permanently abandoned in placed and not removed. Permission to abandon the tank in place was received from the Cleveland Fire Prevention Bureau before closure activities were started.

UST System Information

The UST is a 6,000 gallon, steel tank, that contained heating oil and was used to fuel the facility's heating system. The tank was last used in the winter of 1992/1993 and has been in place since at least 1944, when Stripmatic Products purchased the building. The contents were removed from the UST and it was cleaned on September 27, 1995. The tank was filled with a concrete slurry on September 28, 1995, in the presence of Inspector Terry Chambers, with the Cleveland Fire Prevention Bureau.

II. DISPOSAL INFORMATION

UST System

The 6,000 gallon UST was abandoned in place, not removed. As a result, disposal of the tank system is not applicable.

UST Contents

Approximately 100 gallons of heating oil and water were pumped from the UST and stored on site in two (2) 55-gallon steel drums. The material was subsequently transported to Research Oil located at 2777 Broadway Avenue in Cleveland for recycling.

Soil/Backfill Material

Approximately 10 cubic yards of soil overburden was removed to access the top of the tank. The soil was removed and staged on the concrete floor, adjacent to the UST (Figure 2). The soil consisted of gray brown sandy fill material. A visual inspection of the soil indicated that it was not stained and that there was no petroleum odor. Two samples were collected from the stockpile, and the sample with the higher relative concentration of volatiles was submitted to the laboratory for analysis. The soil was returned to the cavity on October 2, 1995 and the concrete floor was subsequently replaced.

III. SAMPLING & LABORATORY INFORMATION

Sampling Description

Soil samples were collected from immediately under each end of the UST through holes that were drilled through the bottom of the tank (Figure 2). Samples were collected by hand using a new pair of disposable latex gloves for each sample. The samples were collected by Joe Mankowski, certified tank installer, under the direction of Karen Armstrong, geologist.

Each sample was split into two representative halves. One half was placed into a laboratory-cleaned glass jar and sealed with a Teflon-lined screw lid and placed into a cooler for possible laboratory analysis. The other half was placed into a new Zip-loc bag with enough headspace to allow for volatilization of any organic compounds in the sample.

Field Screening Methodology

The samples in the sealed bags were used for field screening purposes to determine which sample should be submitted for analysis. The samples were screened with a calibrated HNU photoionization detector (PID) which is used to detect relative concentrations of volatile organic compounds (VOCs). The field screening results are given in Table 1 of the RESULTS section. Based on the field screening results, the sample from the west end of the cavity was chosen for analysis. The corresponding sample contained in the glass jar was delivered to the laboratory using appropriate chain-of-custody protocol.

Laboratory Information

One soil sample from the cavity and one sample from the overburden stockpile were submitted to BEC Laboratories, Inc., located on Enterprise Parkway in Twinsburg, Ohio, for analysis. The samples were collected on September 27, 1995 and were received by the laboratory on September 28, 1995. The samples were analyzed for total petroleum hydrocarbons (TPH) by EPA Method 418.1 and for benzene, toluene, ethylbenzene and total xylenes (BTEX) by EPA Method 8020. Additional information about the laboratory may be found in Appendix B with the complete laboratory report. A summary of the analytical results for the samples is in Table 2 in the RESULTS section.

IV. RESULTS

Field Screening Results

Two (2) samples were collected from the soil directly underneath the UST and two (2) samples were collected from the overburden (Figure 2). The samples were screened with a calibrated HNU and the one with the highest PID reading was submitted to the laboratory for analysis. The results of the field screening are given below in Table 1.

TABLE 1
Field Screening Results
All Samples
Values are in parts per million (ppm)

LOCATION	PID READING	BACKGROUND PID
*UST West	9.8	1.0
UST East	9.3	1.2
Stockpile #1	1.1	0.9
*Stockpile #2	3.1	0.9

*Submitted to laboratory for analysis (SSC# 6219 and 6220)

Laboratory Analytical Results

Soil samples SSC# 6219 and 6220 were submitted to the laboratory and analyzed for TPH and BTEX using the EPA methods given previously. The results of the laboratory analyses are summarized in Table 2. The complete laboratory report is located in Appendix B.

TABLE 2
Laboratory Analytical Results
Values in milligrams/kilograms (mg/kg), equivalent to ppm

SAMPLE	TPH	BENZENE	TOLUENE	ETHYL-BENZENE	TOTAL XYLENES
SSC# 6219					
UST West	160	<0.002	<0.002	<0.002	0.0062
SSC# 6220					
Stockpile #1	380	<0.002	<0.002	<0.002	<0.002

Native Soil Description

The native soil was not observed at the site because the UST was not removed. The soil observed in the samples under the tank was brown sand. It is not clear whether this was fill or native soil used as fill.

Visual Site Evaluation

Mr. Terry Chambers, of the Cleveland Fire Prevention Bureau in Cleveland, Ohio, was on site for the UST closure in place on September 28, 1995. Mr. Chambers witnessed the empty, cleaned tank and was on site when it was filled with a concrete slurry. The soil overburden looked visually clean, with no staining or petroleum odor. The tank appeared to be in good condition. The fill pipe was located above the UST and was adjacent to the concrete that was cut to access the tank (Figure 2).

V. SITE FEATURE SCORING SYSTEM (SFSS)

SFSS Chart

Although heating oil tanks do not fall under BUSTR guidelines, the SFSS Chart was completed for the site. This was done so that laboratory results could be compared with an established guideline.

The SFSS Chart is located on the following page. The total score for the site is 55, which places the site in Category 3.

SFSS Justifications

The justifications for each category on the SFSS Chart are given below:

1. Distance of UST system from closest potable-water supply source currently in use (20)
The USTs are located greater than 1000 feet from the potable-water supply which is taken from a source in Lake Erie. Lake Erie is located within 1.5 miles north of the subject site. The residents of Cleveland are on a city water supply and do not use domestic wells as a source of water.

2. Depth to groundwater (10)
The depth to groundwater at the site is classified as unknown. Groundwater was not encountered at the site during closure activities.

3. Predominant soil, type of substratum (10)
The native soil at the site was not encountered during closure activities and is classified as "unknown."

4. Natural and/or man-made conduits or receptors (15)
The UST system is located underneath a building and there is a sewer line within 50' of the system. Water lines within the building are aboveground and electrical lines are overhead, outside the building. None of the other features listed were within the specified distances.

(USE "SFSS GUIDELINES" TO COMPLETE THIS CHART)

I. OWNERSHIP OF TANKS	II. LOCATION OF TANKS
Stripmatic Products 1501 Abbey Avenue Cleveland, Ohio 44113 Cuyahoga County	Stripmatic Products 1501 Abbey Avenue Cleveland, Ohio 44113 Cuyahoga County

Site Features	COLUMN A		COLUMN B		COLUMN C		COLUMN D	
	Score 20	Enter Score	Score 15	Enter Score	Score 10	Enter Score	Score 5	Enter Score
1. Distance of UST system from closest potable-water supply source currently in use is:	> 1000 ft.	20	300-1000 ft		< 300 ft.		Inside of designated sensitive area	
2. Depth to groundwater is:	> 50 ft.		31-50 ft.		15-30 ft. or unknown	10	< 15 ft.	
3. Predominant soil type of substratum is:	Clay or shale		Silt or clayey sands or fine sandstone		Silty sand or fine sand, unknown, or sandstone	10	Clean sand, gravel, or conglomerate	
4. Natural and/or man-made conduits or receptors - See Worksheet Below	< 8		8-10	15	11-13		> 13	
Subtotals:		20		15		20		0
							TOTAL SCORE (SUBTOTALS)	55

SITE FEATURE 4 WORKSHEET:

Basements or subsurface foundations within 100 feet of UST system	4 points	4
Storm sewer within 50 feet of UST system	4 points	4
Sanitary sewer within 50 feet of UST system	4 points	-
Septic system leach field within 50 feet of UST system	2 points	-
Water line main within 50 feet of UST system	1 point	-
Natural Gas line main within 50 feet of UST system	1 point	-
Bedrock area prone to dissolution along joints of fractures within 100 feet of UST system	1 point	-
Faults or known fractures within 100 feet of UST system	1 point	-
Buried telephone/television cable main within 50 feet of UST system	1 point	-
Buried electrical cable main within 50 feet of UST system	TOTAL POINTS	8

SSFS ACTION LEVELS (PPM)

CONSTITUENT	CATEGORY 1	CATEGORY 2	CATEGORY 3	CATEGORY 4
TOTAL SCORE	< 31	31-50	51-70	> 71
Soil BTEX	.006/4/6/28	.170/7/10/47	.335/9/14/67	.500/12/18/85
Groundwater BTEX	.005/1/.700/10	.005/1/.700/10	.005/1/700/10	.005/1/.700/10
Soil TPH (Gasoline)	105	300	450	600
Soil TPH (Others)	380	642	904	1156

SFM SITE FEATURE SCORING SYSTEM (SFSS) CHECKLIST

(SUBMIT TO SFM AS APPENDIX OR ADDENDUM TO CLOSURE REPORT)

I. OWNERSHIP OF TANKS	II. LOCATION OF TANKS
Stripmatic Products 1501 Abbey Avenue Cleveland, Ohio 44113	Stripmatic Products 1501 Abbey Avenue Cleveland, Ohio 44113

SFSS WRITTEN REPORT MUST INCLUDE THE FOLLOWING:

SFM USE	PAGE NO.	
_____	8	A. The completed "SFSS Chart".
_____	7	B. Written report which must include justification for site features 1 through 4 which include th e following:
		1. Distance of UST system from closest potable-water supply source currently in use within 1/4 mile.
		2. Average depth to groundwater.
		3. Predominant soil type of substratum in UST excavation.
		4. Natural and/or man-made conduits/receptors near closed UST system.
_____	5	C. Soil and/or groundwater analytical sample results in table format from closure report.

NOTE: DEFICIENT "SFSS REPORTS AND CHARTS" SUBMITTED TO OUR OFFICE WILL BE RETURNED TO THE OWNER FOR COMPLETION. SEND THE "SFSS REPORT AND CHART" TO THE ADDRESS AS INDICATED ON THE ENCLOSED COVER LETTER.

Preparer Name: Karen Armstrong **Signature:** Karen Armstrong **Date:** 10-06-95

1

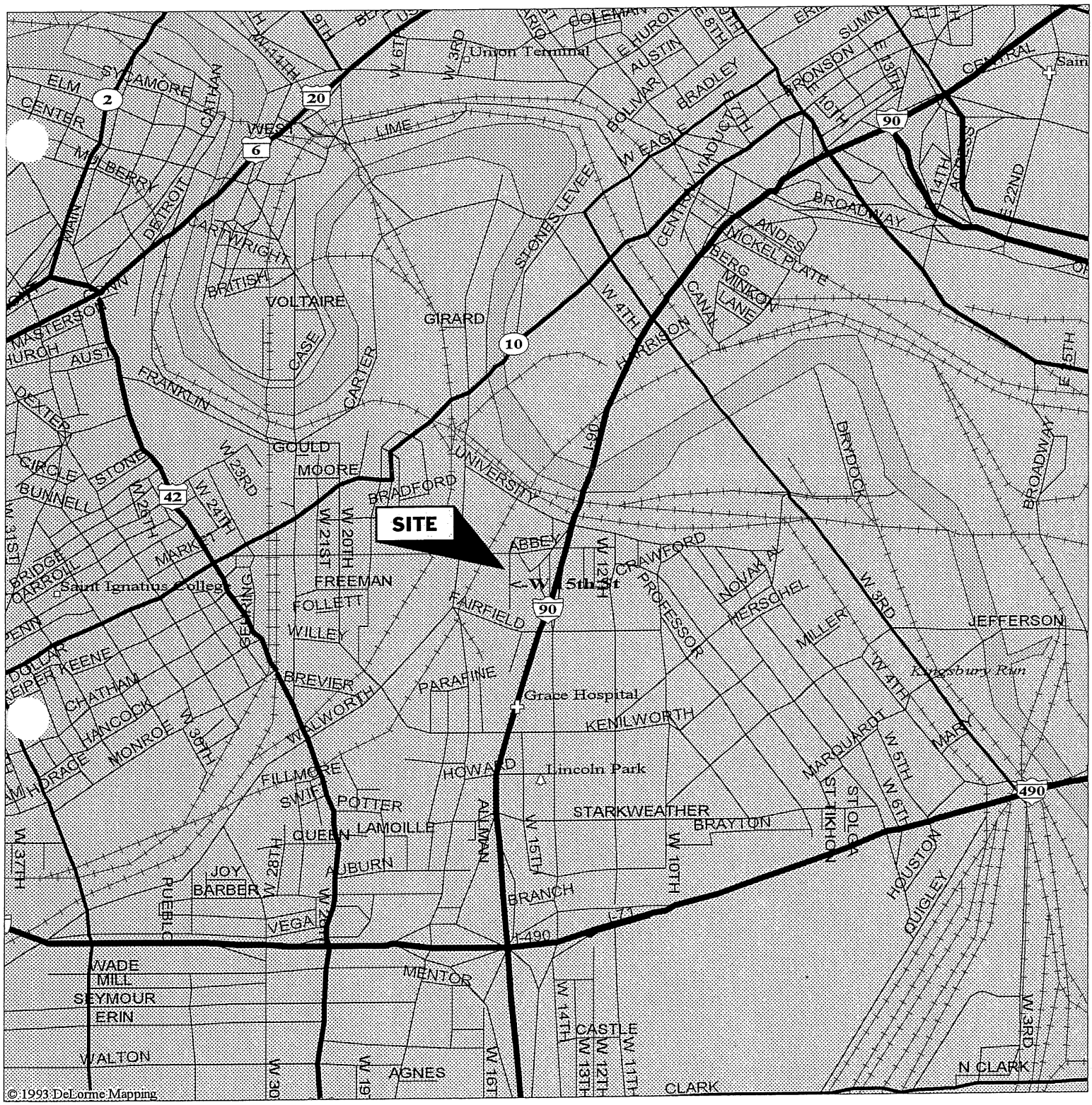
Owner/Operator: William J. Adler, Jr. Pres. **Signature:** William J. Adler **Date:** 10-10-95

BUREAU USE ONLY

Reviewed By: _____ **Signature:** _____ **Date:** _____

VI. CONCLUSIONS

TPH concentrations were present in both the sample from the UST and the stockpile. However, the concentrations in both samples were below BUSTR Category 3 allowable limits. Benzene, toluene and ethylbenzene were not detected in either of the samples that were tested. Total xylenes were detected in the sample from underneath the tank. The xylene concentration was well below the limit established by BUSTR for Category 3 sites.



LEGEND

- Population Center
- State Route
- Geo Feature
- Hospital
- Park
- Interstate, Turnpike
- US Highway
- Street, Road
- Hwy Ramps
- Major Street/Road
- State Route
- Interstate Highway
- US Highway
- Railroad
- Open Water

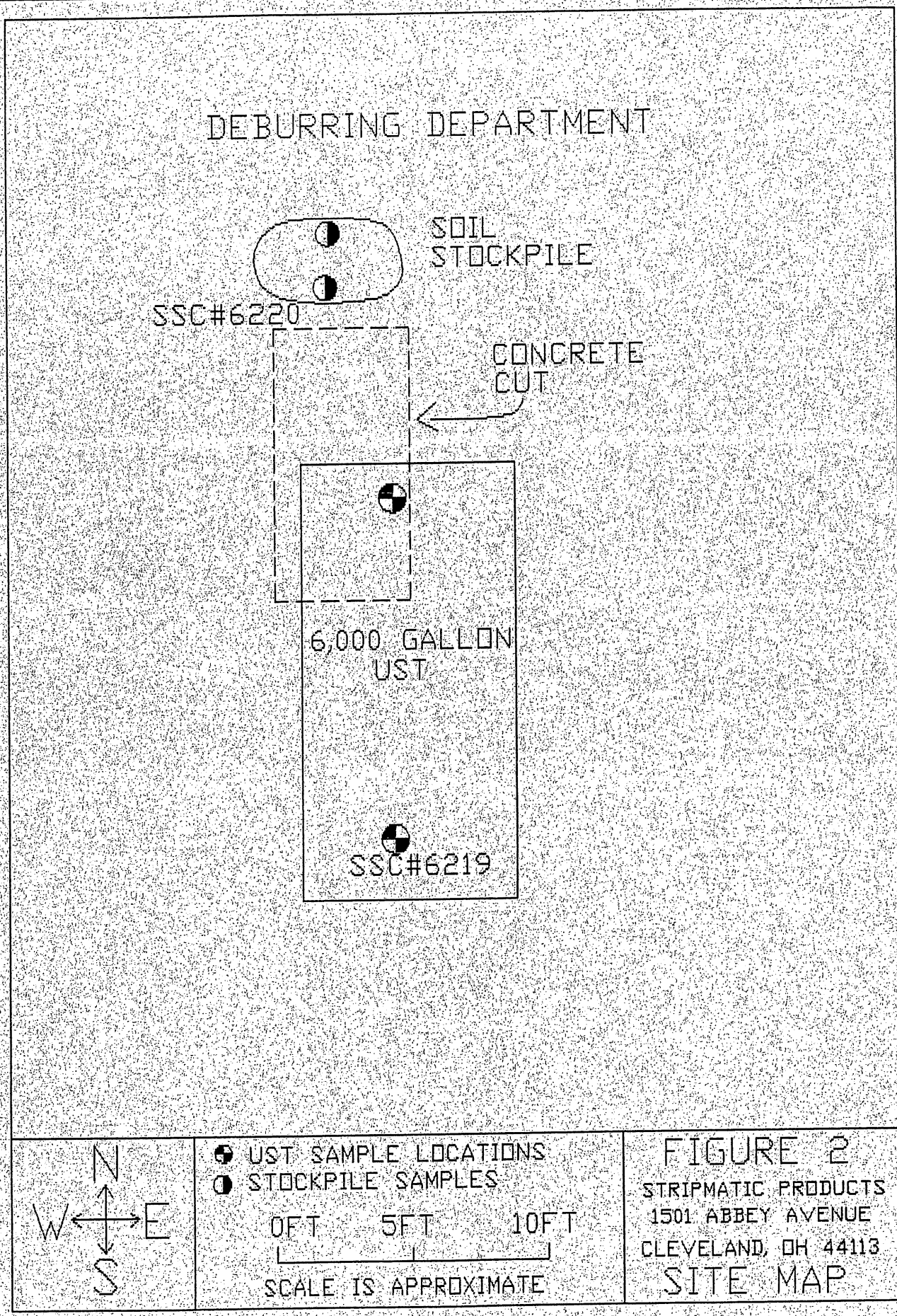
Scale 1:15,625 (at center)

1000 Feet

500 Meters

N

Figure 1 Stripmatic
Mag 15.00
Thu Oct 05 16:29:42 1995


DEBURRING DEPARTMENT
SOIL
STOCKPILE
SSC#6220
CONCRETE
CUT
6,000 GALLON
UST
SSC#6219
N
W
E
S
UST SAMPLE LOCATIONS
STOCKPILE SAMPLES
0FT
5FT
10FT
SCALE IS APPROXIMATE
FIGURE 2
STRIPMATIC PRODUCTS
1501 ABBEY AVENUE
CLEVELAND, OH 44113
SITE MAP

APPENDIX A

30 DAY NOTIFICATION & PERMIT

Total Fee $_____

CITY OF CLEVELAND
Department of Public Safety
Division of Fire

Permit # 0962

Date of Application 9-1-95

APPLICATION to ~~REMOVE~~ ABANDON-IN-PLACE _____ TANKS for ALL SUBSTANCES, other than water, above ground _____ underground X inside X outside _____ other _____

1501 ABBEY AVENUE, CLEVE., OH (LOCATION) STRIPMATIC (OCCUPANT) Tank spec's ASME ____ API ____ ICC ____ UL ____ Other _____

PUMPS: type -- submerged -- inline -- remote -- . Valves req'd; -- relief -- excess flow -- impact -- internal check --
other _____ swing line _____

UNDERGROUND: Depth of fill cover (circle) 1½'; 2'; 2½'; 3'; 4'. Type of fill cover; _____ Sand bed & fill, 6"; 12".
ABOVE GROUND: Dikes (state dimensions, capacity & material) _____

Grounding arrangement: _____ support protection: _____

1 Tank(s) cap. _____ size 4,000 gauge ____. Vent size ____ (normal), ____ (emrg.), arrestor req. ____ fill size ____ Fee $ 50.00
Distances to, lot line 30' – street line 65' between tanks ____ building inside X. Contents Heating Oil type _____ ident. upon request

____ Tank(s) cap. _____ size _____ gauge ____. Vent size ____ (normal), ____ (emrg.), arrestor req. ____ fill size ____ Fee $ _____
Distances to, lot line _____ street line _____ between tanks ____ building _____. Contents _____ type _____ ident. _____

____ Tank(s) cap. _____ size _____ gauge ____. Vent size ____ (normal), ____ (emrg.), arrestor req. ____ fill size ____ Fee $ _____
Distances to, lot line _____ street line _____ between tanks ____ building _____. Contents _____ type _____ ident. _____

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained and to comply with all the ordinances of the City of Cleveland, the laws of the State of Ohio and all the rules and regulations of the State Fire Marshall, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, relating to the Storage of hazardous Substances.

Applicant _____ (SIGNATURE) Chief _____ Zoning: Map ____ Sh ____ –

ELAINE EDEN, PROJECT MANAGER per _____ (FIRE PREVENTION BUREAU) Use _____

Removed by SAMSEL SERVICES COMPANY Tel: (216) 861-3949

2195 DRYDOCK AVENUE CLEVELAND, OHIO 44113

Remarks _____

C OF C 73-226 P.B. 4/1/89

DIVISION OF STATE FIRE MARSHAL – BUSTR
8895 East Main Street, P.O. Box 687
Reynoldsburg, OH 43068-0687

04840

DELEGATED PERMIT FOR UNDERGROUND STORAGE TANKS

Permit No.: 0962
Issue Date: 9-1-95

I. Ownership of Tanks	Owner No:		II. Location of Tanks	Facility No:	
Owner/Operator Name STRIPMATIC PRODUCTS, INC.			Facility Name STRIPMATIC PRODUCTS., INC.		
Address 1501 ABBEY ROAD			Address 1501 ABBEY ROAD		
City CLEVELAND	State OHIO	Zip Code 44113	City CLEVELAND	State OHIO	Zip Code 44113
Attn.: (Contact Person) TONY SCRIMA		Area Code – Phone (216) 241-7143	Area Code – Phone (216) 241-7143		County Cuyahoga
III. Contractor			**IV. Local Fire Department**		
Contractor's Name SAMSEL SERVICES COMPANY			Fire Department Name CLEVELAND FIRE DEPARTMENT		
Contact Person ELAINE EDEN		Area Code – Phone (216) 861-3949	Address 1645 SUPERIOR AVENUE		
Address 2195 DRYDOCK AVENUE			City CLEVELAND	State OHIO	Zip Code 44114
City CLEVELAND	State OHIO	Zip Code 44113			

V. Permit Issued For: See Below *(Note: Owner's Copy of Permit must be available on job site.)*

Removals/Abandoments:

[101] Tank(s): **[102] Piping:** **[103] Total Systems:** 4,000 gallon heating oil tank

Installations:

[201] Tank(s): **[202] Piping:** **[203] Total Systems:**

Replacement:

[301] Tank(s): **[302] Piping:** **[303] Total Systems:**

Repairs:

[401] Tank(s): **[402] Piping:**

Upgrades:

[501] Tank(s): **[502] Piping:** **[503] Leak Detection:**

Change in Service/Temporary Closure:

[601] Systems:

DEPARTMENT OF COMMERCE • DIVISION OF STATE FIRE MARSHAL •

FIRE DEPARTMENT USE ONLY

Certified Installer: _____ ID No: _____

Inspector's Signature: _____ Date: _____

COM 5210 (Rev. 12/92)

SAMSEL SERVICES COMPANY
CLEVELAND
2195 Drydock Avenue
Cleveland, Ohio 44113

THE SERVICE PROFESSIONALS
LAND • WATER • UNDERGROUND
24 Hour Emergency Response: 216/861-3949
1-800-869-3949 • FAX: 216/861-3156

August 16, 1995

Release Prevention Supervisor
Division of State Fire Marshal
Bureau of UST Regulations
7510 East Main Street
P.O. Box 525
Reynoldsburg, Ohio 43068 - 33395

Samsel Services Company will be abandoning-in-place, one (1) 4,000 gallon heating oil underground storage tank.

TANK LOCATION INFORMATION

Stripmatic Products Incorporated
1501 Abbey Road
Cleveland, Ohio 44113

(216) 241-7143

Contact: Tony Scrima

OWNER / OPERATOR INFORMATION:

Same

We anticipate abandoning the tank in the month of September under the direction of the Cleveland Fire Department. Although the tank is not governed by BUSTR, BUSTR Guidelines will be followed.

Sincerely,

Elaine Eden

Elaine Eden
Project Manager

APPENDIX B

LABORATORY RESULTS

Samsel Services Company
Attn: Karen Armstrong
2195 Drydock Avenue

eveland, OH 44113

HEADQUARTERS/LABORATORY
705 FRONT STREET
TOLEDO, OHIO 43605
PHONE: (419) 693-5307
FAX: (419) 691-0418

ENVIRONMENTAL LABORATORY
1632 ENTERPRISE PARKWAY
TWINSBURG, OHIO 44087
PHONE: (216) 425-8200
FAX: (216) 425-1349

lab no. 95C02885
p.o. no. 22477

rev: 0

SAMPLE
DESCRIPTION: 950311 SOIL
SSC 6219 UST - WEST
9/27/95 2:15

RESULTS:

ANALYTE	METHOD	RESULT
Total Petroleum Hydrocarbons	EPA-600, 418.1	160 mg/Kg

Calibration date: 9/29/95
Analyst's name: Joseph W. Huml

date completed:	tech:	approved by:
09/29/95	JWH	Edward Hurst

All reports are submitted as confidential communications. Authorization for duplication in whole or in part is reserved pending our written approval, as a mutual protection.

Samsel Services Company
Attn: Karen Armstrong
2195 Drydock Avenue

.veland, OH 44113

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FAX: (216) 425-1349

lab no. 95C02885
p.o. no. 22477

rev: 0

SAMPLE
DESCRIPTION: 950311 SOIL
SSC 6219 UST - WEST
9/27/95 2:15

ANALYSIS: BTEX

PROCEDURE: The sample was analyzed as outlined in US EPA "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition, November 1986, Method 8020A.

RESULTS:

Benzene	less than 2 µg/Kg
Toluene	less than 2 µg/Kg
Ethylbenzene	less than 2 µg/Kg
m & p-Xylene	3.3 µg/Kg
o-Xylene	2.9 µg/Kg

SURROGATE RECOVERY:

a,a,a-Trifluorotoluene	105%

Calibration date: 10/19/94
Analyst's name: L. Neal Turzak

date completed:	tech:	approved by:
09/29/95	LNT	

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Samsel Services Company
Attn: Karen Armstrong
2195 Drydock Avenue

eveland, OH 44113

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PHONE: (419) 693-5307
FAX: (419) 691-0418

ENVIRONMENTAL LABORATORY
1632 ENTERPRISE PARKWAY
TWINSBURG, OHIO 44087
PHONE: (216) 425-8200
FAX: (216) 425-1349

lab no. 95C02886

p.o. no. 22477

rev: 0

SAMPLE
DESCRIPTION: 950311 SOIL
SSC 6220 STOCKPILE - #2
9/27/95 2:20

RESULTS:

ANALYTE	METHOD	RESULT
Total Petroleum Hydrocarbons	EPA-600, 418.1	380 mg/Kg

Calibration date: 9/29/95
Analyst's name: Joseph W. Huml

date completed:	tech:	approved by:
09/29/95	JWH	

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SAMSEL SERVICES COMPANY
CLEVELAND
24 HOUR EMERGENCY RESPONSE
216-861-3949

SAMSEL SERVICES COMPANY — CHAIN OF CUSTODY/SAMPLE REPORT

JOB #950311 | SAMPLER: Karen Armstrong | DATE: 9-27-95

CUSTOMER: Stripmatic

SITE ADDRESS: Abbey Ave

CITY, STATE, ZIP: Cleveland, OH

COMPLETE ENTIRE FORM FOR DISPOSAL SAMPLES

WASTE DESCRIPTION: Soil

COLOR: brown | ODOR: none | LAYERS: 1

PHYSICAL STATE: ☒ SOLID ☐ LIQUID ☐ SLUDGE ☐ POWDER ☐ SEMI-SOLID | PUMPABLE: Y (N)

PROCESS GENERATING WASTE: UST Closure

AMOUNT: TONS/GALLONS CONTAINERS: DRUMS/BULK

CHEMICAL/MATERIAL COMPOSITION

MATERIAL	% RANGE
Soil	

SAMPLE #	DATE/TIME	SAMPLE LOCATION	COMPOSITE	GRAB	# OF CONTAINERS	TCLP: METALS	TCLP: VOLATILES	TCLP: SEMI VOL	TCLP: HERB/PEST	TEST PARAMETERS: OTHER: TPH (418.1)	TEST PARAMETERS: OTHER: BTEX (8020)	TEST PARAMETERS: OTHER:	TEST PARAMETERS: OTHER:	TEST PARAMETERS: OTHER:	TEST PARAMETERS: OTHER:	TEST PARAMETERS: OTHER:	TEST PARAMETERS: OTHER:	TEST PARAMETERS: OTHER:	TEST PARAMETERS: OTHER:	TEST PARAMETERS: OTHER:
950219	9-27-95 2:15	UST-West		X	1					X	X				95C0286YS					
950220	9-27-95 2:20	Stockpile-#2		X	1					X	X				95C0288LP					

REMARKS: Please include analyst's name & calibration date.
Regular TAT

RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
Karen Armstrong	9-28-95	8:55	John E Messer Jr.	9/28/95	0855
RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME
John E Messer	9/28/95	0955	Michael Hurst	09/28/95	1955
RELINQUISHED BY:	DATE	TIME	RECEIVED BY:	DATE	TIME

REMARKS:

Samsel Services Company
Attn: Karen Armstrong
2195 Drydock Avenue

veland, OH 44113

HEADQUARTERS/LABORATORY
705 FRONT STREET
TOLEDO, OHIO 43605
PHONE: (419) 693-5307
FAX: (419) 691-0418

ENVIRONMENTAL LABORATORY
1632 ENTERPRISE PARKWAY
TWINSBURG, OHIO 44087
PHONE: (216) 425-8200
FAX: (216) 425-1349

lab no. 95C02886
p.o. no. 22477

rev: 0

SAMPLE
DESCRIPTION: 950311 SOIL
SSC 6220 STOCKPILE - #2
9/27/95 2:20

ANALYSIS: BTEX

PROCEDURE: The sample was analyzed as outlined in US EPA "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", SW-846, Third Edition, November 1986, Method 8020A.

RESULTS:

Benzene	less than 2 µg/Kg
Toluene	less than 2 µg/Kg
Ethylbenzene	less than 2 µg/Kg
m & p-Xylene	less than 2 µg/Kg
o-Xylene	less than 2 µg/Kg

SURROGATE RECOVERY:

a,a,a-Trifluorotoluene	108%

Calibration date: 10/19/94
Analyst's name: L. Neal Turzak

date completed:	tech:	approved by:
09/29/95	LNT	

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Ohio Department of Commerce

Division of State Fire Marshal
Bureau of Underground Storage Tank Regulations
8895 East Main Street P.O. Box 687
Reynoldsburg, OH 43068
(614) 752-7938 FAX (614) 752-7942

George V. Voinovich
Governor

Donna Owens
Director

JAN 3 0 1996

JOHN STICKNEY
SCRANTON AVERELL INC
PO BOX 1864
3300 TERMINAL TOWER
CLEVELAND OH 44113

SITE: SCRANTON AVERELL INC
2140 W 15TH STREET
CLEVELAND OH 44113
CUYAHOGA COUNTY
INCIDENT #1840993-00

RE: NO FURTHER ACTION STATUS

Dear Mr. Stickney:

The Bureau of Underground Storage Tank Regulations (BUSTR) has reviewed all information submitted for this site. Based on this information, BUSTR requires no further action involving corrective actions for remediation under the regulatory framework.

If you feel that you are entitled to reimbursement you should contact the Petroleum Underground Storage Tank Release Compensation Board (PUSTRCB) at P.O. Box 163188, Columbus, Ohio 43216, (614) 752-8963 or (800) 224-4659. PUSTRCB administers Ohio's assurance fund and is a separate entity apart from BUSTR.

Thank you for your cooperation. If you have any questions, please contact Dennis Tatum at (614) 728-5470.

Sincerely,

Kevin W. Hodnett, Supervisor
Corrective Actions

KH:DT:cah

xc: Site File
Terry Chambers, Cleveland Fire Dept.
Robert Staib, Cleveland Health Dept.

Site #13
Former Glove Cleaning/Scranton Averell

Ohio Department of Commerce

Division of State Fire Marshal
Bureau of Underground Storage Tank Regulations
8895 E Main St. • P.O. Box 687
Reynoldsburg, OH 43068-9009
(614) 752-7938 FAX (614) 752-7942
www.com.state.oh.us

Bob Taft
Governor

Doug White
Director

October 21, 2005

DENNIS TROYAN
SCRANTON AVEREALL CO
PO BOX 16484
CLEVELAND, OH 44116

SITE: SCRANTON AVERELL, INC.
2140 W 15TH ST
CLEVELAND OH
CUYAHOGA COUNTY
RELEASE #18002510-N00003

RE: ADDITIONAL INFORMATION REQUESTED

Dear Mr. Troyan:

The Bureau of Underground Storage Tank Regulations (BUSTR) has reviewed your Scranton Averell, inc. Closure Assessment report dated October 5, 2005. Based on our review, BUSTR requests the following:

1. Please provide field screening data for all soil samples taken.

2. A sample needs to be taken every 20 ft. along piping runs. A sample needs to be taken and submitted to the lab for analysis.

3. Please provide a signed and dated field inspection report.

Publications that may help you to understand the requirements for compliance with BUSTR's rules and regulations may be found on the Internet at www.com.state.oh.us *or* by calling our office.

Please submit this information to BUSTR within 60 days from the date of this letter.

Thank you for your cooperation. If you have any questions, please contact me at 614-752-7093.

Sincerely,

Charlie Zapp
Environmental Specialist

xc: Site File

realty professionals

REALTY PROFESSIONALS, INC.

REGENCY CENTRE - 26016 DETROIT ROAD, SUITE #1 - CLEVELAND, OHIO 44145 - 440-835-0272 - FAX 440-835-0287

RECEIVED
2005 OCT 14 AM 10: 23
STATE FIRE MARSHAL

October 5, 2005

Charles E. Zepp
Ohio Department of Commerce
Division of State Fire Marshal
Bureau of Underground Storage Tank Regulations
8895 E. Main St. P.O. Box 687
Reynoldsburg, OH 43068-9009

Site: Scranton Averell, Inc.
2285 Scranton Road
Cleveland, OH 44113
Cuyahoga County
Release #18002510-N~~00002~~

Dear Mr. Zepp:

Enclosed is the closure report for the five 4,000 gallon steel underground storage tanks that were removed in October 1997. Scranton Averell was merely a landlord and never owned a building or owned a facility on this property prior to the removal of the tanks; we have no knowledge of contents or use. We never realized that this report was not filed with the state until a recent environmental audit was conducted for Scranton Averell.

Sincerely,

Dennis R. Troyan
Broker and Agent for Scranton Averell, Inc.

3.0 UST system data

3.1 UST data

The age of the UST system is 14 years old. The system consisted of five 4,000 gallon steel USTs.

3.2 Substance stored in UST

The tanks were used to store and dispense diesel fuel additive. The additive stored in these USTs was repackaged and sold as an additive. This was a commercial site. The last known operator on this site was L. A. Lux Co.

3.3 Previously stored substances

Diesel additive was the only liquid known to have been stored in these USTs.

3.4 UST system status

The UST system was last used on an unknown date. The UST system was permanently removed from service on October 16, 1998.

3.5 Disposition of UST system

The USTs were disposed of at:
Parkview Iron & Metal
4917 Holyoke Ave.
Cleveland, OH
see Appendix "H"

3.6 Fire marshal closure form

The closure form is located in Appendix "A".

4.0 Waste disposal data

4.1 Disposition of regulated soils/backfill

Approximately 35 cubic yards of backfill and native soils were excavated. The soil was stockpiled on-site and placed on visqueen plastic until removal.

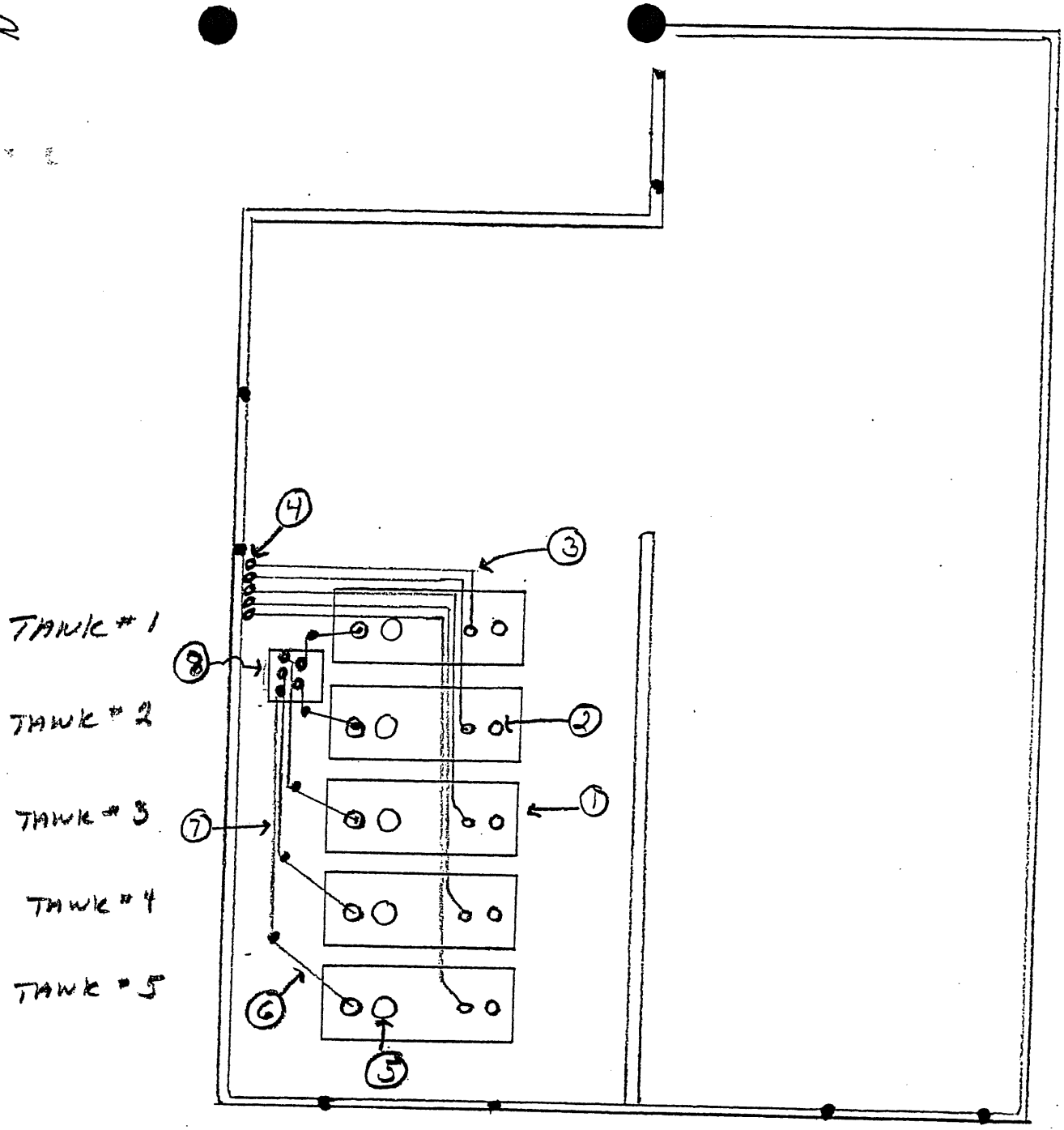
4.2 Disposition of regulated liquids

Approximately 50 gallons of product was removed from the UST by Cuyahoga Landmark, Inc., Strongsville, Ohio. The additive was removed from the site as a product and taken back by Cuyahoga Landmark, Inc. to their facility.

4.3 Laboratory data on regulated soils/backfill

Excavated soils were tested and disposed of at:

Petro Environmental Technologies
8200 Seville Rd.
Seville, OH 44273



SITE MAP

← SCRANTON RD →

CASCHEM
LABORATORIES INCORPORATED
1712 Ira Turpin Way, NE • Canton, OH 44705
TEL: (330) 588-TEST • FAX: (330) 588-8412

- REPORT OF ANALYSIS -

CUYAHOGA LANDMARK
12782 PROSPECT ROAD
STRONGSVILLE, OH 44136

Client ID: 1276

CasChem Lab ID: 9710200863
Your Sample ID: 1 Grab Tank #1 North Bottom
Sample Type: Soil
Project Name: Scranton Averial
Project # :
P. O. # :

Date Sampled: 10/16/97
Time Sampled: 12:00
Date Received: 10/20/97
Time Received: 8:30
Date Reported: 10/27/97
Time Reported: 16:35

Test Group	Test	Result	Units	Detection Limit	Analysis Date
BTEXSolid	SW846_8020A		Calibration Date: 10/1/97		
	Benzene	<4	ug/kg	4	10/21/97
	Toluene	<8	ug/kg	8	10/21/97
	Ethylbenzene	<8	ug/kg	8	10/21/97
	Xylene (Total)	<24	ug/kg	24	10/21/97
TPHS 418	EPA_418		Calibration Date: 9-9-97		
	Total Petroleum Hydrocarbons	73.5	mg/kg	10	10/22/97
SW846_8100	SW846_8100		Calibration Date: 10/23/97		
	Naphthalene	<100	ug/kg	100	10/23/97
	Acenaphthylene	<100	ug/kg	100	10/23/97
	Acenaphthene	<100	ug/kg	100	10/23/97
	Fluorene	<100	ug/kg	100	10/23/97
	Phenanthrene	<100	ug/kg	100	10/23/97
	Anthracene	<100	ug/kg	100	10/23/97
	Fluoranthene	<100	ug/kg	100	10/23/97
	Pyrene	<100	ug/kg	100	10/23/97
	Benzo(a)anthracene	<100	ug/kg	100	10/23/97

Results for CasChem Lab ID: 9710200863 Continued:

Test Group	Test	Result	Units	Detection Limit	Analysis Date
SW846_8100					
	Chrysene	<100	ug/kg	100	10/23/97
	Benzo(b)fluoranthene	<100	ug/kg	100	10/23/97
	Benzo(k)fluoranthene	<100	ug/kg	100	10/23/97
	Benzo(a)pyrene	<100	ug/kg	100	10/23/97
	Indeno(1,2,3-cd)pyrene	<100	ug/kg	100	10/23/97
	Dibenzo(a,h))anthracene	<100	ug/kg	100	10/23/97
	Benzo(ghi)perylene	<100	ug/kg	100	10/23/97

Comments:

Analyst

QA/QC Manager

Results relate only to items tested. Samples tested as received. This report may not be reproduced except in full without the approval of CasChem Laboratories.

CAS CHEM
LABORATORIES INCORPORATED
1712 Ira Turpin Way, NE • Canton, OH 44705
TEL: (330) 588-TEST • FAX: (330) 588-8412

- REPORT OF ANALYSIS -

CUYAHOGA LANDMARK
12782 PROSPECT ROAD
STRONGSVILLE, OH 44136

Client ID: 1276

CasChem Lab ID: 9710200864
Your Sample ID: 2 Grab Tank #3 North Bottom
Sample Type: Soil
Project Name: Scranton Aveial
Project # :
P. O. # :

Date Sampled: 10/16/97
Time Sampled: 14:00
Date Received: 10/20/97
Time Received: 8:30
Date Reported: 10/27/97
Time Reported: 16:35

Test Group	Test	Result	Units	Detection Limit	Analysis Date
BTEXSolid	SW846_8020A		Calibration Date: 10/1/97		
	Benzene	<4	ug/kg	4	10/21/97
	Toluene	<8	ug/kg	8	10/21/97
	Ethylbenzene	<8	ug/kg	8	10/21/97
	Xylene (Total)	<24	ug/kg	24	10/21/97
TPHS 418	EPA_418		Calibration Date: 9-9-97		
	Total Petroleum Hydrocarbons	55.5	mg/kg	10	10/22/97
SW846_8100	SW846_8100		Calibration Date: 10/23/97		
	Naphthalene	<100	ug/kg	100	10/23/97
	Acenaphthylene	<100	ug/kg	100	10/23/97
	Acenaphthene	<100	ug/kg	100	10/23/97
	Fluorene	<100	ug/kg	100	10/23/97
	Phenanthrene	<100	ug/kg	100	10/23/97
	Anthracene	<100	ug/kg	100	10/23/97
	Fluoranthene	<100	ug/kg	100	10/23/97
	Pyrene	<100	ug/kg	100	10/23/97
	Benzo(a)anthracene	<100	ug/kg	100	10/23/97

Results for CasChem Lab ID: 9710200864 Continued:

Test Group	Test	Result	Units	Detection Limit	Analysis Date
SW846_8100					
	Chrysene	<100	ug/kg	100	10/23/97
	Benzo(b)fluoranthene	<100	ug/kg	100	10/23/97
	Benzo(k)fluoranthene	<100	ug/kg	100	10/23/97
	Benzo(a)pyrene	<100	ug/kg	100	10/23/97
	Indeno(1,2,3-cd)pyrene	<100	ug/kg	100	10/23/97
	Dibenzo(a,h))anthracene	<100	ug/kg	100	10/23/97
	Benzo(ghi)perylene	<100	ug/kg	100	10/23/97

Comments:

Analyst

QA/QC Manager

Results relate only to items tested. Samples tested as received. This report may not be reproduced except in full without the approval of CasChem Laboratories.

CASCHEM
LABORATORIES INCORPORATED
1712 Ira Turpin Way, NE • Canton, OH 44705
TEL: (330) 588-TEST • FAX: (330) 588-8412

- REPORT OF ANALYSIS -

CUYAHOGA LANDMARK
12782 PROSPECT ROAD
STRONGSVILLE, OH 44136

Client ID: 1276

CasChem Lab ID: 9710200865
Your Sample ID: 3 Grab Spoils Pile
Sample Type: Soil
Project Name: Scranton Averial
Project # :
P. O. # :

Date Sampled: 10/16/97
Time Sampled: 16:30
Date Received: 10/20/97
Time Received: 8:30
Date Reported: 10/22/97
Time Reported: 15:19

Test Group	Test	Result	Units	Detection Limit	Analysis Date
BTEXSolid	SW846_8020A		Calibration Date: 10/1/97		
	Benzene	<10	ug/kg	10	10/21/97
	Toluene	82.7	ug/kg	20	10/21/97
	Ethylbenzene	146	ug/kg	20	10/21/97
	Xylene (Total)	1040	ug/kg	60	10/21/97
TPHS 418	EPA_418		Calibration Date: 9-9-97		
	Total Petroleum Hydrocarbons	12500	mg/kg	300	10/22/97
FLASHD-93-79	D-93-79		Calibration Date:		
	Ignitibility	>200	°F	1	10/22/97

Comments:

Analyst

QA/QC Manager

Results relate only to items tested. Samples tested as received. This report may not be reproduced except in full without the approval of CasChem Laboratories.

FORM 211-73 **FILE**

HS 616 5-28-51
HS 617 5-28-51

HS 494
H.S. 3376 9-10-52

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY - DIVISION OF FIRE

FIRE PREVENTION BUREAU

BUILDING RECORD
C.T. D. 2

STREET WEST 15 ST. HOUSE No. 2132 BLDG. NAME

STORIES 1-2 CONSTRUCTION FRAME-BRICK 6 CL.

OCCUPANCY C-I ~~Reeves Dry Cleaners~~ GLOVE CLEANING SERVICE CO

OWNER or AGENT ~~REEVES DRY CLEANERS~~ CARL HOWE ADDRESS POMPANO BEACH FLA.

FOR PARTICULARS SEE INSPECTIONS BY WARDENS OR COMPANIES UNDER DATES LISTED BELOW IN INSPECTION FILE No. 15

Enter All Fires In Chronological Order In Red Ink

Date	Inspector	Conditions Found	ABATEMENT ORDERED	ORDERS COMPLIED WITH	SUMMONS COURT	Closed
1-31-41	Kiste	#2132 O.K.				O.K.
5-26-41	#3919	12:18 P.M. - Care Cigarette - Grass - None - at #2132				
-7-42	O'Donnell	O.C. 1-6-42 Newman Wrecking Co Building bonfire near in rear of shop yard. I called on Mr. Newman & Requested him To discontinue same he promises To Comply.				
7-6-44	Kiste	Reeves Dry Cleaning Co all are now in good order				OK
12-1-44	*8064	at 12 15 Pm care. smoker No.				
6-9-45	#3748	@ 12-56 Pm. Static spark E. 150.00				
2-5-45	Kiste	Ordered vapor proof globe in washroom also repair leaking Gasoline line on filter tank in wash room				
8-6-45	Tischler	O.C. 8-6-45 Reeve Dry Cleaning Contacted Mr. R F Menning in Regards to Changing Cleaning & Drying Room See Capt. Tischler's Daily Report in File #1				
-13-46	Tischler	Reeves Cleaning Co Contacted Mr John Stanick Engineers they would erect a stone ground solvent settling tank of 500 to 700 gal. refer to capt Tischler daily report in no 1 file of same				

WEST 15 ST.

2132

24

STREET | HOUSE No. | BLDG. NAME

Date	Inspector	Conditions Found	Abatement Ordered	Orders Comp With	Summons Court	Closed
2-26-46	Rutenbeck	Reeves Dry Cleaning Co all				Off.
3-25-46	Rutenbeck	Reeves Dry Cleaning. ordered all Ext. recharged Mgr. & Clerk called immediately				
						OK.
10-4-46	#7170	@ 3.04 PM Rs. Wash House Leaky Gasoline Vapor				
1-19-46	#8235	at 9.52 Am. Dif Type E 109.00				
1-25-46	Rutenbeck	I.S. 11-20-46 Dif Type	Abated			OK
6-16-47	Corrigan	Reeves Cleaning & Dyeing Co				Off.
3/30/48	Corrigan	Reeves Dry Cleaning				OK
2-2-49	Corrigan	Reeves Dry. Cleaning. all				Off.
5-28-51	Wagner	Affred Permits & Business				
6-13-51	Widener	Permit was Rec'd By Applicant				
7-8-52	Grady	G & M Machine Co.				
2-25-52	Archbold	Comm. Notified to install explosion Proof Switches see Comm. 223 attached				
7-10-52	Archbald	S. M. Mfg. Co - OK — issued application Welding outfit to Stipmatic Products. Protector Products OK				
1-7-53	#2661 @	2 45 P.M. Spks from Loch			None	
4-21-54	Archbald	Glove Service Cleaning State Marshall report - Nothing done on orders issued 4-2-54				
2-6-54	Archbald	Reports on state Fire Marshal Report. Work completed.	Abated			
3-3-55	Archbald	Ordered Protector Products to clean up rubbish in yard & remove temporary wiring on 1 machine. S. M. Mfg Co. OK — Glove Cleaning OK Smith Mfg Co OK. Stipomatic Co OK				
1-4-56	Archibald	Inspected See report				
1-20-56	Archbald	Redeck on removal of extention cords. Home materials to replace cords with conduit. changing machines wires will be replaced when				
7-10-57	#3657 @	2 35 P.M. Overheated Motor				E 10 00
5-1-57	711	Tisckler & Libous See Rept.	Overheated Mtr.			
7-9-60	Eng #2-21		Major Disap			

Enter All Fires In Chronological Order in Red Ink

Date	Inspector	Conditions Found	Closed
8-16-60	Eland	Insp. RE: Compl. Storage room packed with the junk	
		Same junk removed. Ordered to clear aisles. Will RE. CH	
6/30/61	Edwards	Insp Streptomatic Products Co OK	
10/17/61	Eng 2	Major Insp (Protector Products)	
10/30/61	Eland	C/Eng 2 F.E.T. stock partitions. Ordered	
		extra F.E.T. Others must abated	
1/16/64	TEDRAHN	Refer to ELECTRICAL DEPT.	
1/23/64	Letter	# 42 64	FILE
1-23-64	Insp Req	# 93-64	
1.23.64	Eng Chief	92-64	
2-24-64	Tedrahn	partial abatement (wiring still not required)	
12/7/65	M°Adams	Lee Report	FILE
12/28/65	Eng 2	Same's	
2-18-66	M°adams	Viol abated	
11/23/66	M. Adams	Insp No Viols	
12/3/66	Mc adams	Re-Insp. Viol's abated. 2132 W 15	
11-20-69	Heiduck	Insp. Mult. Bldg. 2 occupants. Viols noted. Letter sent	FILE
10-20-70	Read	Memo from ~~Records~~ Bureau of Ind. Hygiene	
11-5-70	Heiduck	Complaint - Insp & Report Req Letter Req	
11-9-70	Heiduck	Lee Report	
11-16-70	Letter	Let to W. Skladanowski & J. Papendick.	FILE
12/10/70	Heiduck	Re Check advised Mrs Skladanowski follow instr in letter.	
3-1-72	Heiduck	Insp V/O remain Lee Report	FILE
3-1-72	Heiduck	Insp. (Recap)	FILE
2/25/81	Gance	Insp - V/O's noted	FILE
3/25/81	Gance	Insp - Glove Cleaning Co - 2 V/O's noted - Re-Insp 5-14-81	FILE
3/25/81	Gance	Re-Insp - Glove Cleaning Co. 1 V/O still outstanding	FILE
5-8-81	GANCE	REINSP - VIO LETTER REQ	
6-23-81	STRAFFEN	REINSP - VIO NOT ABATED REINSP	FILE
7-6-81	STRAFFEN	REINSP - VIO OF 5-8-81 ABATED	
1-30-86	J.J.S.	1524 Defective Heater	4700 CC

FORM 223-73

Bernard Mulcahy
Battalion Chief.

CITY OF CLEVELAND
DEPARTMENT OF PUBLIC SAFETY
DIVISION OF FIRE

2nd Class Cleaning
Permit No. 554
Issued by State

Co. No.

INSPECTION FORM for TENEMENTS, APARTMENTS and RETAIL STORES

OCATION 2132 W.15 St. in rear. August 25,1952.

WNER-AGENT Carl Howe ADDRESS 6630 State Rd. TEL. VI.3-8330

CCUPANT Glove Cleaning Service Co. ADDRESS 6630 State Rd. TEL. PR.1-8399

CCUPIED AS Commercial

ONSTRUCTION OF BLDG. 1 & 2 Story Brick

N GOOD REPAIR? YesX No Fair DILAPIDATED OR UNSAFE? YesX No

IND OF ROOF Tar & Gravel

ACANCIES None

TAIRWAYS Location Rear of Office Bldg. ~~Enclosed~~ Open

LEVATORS & DUMB WAITERS--Location None Enclosed Open

Properly fire stopped and protected?--Yes No

EATING EQUIPMENT--Kind Gas Boiler TYPE ENCLOSURE Boiler Room

Is kindling & coal safely stored? ~~Yes~~ No None

Protection beneath stoves? ~~Yes~~ No Stoves Stove pipes secure? ~~Yes~~ No Stoves

Any combustible materials near heating equipment?--~~Yes~~ No

Chimney built up from ground?--~~Yes~~ ~~No~~ Metal Stack

acks or defects in chimney or mortar joints? ~~Yes~~ ~~No~~ None

as chimney clean?--~~Yes~~ No Chimney Are repairs needed? ~~Yes~~ No

Non-Combustible containers for ashes? ~~Yes~~ No Ashes

Is fuel oil, gasoline or kerosene used? ~~Yes~~ No How stored? None

LECTRIC WIRING: Is wiring and extension cords safe? ~~Unsafe~~?

Fuses; Proper? ~~Improper~~?

OUSEKEEPING. Any accumulation of dirt or rubbish on premises? ~~Yes~~ No

Is basement clean?--~~Yes~~ No Base Is storage of oily mops & rags safe? Yes ~~No~~

Kind of matches used: Book Location of storage: Rear Bldg.1st Floor

Is there rubbish & trash in yard? ~~Yes~~ No If garage; is it clean? ~~Yes~~ None

Sheds or other buildings? Yes ~~No~~ Condition: ~~Good~~, Fair, ~~Poor~~

Evidence of burning trash or of bonfires? ~~Yes~~ No

AS METER LOCATIONS-- N.E.Corner

Electric Meter:- Center of S.Wall

ETAIL STORES; Any Fire extinguishers? Yes ~~No~~ Correct type for the risk? Yes ~~No~~

Any special hazardous, such as flammable liquids or hazardous chemicals? Yes ~~No~~

Is there a permit? Yes ~~No~~ Is material safely stored? Yes ~~No~~

EAR DOOR. Location: S.Side of Bldg. How locked: Bars.

OTES:

4 Tanks underground,vented above Bldg. Still vented above Bldg. 1 Story Bldg. is attached to 2 story brick office Bldg. with a fire wall between with manual fire door. Cleaning room has 6 washers and 2 drying machines. Boiler Room in other part of bldg. Have vapor proof lights, but switches are not explosion proof, notified manager to install proper switches. Have a quick steam dump valve.

Inspected by Chas. F. Mahlberg Lieut.

Place Additional Remarks on Reverse Side

C of 73-211 FILE

CITY OF CLEVELAND

BUILDING RECORD

DEPARTMENT OF PUBLIC SAFETY—DIVISION OF FIRE
FIRE PREVENTION BUREAU

C. T. _____

STREET WEST 15 HOUSE No. 2130 BLDG. NAME

STORIES 1 story CONSTRUCTION TYPE II NO BASEMENT 45' W - 54' 20' H.

OCCUPANCY EFFICIENT GRINDING INC.

OWNER OR AGENT ALICE HOWE ADDRESS 5284 DEVON AVE

FOR PARTICULARS SEE INSPECTIONS BY WARDENS OR COMPANIES UNDER DATE

LISTED BELOW IN INSPECTION FILE NO. _____

Enter All Fires In Chronological Order in Red Ink

Date	Inspector	Conditions Found	Closed
1/16/64	TEDRAHN	ordered extinguishers to be serviced.	FILE
1-16-65	Eng 2	Insp	
2/3/65	McAdams	Insp. See report	FILE
2/2/66	Mc adams	Insp. Ext's need service	
3/25/69	Herduck	Insp No Vals	FILE
1-172	Herduck	Insp. (Fabrication & Welding of Industrial	FILE
2/25/81	Manor	No Entry	
2/9/85	C. Smith	Site Insp. Request Tank Search	
8 '98	Chambers	tank removed	

HOUSE NO. 2130

OTHER FRONTAGE

2115 W. 15TH ST
T.I.G. Welding Co.

DATE	INSPECTOR	REMARKS
4-21-98	Pedroza	Complete Insp - Verbal Given

C OF C 73-211-A

FORM 211-73

FILE HS 613 5-28-51
HS 615 -5-28-51
TK-0754-4/22/54

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY - DIVISION OF FIRE

FIRE PREVENTION BUREAU

BUILDING RECORD

C. T. D. 2

STREET WEST 15 ST. HOUSE No. 2150 ALSO 2140 BLDG. NAME

STORIES 1 CONSTRUCTION BRICK 6 CL.

OCCUPANCY I EYRE CO. GLOVE CLEANERS.

OWNER or AGENT ADDRESS

FOR PARTICULARS SEE INSPECTIONS BY WARDENS OR COMPANIES UNDER DATES LISTED BELOW IN INSPECTION FILE No. 15

Enter All Fires In Chronological Order In Red Ink

Date	Inspector	Conditions Found	ABATEMENT ORDERED	ORDERS COMPLIED WITH	SUMMONS COURT	Closed
1-31-41	Kiste.	O.K.				O.K.
2-14-42	#5701	@ 11.50 Am. Gasoline Explosion E. $25.00				
2-17-42	Kiste	Fire Investigated Explosion caused by a short circuit Electric wiring abated				O.K.
12-27-44	#828	@ 4.03 PM. Smoke from none				
12-44	Kiste	The Eyre Co Glove Cleaning & Repair Co they clean with standard Semi Solvent gave orders to replace electric globe in cleaning room with a vapor proof globe also arrange the asbestos Blanket at the entrance of room with the proper Hook Cable				
12-29-44	Kiste	Visit. 7-6-44 abated				O.K.
7-5-45	Kiste	Glove cleaning & Repair				O.K.
7-15-46	Rutenbeck	Eyre Glove Cleaning Co				O.K.
7-25-46	Rutenbeck	Eyre Glove Cleaning Co and (rear) Lobby Furniture				O.K.
7-16-47	Corrigan	Eyre Glove cleaning Co all				O.K.
3/30/48	Corrigan	Eyre Glove Cleaning Co				O.K.
7-2-48	Corrigan	Eyre Glove Cleaning Co				O.K.
5-[illegible]-51	Wightman	Refused Permits				
6-13-51	Widmer	Permit Read after Call				O.K.
8-18-52	Archibald	See form 224 on file 5A Notified Mgr of Eyre Co to remove Paper on floor of Basement				

WEST 15 ST. STREET

2150 ALSO 2140 HOUSE NO.

OTHER FRONTAGE

STREET HOUSE No. BLDG. NAME

Date	Inspector	Conditions Found	Abatement Ordered	Orders Comp With	Summons Court	Closed
7-19-52	Archibold	Tanks Should Be Placed under Ground, Could not Contact owner.				
8-25-52	Archibold	Glove Cleaning Co Tanks Will Be moved to 2280 Scranton Rd. + then they will apply for a New Permit See Ord 223 attached.				
4-21-54	#2624C	12:21 P.M Rubbish Smoker				None
1/20/64	TEDRDHN	INSPECTION SRDENED EXTINGUISHER				FILE
2/7/65	M. Adams	Insp. See Report				FILE
12/28/65	Cuyz	Tanks				
12/5/66	McAdams	Insp - No changes. See Report				

W 15 55 2140 - 2150

DATE	INSPECTOR	REMARKS
11-20-69	Hedrick	Insp. K & R Tool New Bldg at 4 Industrial Blvd Issued FILE
4-21-69	Hedrick	Insp. Efficient Grinding 2140 FILE This Bldg is now separate + distinct from 2140 by means of an Conc. Block sealed opening
6-9-70	Hedrick	Reinsp. Violation Violation pending
3-1-72	Hedrick	Insp. (2140). FILE
3-6-72	Hedrick	Insp. (2150) See Report. occupato FILE
2-24-81	Glance (2140)	Ins. Re Letter to Bldg Insp FILE
2-27-81	Glance	Insp. Re Letter Sent 2-27-81 FILE
3/25/81	Glance - Re Insp (2140)	Letter of V/O
3/27/81	Glance - Re Insp 2140	- V/O of 2-24-81 abated
5-7-81	GLANCE	RE INSP V.O ABATED
4/29/98	Chambers	Tank removed See report E.

W 15 1

2140

C OF C 73-2044

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY

DIVISION OF FIRE

FIRE PREVENTION BUREAU

19

SIR:

Page 2

Special hazards: 1-55 gal drum of stoddard solvent West wall with hand pump.

Summary: Gave verbal orders to W. C. Homes to have extinguishers re-serviced, and make sure electrician installs covers on junction boxes.

Inspector: G. D. Schneider

FILE

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY

DIVISION OF FIRE

Application No. 615 Fee 1.00 Date 5-28-57 19___

Permit Application
For the Storing Handling, Sales or Use of
Hazardous Substances

Elmer M. Cain, Chief
Division of Fire

Applicant EYRE Co

Location 2150 - W 15th St

Building Height 2 Construction Brick

Occupancy _____ Other Occupancy _____

Calcium Carbide _____ Nitrocellulose Film _____

Corrosive Liquids _____ Portable Booths _____

Dip Tanks _____ Pyroxlin Plastic _____

FLAMMABLE LIQUIDS Spray Booths _____

Class 1 300 Gals. Tire Retreading & Rebuilding _____

Class 2 _____ Gals. Refinishing with Highly Flammable liquids such as Bowling

Class 3 _____ Gals. Alleys and similar surfaces in places of Assembly—

Fume Hazard Gases _____

Moisture Hazard Substances _____ Unfired Pressure Vessels _____

STORAGE

Cabinets _____ Floor _____ Tanks ✓ Vaults _____ Shelves _____

Location _____ Use ✓ Wax Cleaning

Transporting _____ Sales _____

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained, and to comply with all ordinances of the City of Cleveland, the laws of the State of Ohio, and all the rules and regulations of the State Fire Marshal, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, Relating to the Storing, Handling, Sales, Transportation and use of Hazardous Substances.

Applicant The Eyre Co

Date 5-28-57 19___ Inspector E. H. Hartman Capt

FILE

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY

DIVISION OF FIRE

Application No. 613 Fee 100 Date 5-28-51, 19

Permit Application
For the Storing Handling, Sales or Use of
Hazardous Substances

Elmer M. Cain, Chief
Division of Fire

Applicant Sudu-Sol Products Inc.

Location 2150 - E. 15th St.

Building Height 1 Construction Brick

Occupancy Other Occupancy

Calcium Carbide	Nitrocellulose Film
Corrosive Liquids	Portable Booths
Dip Tanks	Pyroxlin Plastic
FLAMMABLE LIQUIDS	Spray Booths
Class 1 Gals.	Tire Retreading & Rebuilding
Class 2 Gals.	Refinishing with Highly Flammable liquids such as Bowling
Class 3 Furfural 3000 Gals.	Alleys and similar surfaces in places of Assembly—
Fume Hazard Gases	
Moisture Hazard Substances	Unfired Pressure Vessels

STORAGE

Cabinets Floor Tanks ✓ Vaults Shelves

Location Use

Transporting Sales ✓

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained, and to comply with all ordinances of the City of Cleveland, the laws of the State of Ohio, and all the rules and regulations of the State Fire Marshal, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, Relating to the Storing, Handling, Sales, Transportation and use of Hazardous Substances.

Applicant Elmer M. Cain

Date 5-29-51 19 Inspector

FILE

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY

DIVISION OF FIRE

FIRE PREVENTION BUREAU

VOL - 3 P 83

20 Nov 69 19

2132 West 15 St.

Multi Bldgs, Two Different Occupants, Using Same Address.

Owner: Alice Howe, 5284 Devon Dr. North Olmstead.

Front Bldg - 1 St - IV 60'W X 35'D X 18'H.

Occupant: Frank & Zach Mold & Die

Contacted: John Frank.

Occupancy: Ind N.C.

3 Plastic Injection Mold Machines, (350° F to 530° F) Plus Die ~~[illegible]~~ Making 1 Machines.

Housekeeping & Condition Fair

Heat Gas Overhead Circulating Unit - Gas AHI A/W Tank.

Elect Svs - New - North Wall.

Gas Meters - (5) NE Corner.

Vers Rechg CO_2 Unit. (1967) 5 lb, Plus Recorde Additional 1 Unit.

Rear Bldgs Glove Cleaning Svs - Class II Dry Cleaner - (Suede Leather)

Owner: Wilma Schladanowski & John Pysarchuk.

Contacted - John P.

Main Bldg 1 & 2 St III - (Rear) Shipping, Rec, Pressing, Leather #4 Treatment.

Bldg #3 1 St - III - Cleaning Bldg (Standard Solvent)

U/G Tanks 3 - 500 Gal - Standard Solvent, 1 Dirty Solvent, 1 Dump Tank.

Cleaning, Extractors, Tumblers -

Viol - F/D Between Bldgs #3 & 4 Blocked Open.

Bldg #2 1 St - III Boiler Room, Gas Boiler. R.O.V. [illegible] Steam [illegible] of Bldg # 3

[illegible] Inspector: [illegible signature]

C of C 125-214

Copy to Heidrick

CITY OF CLEVELAND

INTER-OFFICE CORRESPONDENCE

To Fire Prevention Bureau

Date October 20, 1970

From Bureau Of Industrial Hygiene

Subject Dumping of solvents into vacant lot and sewer.

FILE

Glove Cleaning Service Co. Inc., 2132 W. 15 St., has been accused of dumping stoddard solvent in a vacant lot next to 2149 W. 15 St. A solvent odor was detected in liquid pools in the lot.

Also, owner claims waste solvent is dumped into sewer on cleaner's premise.

Would you please have this checked out?

FILE

Ronald J. Sherman
Bureau Of Industrial Hygiene

FILE

November 16,1970

xxxxxxxxxxxxxxxxx
Acting
William Hendrickson

Miss Wilma Skladanowski and
Mr. John Pysarchuk, Owners of
Glove Cleaning Service,
2132 West 15th Street,
Cleveland, Ohio 44113

Re: Disposing of dirty solvents into public sewers at 2132 West 15th Street, Cleveland, Ohio.

Dear Madam and Sir:

The practice of disposing of dirty Stoddard solvents by pouring the material into a public sewer shall be stopped immediately. This method of flammable liquid disposal is in violation of Municipal Code Sections 7.4106 and 5.6911. Approved methods shall be utilized.

Because of the relatively small amount of waste liquid (2 to 5 gallons daily), it is possible for you to store the material in the following manner, awaiting proper disposal, and limited to a total capacity of 55-gallons.

1. The storage container shall be one (1) 55-gallon metal drum with tight fitting metal cover. The cover shall be in place when the drum is not being filled or used.

2. The container shall be marked with contrasting colored letters about four (4) inches high reading "WASTE SOLVENT, FLAMMABLE, KEEP OPEN FLAMES AWAY".

3. The container shall be located outside.

4. A fully charged Class B, C fire extinguisher shall be kept in the vicinity of the drum.

You are hereby notified to abate the above condition immediately upon receipt of this letter.

Sincerely,

William E. Barry,
Division of Fire

WEB:MT
cc: Ronald Sherman,
Bureau of Industrial Hygiene
2785 Broadway, Cleveland, Ohio

cc: Lt. Holduck
File

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY
DIVISION OF FIRE

FIRE PREVENTION BUREAU

FILE

1 Mar 72 19

2130 W 15 St.

Occupant Majestic Welding
Chas Johnson

Occupancy Ind NC.

Only Change Noted here is Occupant.
Fabrication & Welding of Industrial Machinery
& Plates.

Inspector: L F D Hendrick

DEPARTMENT OF PUBLIC SAFETY
DIVISION OF FIRE
P-1
FIRE PREVENTION BUREAU

FILE

DATE 2-25-81

DRESS 2132 W 15 St. I.D. Glove Cleaning Service

ORIES TYPE CONST. DIMENSIONS

CUPANCY II Dry Cleaning HOURS 8 AM to 5 PM Mon-Fri.

ED

CCOMPANIED BY Wilma Sklaganowski PHONE 771-8399

NERS John Pisarchuk MANAGER — PRESIDENT —
Wilma Sklaganowski

XITS

TAIRS, ELEVATORS

IRE PROTECTION Fire Extinguishers + Steam Smothering for Bldg #3 See f2

XTINGUISHERS ok

EATING Steam Heat / Low Pressure Gas Fired Boiler Boiler Rm

OT WATER HEATER / AIU Hot Water Tank Boiler Rm

METER 2132 W 15 Front Bldg 1st Floor N Wall location

LECTRIC Boiler Rm N. Wall

LECTRIC METER N Wall Boiler Bldg.

PV CYLINDERS —

ANKS 3 Underground Tanks 500 gal. each

ERMITS yes.

OUSEKEEPING Poor to Fair depending on which bldg.

AZARDS Stoddard Solvent has fire hazard properties similer to kerosene

EFERRALS

IOLATIONS 1 Proper storage of flammable liquids Bldg #4

1 Extinguishers must be visible (Abated) Bldg #3

1 Need one extinguisher in upstairs room used for dyeing. Bldg #3

Reinspect 5-8-81

Inspector

DEPARTMENT OF PUBLIC SAFETY

DIVISION OF FIRE

FILE

FIRE PREVENTION BUREAU DATE 2-25-81

DRESS 2132 W 15th St Front I.D. Best Metal Finishing

ORIES 1 TYPE ~~IV~~ CONST. DIMENSIONS

CUPANCY Business HOURS

E Vacant

CCOMPANIED BY PHONE

NER MANAGER PRESIDENT Mr Orson Fields

XITS

TAIRS, ELEVATORS

IRE PROTECTION None

XTINGUISHERS None

EATING 1 OVH Heater ~~Not Working~~ Shutoff

OT WATER HEATER AIU Hot Water Tank ~~Not Working~~ Shutoff

S METER N.E. Wall for both 2132 locations, 2140, 2156 locations

LECTRIC N. Wall

LECTRIC METER N. Wall

PV CYLINDERS

ANKS 1 Propane Tank for LP Gas Power Lift Truck

ERMITS

OUSEKEEPING Poor

AZARDS None

EFERRALS None ~~Electrical~~

IOLATIONS None

Inspector

Total Fee $ 50.00

CITY OF CLEVELAND
Department of Public Safety
Division of Fire

Permit # 0754

Date of Application 4-22-94

APPLICATION to REMOVE ONE **TANKS for ALL SUBSTANCES, other than water, above ground** ____ **underground** X **inside** ____ **outside** ____ **other** ____

2140 W. 15th Street, Cleveland, OH 44113 Tank spec's ASME ____ API ____ ICC ____ UL X Other ____
(LOCATION) (OCCUPANT)

PUMPS: type N/A submerged N/A inline N/A remote N/A. Valves req'd; N/A relief N/A excess flow N/A impact N/A internal check N/A other N/A swing line N/A

UNDERGROUND: Depth of fill cover (circle) 1½'; 2'; 2½'; 3'; 4'. Type of fill cover; Soil Sand bed & fill, 6"; 12".
ABOVE GROUND: Dikes (state dimensions, capacity & material) ____

Grounding arrangement: ____ support protection: ____

1 Tank(s) cap. 550 size 48"x6' gauge 7. Vent size N/A (normal), N/A (emrg.) arrestor req. N/A fill size 2" Fee $100.00 type ____
Distances to, lot line 45' street line 70' between tanks 0 building ____. Contents Dry cleaning fluid ident. ____

____ Tank(s) cap. ____ size ____ gauge ____. Vent size ____ (normal), ____ (emrg.), arrestor req. ____ fill size ____ Fee $ ____ type ____
Distances to, lot line ____ street line ____ between tanks ____ building ____. Contents ____ ident. ____

____ Tank(s) cap. ____ size ____ gauge ____. Vent size ____ (normal), ____ (emrg.), arrestor req. ____ fill size ____ Fee $ ____ type ____
Distances to, lot line ____ street line ____ between tanks ____ building ____. Contents ____ ident. ____

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained and to comply with all the ordinances of the City of Cleveland, the laws of the State of Ohio and all the rules and regulations of the State Fire Marshall, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, relating to the Storage of hazardous Substances.

Applicant Jim Taylor (SIGNATURE)
Jim Taylor
CUYAHOGA LANDMARK INC,

Chief William Lee Gee per ____ (FIRE PREVENTION BUREAU)

Zoning: Map ____ Sh ____ –

Use ____

Removed by Cuyahoga Landmark, Inc. **Tel:** (216) 238-3900
12782 Prospect Road, Strongsville, OH 44136

Remarks ____

C OF C 73-224 F.P.B. 4/1/89

FEE $ 50.00

№ 0754

CITY OF CLEVELAND
DEPARTMENT OF PUBLIC SAFETY
DIVISION OF FIRE

PERMIT for the REMOVAL of STORAGE TANKS for HAZARDOUS SUBSTANCES

LOCATION 2140 W. 15th

Owner _____ Address _____

Installer Cuyahoga Landmark Address 12782 Prospect Road 44136

Number and Capacity of tanks (1) 550 Gallons

Contents Dry Cleaning Fluid

The aceptance of this permit shall constitute an agreement on (my) (our) part to abide by all the conditions contained in the application and in the specifications.

Date issued 4/27 19 94 Expires 4/27 19 95

Installation approved by _____

Approved by William S. Chief
Division of Fire

To be POSTED in a CONSPICUOUS place

C OF C 73-275

DATE: May 12, 1994

TIME:

TANK INSTALLATION & REMOVAL ROUTING FORM

LOCATION: 2140 W. 15 FACILITY: Scranton Averell, Inc

____ A/G TANKS SIZE & NUMBER:

XX U/G TANKS SIZE & NUMBER: (1) 500

CONTRACTOR: Cuyahoga Landmark 216-238-3900 Jim Taylor in charge 10-89-0187

INSPECTOR (S) : Terry Chambers

SITE CONDITIONS:

Yes A. GENERAL SAFETY (SOURCE OF IGNITION , ETC.)

Yes B. TANKS EMPTY OF PRODUCT [note type of product] Gas

Yes C. TANKS PURGED (HOW ?) Dry Iced, tanks enterd and cleaned on site.

____ D. CONDITION OF TANK (S): Fair No holes observed

____ E. CONTAMINATION: Normal soil staining around fill portion of tanks.

____ F. PERMITS (TANK INSTALLATION / HAZ. SUB.)

Removal # 0754

VOIDED ? PERMIT NO. (S).

REMARKS: I Inspector Chambers witnessed the removal of one 500 gallon steel tank.

Cuyahoga Landmark to take soil samples.

X: C. Lansford

FPB revised 10/27/93

DIVISION OF STATE FIRE MARSHAL – BUSTR
8895 East Main Street, P.O. Box 687
Reynoldsburg, OH 43068-0687

DELEGATED PERMIT FOR UNDERGROUND STORAGE TANKS

Permit No.: 02438
Issue Date:

I. Ownership of Tanks Owner No:			II. Location of Tanks Facility No:		
Owner/Operator Name Scranton Averell, Inc.			Facility Name Scranton Averell, Inc.		
Address P.O. Box 16464 3300 Terminal Tower			Address 2140 W. 15th Street		
City Cleveland,	State OH	Zip Code 44113	City Cleveland	State OH	Zip Code 44113
Attn.: (Contact Person)		Area Code – Phone (216) 241-0140	Area Code – Phone		County Cuyahoga
III. Contractor			**IV. Local Fire Department**		
Contractor's Name Cuyahoga Landmark, Inc.			Fire Department Name City of Cleveland Fire Department		
Contact Person Jim Taylor		Area Code – Phone (216) 238-3900	Address 1645 Superior Ave. E.		
Address 12782 Prospect Rd.			City Cleveland, OH	State	Zip Code 44114
City Strongsville	State OH	Zip Code 44136			

V. Permit Issued For: See Below *(Note: Owner's Copy of Permit must be available on job site.)*

Removals/Abandoments:

[101] Tank(s): 1 - 500 [102] Piping: All [103] Total Systems: 1

Installations:

[201] Tank(s): [202] Piping: [203] Total Systems:

Replacement:

[301] Tank(s): [302] Piping: [303] Total Systems:

Repairs:

[401] Tank(s): [402] Piping:

Upgrades:

[501] Tank(s): [502] Piping: [503] Leak Detection:

Change in Service/Temporary Closure:

[601] Systems:

DEPARTMENT OF COMMERCE · DIVISION OF STATE FIRE MARSHAL

FIRE DEPARTMENT USE ONLY

Certified Installer: _____ ID No: _____

Inspector's Signature: _____ Date: _____

COM 5210 (Rev. 12/93)

Distribution: White Copy - Tank Owner; Canary Copy - State Fire Marshal; Pink Copy - Fire Department

Total Fee $ 100.00

CITY OF CLEVELAND
Department of Public Safety
Division of Fire

Permit # 1315

Date of Application 4/29/98

APPLICATION to REMOVE 2 **TANKS for ALL SUBSTANCES, other than water, above ground** ____ **underground** X **inside** ____ **outside** ____ **other** ____

2150 W 15th St. (LOCATION) Scranton Averell Inc. (OCCUPANT) Tank spec's ASME ____ API ____ ICC ____ UL X Other ____

PUMPS: type none submerged ____ inline ____ remote ____. Valves req'd; ____ relief ____ excess flow ____ impact ____ internal check ____ other ____ swing line ____

UNDERGROUND: Depth of fill cover (circle) 1½'; 2'; (2½') 3'; 4'. Type of fill cover; soil Sand bed & fill, 6"; 12".
ABOVE GROUND: Dikes (state dimensions, capacity & material) ____

Grounding arrangement: ____ support protection: ____

2 Tank(s) cap. 4,000 size 64"x24' gauge 7. Vent size 1 1/2" (normal) , ____ (emrg.), arrestor req. n/a fill size 3" Fee $ ____
Distances to, lot line 40' street line 225' between tanks 3' building 2'. Contents heating oil type ____ ident. ____

____ Tank(s) cap. ____ size ____ gauge ____. Vent size ____ (normal), ____ (emrg.), arrestor req. ____ fill size ____ Fee $ ____
Distances to, lot line ____ street line ____ between tanks ____ building ____. Contents ____ type ____ ident. ____

____ Tank(s) cap. ____ size ____ gauge ____. Vent size ____ (normal), ____ (emrg.), arrestor req. ____ fill size ____ Fee $ ____
Distances to, lot line ____ street line ____ between tanks ____ building ____. Contents ____ type ____ ident. ____

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained and to comply with all the ordinances of the City of Cleveland, the laws of the State of Ohio and all the rules and regulations of the State Fire Marshall, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, relating to the Storage of hazardous Substances.

Applicant Jim Tyler (SIGNATURE) 10-89-0187 Chief Kevin C. Garrity per Terry Hanlon (FIRE PREVENTION BUREAU) Zoning: Map ____ Sh ____ – Use ____

Removed by Cuyahoga Landmark, Inc. **Tel:** (440)238-3900
12782 Prospect Rd.
Strongsville, OH 44136

Remarks ____

C OF C 73-226 "B" F.P.B. 4/1/89

FEE $ 100.00

Nº 1315

CITY OF CLEVELAND
DEPARTMENT OF PUBLIC SAFETY
DIVISION OF FIRE

PERMIT for the REMOVAL of STORAGE TANKS for HAZARDOUS SUBSTANCES

LOCATION 2150 WEST 15th STREET/ SCRANTON AVERELL INC.

Owner _____ Address _____

Installer SCRANTON AVERELL INC. Address 2150 WEST 15th STREET

Number and Capacity of tanks 2-4,000 GALLONS

Contents 1-4,000=HEATING OIL
1-4,000=HEATING OIL

The aceptance of this permit shall constitute an agreement on (my) (our) part to abide by all the conditions contained in the application and in the specifications.

Date issued APRIL 29 19 98 Expires OCTOBER 28 19 98

Installation approved by _____

Approved by Kevin L. Lewis Chief
Division of Fire

To be POSTED in a CONSPICUOUS place

C OF C 73-275

DATE: April 29, 1998
TIME: 2PB Permit 1315

TANK INSTALLATION & REMOVAL ROUTING FORM

LOCATION: 2150 W. 15 FACILITY: Scranton Averell

____ A/G TANKS SIZE & NUMBER:

XX U/G TANKS SIZE & NUMBER: (2) 4000 Gallon Steel Tank

CONTRACTOR: `Cuyahoga Landmark Inc. 440-238-3900 Jim Taylor certified Installer

INSPECTOR (S): Terry Chambers

SITE CONDITIONS:

Yes A. GENERAL SAFETY (SOURCE OF IGNITION , ETC.) OK

Yes B. TANKS EMPTY OF PRODUCT [note type of product] #2 Fuel Oil

Yes C. TANKS PURGED (HOW ?) Air

Fair D. CONDITION OF TANK (S): One tank had a hole in the top of it.

____ E. CONTAMINATION: Normal staining around fill portion of tank

____ F. PERMITS (TANK INSTALLATION / HAZ. SUB.)

Removal #1315

VOIDED ? PERMIT NO. (S).

REMARKS: I witnessed the removal of two 4000 gallon fuel oil tanks. Cuyahoga Landmark to due Enviromental work.

X: C Hamstead

FPB revised 10/27/93

Total Fee $ 150.00

CITY OF CLEVELAND
Department of Public Safety
Division of Fire

Permit # 1363

Date of Application _____

APPLICATION to REMOVE 3 **TANKS for ALL SUBSTANCES, other than water, above ground** ____ **underground** X **inside** ____ **outside** ____ **other** ____

2140 W 15th St., Cleveland (LOCATION) Scranton Averell (OCCUPANT) Tank spec's ASME ____ API ____ ICC ____ UL X Other ____

PUMPS: type n/a submerged n/a inline n/a remote n/a. Valves req'd; n/a relief n/a excess flow n/a impact n/a internal check n/a other n/a swing line ____

UNDERGROUND: Depth of fill cover (circle) 1½'; 2'; 2½'; 3'; 4'. Type of fill cover; soil Sand bed & fill, 6"; 12".
ABOVE GROUND: Dikes (state dimensions, capacity & material) ____

Grounding arrangement: ____ support protection: ____

1 Tank(s) cap. 550 size 48"x6' gauge 7. Vent size n/a (normal), n/a (emrg.), arrestor req. n/a fill size 1 1/2" Fee $ ____
Distances to, lot line 59' street line 85' between tanks 2' building 60'. Contents kerosene type ____ ident. ____

2 Tank(s) cap. 1000 size 48"x11' gauge 7. Vent size n/a (normal), n/a (emrg.), arrestor req. n/a fill size 1 1/2" Fee $ ____
Distances to, lot line 69' street line 85' between tanks 2' building 50'. Contents cleaning fluid type ____ ident. ____

____ Tank(s) cap. ____ size ____ gauge ____. Vent size ____ (normal), ____ (emrg.), arrestor req. ____ fill size ____ Fee $ ____
Distances to, lot line ____ street line ____ between tanks ____ building ____. Contents ____ type ____ ident. ____

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained and to comply with all the ordinances of the City of Cleveland, the laws of the State of Ohio and all the rules and regulations of the State Fire Marshall, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, relating to the Storage of hazardous Substances.

Applicant James L Taylor 10-89-0187 (SIGNATURE) Chief Kevin Griffey Zoning: Map ____ Sh ____ –

Cuyahoga Landmark, Inc. per Tony Hanlon (FIRE PREVENTION BUREAU) Use ____

Removed by Cuyahoga Landmark, Inc. **Tel:** 440-238-3900

Remarks ____

C OF C 73-226 "B" F.P.B. 4/1/89

FEE $ 150.00

Nº 1363

CITY OF CLEVELAND
DEPARTMENT OF PUBLIC SAFETY
DIVISION OF FIRE

PERMIT for the REMOVAL of STORAGE TANKS for HAZARDOUS SUBSTANCES

LOCATION 2140 WEST 15th STREET,CLEVELAND/ SCRANTON AVERELL

Owner SCRANTON AVERELL CO. Address P.O. BOX16484, ROCKY RIVER OHIO 44125

Installer CUYAHOGA LANDMARK, INC. Address 12782 PROSPECT RD. STRONGSVILLE 44136

Number and Capacity of tanks 1-550/GALLONS, 2-1,000/GALLON

Contents KEROSENE, CLEANING FLUID

The aceptance of this permit shall constitute an agreement on (my) (our) part to abide by all the conditions contained in the application and in the specifications.

Date issued AUGUST 11 1998 Expires FEBRUARY 10 1999

Installation approved by _____

Approved by Kevin G. Gentry Chief Division of Fire

To be POSTED in a CONSPICUOUS place

C OF C 73-275

DEPARTMENT OF COMMERCE, DIVISION OF STATE FIRE MARSHAL
BUREAU OF UNDERGROUND STORAGE TANK REGULATIONS
P.O. BOX 687
REYNOLDSBURG, OH 43068-0687
614-752-7938

INSPECTION FIELD REPORT

[ ] Preliminary/Follow-up

Permit No: 1363

[X] Final Inspection

Issue Date: 8-11-98

I. OWNERSHIP OF TANK	II. LOCATION OF TANK
Scranton Avereall Co @O Box 16484 Rocky River, Oh 44126 ATTN: Dennis Troyan	Scranton Averall Co 2140 W 15 St Cleveland, Ohio 44115

III. INSPECTION CODES: 101 102 103 201 202 203 301 302 303 401 402 501 502 503 504 601 701

IV. INSTALLATION/REMOVAL

	TANK	TANK	TANK	TANK	TANK	TANK	TANK	TANK
Capacity	1000	1000	550					
Construction	Steel	Steel	Steel					
Product Stored	cleaning fluid		K-1					
LEL/O2 Level	0%	2%	1%					
Inspection Code	103	103	103					

Release Detection Tank: No Piping No

Corrosion Protection Tank: No Piping No

Spill & Overfill Protection No (CIRCLE ONE) Drop Tube / Ball Float / Electronic

In Ground Test _____ Piping Test _____ Precision Test _____

V. TEMPORARY CLOSURE

Tanks Emptied Yes ____ No ____ Fill Pipe/Dispenser Secured Yes____ No ____ Vent Lines Open Yes ____ No ____

VI. TANK LINING

Opening Cover Test _____ Method of Cutting _____ Positive Air Supply _____

Safety Precautions _____ Attendant _____ Protective Clothing _____

Lining Approved By: _____ No. _____ Date _____

VII. SITE INFORMATION

Cavity I: (Visible)
Holes (Tanks) Yes ____ No xx Holes (Piping) Yes____ Noxx Tank Cavity* o/st Piping Run* N/A Beneath Dispenser* N/A

Cavity II (Visible)
Holes (Tanks) Yes ____ No ____ Holes (Piping) Yes____ No____ Tank Cavity*____ Piping Run*____ Beneath Dispenser*____

*Indicate O=Odor, W=Water, ST=Staining, FP=Free Product, SH=Sheen

Remarks: These tanks were discovered during construction of new building, tanks removed by Cuyahoga Landmark.

Start Time _____ End Time _____ Date: _____ | Start Time _____ End Time _____ Date: _____

Certified Installer Name: Jim Taylor No. 10-89-0187

Certified Inspector's Signature _____ No. 87-0029 Date 8-6-98

Revised 1/97 Distribution: White-Agency Copy Canary-Owner Copy Pink-Inspector Copy

05980

DIVISION OF STATE FIRE MARSHAL – BUSTR
8895 East Main Street, P.O. Box 687
Reynoldsburg, OH 43068-0687

DELEGATED PERMIT FOR UNDERGROUND STORAGE TANKS

Permit No.: 1363
Issue Date: [illegible]

I. Ownership of Tanks	Owner No:	II. Location of Tanks	Facility No:
Owner/Operator Name: Scranton Averell Co		Facility Name: Scranton Averell Co	
Address: P O Box 16484		Address: 2140 Scranton St	
City: Rocky River	State: OH	City: Cleveland	State: OH
Zip Code: 44126		Zip Code:	
Attn.: (Contact Person): Dennis Troyan	Area Code – Phone: 216-241-0140	Area Code – Phone: 216-241-0140	County: Cuyahoga
III. Contractor		**IV. Local Fire Department**	
Contractor's Name: Cuyahoga Landmark, Inc.		Fire Department Name: Cleveland Fire Dept	
Contact Person: Jim Taylor	Area Code – Phone: 440-238-3900	Address: 1645 Superior Ave	
Address: 12982 Prospect Rd.		City: Cleveland	State: OH
City: Strongsville	State: OH	Zip Code:	
Zip Code: 44136			

√. Permit Issued For: See Below *(Note: Owner's Copy of Permit must be available on job site.)*

Removals/Abandoments:
[101] Tank(s): 3 [102] Piping: [103] Total Systems:

Installations:
[201] Tank(s): [202] Piping: [203] Total Systems:

Replacement:
[301] Tank(s): [302] Piping: [303] Total Systems:

Repairs:
[401] Tank(s): [402] Piping:

Upgrades:
[501] Tank(s): [502] Piping: [503] Leak Detection:

Change in Service/Temporary Closure:
[601] Systems:

DEPARTMENT OF COMMERCE • DIVISION OF STATE FIRE MARSHAL •

FIRE DEPARTMENT USE ONLY

Certified Installer: James A Taylor ID No: 11-89-0187

Inspector's Signature: [illegible] Date: [illegible]

COM 5210 (Rev. 12/93)

Distribution: White Copy - Tank Owner; Canary Copy - State Fire Marshal; Pink Copy - Fire Department

Site #14
Bojacks Meats

FILE

HS 16392 6-0-51 HS 25142 - 11-28-89
HS 29072 - 8/26/92
HS 177 4-17-51
HS 1821 11-21-51
HS 2765 5-22-52
15097 1-5-56

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY - DIVISION OF FIRE

FIRE PREVENTION BUREAU

BUILDING RECORD

C.T. D. 2

STREET WEST 14 ST. HOUSE No. 2000 BLDG. NAME - Paramount fur Service Inc.

STORIES ~~12~~ 1&2 CONSTRUCTION CONCRETE 175'x214'x120'

OCCUPANCY Storage

OWNER or AGENT Distribution Terminal Warehouse ADDRESS Same

FOR PARTICULARS SEE INSPECTIONS BY WARDENS OR COMPANIES UNDER DATES LISTED BELOW IN INSPECTION FILE No. 15

Enter All Fires In Chronological Order In Red Ink

Date	Inspector	Conditions Found	Abatement Ordered	Orders Complied With	Summons Court	Closed
7-5-40	Kiste	air system valve out of order				
-1-44	"	Called on J. R. Dyomond Terminal Warehouse in regards to the storage of Chemical Products Will notify him Tomorrow in regards to the Storage.				
26-46	Pritenback	District whse. Terminal				O.K.
46	Rute	District Warehouse				O.K.
/31/48	Corrigan	Acc Mr. Cika, Bldg Engr. Insp. all floors stairways throughout bldg. Everything in good order. Rec. Two C.O2 extinguishers for Engine Room and Ice Machine Bldg. Checked 5 gas masks ordered refilling with new cannisters.				
5-18-50	#3187	@ 5:52 P.M. Short circuit			None	A.D.T.
5-31-50	Wiemer	O.C. Paramount Fur Co Comp. of thinner sawdust & Def. Wiring Made Insp. found all conditions Good.				
3-11-51	Eng Co No #8	Distributors Terminal Warehouse				OK
2-23-51	Flynn E#21	Insp. Beatrice Foods Co. Contacted Mgr Gallagher No Violation Except Absense Extinguisher on Beatrice Food Storage Side of Area. Mgr. Will Install 1 2½ Gal Extinguisher So. Side of Area.				
7-14-51	Mulcahy & H&Y 5	Major Insp. With Company				
3-31-51	Pahler E#21	Insp. Terminal Whse. 4th floor Occupancy Storage No Viol.				
4-4-51	Flynn	Recommended Inst. of ext.				
4-17-51	Dempsey	Approved Appl. Terminal Distributors Warehouse				

WEST 14 ST. STREET

2000 HOUSE No.

OTHER FRONTAGE 1433-21 Commercial

E 8

STREET HOUSE No. BLDG. NAME

Date	Inspector	Conditions Found	Abatement Ordered	Orders Comp With	Summons Court	Closed
[illegible]-25-51	Dempsey	Checked Paramount Fur co + found the only accident was that a new Ignition system had been installed on their gas furnace + when an employee turned on the gas valve thinking the Pilot light was on the gas exploded. when the Pilot light was ignited by an electric switch. no damage was done and the F.D. was not called Forbes employees said they knew of no other incident				
[illegible]-31-51	Dempsey	Notified Mr Schal to install furnace. Ordered. Mgr of W [illegible] to Place exit signs at stairways				
[illegible]-13-52	#4487 C	3[34] P.M. Flow Alarm				None
[illegible] 53	#9948 C	12[15] P.M. Child + Matches (Wood Dock)				None

FORM 211-73

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY DIVISION OF FIRE — BUILDING RECORD

FIRE PREVENTION BUREAU

C. T.....

STREET West 14th St HOUSE No. 2000 BLDG. NAME

STORIES CONSTRUCTION

OCCUPANCY

OWNER OR AGENT ADDRESS

FOR PARTICULARS SEE INSPECTIONS BY WARDENS OR COMPANIES UNDER DATES LISTED BELOW IN INSPECTION FILE NO.----------

Enter All Fires In Chronological Order In Red Ink

Date	Inspector	Conditions Found	Closed
-10-47	Dittman	Inspected Distributors Terminal warehouse Information of storage of Calcium Carbic Wrongly Notation) Wagtaff and 10 Drum of Ethylene Dromine F. 150 T 40 Drums of Ingathylin Petrolium 290. F. C.C. Checked the entire Bldg Visit, Out side sprinkler connection in bad order Notified Mr Bagwell staff of same & the said Captain order has been Put in on hand	
5-6-47	Dempsey	Chemical Co on 5th floor. has Cleaned up their quarters.	
5-31-49	Corrigan	Clev. Distrct. Ter. Bldg all	of C.
-12-52	Schlegel	Paramount Fur Co Using mixture of carbon tet + apeolhumer 2 extng are being charged or weighed covers for waste receptacles ordered also container for fur clippings. No Permit for storage of thinner	
5-14-52	Jehlund	No smoking signs put up suitable container provided Extng will be checked tomorrow withheld app. of permit until report from Chemist on flammable	

STREET West 14th St

HOUSE No. 2000

OTHER FRONTAGE

STREET HOUSE No. BLDG. NAME

Date	Inspector	Conditions Found	Closed
5/19/52	Letter	Laboratory report of sample reveals a 20% CCl4 + 80% petro naptha (dated 5-15-52) Filed-Lab reports	
5-20-52	#3778©	3rd A.M Flow Alarm None	
5-20-52	Schlund	Proper Signs for the Sprinkler Valve shut offs Will Be Installed	
5-22-52	Schlund	Co noted drum of flamm liquid in suitable storage. Now using closed can for cleaning coat linings Lintings recharged suitable containers provided recommend proper places for lintings Issued and signed permit for flamm. liquids	
5-27-52	Schlund	work will be completed shortly	
8-6-52	Schlund	Discussed conditions at Paramount Fur Co.	
8-15-52	Archibald	Dept 224 on file 5 A. Signs kept in office Multi alarm office	
8-15-52	Letter	to Wm Shoffman + air Pollution	1339
8-18-52	Archibald	Dis Justified No Smoking Signs Notified Mgr. about Truck Drivers Smoking while Loading Trucks.	
8-25-52	Schumacher	Conferred With Mr Cutler of air Pollution	
3-27-53	Schlund	Re Inspection. Wallboard has been placed around dry cleaning room. Took samples of liquid to Chemist for test	
4-30-53	Schlund	Re Insp. Paramount Fur Co. Advised owner to apply for state Dry Cleaning permit, also to discontinue use of Solvent Products + apothecaire for cleaning fur linings - Room partition walls not in compliance with letter from State Fire Marshal See Report in File 19	
8-5-53	Cunningham	All viols noted abated See report in file #6	
5-11-53	Letter	Anthony Winters FILE	2187

Enter All Fires In Chronological Order in Red Ink

Date	Inspector	Conditions Found	Closed
2-7-55	#9059 @	1:31 AM Undetermined	No Loss
55	711	See report Sweeney & Prisco	
1-3-56	Archibald	Inspected Not completed	
1-4-56	Archibald	Inspected - See report	
1-5-56	Archibald	Distribution Terminal Bldg - Ordered brass caps to be placed on standpipes (dry) repair siamese connection Issued application for Flammable Liquid permit	
1-20-56	Archibald	Caps on siamese not repaired. Contract let for same.	
2-8-56	Archibald	Caps still not repaired. Contract let	
7-11-56	Archibald	Recheck. Siamese replaced with a new one. Caps are on order but have not been received	
7-17-56	Archibald	Recheck - Caps for standpipe have been ordered from different co. & will be installed next week.	
8-15-56	Archibald	Re check No Change	
9-4-56	Archibald	Re check No Change.	
1-57	Archibald	Sprinkler contractors have been contacted	
1-29-56	Hubach	Information of storage of flammable liquids. See Report.	
2-12-56	Letter	To: Distribution Terminal Warehouse FILE #2928 Re: storage of flammable liquid refuse permission to store 30,000 to 40,000 gals.	
1-9-57	Archibald	Recheck Standpipe caps have been received but are wrong thread	
4-22-57	Archibald	Abated; See Rept.	
5-23-57	# 4811 @	5:11 P.M. Defective Sprinkler	None
8-29-57	# 6854 @	3:40 A.M. Flow-Alarm	None
9-30-57	Archibald	Defective Lead	
12-9-57	#9610 @	11:32 P.M. Def Sprinkler Head	
8-10-58	#6044	@ 1:22 Am Brkn Spkr	
9-13-58	#6137	@ 4:19 Am unnecessary	
10-9	Archibald	Investigated Comp. Hose #1. RE: Dom. siamese. Abated Necrone	
1-14-59	archibald	w/Mr Segovitta Bldg Dept. ordered 55 gal F.L. moved from Loll Bar property dispenser Bldg has Spkr System & F.A. system	
5-4-59	Archibald	Pumps, chasm. moved from hall, Hand pumps not installed as yet.	
8-8-59	Archibald	Issued flammable Application for CL #3 cleaning solvent	

STREET

HOUSE NO.

OTHER FRONTAGE

Enter All Fires In Chronological Order in Red Ink

Date	Inspector	Conditions Found	Closed
12/15/61	Engs 8,21	H&L 5 Major Insp	
7/5/62	Eng 8	Insp re Storage P.L.	
2-21-64	Tedrahan	Stock too close to sprinklers	FILE
1/4/66	McAdam	Insp See report	FILE
7/8/66	E 2, 8, 21, 1.5	Major Insp.	
7/15/66	L-5-E-2	Major Insp. (violations noted)	
10-21-67	# 15844 C	9 42 Am. Undetermined No Loss.	
10-21-67	# 15844-711	0 Black Kraning Smoker	
11-8-67	Kellmer	Insp. of storage of cyanides See Report	FILE
11-13-67	Kellmer	Re: Ofcomin storage of cyanides See Report	
11-14-67	Kellmer	Letter Req.	
11-16-67	Letter Sent to J. Macky		FILE
12-4-67	Kellmer	Ins. cyanide storage	
12-11-67	Kellmer	Letter	FILE
1-4-68	Kellmer	Re Insp. Contract for work has been awarded	
—		Re: Construction of fire resistive enclosure for cyanides	
1/15/68	Kellmer	Phone call re storage room of cyanides.	
1-15-68	Kellmer	Re: Plans for construction of fire resistive area for	
—		storage of Cyanides. See report.	
1/17/68	Kellmer	approved plans for construction of Fire Res. room for	
		Storage of cyanides.	
1-17-68	Kellmer	See report. Same as above. 1-17-68	
3-4-68	Kellmer	Fire Sheet # 2258 Broken Sprinkler See report	
—	"	Re Insp. Re: Construction of Fire resistive Room for	
—	"	cyanides See Report. also Damaged Fire Dept.	
—	"	Connection on Crown Ave. - new Connection on premises.	
3-13-68	Kellmer	Re Insp. 2 Viols stated See Report.	
1-12-70	Heiduck	Insp V/O's (2) See report	FILE
7-10-71	Heiduck	Re: Bloomsburg S.P. Seamans Filling See Report	
11-17-71	Heiduck	Re: Seamen Re located See Report	
4-20-72	Heiduck	Insp- V/O's found See Report.	FILE
5-2-72	Heiduck	Heiduck See Report	
12-31-73	# 30994 C	3 36 Am. Incendiary (1425 University)	$500.00
1-2-74	# 30994-711	Incendiary Secondary to theft -	
7-25-80	Wendell	Complaint - will research files	
10-23-84	22505	0004 hrs. Auto NVV 760 Dmg	$5,000.00
12-28-84	HAIRSTON	INSP - 5 VIOS.	FILE
5-5-87	KOVAC	VIOL LETTER TO BE HAND DELIVERED	FILE
5-4-87	"	Complete	

2000 W. 14TH

ATE	INSPECTOR	REMARKS	
3/5/87	Kovac - Re-insp. (via letter - fire watch)		FILE
5/15/87	KOVAC - Complete Vio letter #1		FILE
6-18-87	12 referrals sent		File
6/19/87	KOVAC	Violation letter Sent	FILE
7/16/87	Kovac	Reinsp 3 abatments	
9-27-87	Kovac - Reinsp - 6 abatements		File
1/21/88	GANCE	PARTIAL see report	FILE
2/5/88	KOVAC	REINSP. see report	FILE

2000 W. 14 ST

FORM 225-72

FILE

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY

DIVISION OF FIRE

Application No. 1821 Fee 1.00 Date 11-2-51 19___

Permit Application
For the Storing, Handling, Sales or Use of Hazardous Substances

Elmer M. Cain, Chief
Division of Fire

Applicant Joe Bycowski

Location 2000-2180 ~~2180~~ W 14

Building Height 1 Construction brick

Occupancy garage Other Occupancy none

Calcium Carbide ___ Nitrocellulose Film ___

Corrosive Liquids ___ Portable Booths ___

Dip Tanks ___ Pyroxlin Plastic ___

FLAMMABLE LIQUIDS Spray Booths ___

Class 1 Gas 3000 Gals. Tire Retreading & Rebuilding ___

Class 2 ___ Gals. Refinishing with Highly Flammable liquids such as Bowling Alleys and similar surfaces in places of Assembly—

Class 3 ___ Gals.

Fume Hazard Gases ___

Moisture Hazard Substances ___ Unfired Pressure Vessels ___

STORAGE

Cabinets ___ Floor ___ Tanks ___ Vaults ___ Shelves ___

Location ___ Use ___

Transporting ___ Sales ___

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained, and to comply with all ordinances of the City of Cleveland, the laws of the State of Ohio, and all the rules and regulations of the State Fire Marshal, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, relating to the Storing, Handling, Sales, Transportation and use of Hazardous Substances.

Applicant Joe Bycowski

Date ___ 19___ Inspector Frank Humphrey Jr

Form 220-73

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY

DIVISION OF FIRE

Application No. 16392 Fee $1.00 Date JUNE 8, 1959

Permit Application
For the Storing, Handling, Sales or Use of
Hazardous Substances

Elmer M. Cain, Chief
Division of Fire

Applicant PARAMOUNT FUR SERVICE INC

Location 2000 W. 14 ST.

Building Height _____ Construction CONCRETE

Occupancy FUR SERVICE Other Occupancy WAREHOUSE,

Calcium Carbide _____ Nitrocellulose Film _____

Corrosive Liquids _____ Portable Booths _____

Dip Tanks _____ Pyroxlin Plastic _____

FLAMMABLE LIQUIDS Spray Booths _____

Class 1 _____ Gals. Tire Retreading & Rebuilding _____

Class 2 _____ Gals. Refinishing with Highly Flammable liquids such as Bowling Alleys and similar surfaces in places of Assembly—

Class 3 CLEANING SOLVENTS 5 Gals. _____

Fume Hazard Gases _____ _____

Moisture Hazard Substances _____ Unfired Pressure Vessels _____

STORAGE

Cabinets _____ Floor _____ Tanks _____ Vaults _____ Shelves _____

Location _____ Use CLEANING

Transporting _____ Sales _____

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained, and to comply with all ordinances of the City of Cleveland, the laws of the State of Ohio, and all the rules and regulations of the State Fire Marshal, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, Relating to the Storing, Handling, Sales, Transportation and use of Hazardous Substances.

Applicant Paramount Fur Service Inc

Date _____ 19___ Inspector Chas. F. Archbold Lieut.

Remarks:

150 GALS. CLEANING SOLVENT IN STORAGE

Property Owners Permission

Cleveland, Ohio_____ 19____

_____ the owner of the premises described in the foregoing application hereby grants the lessee or agent permission to store the above mentioned Hazardous Substances at this location.

Owner_____

Address_____

Witness_____

Approved_____

BERNARD W. MULCAHY, Chief
FIRE PREVENTION BUREAU

FILE

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY
DIVISION OF FIRE
FIRE PREVENTION BUREAU

Nov 8 19 67

2000 W. 14 ST DISTRIBUTION TERMINAL WAREHOUSE INC.

CONTACTED — MR. W. C. RAMSEY SEC., TREAS.

INSPECTION OF STORAGE OF CYANIDES

THE FOLLOWING LIST IS STORED ON ~~2ND~~ 2ND AND 5TH FLOORS

ZINC CYANIDE	24 DRUMS	100 LB	R. 288	TOTAL 2400 LBS
COPPER CYANIDE	108 DRUMS	100 LB	R. 287	TOTAL 10800 LBS
GRANULAR POTASSIUM CYANIDE	54 DRUMS	100 LB	R. 284	TOTAL 5400 LBS
METAL SODIUM CYANIDE	160 DRUMS	200 LB	96-98%	TOTAL 32000 LBS
GRANULAR SODIUM CYANIDE	303 DRUMS	200 LB	R. 366	TOTAL 60600 LBS
CYANIDE SODIUM CYANIDE	304 DRUMS	200 LB	R. 413	TOTAL 60800 LBS
SODIUM CYANIDE	141 DRUMS	200 LB	R. 367	TOTAL 28200 LBS

THIS CYANIDE IS OWNED BY CUYAHOGA CHEMICAL CO. 2560 W. 3RD ST.

IT IS STORED IN SEGREGATED AREAS BUT EVERY AREA IN BUILDING IS SPRINKLERED. EACH DRUM IS METAL AND STORED ON WOOD SKIDS

I WILL CONFER WITH ~~FIRE OFFICIALS OF THAT AREA~~ CAPT ZUPON

Inspector: [signature]

FILE

File

November 16, 1967

Mr. John Massey
Distribution Terminal Warehouse Inc.
2000 West 14th Street
Cleveland, Ohio 44113

Re: 2000 West 14th Street

Dear Sir:

A recent inspection made at the subject location by Lieutenant J. R. Kellner of the Division of Fire revealed an excessive quantity of cyanide storage inside the building. This storage shall be removed from the building or shall comply with the following Codified Ordinances of the City of Cleveland, Section 5.2327:

1. A permit is required for the storage of more than five pounds of cyanides.

2. Cyanides shall be stored to preclude the possibility of contact with water or moisture.

3. Cyanides shall be stored on floors above adjacent grade level and at least six inches above floor level.

4. Moisture hazard substances kept in quantities over 200 pounds shall be stored in suitable containers in a fire resistive room conforming to Section 5.1947 (C) of the Code.

5. No sprinkler heads, hose, hot water radiators, or fire extinguishing equipment using water shall be installed in any storage room where moisture hazard substances are stored.

6. All cyanide storage shall be in rooms with adequate approved ventilation.

7. Cyanides shall be stored in an approved safe manner as approved or directed by the Commissioner of Air Pollution.

If construction of a fire resistive storage area is decided upon, plans shall be submitted to this office for approval and a building permit obtained from the Division of Building, Room 505, City Hall before construction is started.

You are notified to abate the above violations by December 14, 1967.

If there are any questions, please call Lieutenant Kellner at 621-1230.

Very truly yours,

JRK:ES
cc: Kellner
File

John E. Schlemm, Chief
Fire Prevention Bureau

INSURANCE SERVICES OFFICE
OF OHIO

REPORT NO. 34-100,268
INSPECTED: Aug. 24, 1976

Superseding Previous
Reinspection Reports

CONFIDENTIAL
FOR AFFILIATED COMPANIES AND
THEIR AUTHORIZED EMPLOYEES ONLY

REINSPECTION REPORT

CONNOHIO, INCORPORATED

CLEVELAND, OHIO. 2000-12 West 14th Street, including 1401-35 University Road.

Sanborn, 1952. Volume 3. Page 54. Block 1. Plan with Complete Report.

CLASS OF RISK: General storage warehouse without stipulation.

OWNER: Connohio, Incorporated.

OCCUPANTS: See "List of Tenants".

ACTIVITY: Normal. Single shift, five days a week.

* * * * * * * *

IMPORTANT CHANGES SINCE LAST REINSPECTION REPORT - APRIL 19, 1974: Insured has now replaced all 1927 sprinkler heads on the first through the fifth floors. The remainder to be replaced.

Several changes in occupancy with up-to-date list at end of report.

Replacement of all old electrical equipment nearly completed throughout the building.

OTHER IMPORTANT CHANGES SINCE LAST COMPLETE REPORT - NOVEMBER 6, 1970: Commissary Foods have installed a small kitchen on the sixth floor to prepare lunches for their employees. The gas range, grill and french fryer, including the hood are satisfactorily arranged.

An extensive program for the replacement of corroded sprinkler piping has been completed.

In general, housekeeping and warehousing practices indicate improvement. Grading continues to be FAIR.

SUMMARY

CONSTRUCTION: FAIR. 90% fire-resistive Type A and 10% masonry (joisted). Twelve stories, without basement. Floor openings - unprotected. Concealed spaces - minor. Interior finish - mostly open, cork board insulation within freezers and few office areas using noncombustible acoustic tile ceilings. Age - built 1927. Repair - good.

FIRE DIVISIONS: Single fire division. Two bu 's with exposed openings, inadequate separation.

HAZARDS: MODERATE. Mostly satisfactorily arranged except for highly flammable liquid storage arrangement.

EXPOSURE: LIGHT. From unsprinklered one story masonry (joisted) warehouse detached 20' west having blank masonry walls.

PROTECTION -

Alarm Service: GOOD. Complete central station supervisory service on the sprinkler equipment. Inoperative outside water motor alarm.

Inside Manual: FAIR. Inadequate complement of portable fire extinguisher equipment. Two 4" dry stand pipes supplied through pumper connection without hose and may be of value.

Outside: GOOD. Full city Class Three. All exterior walls offer limited accessibility for fire department operations.

Sprinkler: GOOD. Covers 97% of the area and most of the values. Main unsprinklered area is the detached masonry (joisted) auxiliary building (engine room and boiler house). Dry pipe under inside control. System in service. FAIR two source supply augmented by a nonautomatic electric booster pump.

ADMINISTRATION: FAIR. Building maintenance - fair. Housekeeping and warehousing practices - fair. Waste material is removed from the premises on a program basis. Smoking is not restricted to specific areas. Recommendations do not receive attention.

Loss Record: None since Complete Report.

HISTORY: The building was erected in 1927 and has always been used for general storage warehouse purposes. Tenants are well established concerns.

This property is on regular reinspection service. Inspections will continue at approximately 12 month intervals and a report will be issued following each inspection.

RECOMMENDATIONS

1. (1970) The existing 1000 g.p.m. booster pump should be made automatic starting including a required jockey pump arrangement. A standard pump hose header should be located to the exterior wall. A 4" automatic relief drain should also be provided.

2. (1970 - Revised) Sprinklers should be extended to the detached building. Also extend sprinklers beneath the (250 sq. ft.) third floor office ceiling and (1,200 sq. ft.) fourth floor office ceiling.

3. (1970) A representative sample of the existing sprinklers should be forwarded to the Underwriters' Laboratories, Inc. for test to determine their reliability for further service. (This is held in abeyance since the program of total replacement is being programed.)

4. (1970) Ventilation and 6" sill beneath the door should be provided for the flammable liquid vault.

5. (1970) Combustible storage should be removed from the same area utilized for the sodium cyanide storage.

6. (1973) A working test should be provided for the existing eight dry pipe valves.

LIST OF TENANTS

Harvey Common - third floor - office.
Commissary Foods, Inc. - 6,500 sq. ft., fourth, fifth and sixth floors - meat processing and packaging.
Jackie Davis - third floor - office.
Distribution Terminal Warehouse, Inc. - remaining areas - general cold and dry storage warehouse without stipulation; fourth floor - office.
The Benjamin P. Forbes Co. - 6,400 sq. ft., fifth floor - chocolate packaging and bagged storage.
John P. Needham Company - third floor - office.
Northern Frozen Foods, Inc. - 3,200 sq. ft., third, fourth and ninth floors - storage of groceries with office.
Platt & Company - fourth floor - office.
Produce Service Co., Inc. - 6,000 sq. ft., second floor - office and produce storage.
Vermillion Foods - 2,500 sq. ft., fifth floor - cartoned food stocks.
Willard Sugar Company - 8,000 sq. ft., fourth and fifth floors - office and storage of bagged sugar including powdered sugar conversion.
Winger Brothers Company - 6,000 sq. ft., second floor - office and meat processing and packaging.
Pete Sauto Company - fourth floor - office.

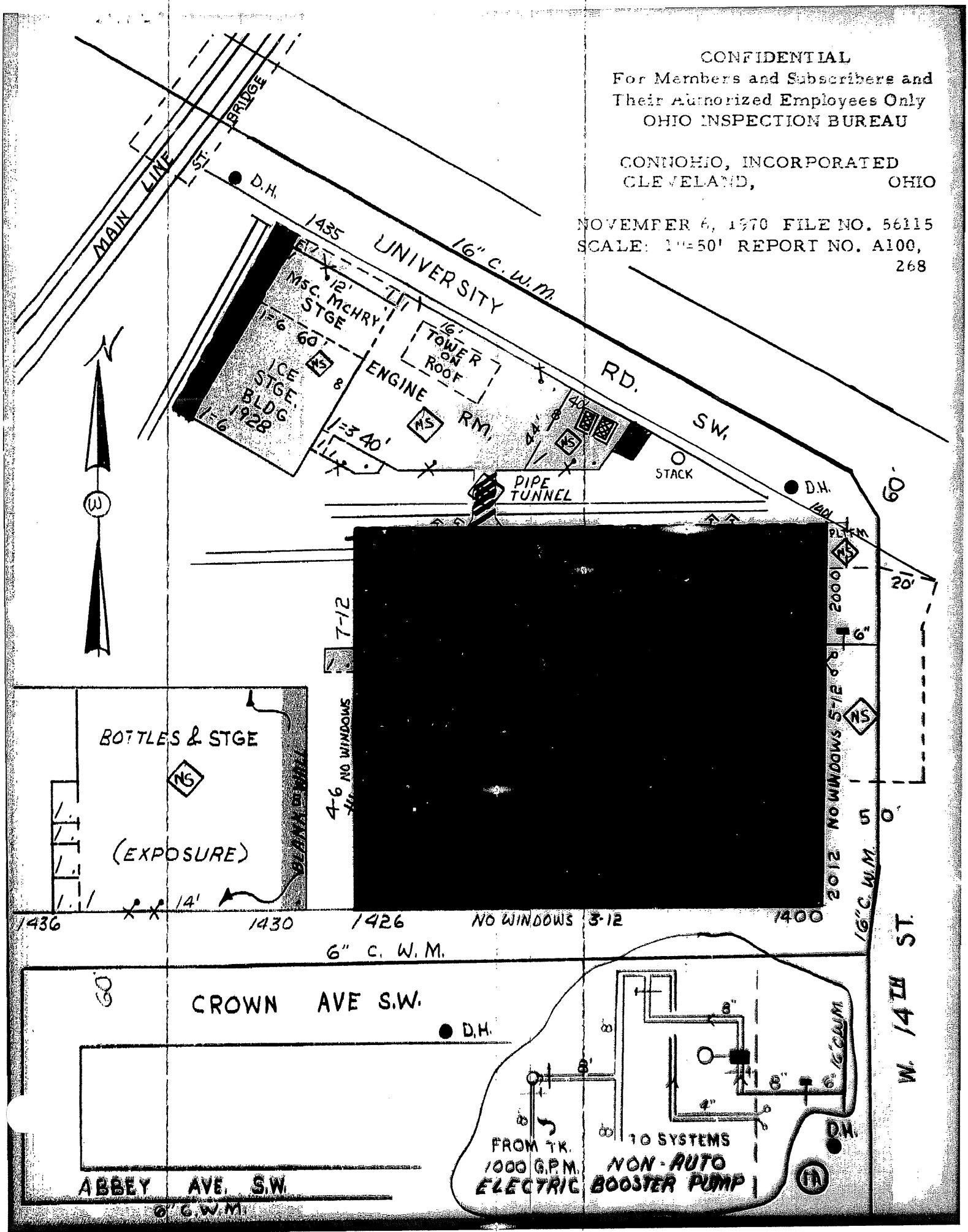
C. E. Johnson,
Engineering Representative

NB

CONFIDENTIAL
For Members and Subscribers and
Their Authorized Employees Only
OHIO INSPECTION BUREAU

CONNOHIO, INCORPORATED
CLEVELAND, OHIO

NOVEMBER 6, 1970 FILE NO. 56115
SCALE: 1"=50' REPORT NO. A100,
268



OHIO INSPECTION BUREAU

COLUMBUS, OHIO

FILE NO. 56115
REPORT NO. A100,268
INSPECTED: Dec. 7, 1971

CONFIDENTIAL
FOR MEMBERS AND SUBSCRIBERS AND THEIR AUTHORIZED EMPLOYEES ONLY

No Previous Short Reinspection Reports

SHORT REINSPECTION REPORT

CONNOHIO, INCORPORATED

CLEVELAND, OHIO. 2000-12 West 14th Street including 1401-35 University Road.

CLASS OF RISK: General storage warehouse without stipulation.

* * * * * * *

This risk was reinspected on the above date and no changes of consequence have occurred since last report.

S.A. Ott, Inspector

mm

Inspector: LT. MCNEILLY

CITY OF CLEVELAND
DEPARTMENT OF PUBLIC SAFETY – DIVISION OF FIRE
FIRE PREVENTION BUREAU
KEVIN G. GERRITY, CHIEF
Division of Fire

PERMIT NO. 32655 FEE $ 50.00 DATE 1/8/01

EXPIRATION DATE: 1/7/04

PERMIT APPLICATION
FOR THE STORING, HANDLING, SALES OR USE OF
HAZARDOUS SUBSTANCES

APPLICANT QUALIFIED INTERIORS INC

LOCATION 2000 W 14 CLEVELAND 44113
(Complete Address)

Building Height 2/20 FT Stories 12 Area 10,000SF L 50 W 200

Construction I__ II__ III__ IV__ V A-B-C

Occupancy _____ Other occupancy _____

One Application for each No. Item **List Kind & Quality of Substance**

1. Corrosives _____
2. Flammable liquids WASTE PAINT
3. Combustible liquids THINNER
4. Flammable solids _____
5. Compressed Gases _____
6. Organic Peroxides _____
7. Liquefied Petroleum Gases _____
8. Oxidizers _____
9. Reactive Chemicals _____
10. Nitrocellulose Film _____
11. Pyroxlin Plastic _____
12. Radioactive _____
13. Refinishing with Highly Flammable Liquids, i.e., bowling alleys, other assemblies: _____
14. Dip Tanks _____ Spray Booths _____ Spray Rooms _____
15. Other Substances: _____

Method of Storage: OUTSIDE INSIDE FENCED AREA
LABELED CONTAINERS & SIGNS POSTED

REMARKS:

Site #15
Leon Rudnick

FILE
C of C 73211
FL 2943 7-10-64

CITY OF CLEVELAND

BUILDING RECORD

DEPARTMENT OF PUBLIC SAFETY—DIVISION OF FIRE
FIRE PREVENTION BUREAU

C. T. D. 2

STREET ABBEY AVE. HOUSE No. 1404 BLDG. NAME

STORIES 1 CONSTRUCTION STONE-BRICK-FRAME

OCCUPANCY Industrial N. C. 50 x 250 x 15

OWNER OR AGENT [illegible] ADDRESS

FOR PARTICULARS SEE INSPECTIONS BY WARDENS OR COMPANIES UNDER DATE LISTED BELOW IN INSPECTION FILE NO.

Enter All Fires In Chronological Order in Red Ink

Date	Inspector	Conditions Found	Closed
31-41	Kiste	OK	OK
-6-44	Kiste	Baum Ice Cream Co.	OK
-5-45	Kiste	Baum Ice Cream Co.	OK
-15-46	Rutenbeck	Baums Ice Cream Co.	OK
-26-46	Rutenbeck	Baums Ice Cream Co.	OK
-30-48	Corrigan	Baum Ice Cream Co.	OK
-2-48	Corrigan	Baum Ice Cream Co.	OK
-21-50	Dempsey	Instructed manager to ask Service Dir. for permission to place oil tank in tree lawn	
-13-50	Eller	Letter from Director of Public Safety. Checked location of fuel oil Tank. to be installed in tree lawn at North side of this address. Tentatively approved until Plan is submitted.	
9-19-50	Letter to	A.J.Sutton - Above letter in Chief Ferries file.	534
1-3-50	Eller	Insp. installation of 1-1000 gal. fuel oil in tree lawn. Ordered concrete mat over tank because of cars parking over same.	
-31-51	Balke,E.21-	Insp. Ice Cream Mfg. - No Violations	
-10-52	Archibald	Wiring is being changed for new equipment, everything in good order.	
2-30-55	Archibald	Inspected	OK
1-29-56	Archibald	Inspected	OK
1-14-59	H #1	Major Insp.	
-1-60	Eng.#2	Major Insp.	
0-9-61	Eng.2 & 21	Major Inspection (Fisher Foods)	
-15-62	Eland	See report - Request letter re. Doors 3/4 hr. Fire Res. Self closers	
-17-62	Letter sent	to Mr. P.J.Conway, Fisher Food Co. 2323 Lakeside # 16-62	FILE
-18-62	Eland	Recheck Will correct violations	
2/ 4	Tedrahn	Fisher Foods - Noticement to grounds safety Eng. Self Closers	FILE
7/10/64	Tome	1000 GAL TANK APPLICATION ON THE INSTALLATION OF (1) U.G. STORAGE TANK OF GASOLINE.	FILE
7/20/64	Thomas	Insp of 1000 gal U/G tank	

ABBEY AVE. STREET

1404 HOUSE NO.

OTHER FRONTAGE

E-4

4-E-4

STREET | HOUSE No. | BLDG. NAME

Date	Inspector	Condition Found	Closed
7/24/64	Thomas	Permit #2363	
7/24/64	Thomas	Recheck - Final notice	
8-14-64	Thomas	Rec'd Tank report signed	
8-26-64	Thomas	Re-Ck. Abated	
12/3/65	Bullman	Insp. Ltr's	FILE
10/17/66	Gallagher	Survey Insp. Target.	
12-15-66	McAdams	Insp Ltr in need of service	FILE
6-2-69	Rec'd notice of Trial of Bldg ord's.		FILE
1-7-70	Heideck	V/O Insp see report	FILE
3-21-72	Heideck	Insp V/s noted	FILE
3/24/81	Glance	Partial - Vacant	
11-10-82	E-2	Vacant	
3-29-83	Eng-2	Vacant	
6-17-83	Eng-2	Vacant	
12/10/84	Oliver	Complete 5 B/O's and Letter 1-A	FILE
12/31/86	Oliver	Letter sent: Regarding violations to Tom Ulas	
1/13/87	Oliver	Partial	FILE
12/31/86	Oliver	Letter Sent: Re: Violation	
2-3-87	Oliver	Meeting	FILE
2-6-87	Oliver	Ltr — see report	FILE
2-10-87	Oliver	Tank abandonment	FILE
2-12-87	Oliver	Tank abandonment-see report	FILE
5/5/87	Keil	Complete (Bd.T.) Industries - Vio. letter + inspection	
5/5/87	Howe	Assist (Keil)	
5/6/87	Keil	Insp. Rec'd Ltr 1-A	
4-14-87	Cummings	Approved use permit	File
5-21-87	"	Vio letter sent - general use	File
7/24/91	Williams	No entry	
5-16-95	Austin	Complete Insp.	
7-21-95	Austin	Complete Insp - All clear	File
7-24-91	KEITH	Plans Rec. - See Report	file

CITY OF CLEVELAND
DIVISION OF FIRE
FIRE PREVENTION BUREAU

Address		Inspection District	Census Tract
1408 Clarkwood Avenue			
Property Name	**Property Number**	**Structure No.**	**Fire Demand Zone**
Ohio Body & Frame			
Responsibility Party	**Address**		**Telephone**
Parcel No.	**Type of Construction**	**Number of Stories**	**Ground Floor Area**

STREET

HOUSE NUMBER

FOR PARTICULARS SEE INSPECTIONS BY INSPECTORS OR COMPANIES UNDER DATES LISTED BELOW. ENTER ALL FIRES IN CHRONOLOGICAL ORDER IN RED INK.

DATE	INSPECTOR	REMARKS
12/10/86	Oliver	Complete 12 Viol's Send Letter 1-14 FILE
12/31/86	Oliver	Letter Sent re: Viols to Ann & William Halczyszak
1/13/87	Oliver	Delivered Oz Permit FILE
2/3/87	Oliver	Reinspection FILE
5/5/87	Heil	No Entry
5/5/87	Kovac	Assist (Heil)
2/31/87	Tesdale	partial Insp. Report to follow
7/24/91	William	Complete Insp. Report file
8-8-91	Williams	Complaint insp. No entry; See report file
8-26-91	WILLIAMS	COMPLAINT - NO ENTRY FILE

E-4

1408 Clarkwood Avenue

7-8

CITY OF CLEVELAND
DIVISION OF FIRE
FIRE PREVENTION BUREAU

Address		Inspection District	Census Tract
1402 Abby Avenue			
Property Name	**Property Number**	**Structure No.**	**Fire Demand Zone**
Graphite Equipment			
Responsibility Party	**Address**		**Telephone**
Parcel No.	**Type of Construction**	**Number of Stories**	**Ground Floor Area**

STREET

HOUSE NUMBER

FOR PARTICULARS SEE INSPECTIONS BY INSPECTORS OR COMPANIES UNDER DATES LISTED BELOW. ENTER ALL FIRES IN CHRONOLOGICAL ORDER IN RED INK.

DATE	INSPECTOR	REMARKS
12/10/86	Olwin	Complete & Vio's (Verbal) FAL
1/13/87	Olwin	Delivered O2 Permit
5/5/87	Heil	Complete - Vio. Letter # requested
5/5/87	Konac	Assist (Heil)
5/6/87	Heil	Insp. see report
8/4/87	Heil	Rec'd letter from Lee of Bldg. request for Insp. FAL
5-15-98	Keith	plans review
6-4-98	"	plans review

E-4

1402 Abby Avenue

4-2

C OF C 77-304A

4/

CITY OF CLEVELAND

FILE

DEPARTMENT OF PUBLIC SAFETY
DIVISION OF FIRE

FIRE PREVENTION BUREAU

Nov 30 1945

SIR:

1404 Abbey — 1 Story — type III

W. ow — N 225 — H 16

V/P tank 1000 gal — Bldg Name - Carnegi Corned Beef

Class I — owner J. Abrams.

Permit # 2363 — C. H. Ohio

No use permit as — Contacted Al Kaufmen

This Bldg has recently been purchased by Carnegi Corned Beef. The Bldg was formerly Baum's Ice Cream. At the present time there are some changes being made but structual. The Ammonia type refrigeration system for coolers will remain.

The Bldg is heated by a gas fired steam plant. Vented to chimney [illegible] gas shut off. This [illegible]

Inspector .....

Total Fee $ 10.00

CITY OF CLEVELAND
Department of Public Safety
Division of Fire

Permit # 2363

Date of Application 7-10-64

APPLICATION to INSTALL 1 **TANKS for ALL SUBSTANCES, other than water, above ground** ___ **underground** ✓ **inside** ___ **outside** ___ **other** ___

1481 Abbey (LOCATION) FISHER FOODS WAREHOUSE (OCCUPANT) Tank spec's ASME ___ API ___ ICC ___ UL ✓ Other ___

PUMPS: type ___ submerged ___ inline ✓ remote ___. Valves req'd; ___ relief ___ excess flow ___ impact ___ internal check ___ other ___ swing line ___

UNDERGROUND: Depth of fill cover (circle) 1½'; 2'; 2½'; (3'); 4'. Type of fill cover; Sand Sand bed & fill, 6"; (12").

ABOVE GROUND: Dikes (state dimensions, capacity & material) ___

Grounding arrangement: ___ support protection: ___

1 Tank(s) cap. 1000 size 42" x 10'9" gauge ___. Vent size [redacted]", ___", arrestor req. ✓ fill size 3" Fee $ ___
normal emrg.
Distances to, lot line 18' street line 18' between tanks ___ building 5'. Contents Gasoline type ___ ident. ___

___ Tank(s) cap. ___ size ___ gauge ___. Vent size ___", ___", arrestor req. ___ fill size ___ Fee $ ___
normal emrg.
Distances to, lot line ___ street line ___ between tanks ___ building ___. Contents ___ type ___ ident. ___

___ Tank(s) cap. ___ size ___ gauge ___. Vent size ___", ___", arrestor req. ___ fill size ___ Fee $ ___
normal emrg.
Distances to, lot line ___ street line ___ between tanks ___ building ___. Contents ___ type ___ ident. ___

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained and to comply with all the ordinances of the City of Cleveland, the laws of the State of Ohio and all the rules and regulations of the State Fire Marshall, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, relating to the Storage of hazardous Substances.

Applicant x A.G. Mellon Mgr. Chief ___ Zoning: Map ___ Sh ___ –
SIGNATURE

___ per ___ Use ___
FIRE PREVENTION BUREAU

Installed by Ohio Oil Co Tel: ___

Approved by ___
DIVISION OF BUILDING

Remarks ___

NOTE: If disapproved, draw line through signature space.

COPC73-226

SITE plan on reverse side.

duplicate

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY
DIVISION OF FIRE
FIRE PREVENTION BUREAU

FILE

6 Feb 1967

Re. Abandon Tank Progress Report 1404 Ansley

Capt Chris Gonce — Chief Inspector FPB

The product was remove from the abandom tank and put into a 55 gallon drum ~~truck~~. The drum was over half full. The owner will look for an approve dumping site before disposing the product.

Inspector: James Allen

COPIES MADE F.P.B. 6/15/67

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY
DIVISION OF FIRE
FIRE PREVENTION BUREAU

#1

10 Feb 19 82

Capt Chris Lance — Chief Inspector FPB

Re: 1404 Abbey
Tank Abandonment

FILE

I discussed with Leon Rudnick the slurry mix that will used to fill the abandon tank on Feb 12th
The product mix was developed by Gene Isma of Cleveland Builders (621-4300) which was submitted and approved by Cleve Fire Prevention Bureau
The mix-contents is as follows
1 sack of cement → (94 ~~lbs~~ feet)
2 sacks of fly-ash → (140 ~~lbs~~ feet)
3000 lbs of concrete sand
and an additive that will increase the mix's volume
We need 6.25 yds

Inspector James Oliver

COPY TO DIV. & F.P.B. 2/10/82

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY
DIVISION OF FIRE
FIRE PREVENTION BUREAU

FILE

12 Feb 19__

Report

Capt Chris Gance — Chief Inspector FPB

Re: 1404 Abbey
Tank Abandonment → Slurry

I observed the underground tank being slurried with the concrete mixture (product make up discussed earlier in the week) Everything appear to go well.

Inspector: [signature]

Site #16
Wendell & Carroll Collins/1501 Companies

2167 West 15 St.

93' x 54' x 16'
Ind. C Type III

DATE	INSPECTOR	REMARKS
5-13-77	Cameron	Addition permit #56545 - in progress, place on Std Insp. List. - Lic report

CITY OF TUCSON

2115 W. 15th St
T.I.G. Welding Co.

DATE	INSPECTOR	REMARKS
4-21-98	Pedroza	Complete Insp - Verbal Given

CITY OF CLEVELAND
DIVISION OF FIRE
FIRE PREVENTION BUREAU

Address		Inspection District	Census Tract
2183 W. 15th St.			
Property Name	**Property Number**	**Structure No.**	**Fire Demand Zone**
Responsibility Party	**Address**		**Telephone**
Diamond Wheel Fabricating			
Parcel No.	**Type of Construction**	**Number of Stories**	**Ground Floor Area**

STREET

HOUSE NUMBER

FOR PARTICULARS SEE INSPECTIONS BY INSPECTORS OR COMPANIES UNDER DATES LISTED BELOW. ENTER ALL FIRES IN CHRONOLOGICAL ORDER IN RED INK.

DATE	INSPECTOR	REMARKS
3-26-99	Oliver	Diamond Wheel Fab. Plan Review SEE report

2183 W. 15 STREET

2177 West 15th Street

4

DATE	INSPECTOR	REMARKS	
5-15-92	Keith	Plans Review, see report	File
2/25/93	Little	C of O Insp. P-4436 / approved send ltr #6	File
2/25/93	Little	Complete Insp. see report	File
3/19/93	Little	ltr #6 sent	file
8-12-98	VESELSKY	SITE INSP. FOR C of O	F

Site #17
Terminal Oil

FILE

FORM 211-73

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY - DIVISION OF FIRE

BUILDING RECORD

FIRE PREVENTION BUREAU

C. T.

883 10-18-55

STREET CENTRAL VIADUCT HOUSE No. 308 BLDG. NAME

STORIES 1-2-3 CONSTRUCTION BRICK - Scl.

OCCUPANCY C. O'BRIEN & NYE.

OWNER or AGENT ADDRESS

FOR PARTICULARS SEE INSPECTIONS BY WARDENS OR COMPANIES UNDER DATES LISTED BELOW IN INSPECTION FILE No. 2

Enter All Fires In Chronological Order In Red Ink

Date	Inspector	Conditions Found	Closed
1-16-40	Reynolds	Office - Receiving & Shipping all	O/C.
9-27- "	"	all in order	O/C.
4-4-44	#3669	@ 907 Rm. Warehouse Electric Motor no	—
7-7-44	Reynolds	O'Brien & Nye Meats & office	O/C.
11-21-44	"	O'Brien & Nye Meats	O/C.
10-9-46	Cooney	O'Brien & Nye Cartage	O/C.
10-9-55	#756R	@ 5 07 P.M. Trucks 9-B-683 & 8-BY-66 Undetermined Est. $250.00	
10-55	See Report	of Cas #711 - Stanton & Driscoll, 10/10/55, for details. Most Probable Cause - Vagrants.	
10-20-55	Eynon	Insp & approved 12000 gal underground gasoline storage tank Installation Permit #883	
3-7-57	Heinz	Approved 1-6000 gal Permit 1190	
5/22/64	Kendzy	Letter sent re Covers Waste Containers etc.	
12/7/66	Gates	Insp. W/o. Install Cpt. near Fuel tank & Pump House	
1-19-67	Verdick	Insp. See Report-	FILE
11-3-69	Buss	Insp W/O's issued See Report	FILE
2-26-71	Klemm	Insp. W/o's issued	FILE
1-11-74	Gannon	Insp. W/O's issued See Report	FILE
3-20-74	Gannon	Re Insp See Report	
9-27-74	Eland	Approved application for permit to install 1-6000 gal U/G Fuel oil tank.	
10-10-74	Eland	RE: 6000 gal U/G Fuel oil tank - Test. Letter to	FILE
10-14-74	Feeney	U/G Piping Test-	
5/19/76	Eland	RE: FS # 8032 See report	FILE
5/19/76	Gannon	Insp. - V/O's	
9/19/76	Eland	Complaint Re: leaking LPG cylinder (H+L) abated	
9-12-77	Gannon	Insp. - V/O's	FILE
2-22-79	McCracken	Insp Key Bldg # 41-19	FILE
3-20-79	McCracken	Reinsp - 3 viols abated See report	
4-2-79	McCracken	Reinsp 3 viols abated See report	

OTHER FRONTAGE

CENTRAL VIADUCT

HOUSE No. 308

690-698 W. CANAL RAPIDS DRIVE

E 2

STREET HOUSE No. BLDG. NAME

Date	Inspector	Conditions Found	Closed
Ja. '82	E2	Insp.	
1-31-86	Root	Insp. informed Tanks never O.O.S.	FILE

C OF C FORM 73-21 FILE

TK 2425 7-19-63
TK 2426 7-19-63
TK-4416-9-27-74

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY—DIVISION OF FIRE
FIRE PREVENTION BUREAU

BUILDING RECORD

C. T. _____

STREET NICKEL PLATE DR HOUSE No. 690-790-890 BLDG. NAME

STORIES 1-2 3 CONSTRUCTION BRICK S.S. 1200' x 50' x H

OCCUPANCY ~~CORN PRODUCTS SALES CO.~~ STORAGE NATIONAL CARLOADING

OWNER OR AGENT Nickel Plate R.R. ADDRESS

FOR PARTICULARS SEE INSPECTIONS BY WARDENS OR COMPANIES UNDER DATE

LISTED BELOW IN INSPECTION FILE NO. _____

Enter All Fires In Chronological Order in Red Ink

Date	Inspector	Conditions Found	Closed
1-16-40	Reynolds	David Bertrand Trucking Co. good order	OK
8-2-40	#4849	Care - Cigarette Loss none	
9-27-40	Reynolds		OK
6-30-41	#4748	@ 3:15 P.M. Grass Bonfire no loss	
10-14-41	Reynolds	Home Flour Co.	OK
" "	" "	David Bertrand Trucking Co.	OK
" "	" "	Nat. Carloading & Product Sales Co.	OK
2-7-44	" "	Insp all 3 Co.	OK
7-21-44	" "	Insp all 3 Co.	OK
8-[illegible]-46	#6915	1:26 P.M. Rubbish - Smoker. none	
10-9-46	Cooney	Inspted all 3 Co	OK
8-18-51	Salisbury	Insp all 3 Co	OK
7-16-52	#7534	@ 7:53 P.M. Smoker no loss	
1-3-52	#62	@ 5:15 A.M. Overheated gas heater Loss 10.00	
5-26-54	Wiemer	Insp. All 3 Co.	OK
6-1-55	Wiemer	Insp. Corn Sugar Co. Nat. Carloading & Andrews Cartage Co	OK
7-12-56	Wiemer	Warehouse, Multiple occupancy	OK
7/1/59	Lyons	Ufferment on fence no obstruction	
5/14/64	Parady	Insp Seeport	FILE
5/15/64	Parady	Continue	
6/9/64	Received	Letter from Mr Markworth - Letter to Bureau	
6/23/64	Received	Letter From Mr Markworth " " "	
9/3/64	Parady	See report	
12/7/66	Gates.	Insp. F/C. Open Electric Boxes C 890 National Carloading Co.	
12/13/66	Gates.	Insp. F/C. C/T's. Have Rechanged. occupancy Separation. C 790 Consol. Freight	
12/[illegible]/66	Gates.	Insp C Truck Rail Co. 690	
1-[illegible]-67	Parady	Insp See Report.	FILE
3-31-67	Parady.	Re Insp. Viol noted. Send notice C 790 Nickel Plate	FILE
5-27-68	Jonke.	Insp. occupants - Floors - Viols noted + C/O's issued See Report	FILE

NICKEL PLATE DR. 690-790-850-890 A.K.A. 308 CENTRAL VIADUCT

AKA 700 BE Rg

HOUSE NO. STREET OTHER FRONTAGE

FILE

CITY OF CLEVELAND
DEPARTMENT OF PUBLIC SAFETY
DIVISION OF FIRE

Permit No. 883

Application No. _____

File No. _____

Fee $ _____

$ _____

$ _____

$ _____

Total Fee $ 5.00

Application For Permit to Install Storage Tanks for Hazardous Substances

Cleveland, Ohio Oct 18 1955

To the Chief of the Division of Fire:

I, Universal Oil Co. (owner) hereby make application for a permit to install Storage Tanks, for Hazardous Substances, as described in this Application and the accompanying drawing which are part of this Application.

LOCATION AND DESCRIPTION OF LOT

No. and Street 308 Central Viaduct (OBrien Castagero) Sublot No. _____

LOCATION AND DESCRIPTION OF TANKS

Dimension and Capacity 1— 2,000 gal Tank

Size of Vent 1½" Size of Fill Pipe 3" Thickness of Tank Material 7 Gauge

Distance from Lot line 40' between tanks _____ from street line 40'

Distance from Buildings on Premises 15' Use of Tank Gasoline

Installed by Oil Equipment Serv. Co Address 1571 Elmwood Av (7) Tel. AC 1-4535

Owned Universal Oil Co. Address 2945 E 85th St. Tel. MI 1-0051

Comments Removing 1— 1,000 leaker — Installing 1— 2000 new Tank, Same Location.

Estimated Cost $600.00

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained, and to comply with all ordinances of the City of Cleveland, the laws of the State of Ohio, and all the rules and regulations of the State Fire Marshal, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, relating to the Storing of Hazardous Substances.

Applicant Oil Equipment Service Co. [signature]

(5)-B-4-Gen. Ind. Zone-

To the Chief of the Division of Fire:

I hereby certify that I have examined the data furnished by the applicant and the same is approved. A. Frank
Oct, 18, 1955

Examiner of Plans_____ Division of [redacted] Building.

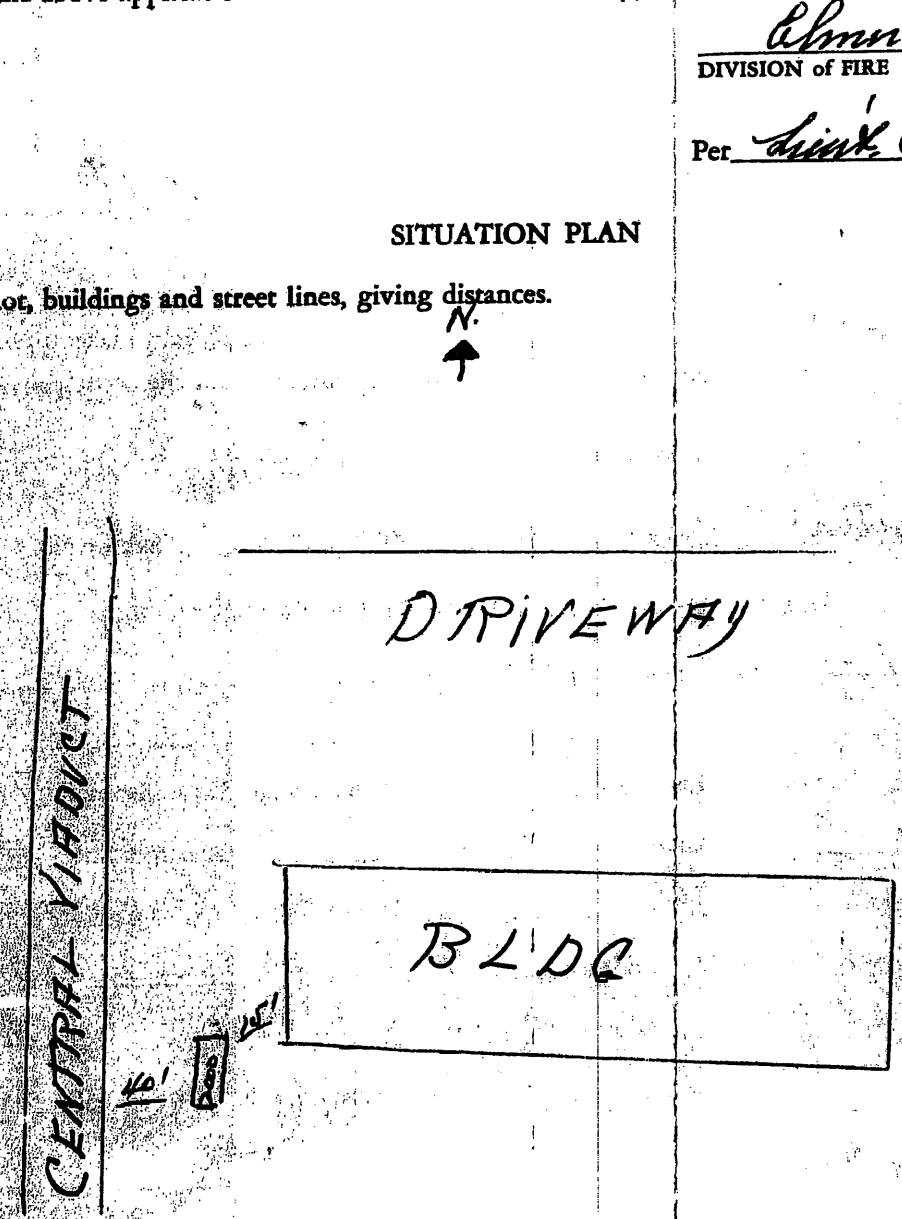
I hereby approve the above application for Permit to install the tank (s).

Elmer M. Cain, Chief
DIVISION of FIRE

Per Lieut. R. W. Cayton

SITUATION PLAN

Show all lot, buildings and street lines, giving distances.



FORM 225-73

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY

DIVISION OF FIRE

Application No. 15559 Fee 1.00 Date March 7th 1957

Permit Application
For the Storing, Handling, Sales or Use of
Hazardous Substances

Elmer M. Cain, Chief
Division of Fire

Applicant O'Brien & Nye Cartage Co.

Location 308 Central Viaduct

Building Height 20' Construction Brick & Block

Occupancy Trucking Co. Other Occupancy None.

Storage is underground & dispensing not done in this building.

Calcium Carbide _____ Nitrocellulose Film _____

Corrosive Liquids _____ Portable Booths _____

Dip Tanks _____ Pyroxlin Plastic _____

FLAMMABLE LIQUIDS Spray Booths _____

Class 1 1000 (Gasoline) Gals. Tire Retreading & Rebuilding _____

Class 2 _____ Gals. Refinishing with Highly Flammable liquids such as Bowling Alleys and similar surfaces in places of Assembly—

Class 3 _____ Gals.

Organic Peroxide Hazard Gases _____

Toxic Hazard Substances _____ Unfired Pressure Vessels _____

STORAGE

Cabinets _____ Floor _____ Tanks ✓ Vaults _____ Shelves _____

Location Underground Use _____

Transporting _____ Sales None

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained, and to comply with all ordinances of the City of Cleveland, the laws of the State of Ohio, and all the rules and regulations of the State Fire Marshal, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, Relating to the Storing, Handling, Sales, Transportation and use of Hazardous Substances.

Applicant _____

Date March 7th 1957 Inspector _____

C OF C 73-204A

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY
DIVISION OF FIRE

FIRE PREVENTION BUREAU

Feb 2 1966

SIR:

Information only
No inspection

308 Central Viaduct - 690 - 890 Nickel Plate Drive
1-2 & 3 story brick & wood mill & floors on steel
beams 13-16 & 42' high
50 X 425 Type III 1 story section
50 X 50 Type III 2 story "
50 X 270 Type III 3 story "
Storage (Truck transfer dock)
308 - O'Brian & Nye Cartage Co.
690 - Truck Rail Assn.
790 - Republic Carloading
Clipper Carloading
Consolidated Cartage
890 National Carloading
Pacific & Atlantic Shippers
Corn Products Co Assn.

Bay door is on the west side of the building.

Inspector: Robert E. Landy

Total Fee $ 20.00 — Entered on card 10-3-74 m.w

CITY OF CLEVELAND
Department of Public Safety
Division of Fire

Permit # 4916

Date of Application 9.27.74

Date of Approval _____

APPLICATION to INSTALL 1 TANKS for ALL SUBSTANCES, other than water, above ground ____ underground ✓ inside ____ outside ____ other ____

308 CENTRAL-VIADUCT (LOCATION) O'BRIEN & NYE (OCCUPANT) Tank spec's ASME ____ API ____ ICC ____ UL ✓ Other ____

PUMPS: type ____ submerged ____ inline ✓ remote ____. Valves req'd; ____ relief ____ excess flow ____ impact ____ internal check ✓
other ____ swing line ____

UNDERGROUND: Depth of fill cover (circle) 1½'; 2'; 2½'; (3'); 4'. Type of fill cover; Sand Sand bed & fill, 6"; (12").
ABOVE GROUND: Dikes (state dimensions, capacity & material) ____

Grounding arrangement: ____ support protection: ____

1 Tank(s) cap. 6,000 size 8'4" x 21' gauge ¼. Vent size 2 (normal), ____ (emrg.), arrestor req. ✓ fill size 3 Fee $ ____
Distances to, lot line 32' street line 20' between tanks ____ building 50'. Contents FUEL OIL type #1 ident. ____

____ Tank(s) cap. ____ size ____ gauge ____. Vent size ____ (normal), ____ (emrg.), arrestor req. ____ fill size ____ Fee $ ____
Distances to, lot line ____ street line ____ between tanks ____ building ____. Contents ____ type ____ ident. ____

____ Tank(s) cap. ____ size ____ gauge ____. Vent size ____ (normal), ____ (emrg.), arrestor req. ____ fill size ____ Fee $ ____
Distances to, lot line ____ street line ____ between tanks ____ building ____. Contents ____ type ____ ident. ____

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained and to comply with all the ordinances of the City of Cleveland, the laws of the State of Ohio and all the rules and regulations of the State Fire Marshall, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, relating to the Storage of hazardous Substances.

Applicant A Hunsicker (SIGNATURE) Chief William E Barry Zoning: Map ____ Sh S –

14511 Tabor Ave per R E Lund Capt (FIRE PREVENTION BUREAU) Use B-4 GEN. IND.

Installed by A Hunsicker Mgmt Tel: ____ Approved by Ed Jamieson 9-27-74 (DIVISION OF BUILDING)

Note: No product other than water shall be placed in flammable or combustible liquid storage tank until piping is installed & inspected.

NOTE: If disapproved, draw line through signature space.

Tank Owner: O'Brien Nye. Type of piping material used: ____

Remarks: ____

SITE plan on reverse side.

COF C73-226 F.P.B. 4/1/64

'73 - 2M

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY
DIVISION OF FIRE

FIRE PREVENTION BUREAU

FEB 12 1986

1/31 19 86

308 Central Viaduct (AKA 690 Nickel Plate)
Terminal Oil
John Gillotta, part owner.

Mr. Gillotta advises that the U/G tanks located at 308 Central Viaduct have never been O.O.S. Terminal Oil took over operation right after O'Brien & Nye Trucking relocated.

Norfolk & Western R.R. is the owner of the entire complex. At present space is leased by several trucking companies.

Mr. Gillotta will forward letter stating that tanks were not O.O.S.

Inspector: A. Root Lt.

FAXED 9-29-93

TANK TECH ENVIRONMENTAL inc.

September 28, 1993

Mr. Terry Chambers, FGF
Fire Prevention Bureau
Division of Fire
City of Cleveland
1645 Superior Ave. E
Cleveland, OH 44114

Mr. Chambers:

Please be advised that as of today, September 28, both BUSTR and the PUST RCB recognizes the registration of the Norfolk and Western Railway site located at 308 Central Viaduct, Cleveland, Ohio, as being current.

BUSTR lists this location as facility #186841, owner #108, the PUST RCB lists this facility as #7, owner #7741.

I have attached BUSTR's and PUST RCB's confirmation letters of registration and a copy of our application for removal which was sent to you.

Please advise us of your earliest available date for tank extraction.

Sincerely,

Stephen D. Heintzelman
President, CEO

SH/bam

Enclosures

c: R. L. Miller

TANK TECH ENVIRONMENTAL, INC. • P.O. Box 871 • Findlay, Ohio 45839-0871
24 hr. service • (419) 422-1212 • FAX: (419) 422-2225

Site #18
Cleveland Fire Station

Ohio Department of Commerce
Division of State Fire Marshal
Bureau of Underground Storage Tank Regulations
8895 E Main St. • P.O. Box 687
Reynoldsburg, OH 43068-9009
(614) 752-7938 FAX (614) 752-7942
www.com.state.oh.us

Bob Taft
Governor

Lt. Governor Jennette Bradley
Director

July 28, 2003

NORMAN KIRCHER
13608 ST CLAIR AVE
CLEVELAND, OH 44110

SITE: CITY OF CLEVELAND
SAFETY SIGNAL DIVISION
310 CARNEGIE AVE
CLEVELAND OH
CUYAHOGA COUNTY
RELEASE #18000667-N00001

RE: NO FURTHER ACTION STATUS REGARDING CLOSURE REQUIREMENTS

Dear Mr. Kircher:

The Bureau of Underground Storage Tank Regulations (BUSTR) has reviewed all information submitted for this release. Based on this information, BUSTR requires no further action (NFA) involving closure requirements under Ohio Administrative Code (OAC) 1301:7-9-12, effective March 1999.

Thank you for your cooperation. If you have any questions, please contact our office at (614) 752-7938.

Sincerely,

Kelly J. Gill
Corrective Action Supervisor

cc: Site File

00000100

Otter Corrective Action Release Report
Release 18000667-N00001 printed by Gill

Responsible Party
0

Person Reporting Release
Norman Kircher

13608 St Clair Ave
Cleveland, OH 44110
(216)531-7000

Release Location
18000667 - CITY OF CLEVELAND FIRE ALARM

310 CARNEGIE AVE
CLEVELAND, OH 44115
Cuyahoga

Release Information
Release Number: N00001
Date Reported: 5/28/03
Source: Closure
Content: Diesel
Rules: 1999
Class: D
Deed Restriction: No
Date of Last Status Change: 7/29/03
LTF Code: 6 Closure of regulated UST

Site Information
Site/Area Type: Residential
GW Flow: Unk GW Depth: Unk
Sensitive Area: No Wellhead Protection: No
Depth to Bedrock: Unk
Cleanup Tech:

Contamination
Soil Contamination: No
Soil Category: Silty/clayey sands soil Soil Class: CL
Total Gal FPR:
Contaminant:
Above AL:

GW Contamination: No
Type of GW: Drinking Water
Alt DW supplied: No
Total Gal GW remediated:
Contaminant:
Above AL:

Priority Tracking System
Soil: 0 None
Water: 2 <10x
Free Product: 3 Undetermined
Drinking Water: 4 Potential
Other: 3 Potential
Rating: 12

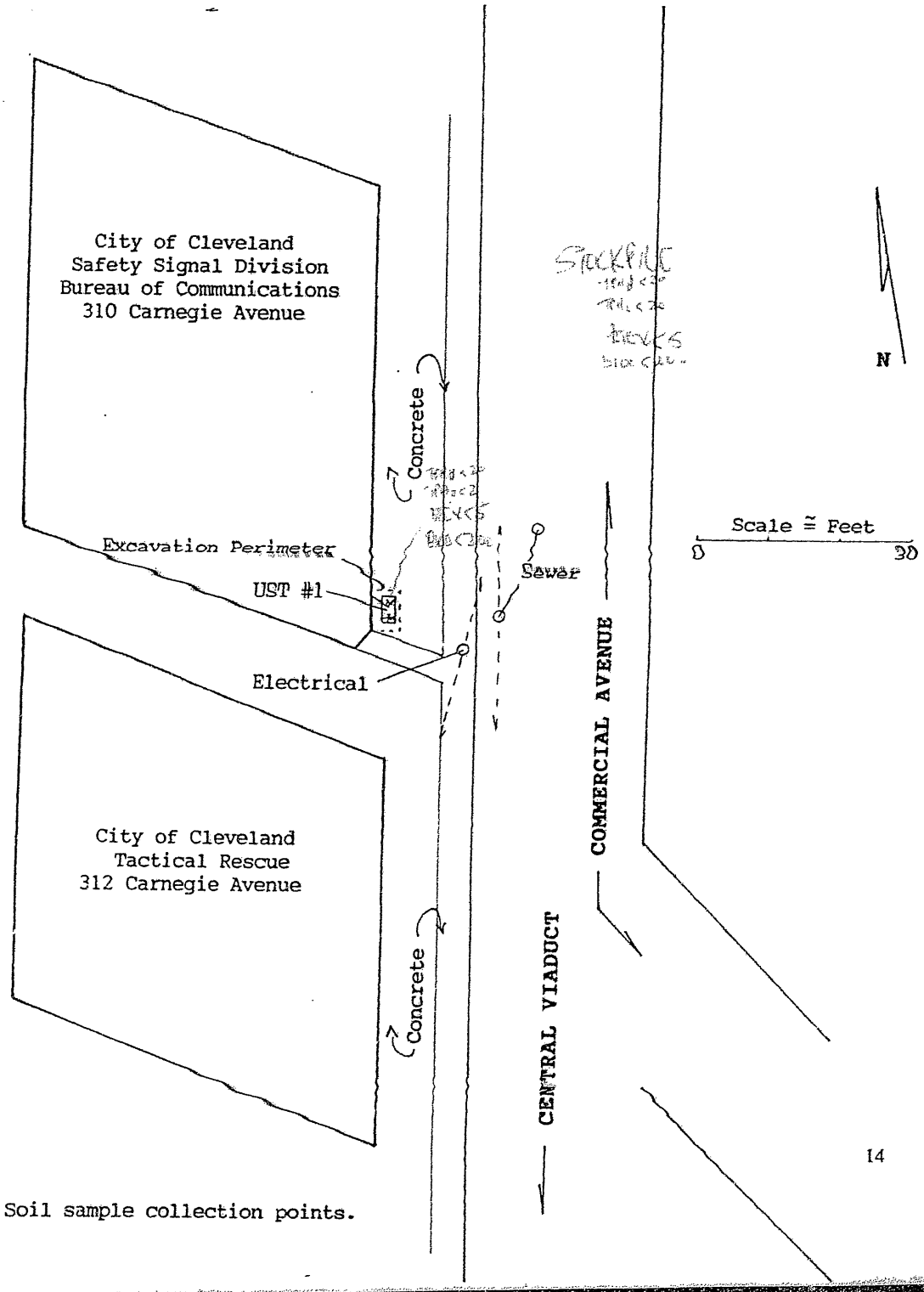
Otter Corrective Action Release Report
Site Listing Update

closure report received 7/18/03
soil tph<40 btex<5 8270<200
gw not sampled

00004183

7.0 SITE MAPS / SKETCHES

Property Sketch



* — Soil sample collection points.

5494

C of C 73-211 FILE

CITY OF CLEVELAND

BUILDING RECORD

DEPARTMENT OF PUBLIC SAFETY—DIVISION OF FIRE

C. T. ____

FIRE PREVENTION BUREAU

STREET Carnegie Ave HOUSE No. 310 BLDG. NAME Fire Station #28

STORIES 2 CONSTRUCTION 119 x 95 x 35

OCCUPANCY

OWNER OR AGENT City of Cleveland ADDRESS

FOR PARTICULARS SEE INSPECTIONS BY WARDENS OR COMPANIES UNDER DATE

LISTED BELOW IN INSPECTION FILE NO.____

Enter All Fires In Chronological Order in Red Ink

Date	Inspector	Conditions Found	Closed
5/28/63	Eland	Fire Station #28 Insp.	FILE
7/24/63	Report	Fwd. to Ch. Barry - copy in our Fire Sta. File	
2-7-'68	# 1527 @ 2 50 PM	Auto 4P860 Backfire	$45.00
8-21-69	Hrdlicka	Complaint Insp Req for EAC See Report	
-21-79	Ferguson	Indust Survey. See Report	
10-13-83	Hearns	Partial Recommend that kitchen would be the ideal location w/minor adj. Passed on to Lt Patten-Lt Hearns	
1-2-83	Hearns	Meeting to go over requirements for arson evidence room.	
2/1/84	Carlton	partial	
-15-84	Carlton	Insp. 2 vio's	
-5-84	Carlton	reinsp 1 vio abated	
26-84	Carlton	reinsp 1 vio abated	
28-84	Scott	Haz. Mat	
2-85	Gonce	Haz-mat 1 vio	FILE
-13-85	Knecht	Site Insp. Report to follow	
-16-85	Knecht	Site Insp.	FILE
-17-85	Knecht	Site Not Ready for pipe Test	
-17-85	Knecht	Site approval for 1-500 gal fiberglass Tank #5494	
7-19-85	Kochharski	(F.A.O) Re-Insp. piping for emerg. generator/burners in parking	
7-18-85	Kochharski	(F.A.O) (See Report) No vio's witnessed test of piping	
7-25-85	Kocharski	FAO - Partial	
3-10-86	Smith, T.	Complete	FILE
5/9/86	Gonce	Haz-Mat	FILE
2/15/86	Gance	Rec'd letter Re: Fire Code violation	
2-1-89	Reed	Registration form for U/G storage Tanks	File
4-	Leitt	partial Insp. report to follow	
2/15/90	Leitt	Complete Send letter #1	
5/2/90	Ramos	SARA	File
6/28/91	Kietm	Plans review - see report	File

STREET Carnegie Ave

HOUSE NO. 310

OTHER FRONTAGE

DIST.-1 WK.-34

E-2-1 E3

STREET HOUSE No. BLDG. NAME

Date	Inspector	Condition Found	Closed
10-10-95	Austin	Complete	

FILE

FIRE STATION 28

Location: 310 Carnegie Avenue June 13, 1963

Occupant: Engine 28, Squad #1, Fire Alarm Office, Assistant Chiefs Personnel: 51

Description of Building: Two story stone and concrete, reinforced; 119' x 95' x 35' high, Type I construction. Fire station and Fire Alarm Office. Walls of building were designed to carry six story building. Cellar under fire station, but none under the Fire Alarm Office.

Means of Egress: Four at grade; one at cellar; exclusive of apparatus doors.

Stairways: East end of building, basement to roof. Northwest and southwest, first to second floor. Class "C" fire doors.

Heating Equipment: Gas-fired steam boiler (low pressure) in cellar.

Gas Meter Location: Cellar north wall, east of center.

Flammable Liquids, etc: Alkali batteries in battery room. Lead-acid batteries in separate battery room. Gasoline pump location inside apparatus doors with 1,500 gal. gasoline tank located underground, fill is located to right of front station doors. Vent is located on south wall, with return bend.

Remarks: None

SUMMARY OF VIOLATIONS: 1. Repair fastenings for blocks on which hose is hung in hose tower. Block on right side is pulling away from wall. 2. Repair defective section of steam boiler, as water leaks into fire chamber. 3. Add one or more electric circuits to kitchen. Present wiring is inadequate for the load. 4. Replace stair doors with protected doors to insure separation of stairway from part of cellar used for storage. 5. Provide ventilation and explosion-proof lighting for battery room in which lead-acid batteries are installed. 6. Remove autos stored under Fire Alarm Office and next to battery rooms. The importance of insuring maximum safety for Fire Department Communications should take precedence over convenience or cost. 7. Install a flame arrestor in place of return bend on gasoline tank ventpipe.

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY
DIVISION OF FIRE

FILE

FIRE PREVENTION BUREAU

MARCH 28, 1984

310 CARNEGIE F.A.O. HAZ-MAT

Responded to Alarm Office at the request of F.I.U. to investigate odors of gasoline in the basement of old Engine #1.

Upon arrival, Lt. Carrol from Water-Supply showed me the area where the odors were coming from.

Took readings with the explosivemeter throughout the entire basement and came up with 0% L.E.L.

F.I.U.'s flammable storage room was also clear of any vapors or odors.

Stuck old gasoline tank in front of the building and found approx. 25-gallons of product still in the tank. Requested records of the gasoline inventory, but they were unavailable. Informed Lt. Carrol to stick tank daily and to keep proper records.

Inspector: [signature]

SOP 673-208 F.P.B. 6/19/87

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY
DIVISION OF FIRE
FIRE PREVENTION BUREAU

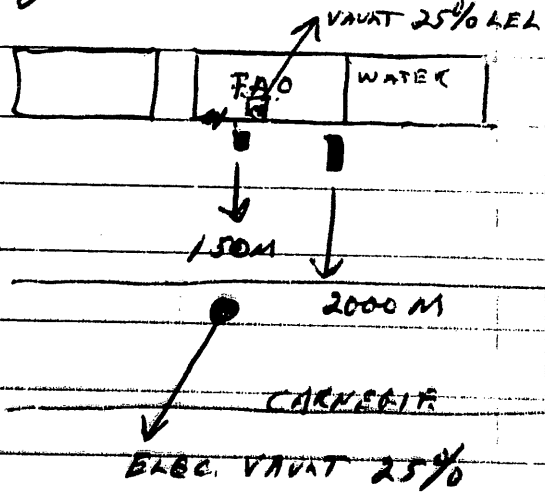
SEP 30 1985

FILE

7-12-85 19–

310 Carnegie Ave. F.A.O. Haz Mat.

I received a call from H. Goodyear of the F.A.O. in regards to gasoline odor in the electrical vault in the basement of the F.A.O. On arrival I took a LEL reading with the explosimeter and recorded a 25% reading. Just outside the bldg. opposite where I received the reading site a 15 gal. gasoline tank used for the emergency generator. I took a reading in a electrical vault approximately 10' away in the street and received a 25% LEL. I then called Mr. Don Hankins of Motor Vehicles and requested the tank be pumped out and removed from the ground. Mr. Hankins agreed and said that he would meet me at the site with a rep. from Ziggle Pumps to date the cities tank work. Before tank was to be taken out a temporary installation had to be installed so that the F.A.O. had the emergency generator working. At the same time this tank is to be removed, a abandoned 2000 gal. tank will also be removed.



COFC 73-204 A P.P.B. 4/19/67

Inspector ...

8/20 60-40M

CITY OF CLEVELAND

FILE

DEPARTMENT OF PUBLIC SAFETY
DIVISION OF FIRE SEP 26 1985
FIRE PREVENTION BUREAU

September 16 '85 19

Report — File

310 Carnegie Ave.
Fire Alarm Office

On September 13, 1985 a 100 gal. underground tank for the emergency generator was removed. Nozzlenew removed the tank. On September 16, 1985 I witnessed the removal of a 2000 gal. underground gasoline tank. Soiled looked good. I also witnessed a 5# air test on a 500 gal. capcity fiberglass tank for the emergency generator. Soaped all bungs and fittings. Approved the test.

Inspector: [signature]

COF C73: 201 A P.P.B.4/ 10/67

Total Fee $ 10.00

CITY OF CLEVELAND
Department of Public Safety
Division of Fire

Permit # 5494

Date of Application 9-16-85

APPLICATION to INSTALL ____ TANKS for ALL SUBSTANCES, other than water, above ground ____ underground ✓ inside ____ outside ____ other ____

FIRE DEPT (LOCATION) 3/0 CARSICK (OCCUPANT) Tank spec's ASME ____ API ____ ICC ____ UL ✓ Other ____

PUMPS: type ____ submerged ____ inline ✓ remote ____. Valves req'd; ____ relief ____ excess flow ____ impact ____ internal check ____ other ____ swing line YES

UNDERGROUND: Depth of fill cover (circle) 1½'; 2'; 2½'; 3'; 4'. Type of fill cover; ____ Sand bed & fill, 6"; 12".
ABOVE GROUND: Dikes (state dimensions, capacity & material) ____

Grounding arrangement: ____ support protection: ____

1 Tank(s) cap. 550 size 550 gauge FIB. Vent size 1" normal, ____ emrg., arrestor req. ✓ fill size 2 Fee $ 10.00
Distances to, lot line ____ street line 10 ft between tanks ____ building 3 FT. Contents GASOLINE type Fiberglass ident. ____

____ Tank(s) cap. ____ size ____ gauge ____. Vent size ____ normal, ____ emrg., arrestor req. ____ fill size ____ Fee $ ____
Distances to, lot line ____ street line ____ between tanks ____ building ____. Contents ____ type ____ ident. ____

____ Tank(s) cap. ____ size ____ gauge ____. Vent size ____ normal, ____ emrg., arrestor req. ____ fill size ____ Fee $ ____
Distances to, lot line ____ street line ____ between tanks ____ building ____. Contents ____ type ____ ident. ____

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained and to comply with all the ordinances of the City of Cleveland, the laws of the State of Ohio and all the rules and regulations of the State Fire Marshall, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, relating to the Storage of hazardous Substances.

Applicant Vincent D Mark (SIGNATURE) 248-5550 Chief James J McNamee (1:30) per Bill Sauer, Lt. (FIRE PREVENTION BUREAU) Zoning: Map 5 Sh B-4 - Gen. Ind. Use ____

Installed by NOZZLE NEW Tel: ____

Approved by T. Masko (blem) (DIVISION OF BUILDING)

NOTE: If disapproved, draw line through signature space.

Remarks Installed according to NFPA #30
1-100 gal. Tank removed. (Fire generator)

SITE plan on reverse side.

COF C73-228 F.P. Bur. 1/64

8/26/68 - 3M

SITUATION PLAN

* * * *

Show all lot, building, other storage above or below grade, street lines and distances.

MAIL TO: State Fire Marshal, UTN, 889 . Main St., Reynoldsburg, Ohio 43068

Notification for Underground Storage Tanks

Ohio Depart[illegible] Commerce
State Fire Ma[illegible]
COM 5120
ID (state use only)

1. Name and address of the facility. (PRINT OR TYPE IN ALL SPACES)	2. Business mailing address of facility, if different from location address.	3. Owner of tank *(name, business address, and phone number)*	4. Contact person for the facility *(Name and phone number)*
CITY OF CLEVELAND FIRE ALARM OFFICE 310 CARNEGIE AVENUE CLEVELAND, OHIO 44105 COUNTY: CUYAHOGA CROSS ST: COMMERCIAL	City of Cleveland Division of Motor Veheicle Maintenance 4150 East 49th Street Cleveland, Ohio 44105	City of Cleveland Division of Motor Vehicle Maintenance 4150 East 49th Street Cleveland, Ohio 44105	Donald L. Haskins (216) 271-2827

5. Type of owner *(Mark "X" in appropriate box)*

☐ Private ☒ Government

6. Remarks

Complete the following section(s) to the best of your knowledge using the examples provided as guidance. Check appropriate boxes and fill in blanks where applicable. If you need more space, photocopy this page or use a continuation sheet. If you do not know the answer, enter "unknown."

(7H, 7I & 7J must be completed for tanks no longer in use.)

7. All tanks currently in use or that will be brought into use and all tanks no longer in use.

A. Tank No	B. Age (yrs)	C. Total capacity (gal)	D. Material of construction			E. Internal protection		F. External protection				G. Substance - type					H. Date of last use		I. Estimated Quantity (gal)	J. X if tank is no longer in use
			Steel	Fiberglass reinforced plastic	Other (specify)	Lined	Unlined	Coated	Wrapped	Cathodic protection	Other (specify)	Gasoline	Diesel	Kerosene	Hazardous substance name	UN #	Month	Year		
Example	5	10,000		X			X	X						X						
Example	8	8,000	X				X			X					Trichloroethylene	1710				
Example	26	8,000	X				X	X					X				6	75	120	X
1	1	550		X			X						X							
2																				
3																				
4																				
5																				
6																				
7																				

8. Certification

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

A. Name, SSN and Official Title of owner or owner's authorized representative (type or print)

Donald L. Haskins, 287-40-1663
Assistant Commissioner/Fleet Manager

B. Signature

Donald L. Haskins

C. Date signed

5/5/86

This information is required by Section 9002 of the Federal [illegible]rce Conservation and Recovery Act, as amended. (P.L.98-616)

CO1 C 302 214

CITY OF CLEVELAND

INTER-OFFICE CORRESPONDENCE

To Mitchell J. Brown, Director
Department of Public Safety

Date Jan. 6, 1987

From James Hearns, Superintendent
Safety Department Buildings

Subject Fire Code Violation

Highly combustible materials, collected as evidence are being stored in the basement at old Engine #1 -- 218 Carnegie Ave. and in the Forensic Lab on the 7th floor of the Police Headquarters Building, 1300 Ontario St. A recent inspection of these two locations by personnel of the Fire Prevention Bureau, resulted in a verbal warning which will be followed-up with an official letter of code violations.

To address this problem, a meeting was held on December 18, 1986 with George Evans, consulting engineer; Inspector Zahorondny, Fire Prevention Bureau; Richard Patton, Fire Arson; Supt. Vic Kovacic, Forensic Lab; and Lieutenant William Vargo, Security Services. The result of this meeting is outlined in the attached letter from Mr. George Evans.

Request this information be forwarded to Commissioner Paul Volpe for his review and recommendation.

cc: Howard E. Rudolph, Chief
James J. McNamee, Chief
Vic Kovacic, Supt.
Richard Patton, Fire Arson

attachment: Letter from George Evans

RECEIVED
JAN 12 1987
DIVISION OF FIRE

field Owner Fuel 133

Registration Permit Application for Underground Storage Tanks

Ohio Department of Commerce
Division of State Fire Marshal

THIS IS A TWO PAGE APPLICATION. PLEASE READ THE GENERAL INFORMATION PRINTED ON THE REVERSE SIDE.

STATE USE ONLY
I.D. Number
Date Received

OH

INSTRUCTIONS

Please type or print in ink all items except "signature" on page one and if it is a NEW INSTALLATION also page two. An application must be completed for each location containing underground storage tanks. If more than 5 tanks are owned at this location, photocopy page two or you may obtain additional copies by calling (614) 752-8200.

Indicate number of page two sheets attached. 1

I. OWNERSHIP OF TANK(S)

Owner Name (Corporation, Individual, Public Agency, or Other Entity)
CITY OF CLEVELAND

Street Address
4150 EAST 49TH STREET

County
CUYAHOGA

City: CLEVELAND State: OHIO ZIP Code: 44105

Area Code: 216 Phone Number: 271-2827

Type of Owner *(Mark all that apply ☒)*

- ☒ Current
- ☐ Former
- ☒ State or Local Gov't
- ☐ Federal Gov't (GSA facility I.D. no.)
- ☐ Private or Corporate
- ☐ Ownership uncertain

II. LOCATION OF TANK(S)

(If same as Section 1, mark box here ☐)

Facility Name or Company Site Identifier, as applicable
FIRE ALARM OFFICE - 180667

Street Address or State Road, as applicable
310 CARNEGIE AVENUE

County
CUYAHOGA

City (nearest): CLEVELAND State: OHIO ZIP Code: 44115

Indicate number of tanks at this location: 1

Mark box here if tank(s) are located on land within an Indian reservation or other Indian trust lands ☐

III. CONTACT PERSON AT TANK LOCATION

Name (If same as Section I, mark box here ☐)	Job Title	Area Code	Phone Number
DONALD L. HASKINS	FLEET MANAGER	216	271-2827

IV. TYPE OF APPLICATION

☐ New Permit Application ☐ Renewal Permit Application ☒ Modified Permit Application

V. LOCAL FIRE DEPARTMENT

Fire Department Name
CLEVELAND

Street Address
1645 SUPERIOR AVENUE

City: CLEVELAND State: OHIO ZIP Code: 44114

STATE USE ONLY

VI. PERMIT FEE CALCULATION —COMPLETE ONLY BLOCK A OR B

A. NEW/RENEWAL PERMIT APPLICATION

TOTAL TANKS AT THIS LOCATION
MULTIPLY BY REGISTRATION FEE X $ 20.00
TOTAL FEE .00

B. MODIFIED PERMIT APPLICATION

TOTAL NEW TANKS INSTALLED
MULTIPLY BY REGISTRATION FEE X $ 20.00
TOTAL FEE .00

MAKE CHECK OR MONEY ORDER PAYABLE TO: STATE FIRE MARSHAL FOR THE TOTAL FEE AMOUNT

RETURN WHITE COPY OF PAGE 1 AND 2 AND YOUR REGISTRATION FEE TO:
Bureau of Underground Storage Tank Regulations
P.O. Box 525
Reynoldsburg, OH 43068-3395

MAIL PINK COPY OF PAGE 1 AND 2 TO THE LOCAL FIRE DEPARTMENT
(SEE SECTION V. ABOVE)

VII. CERTIFICATION (Read and sign after completing page two)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Name and official title of owner or owner's authorized representative	Signature	Date Signed
DONALD L. HASKINS, FLEET MANAGER	Donald L. Haskins	JANUARY 24, 1989

CONTINUED ON PAGE TWO

LOCATOR LIST OF CHEMICALS IN THE WORK AREA

(For Right-To-Know Codified Ordinance, Chapter 393)

2/15/94 DLH
8/3/93 DLH
3/10/90 DLH

WORKPLACE: City of Cleveland DATE: August 4, 1989

BUILDING ADDRESS: 310 Carnegie Avenue, Cleveland, Ohio DEPARTMENT: Public Service

WORK AREA (ROOM): Outside Storage DIVISION: Motor Vehicle Maintenance

INVENTORY BY: Donald L. Haskins, Fleet Manager PHONE NO. 271-2827
(Employee Name, Please Print)

NOTE: To the best of your ability, please complete this "Locator List" of chemical hazards in the workplace. For further instruction, please contact your divisional designee for the Right-To-Know Ordinance.

COMMON NAME	CHEMICAL NAME	SPECIFIC AREA: (Closet, Shelf, Cabinet)	QUANTITY	METHOD OF STORAGE
Diesel Fuel	Fuel Oil Number 2	Underground Storage Tank	550 gal.	Fiberglass Tank

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY

DIVISION OF FIRE

FIRE PREVENTION BUREAU

April 8, 1998

19——

HAZ-MAT
Incident #13638
Lt. Bindernagel
Car 707

Situation: 41

@1340
In Service at @1420
Travel: 6 Miles
Time: .75

310 Carnegie Avenue
Possible PCB Contamination

I was contacted by the Fire Alarm Office to respond to the above address on a report of a utility pole down with possible PCB -contaminated oil.

CONDITIONS NOTED:

Upon arrival, I met with John Flood, CEI Superintendent, Brooklyn Service Center, 634-8980. Cleveland Police were already on the scene. Mr. Flood informed me that a Great Lakes Construction Company employee, (6600 East Schaff Road, [216] 901-9800), had pulled down a utility pole with a cherry picker. The employee, Mr. Kenneth McGlashan, did not realize the boom was extended and snagged a service line running across Carnegie at that point. The force pulled down a pole on the south side of the street. The pole shattered two (2) transformers and approximately 15-20 gallons of fluid was on the street. Great Lakes Construction was performing the rebuilding of the on-ramp to I-90 at that location. Power was off to several locations at the intersection upon my arrival, including the traffic lights at Carnegie & Ontario.

ACTION(S) TAKEN:

Car 707 and CEI conducted a joint test on possible PCB's using a Clor-n-Oil 50 PCB screening kit. The results were negative. CEI agreed to analyze the sample further and report back to me with lab analysis of the fluid. CEI also responded with a service crew from their East 24th Street yard with diking material and absorbent. The area was being swept and contained when Car 707 went into service. A vault in the immediate area of the spill was identified to be CEI's and they agreed to remove any product that had entered the vault area also. Car 707 went into service @1420.

TB/pjp

cc: Chief Gerrity/Chief Stubbs/Captain Scott/Capt. Kocarek/ Lt. Bindernagel/HazMat file(s)

Inspector: T. Bindernagel

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY
DIVISION OF FIRE
FIRE PREVENTION BUREAU

December 8, 1998

Situation: 41
Time Out: @ 1215
Time In: @ 1345
Captain Cannon
Miles: 3
Time: 1.5

Haz-Mat
Incident # none
Car 709

Division of Fire Dispatch Center
310 Carnegie

Requested to respond to the Fire Dispatch Center by Captain Burtnett, Bureau of Communications. He reported a strong odor of diesel fuel coming from the basement of the building.

CONDITION (S) NOTED:

Upon arrival it was noted that a strong odor of diesel fuel was emitting from the boiler room of the Alarm Office. Captain Burtnett had opened the overhead doors on the apparatus floor. No percentage of the LEL was detected on the MSA 360 meter at all drains in the east side of the basement. The generator room was clean and no leaks were detected on the west side of the building where the UGST is located.

ACTIONS TAKEN:

All traps in the basement were filled with water and it seemed to stop the odor. Captain Burtnett was advised to contact NEORSD to track down the source of the odor. Investigators John Rhoades and Scott Broski of NEORSD responded to the FDC that afternoon. They found the source to be a public sewer catch basin west of the Fire Safety Signal Building across the street from Gillota Marathon Gas Station. When approached, the attendants at the station said they had no knowledge of any spills that day. However, Mr. Ed Koziara who manages the operation agreed to have the 14 gallons of fuel/water mixture vacuumed and disposed of. The waste manifest is attached to this report.

Upon a follow up investigation conducted December 9, 1998 it was noted that an unknown Dump truck operator purchased approximately 5 gallons of diesel fuel from the Marathon Station. This operator then took the product across the street and applied the liquid to the interior of the truck's bed.
This practice is done to prevent asphalt from sticking to the surface of the bed. Somehow 4 to 5 gallons of product was spilled in the process. Mr. Koziara assured us that the

attendants would be instructed to only dispense fuel products in approved safety containers and immediately report any operators using this practice in the future.

Also, it was found that Gillota Marathon's 6 UGST are in compliance with BUSTR regulations. However Inspector Chambers found that the UGST at 310 Carnegie is not in compliance. The responsible parties are addressing this matter.

Patrick J. Cannon, Captain, FPB Haz-Mat

cc: Kevin G Gerrity, Chief of Division
Mark Scott, Fire Marshal
Patrick J. Cannon, Captain, FPB, Haz Mat
Donald Burtnett, Captain, BOC
FPB, Haz-Mat file

310 CARNEGIE

NNI

NOZZLE NEW INC.

34412 PETTIBONE ROAD
SOLON, OHIO 44139
TELEPHONE (440) 248-5552

March 11, 1999

City of Cleveland
1645 Superior Avenue
Cleveland, Ohio 44114

Dear Mr.Chambers

Per our conversation on the City of Cleveland Fire Alarm Office W.3rd & Carniege.

Fuel Tank was uncovered and had only two inch openings. Special equipment was needed and ordered. Two inch spill manhole was specialed ordered and InconTank Gauging with two inch float and overflow alarm was ordered.

Spill manhole was ordered last November 1998 and was back ordered. Manhole and Incon Tank Gauging will be received late March or early April 1999.

If you have any questions please feel free to call.

Thank You,
NozzleNew, Inc.

Philip Marek

DEPARTMENT OF COMMERCE, DIVISION OF STATE FIRE MARSHAL
BUREAU OF UNDERGROUND STORAGE TANK REGULATIONS
P.O. BOX 687
REYNOLDSBURG, OHIO 43068-9009
614-752-7938

INSPECTION FIELD REPORT

[ ] Preliminary/follow-up

[ ] Final Inspection

Permit No:

Issue Date:

I. OWNERSHIP OF TANK	II. LOCATION OF TANK
City Of Cleveland 4150 E. 49 st. Cleveland, Ohio 44105 Akil Hashim 216-420-8100	Fire alarm Office 310 Carnegie Ave. Cleveland, Ohio 44115

III. INSPECTION CODES 101 102 103 201 202 203 301 302 303 401 402 501 502 503 504 601 701

IV. INSTALLATION/REMOVAL

	TANK	TANK	TANK	TANK	TANK	TANK	TANK	TANK
Capacity	1000							
Construction	FRP							
Product Stored	Diesel							
LEL/02 Level	N/A							
Inspection Code	503							
Tank Holes (Y or N)	N/A							
Piping Holes (Y or N)	No							

ase Detection Tank: Yes/Automatic Tank Gau Piping Yes

Corrosion Protection: N/A Piping No/Flex Piping

Spill & Overfill Protection: Yes (CIRCLE ONE) Drop Tube / Ball Float / Electronic

In Ground Test _____ Piping Test PASSED Precision Test _____

V. TEMPORARY CLOSURE

Tanks Emptied Yes ____ No ____ Fill Pipe/Dispenser Secured Yes ____ No ____ Vent Lines Open Yes ____ No ____

VI. TANK LINING

Opening Cover Test _____ Method of Cutting _____ Positive Air Supply _____

Safety Precautions _____ Attendant _____ Protective Clothing _____

Lining Approved By _____ No. _____ Date _____

VII. SITE INFORMATION

Cavity I (Visible)

Tank Cavity* _____ Pipping Run* _____ Beneath Dispenser* _____

Cavity II (Visible)

Tank Cavity* _____ Pipping Run* _____ Beneath Dispenser* _____

*Indicate O = Odor, W = Water, ST = Staining, FP = Free Product, SH = Sheen

Remarks: Witnessed the installation of spill and overfill protection, the installation of a new vent line, supply and return line. Work performed by Nozzle New Inc. 440-248-5552. The entire system checked out OK.

Start Time _____ End Time _____ Date _____	Start Time _____ End Time _____ Date _____
ied Installer Name Phillip Marek	No. 10-89-0160
Certified Inspector's Signature	No. 97-0029 Date 4-28-99

Revised 5/98 Distribution: White - Agency Copy Canary - Owner Copy Pink - Inspector Copy

Type of Inspection
Special Hazard ☐
Major ☐
Target ☐
Ordinary ☒
ation notice issued _____
1st Reinspection Date _____
2nd Reinspection Date _____
Referred to the FPB _____

CLEVELAND FIRE DEPARTMENT

Date 1-28-02

Parcel # _____ Census Tr. _____
Building No. 1 Station No. 7
Address 310 CARNEGIE
Owner's Name CITY OF CLEVELAND
Owner's Phone _____
Last inspection Date UNKNOWN

Battalion No. 2
Company No. E-7
Companies Assisting _____

Business Name TACTICAL 5 Occupancy Type FIRESTATION
Managers Name CAPT. SMITH Business Phone 664-6357 Emergency Phone 911
Building Height 30' No. of Stories 2 1/2 Construction Type I II (III) IV Razed ___
Sprinkler Last Tested N/A Standpipe Last Tested N/A Fire Pump Last Tested N/A

General	Yes	No	Violations/Comments	Abated
Roof Openings Type + Number	X		MAN DOOR TO REAR ROOF	
Elevators Type + Number		X		
Exits provided and maintained \ No.	X		4 OVERHEAD / 3 MAN	
Stairways Closed \ Open	X			
Extinguishers Maintained & Type		X	ON ORDER *	
Sprinkler System Type + O,S,&Y Location		X	Wet - Dry - Combination - Partial	
Standpipe Type + Location of Outlet		X		
Dept. Connections & Locations		X		
Fire Alarm Control Panel & Location		X		
Other Fire Control Systems & Type		X		
Proper Wiring/Fuses & Electrical Shutoff Loc.	X		MAIN FLOOR / FRONT BAY	
Gas Shutoff Accessible\Location	X		INTERIOR / NORTH END OF MAIN FLOOR	
S.A.R.A. Facility		X		
E.H.S.		X		

Storage Tanks Above Grade No. Used No. Unused Products Stored
Storage Tanks Below Grade No. Used No. Unused Products Stored

For each of the following an individual Hazardous Substance Permit is required. List the **Permit No.** and the **Expiration Date** for each that apply.

	Permit No.	Exp. Date		Permit No.	Exp. Date
1. Corrosives			7. Liquified Petroleum Gases		
2. Flammable Liquids			8. Oxidizers		
3. Combustible Liquids			9. Reactive Chemicals		
4. Flammable Solids			10. Nitrocellulose Film		
5. Compressed Gases			11. Pyroxlin Plastic		
6. Organic Peroxides			12. Radioactive		
13. Refinishing with Highly Flammable Liquids i.e., bowling alleys, other assemblies					
14. Dip Tanks, Spray Booths or Spray Rooms					
Other Substances					

Best Means of Entry FRONT / SIDE

Special Hazards/Information 4 KEROSINE DRUMS ON APPARATUS FLOOR
BOTTLES STORED UNCHAINED IN BOILER RM.

Inspected By W. GRAHAM, LT Shift A

C of C 73-1191 revised 11\95

Total Fee $ 65.00

CITY OF CLEVELAND
Department of Public Safety
Division of Fire

Permit # 1794

Date of Application 5/23/03

APPLICATION to REMOVE 1 TANKS for ALL SUBSTANCES, other than water, above ground ____ underground X inside ____ outside X other ____

310 CARNegie (LOCATION) OLD FIRE ALARM office (OCCUPANT) Tank spec's ASME ____ API ____ ICC ____ UL ____ Other ____

PUMPS: type ____ submerged ____ inline ____ remote X. Valves req'd; ____ relief ____ excess flow ____ impact ____ internal check X
other ____ swing line ____

UNDERGROUND: Depth of fill cover (circle) 1½'; 2'; (2½'); 3'; 4'. Type of fill cover; SAND Sand bed & fill, 6"; 12".
ABOVE GROUND: Dikes (state dimensions, capacity & material) ____

Grounding arrangement: ____ support protection: ____

1 Tank(s) cap. 250 gal size 38" x 5' gauge F/G. Vent size 1½" (normal), ____ (emrg.), arrestor req. ____ fill size 2" Fee $ 65.00
Distances to, lot line 20' street line 25' between tanks 0 building 5'. Contents Diesel type ____ ident. ____

____ Tank(s) cap. ____ size ____ gauge ____. Vent size ____ (normal), ____ (emrg.), arrestor req. ____ fill size ____ Fee $ ____
Distances to, lot line ____ street line ____ between tanks ____ building ____. Contents ____ type ____ ident. ____

____ Tank(s) cap. ____ size ____ gauge ____. Vent size ____ (normal), ____ (emrg.), arrestor req. ____ fill size ____ Fee $ ____
Distances to, lot line ____ street line ____ between tanks ____ building ____. Contents ____ type ____ ident. ____

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained and to comply with all the ordinances of the City of Cleveland, the laws of the State of Ohio and all the rules and regulations of the State Fire Marshall, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, relating to the Storage of hazardous Substances.

Applicant Philip Mall (SIGNATURE) Chief Kevin L Leight Zoning: Map ____ Sh ____ –

per Terry Hanlon (FIRE PREVENTION BUREAU) Use ____

Removed by Nozzle New Tel: (440) 248-5552

Remarks Removal of one 250 gallon Generator Tank

FEE $ 65.00

Nº 1794

CITY OF CLEVELAND
DEPARTMENT OF PUBLIC SAFETY
DIVISION OF FIRE

PERMIT for the REMOVAL of STORAGE TANKS for HAZARDOUS SUBSTANCES

LOCATION 310 CARNEGIE AVE. /OLD ALARM OFFICE -CITY OF CLEVELAND

Owner CITY OF CLEVELAND Address 4150 HARVARD AVE. CLEVELAND, OHIO 4[illegible]1

Installer NOZZLE NEW Address 34412 PETTIBONE RD. SOLON, OHIO

Number and Capacity of tanks 1-250/GALLON

Contents DIESEL

The aceptance of this permit shall constitute an agreement on (my) (our) part to abide by all the conditions contained in the application and in the specifications.

Date issued MAY 28 //2003 Expires MAY 27 19/2004

Installation approved by _____

Approved by Ken L. Hurst Chief
Division of Fire

To be POSTED in a CONSPICUOUS place

C OF C 73-275

Bureau of Underground Storage Tank Regulations Inspection Field Report
For Removals/Abandonments, Replacements and Changes in Service

www.com.state.oh.us/odoc/sfm/ 800-686-2878

Inspection: Preliminary [ ] Final [x]

Facility # _____

Permit Issuance Date: 5-28-03

Permit # 1794

Ownership of Tanks:

City Of Cleveland
4150 E. 49
Cleveland, Ohio 44105

Location of Tanks:

310 Carnegie Ave
Cleveland, Ohio 44115

310 Carnegie Ave

Sensitive Area: Yes [ ] No [x]

Tank/System Information:	Tank # 1 Cavity# 1	Tank # Cavity#	Tank # Cavity#	Tank # Cavity #
Inspection Code	103			
Inspection Description	Removal			
Date Last Used	4-03			
Capacity (gallons)	250			
Product Stored	Diesel			
Tank Construction	FRP			
Piping Construction	Flex/Steel			
Pressure, Suction or Gravity Piping	Suction			
LEL/O2 (indicate %)	0%			
Tank Cleaned on Site	(Yes) or No	Yes or No	Yes or No	Yes or No
Holes in Tank	Yes or (No)	Yes or No	Yes or No	Yes or No
Holes in Piping	Yes or (No)	Yes or No	Yes or No	Yes or No
Cavity Appearance*	Clean			
Piping Run Appearance*	Clean			
Beneath Dispenser Appearance*				
Abandon-in-place	Yes or No	Yes or No	Yes or No	Yes or No
Abandon-in-place Approval Obtained	Yes or No	Yes or No	Yes or No	Yes or No

Remarks: Witnessed removal of said tank, tank removed by Nozzle Nev Inc. 440-248-5552, Environmental work performed by O'Brien Services 440-349-3151. Tank used for emergency generator.

*Indicate O = Odor, W = Water, ST = Staining, FP = Free Product, SH = Sheen

Certified Installer Number: 03-18-2052

Certified Installer Name (printed): Chad Mayle

Certified Installer Signature: _____

Date: 5/28/03

Certified Inspector Number: 64-18-0009

Certified Inspector Name (printed): Michael R. Dzuro

Certified Inspector Signature: _____

Date: 5-28-03 Hours on Site: _____

COM 5219 Revised 01/01 Distribution: White – Agency Copy Canary – Owner Copy Pink – Inspector Copy

DEPARTMENT OF COMMERCE, DIVISION OF STATE FIRE MARSHAL
BUREAU OF UNDERGROUND STORAGE TANK REGULATIONS
P.O. BOX 687
REYNOLDSBURG, OH 43068-0687

DELEGATED PERMIT FOR UNDERGROUND STORAGE TANKS

Permit No: 08707

Issue Date: 5-21-03

I. OWNERSHIP OF TANK	II. LOCATION OF TANK
Owner/Operator Name: City of Cleveland Motor Vehicle	Facility Name: OLD FIRE ALARM
Address: 4150 EIGHT HARVARD	Address: 310 CARNEGIE
City: Cleveland State: OH Zip: 44105	City: Cleveland State: OH Zip: 44115
Attn: (Contact Person): Al Hashim Area Code - Phone: (216) 420-8103	Area Code - Phone: (216) 420-8100 County: Cuy
III. CONTRACTOR	**IV. LOCAL FIRE DEPARTMENT**
Contractor's Name: Nozzle New Inc	Fire Department Name: Cleveland Fire Department
Contact Person: Phil Pomrell Area Code - Phone: (440) 248-5552	Address: 1645 Superior Ave
Address: 34412 Pettibone Road	City: Cleveland State: OH Zip: 44114
City: Solon State: OH Zip: 44139	

V. CONDITIONS: PERMIT EXPIRES SIX (6) MONTHS FROM DATE OF ISSUE. FEE IS NON-REFUNDABLE.

VI. PERMIT ISSUED FOR: SEE BELOW

Removals/Abandonments:

[101] Tank(s): [102] Piping: [103] Total Systems: X

1 - 250 Gasoline T1-16

Installations:

[201] Tank(s): [202] Piping: [203] Total Systems:

Replacement:

[301] Tank(s): [302] Piping: [303] Total Systems:

Repairs:

[401] Tank(s): [402] Piping:

Upgrades:

[501] Tank(s): [502] Piping: [503] Total Systems: [504] Leak Detection

[601] **Temporary Closure** [701] **Change in Service**

FIRE DEPARTMENT USE ONLY

Certified Installer Name: Phil Pomrell No. 63-18-0052

Certified Inspector's Signature: Michael P Neal No. 64-18-0009 Date: 5-28-03

COM 5210 Revised 2/97 Distribution: White-Owner Copy Canary-State Fire Marshal Copy Pink-Fire Department Copy

UNDERGROUND STORAGE TANK CLOSURE ASSESSMENT REPORT

FOR

CITY OF CLEVELAND
CLEVELAND FIRE DEPARTMENT
SAFETY SIGNAL DIVISION
310 CARNEGIE AVENUE
CLEVELAND, OHIO 44115

Prepared For:

Nozzle New, Incorporated
34412 Pettibone Road
Solon, Ohio 44139

Prepared By:

O'Brien Technical Services, Inc.
34665 Miles Road
Cleveland, Ohio 44022

Phone: (440) 349-3151
Fax: (440) 349-4540

July 8, 2003

TABLE OF CONTENTS

1.0 PERTINENT DATA / SUMMARY 3

2.0 CLOSURE FORM 001 ..... 4 - 8

3.0 BUSTR SOIL CLASSIFICATION 9

4.0 BUSTR CLOSURE ACTION LEVELS 10

APPENDIX INFORMATION/DOCUMENTS;

5.0 PETROLEUM CONTAMINATED SOIL FORM (Stockpile #1) 11

6.0 FIELD SCREENING CALIBRATION METHOD 12

7.0 SITE MAPS / SKETCHES:
- Street Map 13
- Site Sketch 14

8.0 DELEGATED PERMIT FOR UST 15

9.0 UST INSPECTION FIELD REPORT 16

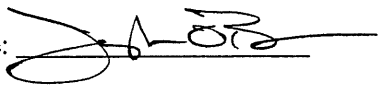
10.0 CHEMICAL ANALYTICAL TEST RESULTS & CHAIN OF CUSTODY FORM ..... 17 - 20

11.0 UST DISPOSAL RECEIPT 21

O'Brien Technical Services, Incorporated (OTS) makes and offers no representations as to the accuracy of the information contained in this report. OTS personnel prepared this report based solely upon verbal information and documents supplied by Nozzle New, Incorporated, the State Certified UST Installer contracted by the City of Cleveland for the purpose of performing, supervising and documenting the UST Closure in accordance with Ohio Administrative Code (BUSTR) Regulations. Mr. Phillip Marek of Nozzle New, Incorporated supplied the contents, descriptions, data and information contained in this report to OTS personnel.

OTS was contracted solely to prepare a Site Sketch and compile the appropriate information/documents in a report suitable for submittal to the BUSTR. All technical questions should be directed to personnel at Nozzle New, Inc.

Prepared By: Joseph O'Brien, President
O'Brien Technical Services, Incorporated

Signature: 

Date: July 8, 2003

Reviewed / Approved By: Phillip Marek, President
Nozzle New, Incorporated

Signature: Phillip Marek

Date: 7/14/2003

1.0 PERTINENT DATA /SUMMARY

On May 28, 2003, one diesel fuel UST system (including service line) was removed at this permanent closure site. The site had served as the Safety Signal Division of the City of Clevelands' Bureau of Communication and the UST system provided emergency generator back-up service. The UST was in use up to the time of removal. The remaining diesel fuel in this UST was transferred to another City of Cleveland site for similar use, according to the certified installer (Nozzle New, Incorporated).

The UST was under concrete along the Commercial Avenue side of the building (see Section 7.0 Site Sketch). There was a 4-5 foot section of service line leading into the wall of the building directly opposite the UST. This line was located aboveground in the building and fed fuel to the emergency generator.

The tank cavity was over-excavated up to one foot into the native *Sands* soil (Letter Symbol SP), from which the soil samples were collected by Nozzle New personnel for field-screen testing. Soil excavated from the UST cavity was placed in a single stockpile (#1) at the site. No evidence of soil contamination (odor, or staining) was observed in the pea gravel fill or native *Sands* soil excavated from the cavity.

The excavated soil stockpile (#1) was measured (~20 cu. yds.) and sampled at two locations.

The closure of UST system #1required soil testing of the highest-reading field screened soil samples from the tank cavity and the stockpile for Analytical Group #1 "Chemicals of Concern".

There was no water encountered in the excavation process. The UST was measured following the removal from the cavity (UST #1: 4' D x 6' L) and was determined to be 550-gallons, not the 250-gallons volume that was expected.

2.0 CLOSURE FORM 001

BUSTR CLOSURE FORM

OWNER/OPERATOR AND FACILITY DATA:

OWNER INFORMATION:
NAME: MR. NORMAN KIRCHER
ADDRESS: 13608 St. CLAIR AVENUE
CITY, STATE: CLEVELAND, OHIO
ZIP: 44110
CONTACT PERSON: MR. NORMAN KIRCHER
PHONE #: 216-531-7000

PERMIT #:

FACILITY INFORMATION:
NAME: ABANDONED SERVICE STATION
ADDRESS: 13625 St. CLAIR AVENUE
CITY: CLEVELAND
COUNTY: CUYAHOGA
OPERATOR: MR. NORMAN KIRCHER
PHONE #: 216-531-7000
FACILITY ID#:
FIRE DEPARTMENT: CLEVELAND FIRE DEPT.
FDID #:

SITE HISTORY & VISUAL SITE EVALUATION:

THE SITE OF THE UST CLOSURE IS A CITY OF CLEVELAND PROPERTY WITH THE SAFETY SIGNAL DIVISION BUILDING. IT IS LOCATED ON A LEVEL PLOT SURFACED IN CONCRETE WITH AN EMERGENCY GENERATOR UST LOCATED BETWEEN THE BUILDING AND COMMERCIAL AVENUE. THERE WAS NOTHING INDICATIVE OF AN UST LEAK OR RELEASE OBSERVED ABOVEGROUND AT THE SITE. THE CITY OF CLEVELAND SUPPLIES TREATED WATER AND STORM/SANITARY SEWER SERVICES TO THE AREA.

UNDERGROUND STORAGE (UST) SYSTEM DATA:

TANK #	AGE	CAPACITY	PRODUCT	CONST. MATERIAL	TANK STATUS	HOLES YES/NO	PIPE STATUS	HOLES YES/NO	DISP.	DATE REMOVED
01	23 Yrs.	550	DIESEL	FIBERGLASS	R	NO	R	NO	NA	05-28-2003

SAMPLE DATA:

SAMPLE COLLECTION PROCEDURES:

SAMPLE PRESERVATION: ALL SOIL SAMPLES THAT WERE COLLECTED WERE STORED IN AN ICE-CHILLED, INSULATED COOLER UNTIL TRANSFERRED TO NCE LABS PERSONNEL.

SAMPLING EQUIPMENT: SOIL SAMPLES WERE COLLECTED WITH OAKFIELD (Model A) STAINLESS STEEL, SPLIT SPOON HAND SAMPLING EQUIPMENT (AS NECESSARY FOR THE SANDY SOIL).

SAMPLING METHOD: SOIL SAMPLES WERE COLLECTED WITH OAKFIELD SPLIT SPOON HAND SAMPLE TOOLS (PREVIOUSLY DECONTAMINATED BY SOAP WASH - TAP WATER RINSE - DI WATER RINSE) BY CLEARING THE SOIL SURFACE WITH A TROWEL AND DEPRESSING THE SPLIT SPOON INTO THE SOIL. ENOUGH SOIL PLUGS WERE COLLECTED IN ORDER TO FILL A FLINT GLASS JAR (w/ TEFLON LINED LID) AND A SEALABLE PLASTIC BAG (WHEN NECESSARY FOR FIELD SCREENING).

FIELD SCREENING:

INSTRUMENT USED: PHOTOVAC MicroTIP HL-200

METHODOLOGY USED THE SOIL SAMPLES CONTAINED IN PLASTIC BAGS WERE REMOVED FROM THE COOLER AND ALLOWED TO REMAIN AT ROOM TEMPERATURE (~70f) FOR 15-20 MINUTES PRIOR TO THE FIELD SCREENING MEASUREMENT. THE MEASUREMENT WAS PERFORMED BY INSERTING THE MicroTIP PROBE THROUGH THE WALL OF THE SEALED PLASTIC BAG, INTO THE HEADSPACE ABOVE THE SAMPLE.

CALIBRATION PROCEDURES:

SEE SECTION 6.0 FIELD SCREENING CALIBRATION METHOD.

GROUNDWATER DATA:

CIRCLE CORRECT CHOICE:

SENSITIVE AREA: YES / (NO)

DEPTH TO GROUNDWATER: (<15') 15-30 31-50 >50' ACTUAL DEPTH UNKNOWN

IF UNKNOWN DEPTH TO GROUNDWATER, DEFAULT TO <15 FEET

WAS WATER PRESENT IN EXCAVATION? YES / (NO)

WAS A WATER SAMPLE TAKEN? YES / (NO)

WATER SAMPLE COLLECTED AFTER EXCAVATION EVACUATED: YES / (NO)

IF NO EXPLAIN:

THERE WAS NO WATER ENCOUNTERED IN THE EXCAVATION OF THIS UST SYSTEM. THE EXCAVATION WAS EXTENDED TO A MAXIMUM DEPTH OF 8-9 FEET BELOW THE SURROUNDING SURFACE GRADE.

SOIL DATA:

CIRCLE CORRECT CHOICE:

SOIL CLASSIFICATION: (SAND/GRAVEL) SILTY/CLAYEY SANDS CLAY/SILT

SOIL SYMBOL: GW GP GM GC SW (SP) SM SC ML CL OL MH CH OH PT

ATTACH SIGNED BUSTR SOIL CLASSIFICATION CHART AS APPENDICIES

FIELD SCREENING DATA:

DATE SAMPLE COLLECTED	SAMPLE ID	LOCATION	DEPTH	FIELD SCREENING READING	SUBMITTED TO LAB? YES/NO
05-28-2002	37763	UST #1, NORTH BOTTOM	8-9 Ft.	14	YES
05-28-2002	NONE	UST #1, SOUTH BOTTOM	8-9 Ft.	7	NO
05-28-2002	37764	STOCKPILE #1, #1 OF 2	1-2 Ft.	16	YES
05-28-2002	NONE	STOCKPILE #1, #2 OF 2	1-2 Ft.	11	NO

NAME AND AFFILIATION OF PERSON COLLECTING SAMPLES:
MR. PHILLIP MAREK, PRESIDENT - NOZZLE NEW, INCORPORATED

A COPY OF THE CHAIN OF CUSTODY AND THE LABORATORY DATA SHEETS MUST BE ATTACHED AS AN APPENDIX.

LABORATORY DATA:

LABORATORY NAME: NORTH COAST ENVIRONMENTAL LABORATORIES, INC.
ADDRESS: 10100 WELLMAN ROAD, STREETSBORO, OHIO 44241
PHONE #: 1.800.586.4666
LABORATORY ANALYST NAME: N. BAYKO / T. SPEVAK
DATE SAMPLES RECEIVED BY LAB: 05-29-2002
DATE SAMPLES ANALYZED BY LAB: 05-29-2003 & 06-03-2003

EXCAVATION ANALYTICAL RESULTS:

SAMPLE ID:	WATER	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	TEST METHOD
	NA	37763						
CHEMICAL OF CONCERN:								
BENZENE		0.005						8260B
TOLUENE		0.005						8260B
ETHYLBENZENE		0.005						8260B
TOTAL XYLENES		0.005						8260B
MTBE		NA						NA
BENZO (a) ANTHRACENE		200						8270C
BENZO (a) PYRENE		200						8270C
BENZO (b) FLUORANTHENE		200						8270C
BENZO (k) FLUORANTHENE		200						8270C
CHRYSENE		200						8270C
DIBENZ (a,h) ANTHRACENE		200						8270C
INDENO (1,2,3,-CD) PYRENE		200						8270C
NAPTHALENE		200						8270C
TPH (C10-C20)	N/A	20						8015M
TPH (C20-C34)	N/A	20						8015M
OTHER :	C4-C9	NA						NA

IF ACTION LEVELS ARE EXCEEDED, CONDUCT A TIER 1 INVESTIGATION ACCORDING TO OAC 1301:7-9-13(H).

STOCKPILE ANALYTICAL RESULTS:

STOCKPILE ID:	37764							TEST METHOD
CUBIC YARDS:	~20							
STOCKPILE DISPOSITION*	R							

***R**=*RETURNED TO CAVITY* **L**=*LANDFILL* **S**=*STOCKPILED* **T**=*TREATMENT BY O/O*

CHEMICAL OF CONCERN:								
BENZENE	0.005							8260B
TOLUENE	0.005							8260B
ETHYLBENZENE	0.005							8260B
TOTAL XYLENES	0.005							8260B
MTBE	NA							NA
BENZO (a) ANTHRACENE	200							8270C
BENZO (a) PYRENE	200							8270C
BENZO (b) FLUORANTHENE	200							8270C
BENZO (k) FLUORANTHENE	200							8270C
CHRYSENE	200							8270C
DIBENZ (a,h) ANTHRACENE	200							8270C
INDENO (1,2,3,-CD) PYRENE	200							8270C
NAPTHALENE	200							8270C
TPH (C10-C20)	20							8015M
TPH (C20-C34)	20							8015M
OTHER:	NA							NA

WASTE DISPOSAL DATA:

UST SYSTEM DISPOSITION:
NAME: FRATO
ADDRESS: P.O. BOX 21220
CITY/STATE/ZIP: CLEVELAND, OHIO 44121

PRODUCT DISPOSITION:
NAME: TRANSFERRED TO CLEVELAND FACILITY
ADDRESS:
CITY:
STATE/ZIP:
VOLUME/GALLONS:

WASTEWATER DISPOSITION:
NAME: NA - NO WATER IN TANK OR EXCAVATION
ADDRESS:
CITY:
STATE/ZIP:
VOLUME/GALLONS:

The Petroleum Contaminated Soil (PCS) Form must be completed (See Closure Packet, call SFM/BUSTR, or visit our web site). The PCS laboratory data sheets must be attached to the PCS Form.

MISCELLANEOUS DATA:

ADDITIONAL INFORMATION, WHICH CLARIFIES CLOSURE ACTIVITIES, SHALL BE SUBMITTED AS APPENDICIES TO THIS REPORT.

COPY OF PERMIT & FIELD INSPECTION REPORT:
MUST BE ATTACHED

SITE MAP: Site maps, drawn to scale, must be attached. Maps should include property boundaries, street locations, UST cavity dimensions, above ground structures, UST systems, adjacent properties, sample locations, water wells within 2000 feet of the site, any utilities, and the location(s) of previously closed UST systems.

CERTIFIED FIRE SAFETY INSPECTOR:
NAME: LIEUTENANT MICHAEL P. DZIAK
COMPANY/FD: CLEVELAND FIRE DEPARTMENT
ADDRESS: 1645 SUPERIOR AVE., E., CLEVE., OH 44114
PHONE #: 216.664.6664
INSPECTOR ID#: 64-18-0009

CERTIFIED INSTALLER:
NAME: PHILLIP MAREK: 63-18-0052
ID#: PHILLIP MAREK: 63-18-0052

Closure Form **must** be signed by the UST owner/operator. The owner/operator is responsible for ensuring all data is accurate, and the closure form is legible and complete.

OWNER/OPERATOR SIGNATURE: Akil Hashim

PRINT NAME: AKIL HASHIM **DATE:** 7/16/03

COM 5217
REVISED 11/01/00

3.0

BUSTR SOIL CLASSIFICATION FORM

Major Divisions			Letter Symbol	Typical Description	BUSTR Class
Coarse Grained Soils More than 50% of Material is Greater than #200 Sieve	Gravel and Gravelly Soils More than 50% of Coarse Fraction Retained on No. 4 Sieve	Clean Gravels (Little or No Fines)	GW	Well-Graded Gravels, Gravel-Sand Mixtures, Little or No Fines	Sand/ Gravel Soil
			GP	Poorly-Graded Gravels, Gravel-Sand mixtures, Little or No Fines	
		Gravels With Fines (Appreciable Amount of Fines)	GM	Silty Gravels, Gravel-Sand-Silt Mixtures	
			GC	Clayey Gravels, Gravel-Sand-Clay Mixtures	
	Sand and Sandy Soils More than 50% of Coarse Fraction Passing No. 4 Sieve	Clean Sand (Little or no fines)	SW	Well-Graded Sands, Gravelly Sands, Little or No Fines	
			SP	Poorly-Graded Sands, Gravelly Sands, Little or No fines	
		Sands with Fines (Appreciable amount of fines)	SM	Silty-Sands, Sand-Silt Mixtures	
			SC	Clayey Sands, Sand-Clay Mixtures	Silty/ Clayey Sands Soil
Fine Grained Soils More than 50% of Material is Smaller than #200 Sieve	Silts and Clays Liquid Limit <50		ML	Inorganic Silts and Very Fine Sands, Rock Flour, Silty or Clayey Fine Sands or Clayey Silts with Slight Plasticity	
			CL	Inorganic Clays of Low to Medium Plasticity, Gravelly Clays, Sandy Clays, Silty Clays, Lean Clays	
			OL	Organic Silts and Organic Silty Clays of Low Plasticity	
	Silts and Clays Liquid Limit >50		MH	Inorganic Silts, Micaceous or Diatomaceous Fine Sand or Silty Soils	
			CH	Inorganic Clays of High Plasticity, Fat Clays	Clay/ Silt Soils
			OH	Organic Clays of Medium to High Plasticity, Organic Silts	
Highly Organic Soils			PT	Peat, humus, Swamp Soils with High Organic Contents	

Pathway	Symbol	Pathway	Symbol
Direct Contact w/soil	SP	GW to Indoor Air	SP
Soil to DW Leaching	SP	GW Ingestion	SP
Soil to Indoor Air	SP	Soil to Non-DW Leaching	NA

I have inspected the soil at: 310 Carnegie Cleveland Ohio.
(address) (city)

Name (Printed): Philip Mazzell Date: 5/28/2003
(Name of Classifier, Title, Firm Name)

Signature: Philip Mazzell

Revised 11/06/00

4.0 BUSTR CLOSURE ACTION LEVELS

Chemicals of Concern	SOIL Sand/Gravel	SOIL Silty/Clayey Sands	SOIL Clay/Silt	WATER	PCS Re-use
Benzene	0.150(c)	0.240(c)	0.910(c)	0.005(a)	0.015
Toluene	58.700(c)	112.000(c)	520.000(b)	1.000(a)	5.860
Ethyl-benzene	71.100(c)	131.000(c)	230.000(b)	0.700(a)	7.110
Total Xylenes	1500.000(b)	1500.000(b)	1500.000(b)	10.000(a)	72.400
MTBE	0.530(c)	0.890(c)	3.800(c)	0.040(a)	0.053
Benzo(a)-anthracene	5.500(b)	5.500(b)	5.500(b)	NA	5.500
Benzo(a)-pyrene	0.550(b)	0.550(b)	0.550(b)	0.0002(a)	0.550
Benzo(b)-fluoranthene	5.500(b)	5.500(b)	5.500(b)	NA	5.500
Benzo(k)-fluoranthene	55.000(b)	55.000(b)	55.000(b)	NA	1.970
Chrysene	550.000(b)	550.000(b)	550.000(b)	NA	1.270
Dibenz(a,h)-anthracene	0.550(b)	0.550(b)	0.550(b)	NA	0.550
Indeno(1,2,3-c,d) pyrene	5.500(b)	5.500(b)	5.500(b)	NA	0.150
Naphthalene	1800.000(b)	1800.000(b)	1800.000(b)	0.570(a)	127.000

SOIL SATURATION LIMITS				
GROUP I	Benzene	444.500	491.600	592.200
	Toluene	268.200	313.700	374.600
	Ethyl-benzene	149.300	178.800	213.000
	Total Xylenes	124.700	147.400	175.800
	MTBE	5,483.000	6,111.000	8,493.000
GROUP II (C10-C34) Total Petroleum Hydrocarbons (TPH)*		2000	10,000	20,000
GROUP III (C10-C34) Total Petroleum Hydrocarbons (TPH)*		5000	20,000	40,000

All values are in parts per million (ppm)
*TPH saturation limit from OEPA/VAP
Note: Soil action levels are the most conservative from all BUSTR tier 1 tables in Rule 13
Soil Pathways:
a: Ground Water Ingestion, b: Direct Contact, c: Soil to Drinking Water Leaching

APPENDIX INFORMATION/DOCUMENTS

5.0 PETROLEUM CONTAMINATED SOIL FORM (Stockpile #1) 11

6.0 FIELD SCREENING CALIBRATION METHOD 12

7.0 SITE MAPS / SKETCHES:
- Street Map 13
- Site Sketch 14

8.0 DELEGATED PERMIT FOR UST 15

9.0 UST INSPECTION FIELD REPORT 16

10.0 CHEMICAL ANALYTICAL TEST RESULTS & CHAIN OF CUSTODY FORM ..... 17 - 20

11.0 UST DISPOSAL RECEIPT 21

5.0 PETROLEUM CONTAMINATED SOIL FORM (STOCKPILE #1)

STATE FIRE MARSHAL/BUSTR
PETROLEUM CONTAMINATED SOIL (PCS) FORM

This form should be completed and submitted within 90 days of generating a stockpile, within 180 days of placing the soil in portable containers, or prior to treatment, whichever comes first.
A separate PCS form shall be completed for each stockpile generated.

OWNER/OPERATOR INFORMATION		
OWNER/OPERATOR NAME	CONTACT PERSON	AREA CODE-PHONE
CITY OF CLEVELAND	MR. AKIL HASEM	216-420-8103
CITY	STATE	ZIP CODE
4150 E. 49th STREET, CLEBELAND, OHIO 44105		

FACILITY INFORMATION	FACILITY WHERE SOILS WILL BE DISPOSED OF OR TREATED
FACILITY ID#:	
FACILITY NAME CITY OF CLEVELAND DIVISION OF MOTOR VEHICLE MAINT.	FACILITY NAME CITY OF CLEVELAND CLEVE. FIRE DEPT., SAFETY SIGNAL DIV.
ADDRESS 4150 E. 49th STREET	ADDRESS 310 CARNEGIE AVENUE
CITY / STATE / ZIP CODE CLEVELAND / OHIO / 44105	CITY / STATE / ZIP CODE CLEVELAND / OHIO / 44102
TELEPHONE / COUNTY 216-420-8103 / CUYAHOGA	STOCKPILE DESIGNATION (e.g., pile #1, pile from waste oil cavity, etc.) STOCKPILE #1

DATE STOCKPILE WAS GENERATED 05/28/2003

Cubic Yards		(Check applicable)
_____	One Time Landfarming (OTL).....	_____on-site _____off-site
_____	Multiple Application Landfarming (MAL).....	_____on-site _____off-site
_____	Confined Treatment Area Process (CAT).....	_____on-site _____off-site
_____	Alternative Treatment Method (ALT).....	_____on-site _____off-site
20	Soil analysis falls below Rule 16 re-use levels (RUL).....	X on-site _____off-site
_____	Returned to excavation (below site specific action levels) (RTE BAL)	
_____	Returned to excavation (above site specific action levels) (RTE AAL)	
_____	Disposal at a landfill (LFL)	
_____	Disposal at a treatment facility (COM)	
_____	Stockpile remains on-site (provide written explanation) (SOS)_____	
	_____	

*********CONTINUED ON REVERSE SIDE*********

FOR OFFICE USE ONLY

REPORT #|_|_|_|_|_|_|_|_|-|_|_|_|_|_|_|

COORD: COCA / COCL ____ DISP/TREAT:_____ LOC. ON / OFF STAT:_____ PRIO:____ CLASS:____ LTF:____ CYDS:_____

IS O/O IN COMPLIANCE? Y N ARE SOILS ABOVE SITE SPECIFIC ACTION LEVELS? Y N

REVIEWED BY:_____ DATE:_____

ENTERED BY:_____ DATE:_____

COM 5216 REVISED 8/22/00

6.0 FIELD SCREENING CALIBRATION METHOD

MicroTIP must be calibrated in order to display concentration in unit's equivalent to ppm. First a supply of Zero Gas, which contains no ionizable gases or vapors, is used to set MicroTIP's zero point. Then, Span Gas, containing a known concentration of an ionizable gas or vapor, is used to set the sensitivity. Clean outdoor air is generally suitable, and will be used as Zero Gas. Bottled isobutylene at 100 ppm in air is employed as Span Gas.

Pursuant to PhotoVac Corporation recommendations;

1. Connect the supplied regulator to the Span Gas cylinder. Hand tighten the fittings.
2. Open the valve on the gas bag by turning the valve stem fully counterclockwise.
3. Attach the gas bag adapter nut to the regulator. Hand tighten the fittings.
4. Turn the regulator knob counterclockwise about half a turn to start the flow of gas.
5. Fill the gas bag half full and then close the regulator fully clockwise to turn off the flow of gas.
6. Disconnect the bag from the adapter and empty it. Flush the bag with the Span Gas and fill it.
7. Close the gas bag by turning the value clockwise.
8. Press SETUP and select the desired Cal Memory with the arrow keys and press ENTER. Press EXIT to leave Setup.
9. Press CAL and expose MicroTIP to Zero Gas. Press ENTER and MicroTIP sets its zero point.
10. MicroTIP then asks for the Span Gas concentration. Enter the known Span Gas concentration and then connect the Span Gas bag adapter to the inlet.
11. Press ENTER and MicroTIP sets its sensitivity.
12. When MicroTIP's display reverts to normal, MicroTIP is calibrated and ready for use. Remove the Span Gas bag from the inlet.

The calibration range was 0-100 ppm. A recheck of the Span Gas was performed after the soil screenings and was found to measure 95-105 ppm on the PID Instrument readout meter.

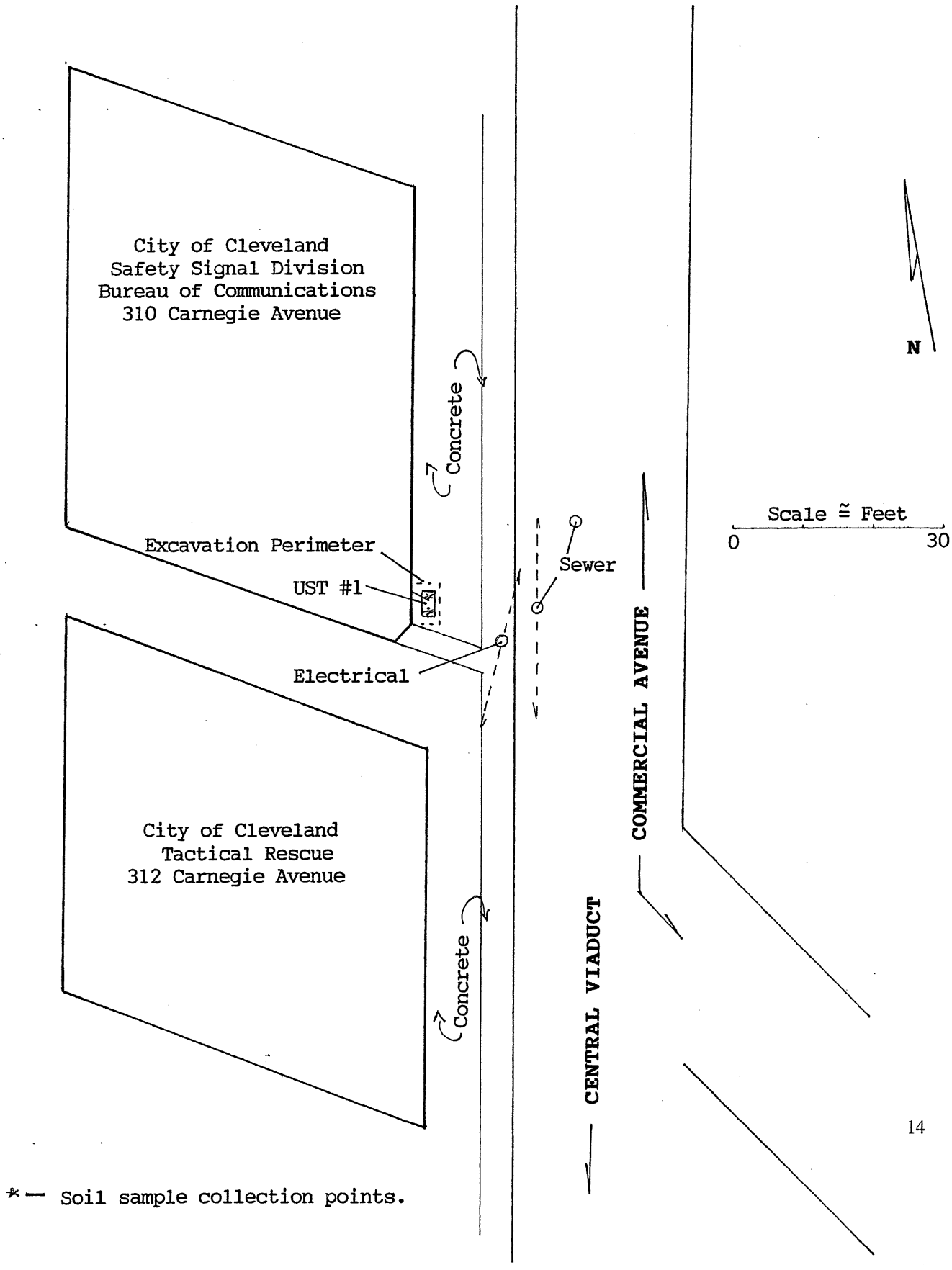
Detector Specifications:
Photoionization, bypass-type, with standard 10.6 eV HF-excited electrodeless discharge tube.

7.0 SITE MAPS / SKETCHES

Street Map

7.0 SITE MAPS / SKETCHES

Property Sketch



8.0 UST DELEGATED PERMIT

DEPARTMENT OF COMMERCE, DIVISION OF STATE FIRE MARSHAL
BUREAU OF UNDERGROUND STORAGE TANK REGULATIONS
P.O. BOX 687
REYNOLDSBURG, OH 43068-0687

DELEGATED PERMIT FOR UNDERGROUND STORAGE TANKS

Permit No: 08707

Issue Date: 5-28-03

I. OWNERSHIP OF TANK		II. LOCATION OF TANK	
Owner/Operator Name	City of Cleveland Motor Vehicle	Facility Name	OLD FIRE ALARM
Address	4150 EIGHT HANNAH	Address	310 CARNEGIE
City	Cleveland State OH Zip 44105	City	Cleveland State OH Zip 44115
Attn: (Contact Person)	Area Code - Phone	Area Code - Phone	County
Attn: ALAN HASKIN	(216) 420-8103	(216) 420-8103	Cuy
III. CONTRACTOR		IV. LOCAL FIRE DEPARTMENT	
Contractor's Name	Nozzle New Inc	Fire Department Name	CLEVELAND FIRE DEPARTMENT
Contact Person	Area Code - Phone	Address	1645 SUPERIOR AVE
Address	34412 Detroit ROAD	City	Cleveland State OH Zip 44114
City	Solon State OH Zip 44139		

V. CONDITIONS: PERMIT EXPIRES SIX (6) MONTHS FROM DATE OF ISSUE. FEE IS NON-REFUNDABLE.

VI. PERMIT ISSUED FOR: SEE BELOW

Removals/Abandonments:

[101] Tank(s): [102] Piping: [103] Total Systems: X

1 - 250 GALLON TANK

Installations:

[201] Tank(s): [202] Piping: [203] Total Systems:

Replacement:

[301] Tank(s): [302] Piping: [303] Total Systems:

Repairs:

[401] Tank(s): [402] Piping:

Upgrades:

[501] Tank(s): [502] Piping: [503] Total Systems: [504] Leak Detection

[601] **Temporary Closure** [701] **Change In Service**

FIRE DEPARTMENT USE ONLY

Certified Installer Name: Ohio Valley Tank No. 63-18-0052

Certified Inspector's Signature: William P. Frank No. 64-18-0009 Date 5-28-03

9.0 UST INSPECTION FIELD REPORT

Bureau of Underground Storage Tank Regulations Inspection Field ort
For Removals Abandonments, Replacements and Changes in Service
www.com.state.oh.us/odoc/sfm 800-686-2878

Inspection: Preliminary [ ] Final xxk
Facility # _____
Permit Issuance Date: 5-28-03
Permit # 1794

Ownership of Tanks:
City Of Cleveland
4150 E. 49
Cleveland, Ohio 44105

Location of Tanks:
310 Carnegie Ave
Cleveland, Ohio 44115

Sensitive Area: Yes [ ] No [xk]

Tank/System Information:	Tank # 1 Cavity# 1	Tank # Cavity#	Tank # Cavity#	Tank # Cavity #
Inspection Code	103			
Inspection Description	Removal			
Date Last Used	4-03			
Capacity (gallons)	250			
Product Stored	Diesel			
Tank Construction	FRP			
Piping Construction	Flex/Steel			
Pressure, Suction or Gravity Piping	Suction			
LEL/O2 (indicate %)	0%			
Tank Cleaned on Site	(Yes) or No	Yes or No	Yes or No	Yes or No
Holes in Tank	Yes or (No)	Yes or No	Yes or No	Yes or No
Holes in Piping	Yes or (No)	Yes or No	Yes or No	Yes or No
Cavity Appearance*	Clean			
Piping Run Appearance*	Clean			
Beneath Dispenser Appearance*				
Abandon-in-place	Yes or No	Yes or No	Yes or No	Yes or No
Abandon-in-place Approval Obtained	Yes or No	Yes or No	Yes or No	Yes or No

Remarks: Witnessed removal of said tank, tank removed by Mozzle New Inc. 440-248-5552, Environmental work performed by O'Brien Services 440-349-3151. Tank used for emergency generator.

*Indicate O = Odor, W = Water, ST = Staining, FP = Free Product, SH = Sheen

Certified Installer Number 63-18-0052
Certified Installer Name (printed): Philip Mazzi
Certified Installer Signature: Philip Mazzi
Date 5/28/03

Certified Inspector Number 64-18-0009
Certified Inspector Name (printed): MICHAEL R DZURO
Certified Inspector Signature: Michael R Dzuro
Date 5-28-03 Hours on Site:

White – Agency Copy Canary – Owner Copy Pink – Inspector Copy

10.0 CHEMICAL ANALYTICAL TEST RESULTS & CHAIN OF CUSTODY FORM

North Coast Environmental Laboratories, Inc.

NORTH COAST ID: 37763-37764

CLIENT: NOZZLE NEW
34412 PETTIBONE ROAD
SOLON, OHIO 44139

CONTACT: PHILLIP MAREK

PROJECT: CITY OF CLEVELAND, 310 CARNEGIE FIRE ALARM

NOZZLE NEW ID	NC ID
5/28/03 1:30 UST #1	37763
5/28/03 1:35 STOCKPILE #1, #1 OF 2	37764

TESTS REQUESTED: BTEX, PAH, TPH (C_{10-34})

DATE RECEIVED: MAY 29, 2003

DATE REPORTED: JUNE 5, 2003

REVIEWED BY: APPROVED BY:

10100 Wellman Road • Streetsboro, Ohio 44241
(800) 586-4666 • Fax (330) 342-0088

NORTH COAST ID: 37763-37764
CLIENT: NOZZLE NEW
NN PROJECT: CITY OF CLEVELAND, 310 CARNEGIE FIRE ALARM

BTEX
EPA METHOD 8260B – SOIL

NN ID	NC ID	BENZENE	TOLUENE	ETHYLBENZENE	XYLENES
UST #1	37763	ND	ND	ND	ND
STOCKPILE #1, #1 OF 2	37764	ND	ND	ND	ND

ALL RESULTS ARE EXPRESSED IN mg/Kg

DETECTION LIMIT: 0.005 mg/Kg PER COMPOUND

DATE ANALYZED/CALIBRATED: 5/29/03

TPH – DIESEL (C_{10-20})
EPA METHOD MOD. 8015 – SOIL

NOZZLE NEW ID	NORTH COAST ID	RESULTS (mg/Kg)
UST #1	37763	ND
STOCKPILE #1, #1 OF 2	37764	ND

DETECTION LIMIT: 20 mg/Kg

TPH – OIL (C_{20-34})
EPA METHOD MOD. 8015 – SOIL

NOZZLE NEW ID	NORTH COAST ID	RESULTS (mg/Kg)
UST #1	37763	ND
STOCKPILE #1, #1 OF 2	37764	ND

DETECTION LIMIT: 20 mg/Kg

NORTH COAST ID: 37763-37764
CLIENT: NOZZLE NEW
NN PROJECT: CITY OF CLEVELAND, 310 CARNEGIE FIRE ALARM

POLYNUCLEAR AROMATIC HYDROCARBONS
EPA METHOD 8270C – SOIL

COMPOUND	UST #1	STOCKPILE #1, #1 OF 2
	37763	37764
ACENAPHTHENE	ND	ND
ACENAPHTHYLENE	ND	ND
ANTHRACENE	ND	ND
BENZO(A)ANTHRACENE	ND	ND
BENZO(A)PYRENE	ND	ND
BENZO(B)FLUORANTHENE	ND	ND
BENZO(GH)PERYLENE	ND	ND
BENZO(K)FLUORANTHENE	ND	ND
CHRYSENE	ND	ND
DIBENZO(A,H)ANTHRACENE	ND	ND
FLUORANTHENE	ND	ND
FLUORENE	ND	ND
INDENO(1,2,3-CD)PYRENE	ND	ND
NAPHTHALENE	ND	ND
PHENANTHRENE	ND	ND
PYRENE	ND	ND
DETECTION LIMIT (µg/Kg)	200	200

ALL RESULTS ARE EXPRESSED IN µg/Kg

DATE EXTRACTED: 6/2/03

DATE ANALYZED/CALIBRATED: 6/3/03

North Coast Environmental Laboratories, Inc.

Chain of Custody Record

10100 Wellman Road • Streetsboro, Ohio 44241
(800) 586-4666 • Fax (330) 342-0088

PROJ. NO.

PROJECT NAME/LOCATION City of Cleveland 320 CARNEGIE FIRE ALARM

SAMPLERS: (Signature) Philip Mauell

STA. NO.	DATE	TIME	COMP.	GRAB.	STATION LOCATION	NO. OF CONTAINERS	PARAMETER: Ch. Ice Cooler	PARAMETER: BTEX	PARAMETER: PAH	PARAMETER: TPH (C10-C34)	REMARKS	LAB ID #
	5/28	1:30		X	UST #1 N	1	✓	✓	✓	✓		37763
	5/28	1:35		X	Stockpile #1, #1 of 2	1	✓	✓	✓	✓		37764

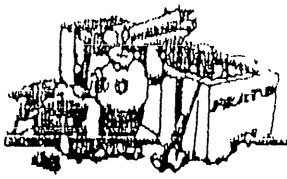
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Philip Mauell	5/28/03 1:45				
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Client:	
		I. Bayfe	5/29/03 0810		

20

te payment service charge of 1 ½% per month, which is an annual rate of 18%.

WHITE - REMAINS WITH SAMPLE YELLOW - CUSTOMER COPY

11.0 UST DISPOSAL RECEIPT



Please remit to:
P.O. Box 21220
Cleveland, Ohio 44121
(216) 421-8889

F 8185

FRATO
"We Sell Service"

Drop Off Date 6/18/03
Scheduled Pickup Date 6/18/03
Early / Extended / On Call ___/___/___
Driver _____

Name Nordenet PO # _____
Contact Person: BRUCE
Job Location YARD

TANK DISPOSAL

Phone#: 216-663-8261 Mobile# _____
Fax#: _____ Pager#: _____

Dumpster: Residential Commercial Industrial
Construction Demolition Roofing Rubbish
10yd 15yd 20yd 30yd 40yd open top compactor

Payment: C.O.D Company Check Charge Discover MasterCard Visa

C/C Approval#_____ Cost $ [redacted]

*$100.00 charge for insufficient funds.

CUSTOMER RESPONSIBLE FOR CONTAINER FOR ANY AND ALL DAMAGES OCCURRED TO WHEN ON PREMISES.
*NOTICE If any material or vehicles are blocking removal of the dumpster on the scheduled pick up date, there will be an additional charge of $100.00 plus a $25.00 fee for each day the dumpster is inaccessible. If you call to keep the dumpster over scheduled pickup time it will incur a $100.00 extra charge, unless otherwise specified in advance by FRATO.

CONDITION OF SALE

I, the undersigned contractor or homeowner, hereby waive any and all claims for any damages that may be caused to the driveway, walkway, house, garage, auto, lawn, shrubs, utility wires or any other things located on the property as a result of request to the driver of FRATO to enter said property for the purpose of making a delivery, dumping or loading.

NOTE: No tires, flammable, toxic and/or hazardous materials.

Dumpster being used for dense materials such as asphalt, concrete, brick, stone, gravel, dirt or sand must only be loaded in dumpster half way full evenly across dumpster.

WARNING: Do not overload container, overload will be displaced on said property. All fines for overloaded dumpster if occurred will be paid by customer.

Per customer request, if dumpster is placed on soft area, customer will be responsible for towing cost.

O.K. to proceed by X _____

Site #19
Gillota Fuel Products

Ohio Department of Commerce George V. Voinovich, Governor

Division of State Fire Marshal • Bureau of Underground Storage Tank Regulations Nancy S. Chiles, Director
9221 Ravenna Road, Suite D7-D8 • Twinsburg, OH 44087 • (216) 425-9848

October 25, 1993

Al Gephardt
Centerior Energy
P.O. Box 94661
Cleveland, OH 44101-4661

RE: Terminal Oil Company
300 Central Viaduct
Cleveland, OH 44115
Cuyahoga County
Incident #1821755-02

Dear Mr. Gephardt:

The Bureau of Underground Storage Tank Regulations (BUSTR) has reviewed all submitted data for incident #1821755-02 located at CEI Horizon Substation, 300 Central Viaduct, Cleveland, OH. Based on this information, BUSTR requires no further action involving corrective actions for this incident, and no further remediation is required under our regulatory framework.

If you feel that you are entitled to appropriate reimbursement you should contact the Petroleum Underground Storage Tank Release Compensation Board (PUSTRCB) at P.O. Box 2040, Columbus, Ohio 43216, (614) 752-8963. PUSTRCB is an assurance fund and as such is a separate entity apart from the Department of Commerce.

Thank you for your cooperation with BUSTR in helping to protect health and the environment of the State of Ohio. If you have any questions please contact me at (614) 752-7941.

Sincerely,

Raymond Roe, Manager
Corrective Actions Section

RR:LH:sk

cc: File #1821755-02

00001543

SITE LISTING UPDATE FORM

EXISTING INCIDENT #: 182175 - 02 - ____ UPDATE.001 REV 8/89

FACILITY NAME: Terminal Oil (CEI SUBSTATION) NEW FACILITY INFO? ____ YES ____ NO
(Update on back)

[1] REASON FOR LISTING UPDATE

X [1] Written report/results received from owner/operator.
__ [2] Verbal report/results received from owner/operator.
__ [3] Written report received from BUSTR contractor.
__ [4] Information collected from BUSTR field examination/inspection.
__ [5] Change in site coordinator/contractor assignment.
__ [6] Change/delete existing incident number - explain change in remarks section [5].
__ [7] Create new incident number for additional suspected facility/location.
__ [8] Orders issued.
X [9] Other: CA review

[2] NEW SITE LISTING DATA

INCIDENT #: ____ - ____ - ____
REPORT NUMBER FAC TRKG# SPRC

EMERGENCY RESPONSE: __ YES __ NO BY: __ FM (_____) __ OEPA __ USEPA

STATUS: __ RPT __ SUS __ DIS __ CON __ ICA __ ICR __ ICC __ SAS __ SAC __ CAS __ CAP X NFA

PRIORITY: __ 1* __ 2 __ 3 __ 4 __ 5

CLASSIFICATION: __ A __ B __ C __ D LTF ELIGIBILITY: __ YES (1) __ NO (2)

SITE COORDINATOR: _____ CONTRACTOR: _____ WORK ORDER: _____

* [3] SITE SUMMARY (UPDATE FOR ALL PRIORITY 1 SITES)
(First sentence - why is it a 1? Second sentence - who is doing what at this time)

[4] NEW EXCEPTION REPORT DATA

__ [1] State plans to obligate over $100,000 at a site.
__ [2] State actually obligated over $100,000 at a site (cumulative expenses exceeded $100,000 this quarter).
__ [3] State plans to use innovative or experimental technology at the site.
__ [4] State plans to provide permanent alternative drinking water supply.
__ [5] State plans to permanently relocate residents.
__ [6] State reached/received cost recovery settlement; amount: _____.

[5] SITE MANAGEMENT REMARKS
(BUSTR actions needed/taken, reports expected, etc.)

Contamination discovered on CEI property 1990, tanks operated by Gillotta & Sons.
9/92 6 UST's removed overexcavation conducted 5660 tons soil to landfill documented Post excavation sampling 9 samples collected BT 25 ppb T↑12 ppb E↑65 ppb X↑420 ppb TPH < 20 ppm. GW sample BTEX < 2 ppb

[6] FOLLOW-UP BUSTR ACTIONS/ASSIGNMENT
(For use by supervisor)

Refer for No Further Action - the property has potential to be recontaminated by seepage water →

UPDATE SUBMITTED BY: _____ DATE: 10/5/93

APPROVED: _____ DATE: 10/8/93 ENTRY: SU DATE: OCT 12 1993

0000154

[7] SUSPECTED/CONFIRMED RELEASE LOCATION

FACILITY: _____ USTR#: _____

ADDRESS: _____ COUNTY: _____

CITY: _____ ST: ____ ZIP: _____ PHONE: |____|_____

UST OWNER: _____ PHONE: |____|_____

FACILITY REMARKS: _____

_____

FIRE DEPT: _____ CONTACT: _____ PHONE: |____|_____

[8] OWNER INFORMATION

NAME: _____ TITLE: |____|_____

ADDRESS: _____

CITY: _____ ST: ____ ZIP: _____ PHONE: |____|_____

[9] OPERATOR INFORMATION

NAME: _____ TITLE: |____|_____

ADDRESS _____

CITY: _____ ST: ____ ZIP: _____ PHONE: |____|_____

coming out of a bridge abutment above the site. This seepage water is currently being diverted from the property by a cut-off ditch, treated & released into the Jennifer River. The exact source of the seepage contaminants is yet unknown. Possibly coming from tanks operated by Gillotta on the property above (1821755-01)

EXHIBIT #1

0000558

Ohio Department of Commerce
An Equal Opportunity Employer & Service Provider

George V. Voinovich, Governor
Donna Owens, Director

Division of State Fire Marshal • Bureau of Underground Storage Tank Regulations
8895 East Main Street, P.O. Box 687 • Reynoldsburg, OH 43068-0687
(614) 752-7938 • FAX (614) 752-7942

OCT 03 1995

JOHN GILLOTA
GILLOTA INC
300 CENTRAL VIADUCT
CLEVELAND OH 44115

SITE: GILLOTA INC
300 CENTRAL VIADUCT
CLEVELAND OH 44115
CUYAHOGA COUNTY
INCIDENT #1821755-03

RE: NO FURTHER ACTION STATUS

Dear Mr. Gillota:

The Bureau of Underground Storage Tank Regulations (BUSTR) has reviewed all information submitted for this site. Based on this information, BUSTR requires no further action involving corrective actions for remediation under the regulatory framework.

If you feel that you are entitled to reimbursement you should contact the Petroleum Underground Storage Tank Release Compensation Board (PUSTRCB) at P.O. Box 163188, Columbus, Ohio 43216, (614) 752-8963 or (800) 224-4659. PUSTRCB administers Ohio's assurance fund and is a separate entity apart from BUSTR.

Thank you for your cooperation. If you have any questions, please contact Dennis Tatum at (614) 728-5470.

Sincerely,

Diane B. McClure
Acting Corrective Actions Supervisor

DBM:DT:dep

xc: Site File
Terry Chambers, Cleveland Fire Dept.
Robert Staib, Cleveland Health Dist.

	CONCURRENCES					Mailed
						OCT 03 1995
Initial	DBM					
	10/2/95					DRP

00002443

CLOSURE ASSESSMENT REVIEW

(FOR USE WITH USTS REMOVED AFTER 12/31/93)

6/20/95

OWNERSHIP OF TANKS	LOCATION OF TANKS
OWNER NO. 154 GILLOTA, INC. 300 CENTRAL VIADUCT CLEVELAND, OH 44115 ATTN: JOHN GILLOTA	INCIDENT NO. 1821755-03 FACILITY NO. 186838 GILLOTA, INC. 300 CENTRAL VIADUCT CLEVELAND, OH 44115

UST SYSTEM INFORMATION

Report Received Date: 25 September, 1995

Removal/Abandonment Date: 12 May, 1995					STATUS		
TANK NO.	AGE	CAPACITY	MATERIAL	PRODUCT	TANK	PIPE	DISP
1	12	1,000	Steel	Diesel	R	R	R
2	12	12,000	"	Diesel	R		
3	12	12,000	"	Diesel	R		
4	12	12,000	"	Kerosene	R		
5	12	10,000	"	Gasoline	R		
6	12	10,000	"	Gasoline	R		

Laboratory analytical results (highest results)

Benzene	<5	ug/kg
Toluene	<5	ug/kg
E-benzene	<5	ug/kg
Xylene	<5	ug/kg
TPH	<2	mg/kg

SFSS Category 1 (2) 3 4 (CIRCLE ONE)

Overexcavation: Yes (No) BUSTR Approval: Yes / No

Other analytes or comments: _____

Site Management Remarks: _____

STATUS: NFA V ICR __ Priority 2 Classification D LTF (6) Site Coordinator Tatum

Reviewed By: Dennis Tatum 26 September 95 Date: _____

Approved By: Diane B. McClure Date: 10/2/95

Entry By: S. Unger Date: OCT 03 1995

Effective Date July 20, 1994

00002444

REPORT INFORMATION

ACTIVITY	REPORTED INFORMATION		DATE RESOLVED
	YES	DEFICIENT	
FIELD			
Field screening methods/numbers	✓		
Field screening readings	✓		
SAMPLING			
Container/equipment/preservation	✓		
Sampling methods/tools	✓		
Locations/numbers of samples	✓		
Samples split for screen/lab	✓		
Water evacuation/24 hour wait	✓		
LABORATORY			
Correct samples submitted	✓		
Chain of custody	✓		
Analyzed within holding time	✓		
Test methods/detection limits	✓		
Lab reports (date, analyst)	✓		
REPORT			
Owner, operator, facility information	✓		
Closure form complete (signed)	✓		
Wastewater and UST contents disposal	✓		
UST system disposal	✓		
Site map of facility and area	✓		

WASTE DISPOSAL INFORMATION

Laboratory analytical results (highest results)

Benzene <5 ug/kg

Toluene <5 ug/kg

E-benzene <5 ug/kg

Xylene <5 ug/kg

TPH <2 mg/kg

Quantity 350 (cubic yards)/tons

Acceptable soil disposal (Yes) / No

Used as backfill ✓

Landfill or remediation ____

Stockpiled on-site ____

Location: _____

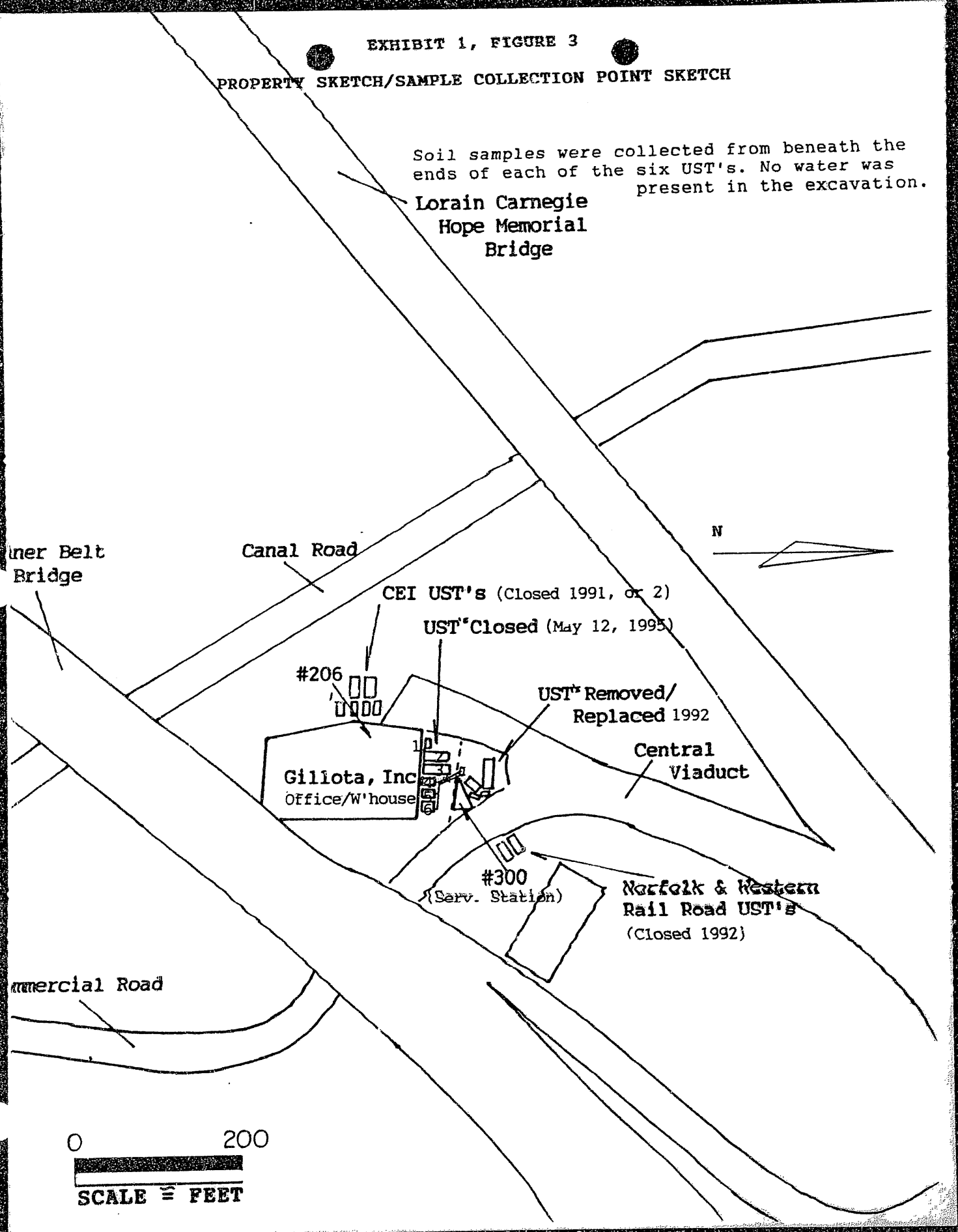
Comments: _____

Deficiency letter(s) sent: 1. _____, 19__ 2. _____, 19__

00002445

EXHIBIT 1, FIGURE 3

PROPERTY SKETCH/SAMPLE COLLECTION POINT SKETCH



FILE

FC 3M 12-58

TK-5434-11-23-84
IS-23859-11-23-84

HS-6439-11-23-84

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY—DIVISION OF FIRE

FIRE PREVENTION BUREAU

BUILDING RECORD

HS 2005 8-12-85
TKR-0535 9/16/92
TKR-0529 8/24/92
TK 6577-8/27/92
TK-0690-10/5/93

STREET CENTRAL VIA HOUSE No. 300 BLDG. NAME

STORIES CONSTRUCTION

OCCUPANCY Gas Station

OWNER OR AGENT ADDRESS

FOR PARTICULARS SEE INSPECTIONS BY WARDENS OR COMPANIES UNDER DATES LISTED BELOW IN INSPECTION FILE NO.

Enter All Fires In Chronological Order In Red Ink

Date	Inspector	Conditions Found	Closed
6-11-50	#3751 @	2:57 PM. Rubbish - smoker. None	
3-12-52	Eynon	Affixed Permit Application	
10/21/64	Gannon	See Report	FILE
3/25/65	Gannon	O.K. re Abandonment 1/10 tanks	
		Inspect	FILE
6/14/65	Gannon	O.K. Order to abandon tanks removed.	FILE
7-1-65	Parady	ICE U/G TANKS no work started	
9/9/65	Parady	Letter sent re Abandon all U/G tanks	FILE
12-2-65		NOTICE OF APPEAL TO BSS + BA Docket A-190-65	
1-24-66	Eland	Information - Vacant	FILE
8-23-66	Parady	Re abandoned tanks no change. BBS&A. Docket A-190-65	
8-23-66	"	Letter BBS&A. Docket A-190-65	
8/26/66	Letter	BBS&A	FILE
9-12-66	BBS&A	Docket A-190-65 FINAL	FILE
12/1/66	Letter to	BB S.&B.A. Re: Ext of time to file tanks	FILE
12-19-66	BBS&A.	Minutes - 90 day extension of time.	FILE
6-5-67	BBS&A	Minutes - 30 day extension of time.	
6-19-68	Parady	Gas station to be REOPEN, will check back	FILE
7-3-68	Parady.	See report. Re: Title search.	
7/31/68	Parady	Ltr Sent to John Weston.	
8-23-68	Parady	Re: u/g tanks problem - time granted by Board of Standards has expired - See report	
8-26-68	Parady	as result of notice to Mr Weston Rec'd letter this date.	FILE
9/4/68	Parady	discussion re: reactivation of U/G tanks 2,000 - 12,000 - 20,000 see report	
1-25-68	Parady	attended meeting of BBS&A. re: activating the above station Board has given a period of 30 days for testing the U/G tanks under supervision of FPB.	
12-20-68	Lynch	Re: air test on U/G 4 Pdg storage tanks See report.	FILE

OTHER FRONTAGE

HOUSE No. 300

CENTRAL VIADUCT

E. 2-1

TK-

STREET HOUSE No. BLDG. NAME

Date	Inspector	Conditions Found	Closed
12-19-68	Parady.	re: U/G. tank test. See report	
12-27-68	Parady.	re: U/G. tank test (3) See Report.	
12-2-68	BBS+A	Minutes - Ruling re 30 days to test tanks.	
3-24-69	Letter Rec'd from. H. Fransen re: Doc. A-190-65		FILE
3-26-69	Parady.	~~[illegible]~~ ~~[illegible]~~ See Report	
7-16-69	Parady	See report Reinsp	
10-6-69	Parady.	Reinsp re: U/G tank. no action See Report	FILE
6-29-70	Parady.	re: U/G. tanks See Report.	
11-10-70	Klein	re: U/G. tank test. 20,000 gal. [illegible]	FILE
—		as per B.B.S+A. A-190-65	
—		2 U/G. tanks on premises had been given air	
—		test + approved See Report	
11-26-84	Hairston	Air test on (1) 12,000 & (1) 10,000 u.g. tanks, approved	
11-27-84	Boyse	Air test on (1) 12,000 and (2) 10,000 U.G metal tanks - approved	
		also witnessed setting of (2) 12,000 & (3) 10,000 U.G tank	
12-29-84	Keith	Piping Test approved for 5 underground	
		steel tanks permit #5434	
2-6-85	Hearns	Complaint of U/G tanks no cause.	FILE
2-18-87	Heple	Complete - 4 VIO's - notice issued	
3-10-87	"	Letter 1A sent	FILE
8-28-92	Chamber	Tank Removal, see report	file
9-4-92	Chamber	Tank Installation, see report	file
10-14-93	Chamber	Tank Removal, see report	file
12-13-95	AUSTIN	COMPLETE	
3/13/96	Flanigan	Target Insp - VIO'S abated	
5/6/96	FLANIGAN	TARGET	FILE

H-S103 3212-1-67 HS 2340 2341

FORM 211-73 **FILE**

CITY OF CLEVELAND
DEPARTMENT OF PUBLIC SAFETY - DIVISION OF FIRE
FIRE PREVENTION BUREAU

BUILDING RECORD
C. T. I. 1

STREET CENTRAL VIADUCT HOUSE No. 206 BLDG. NAME

STORIES 3 CONSTRUCTION BRICK 6 C [illegible] III

OCCUPANCY Storage S STEM 75 x 100' x 40'

OWNER or AGENT ~~KURTZ FURNITURE~~ W. [illegible] ADDRESS

FOR PARTICULARS SEE INSPECTIONS BY WARDENS OR COMPANIES UNDER DATES LISTED BELOW IN INSPECTION FILE No. 2

Enter All Fires In Chronological Order In Red Ink Blue

Date	Inspector	Conditions Found	Abatement Ordered	Orders Complied With	Summons Court	Closed
3-4-?	#3654	@ 2.33 am. Rubbish Car [illegible]				
-24-44	Reynolds	Kurtz Furniture Warehouse allied [illegible]				[illegible]
-9-44	#5325	at 4.48 P.m. Rubbish [illegible]				
-21-44	#5738	at 11.52 P.m. Rubbish [illegible]				
-7-46	Conny	Kurtz Warehouse #3 found 10 windows in [illegible] Blocked By Mattresses also doors [illegible] Blocked By [illegible] Ordered Same abated. Will recheck				
-15-48	Wiemer	accompanied Capt Oneil on Insp				
-13-52	Jindy E.28	made Insp.				
-15-52	Oneil E28	See Co. Insp. See Report				
-25-52	Wiemer	Kurtz Furniture Co. See Special Report in file #5 [illegible] Requested See Special forms #224 in file #5				
-26-52	Letter	to Helen Lincoln			FILE	1431
-11-52	#3563 @	7:22 AM Bonfire			None	
-24-52	Wiemer	Kurtz Furniture Warehouse - nothing done to date regarding closing of elevator shaft. otherwise O.K.				
10-12-52	#7980 @	11:30 P.M Car Smoker (rubbish)			None	
-?-53	Bland	Forms #224 & #91 See forms in file #14				
4-1-53	Letter	@ Glenn Roof				2163 FILE
[illegible]	[illegible]	[illegible]				
10-3-55	#7404 @	1:00 P.M. Undetermined				None
10-3-55	See report of Car #711 - Fishler & Kraning 10/3/55 for details. Most Probable Cause - Vandalism by Vagrants.					

CENTRAL VIADUCT 206

E 27

STREET HOUSE No. BLDG. NAME

Date	Inspector	Conditions Found	Abatement Ordered	Orders Comp With	Summons Court	Closed
3-16-70	Rhiner	Insp Viola				FILE
1-30-70	Murphy	Insp. V/o's issued See Report.				FILE
1-24-70	DBS+A	Docket A-101-69 Resolution				FILE
1-18-83	E2	Insp. 1 V/O				
2-13-95	AUSTIN	COMPLETE				
3/6/96	FLANIGAN	TARGET				FILE

FORM 211-73

Central Viaduct

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY DIVISION OF FIRE — BUILDING RECORD

FIRE PREVENTION BUREAU

C. T.....

STREET: CENTRAL AVE HOUSE No. 206 BLDG. NAME

STORIES CONSTRUCTION

OCCUPANCY

OWNER OR AGENT ADDRESS

FOR PARTICULARS SEE INSPECTIONS BY WARDENS OR COMPANIES UNDER DATES LISTED BELOW IN INSPECTION FILE NO.....

Enter All Fires In Chronological Order In Red Ink

Date	Inspector	Conditions Found	Closed
1-28-44	#841	@ 11 09 P.M. Rubbish Starts Bonfire None	—
2-10-46	McClure	O.C. 12-10 Chief Nunno Kurtz Furniture Co always burning rubbish called & saw Mr Rubin Owner supt & Ordered the burning of rubbish stopped at once & served him written notice on same was told by him that a fellow who hangs around the rear is the man who burns the rubbish & requested that he be chased away Later Contacted this fellow & took him to Eng house No 28 & was unable to talk to him as he was deaf & dumb Turned him over to arson Sq abated	
11-13-47	#7421 C	12:02 A.M. Rubbish-Care. Smoker None	—
5/19/49	Dempsey	Kurtz Furniture. Ordered Mr. Rubin to clean up papers from lot in rear.	
5-13-49	3263	3 37 P.M. Burning Rubbish None	—
5-20-49	3762	3 26 P.M. Rubbish Bonfire None	—
5/25/49	Dempsey	Papers in the rear. Found the surface papers had been removed. Excelsior and other papers are ~~still packed there. Will contact manager tomorrow.~~	
5/26/49	Dempsey	Ord Mr Rubin to clean up excelsior in the dumps	
6-9-49.	Dempsey.	O.C. 5-19-49. Papers removed abated.	

STREET

HOUSE No. 206

OTHER FRONTAGE

STREET HOUSE NO. BLDG NAME

Date	Inspector	Conditions Found	Closed
10-12-50	Kluck & Eld	Insp. Foundations & Conditions	N.
3-6-52	Wiemer	Check for 2nd & permit application returned	
		approved application to be sent	
10-23-55	#7865 @ 11:10 P.M.	Vagrants	None
10-25-55	#7924 @ 4:22 P.M.	Vagrants with matches	None
10-25-55	See report of Co #711 - Lock & Likens, 10/25/55 for details.		
12-4-55	711	See report, Sweeney & Driscoll	
6-10-58	Wold	Complaint of flow alarms - Morse Signal has changed compensation mechanism.	
12-11-58	#9305 @ 9:35 PM	Exit Light	none
6-15-59	Zupancic	Telephone complaint - Inmates against Bldg - from Mr. Sharon of World W. Baking Co. - ordered piled 10' from Bldg (Cont. Mrs. Smith)	
9-2-59	#6888 @ 1:44 P.M.	Short Circuit	
4/15/59	Wold.	Short circuit in elevator door cut out switch	
		Flood damage	
1/3/62	Insp 1428	Insp-Emp	
2-(21-22-23) 63	Zupancic	Request letter	
2/28/63	Letter	Mr R. M. Sharon #78-63	FILE
2/28/63	Zupancic	Issued sample - Job No 484 Lab Test	
3/5/63	#2664 @ 2:42 P.M.	Cigt / Torch	
3/6/63	Eland	F/S Benson Warehouse - Cut / Torch cutting hole in steel beam. Sparks ignited wood partition.	
3/11/63	Zupancic	Advised to immediately shut off & discontinue use of portable, unvented, oil fired blower type heater	
3/26/63	Eland	Insp Vio being abated	
6/26/63	Eland	Lumber removed from Bldg	
8-18-64	Sheehe	Insp Vio Posted Letter Req 728-64	FILE
9/25/64	Sheehe	Ltr - Released	
11/13/64	Sheehe	Re Ltr Partial abatement will continue	
12/7/64	Sheehe	Ltr Benson Warehouse Abated	
6/16/65	Clements	Benson Warehouse Fog nozzles	FILE
1-16-67	Herdrick	Insp 2-Vio Ltd to Mr. Stein	FILE
3-28-67	Herdrick	Re Check Violations Abated	
5-13-68	Eland.	Insp See Report. Changes noted.	FILE
—		5 Vios listed in a letter dated 2-27-63	abated
3-12-69	Kiduck	Insp Vio noted Vio remain	FILE
5-13-69	Eland.	See Report. with H. Herdrick See his report.	
5-13-69	Herdrick	Joint Insp. with Bldg Insp's Calhoun & Eblen - Vios noted 2/6's See Report.	

FORM 225-73

FILE

1

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY

DIVISION OF FIRE

Application No. 2341 Fee ~~$1.00~~ Date 2-25- 19 52

Permit Application
For the Storing, Handling, Sales or Use of Hazardous Substances

Elmer M. Cain, Chief
Division of Fire

Applicant KURTZ FURNITURE CO.

Location 206-CENTRAL Viaduct

Building Height 3 St Construction Brick M.R. Const.

Occupancy Furniture Warehouse Other Occupancy none

Calcium Carbide _____

Corrosive Liquids _____

Dip Tanks _____

FLAMMABLE LIQUIDS (Storage)

Class 1 Gasoline 1000 Gals.

Class 2 _____ Gals.

Class 3 _____ Gals.

Fume Hazard Gases _____

Moisture Hazard Substances _____

Nitrocellulose Film _____

Portable Booths _____

Pyroxlin Plastic _____

Spray Booths _____

Tire Retreading & Rebuilding _____

Refinishing with Highly Flammable liquids such as Bowling Alleys and similar surfaces in places of Assembly—

_____

Unfired Pressure Vessels _____

STORAGE

Cabinets _____ Floor _____ Tanks 1 Vaults _____ Shelves _____

Location Outside Underground Use ✓

Transporting _____ Sales _____

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained, and to comply with all ordinances of the City of Cleveland, the laws of the State of Ohio, and all the rules and regulations of the State Fire Marshal, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, Relating to the Storing, Handling, Sales, Transportation and of Hazardous Substances.

Applicant × Kurtz Furniture Co. by J. Block

Date 2-25- 19 52 Inspector P. McKinnon Lt

FORM 225-73

FILE

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY

DIVISION OF FIRE

Application No. 2340 Fee $1.00 Date 2-25 1952

Permit Application
For the Storing, Handling, Sales or Use of Hazardous Substances

Elmer M. Cain, Chief
Division of Fire

Applicant KURTZ FURNITURE Co

Location 206-CENTRAL Viaduct.

Building Height 3 St. Construction Brick - mill const

Occupancy Furniture Warehouse Other Occupancy None

Calcium Carbide _____ Nitrocellulose Film _____

Corrosive Liquids _____ Portable Booths _____

Dip Tanks _____ Pyroxlin Plastic _____

FLAMMABLE LIQUIDS Spray Booths 1 BINKS

Class 1 _____ Gals. Tire Retreading & Rebuilding _____

Class 2 _____ Gals. Refinishing with Highly Flammable liquids such as Bowling Alleys and similar surfaces in places of Assembly—

Class 3 _____ Gals. _____

Fume Hazard Gases _____ _____

Moisture Hazard Substances _____ Unfired Pressure Vessels _____

STORAGE

Cabinets _____ Floor _____ Tanks _____ Vaults _____ Shelves _____

Location _____ Use _____

Transporting _____ Sales _____

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained, and to comply with all ordinances of the City of Cleveland, the laws of the State of Ohio, and all the rules and regulations of the State Fire Marshal, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, Relating to the Storing, Handling, Sales, Transportation and of Hazardous Substances.

Applicant x Kurtz Furniture Co by D J Block

Date 2-25-52 19___ Inspector F. M. Kinnick Capt

FORM 225-79

CITY OF CLEVELAND

FILE

DEPARTMENT OF PUBLIC SAFETY

DIVISION OF FIRE

Application No. 3203 Fee 1.00 Date Aug 12 1902

Permit Application
For the Storing, Handling, Sales or Use of Hazardous Substances

Elmer M. Cain, Chief
Division of Fire

Applicant WEETON'S SERVICE STATION

Location 300 CENTRAL VIADUCT

Building Height 2 Story Construction BRICK

Occupancy GAS STATION. Other Occupancy NONE.

Calcium Carbide ____ Nitrocellulose Film ____

Corrosive Liquids ____ Portable Booths ____

Dip Tanks ____ Pyroxlin Plastic ____

FLAMMABLE LIQUIDS Spray Booths ____

Class 1 GASOLINE 13,600 Gals. Tire Retreading & Rebuilding ____

Class 2 ____ Gals. Refinishing with Highly Flammable liquids such as Bowling Alleys and similar surfaces in places of Assembly—

Class 3 ALCOHOL 150 / KEROSENE 10 Gals.

Fume Hazard Gases ____

Moisture Hazard Substances ____ Unfired Pressure Vessels ____

STORAGE

Cabinets ____ Floor Gasoline, drum / Alcohol, drum Tanks ____ Vaults ____ Shelves ____

Location Loading, 2 underground tanks. Use ____

Transporting ____ Sales ✓

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained, and to comply with all ordinances of the City of Cleveland, the laws of the State of Ohio, and all the rules and regulations of the State Fire Marshal, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, Relating to the Storing, Handling, Sales, Transportation and use of Hazardous Substances.

Applicant W E WEETON 300 Central Viaduct Firm ____

Date Aug 12 1902 Inspector Frank R. W. Lyman

S OF C 73-204

District # 1

File

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY
DIVISION OF FIRE

FIRE PREVENTION BUREAU

File

August 18, 19 64

SIR: X 206 Central Viaduct

"Benson Warehouse"

3 story - 3 sub-basements - Brick Walls - Frame Roof

75' Wide - 100' Long - 40' High Type III

Owner Benson Warehouse Co.- same address

Occupant Same

Occupancy Storage - mainly appliances

Accompanied by Barney Eberlin - part owner

Description Rectangular shaped building that is constructed on the side of a hill. There are 3 stories above grade facing Central Viaduct St. Three levels are below grade with access from around the back of the building. For identification, the levels are numbered 1 to 6. The lowest level is No. 1 and the top, No. 6. No. 4 or grade level, has a loading dock and business offices.

Roof 4 - wired glass skylights
2 - large advertising bill boards (illuminated)
Elevator controls pent house
1500 gal pressure tank in crrogated steel shed
Large brick stack on west side of bldg. extends from 1st level to above roof

Floors 6 & 5 Mainly storage of appliances

Floor 4 Storage - Business offices - loading dock
Interior gasoline pedestal pump by loading dock. 1000 gal U/G tank locatedoutside oppposite pump. Flammable Permit ?

Floors 3 & 2 Mainly storage

Floor 1 Mainly vacant - sprinkler controls

Vertical Openings
Freight elevator shaft south side enclosed
Conveyor opening from levels 4 to 6 protected by trap doors with fusable links

Stairways
SW corner enclosed but enters floor area on various floors
Middle east end - enclosed but enters floor area

Exits floor # 4 front and rear
floor # 1 west side

Inspector: Lt. L. G. Sheehe

C OF C 78-204A

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY
DIVISION OF FIRE
FIRE PREVENTION BUREAU

FILE

10-2-64 19

SIR:

300 CENTRAL VIADUCT. VACANT SERVICE STATION
2 STORY BRICK 43'x18'x24'H
OWNER - WALTER WEETON, 3060 CORYDON RD. CLEVELAND HTS, OHIO
IN CHECKING THIS LOCATION, I FOUND THAT THE OWNER, WALTER WEETON IS SERIOUSLY ILL, AS A RESULT OF A STROKE, AND INCAPABLE OF MAKING A DECISION IN REGARD TO THIS STATION.
I CONFERRED WITH HIS SON, JOHN WEETON, WHO INFORMED ME THAT THERE WERE 3 TANKS (U.G.) AND POSSIBLY MORE ON THIS PROPERTY. THE STATION HAS BEEN INACTIVE FOR 4½ YEARS.
J. WEETON SAID THERE WAS A POSSIBILITY OF RE-OPENING THE STATION, OR SELLING IT AS A SERVICE STATION. IN VIEW OF HIS FATHER'S SERIOUS CONDITION, HE ASKED FOR MORE TIME TO CONSIDER THESE POSSIBILITIES.

1902 ABBEY RD. SINCLAIR SER. STATION 62'x68'x14'H
RECHECK. VIOLATIONS ABATED.
ISSUED APP. FOR FLAM. LIQ. PERMIT, AND FOR U.F.P.V.

Inspector: [signature]

C of C 73-225

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY

DIVISION OF FIRE

Permit No. 18582 Fee $ 2.00 Date 12/7 19 64

Expiration Date _____ 19 ____

Permit Application
For the Storing, Handling, Sales or Use of
Hazardous Substances

Elmer M. Cain, Chief
Division of Fire

Applicant Benson Warehouse Co

Location 206 Central Viaduct
(NUMBER AND STREET)

Building Height 6 Stories ____ Area: ____ L 200' W 100' Construction 1-2-3-4 A-B-C

Occupancy Storage Other occupancy _____

One Application for each No. Item. List Kind and Quantity of Substance.

Calcium Carbide _____

2. Corrosive Liquids _____

3. Flammable Liquids: _____

Class 1 100 Gal. Gasoline

Class 2 _____

Class 3 _____

4. Fume Hazard Gases _____

5. Moisture Hazards _____

6. Nitrocellulose Film _____

7. Pyroxlin Plastic _____

8. Tire Ret'g. & Rebldg. _____

9. Refinishing with Highly Flammable Liquids, i.e., bowling alleys, other assemblies _____

10. Dip tanks _____ Spray Booths _____ Spray Rooms _____

11. Unfired Pressure Vessels: L.P. ____ H. ____ O. ____ Acetylene ____ Other _____

12. Other Substances _____

STORAGE

Cabinets ____ Floor ____ Tanks 1 - 4/G Vaults ____ Shelves _____

Sealed Containers _____ Dispensing _____

Use Fueling Co. Truck Sales _____

REMARKS U/G Tank located NE Corner of bldg. — Fill & vent proper.
Pedistal Pump located interior adjacent to North end loading dock

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained, and to comply with all ordinances of the City of Cleveland, the laws of the State of Ohio, and all the rules and regulations of the State Fire Marshal, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, Relating to the storing, Handling, Sales, Transportation and use of Hazardous Substances.

Applicant Sam Stern (NAME) Partner (TITLE)

(Approved) (Disapproved) by Lt. J. D. Steele FPB (INSPECTOR)

Date 12/7/64

Reasons for disapproval

PROPERTY OWNERS PERMISSION

Cleveland, Ohio _____ 19 ____

The owner of the premises described in the foregoing application hereby grants the leesee or agent permission to store the above mentioned Hazardous Substances at this location.

Owner _____

Address _____

Witness _____

Captain Chase

Copy of Reports

FILE 7-21-66

300 Central Viaduct September 1,1965

Vacant Service Station Re: Underground tanks & John Weeton -ED 3 0982
No work started on the proper treatment of the tanks. Mr. Weeton is to contact this inspector September 2,1965.

Lt. Parady

300 Central Viaduct September 9,1965

Abandoned Service Station (u/g tanks)
Have been working this problem with Mr. John Weeton of 22667 Peachtree Lane, Cleveland, Ohio 44116, who is in charge of the estate. Request the attached notice to Mr. Weeton.

Lt. Parady

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY

DIVISION OF FIRE

FIRE PREVENTION BUREAU

Page 3

May 13 1968

206 Central Viaduct

Changes since previous inspections
World Wide Packaging Co has moved
from the building. Eight violations
cited in a letter dated Feb. 27, 1963
have been abated.

There is a 1000 gal gasoline on the east
side of the building near Central Ave. and
a gasoline pump near the loading dock
door inside the building.

Inspector: Robert Lindquist

INSURANCE SERVICES OFFICE
OF OHIO

REPORT NO. 34-100,472
INSPECTED: Jan. 4, 1977

AS

Superseding All
Previous Reports

CONFIDENTIAL
FOR AFFILIATED COMPANIES AND
THEIR AUTHORIZED EMPLOYEES ONLY

COMPLETE REPORT

GILLOTA AND SONS, INC.
(Formerly Benson Warehouse, Inc.)

CLEVELAND, OHIO. 206 Central Viaduct.

Sanborn, 1952. Volume 1A. Page 40A. Block 2. Plan herewith.

CLASS OF RISK: Service station supply warehouse with 60% vacant.

OWNER & OCCUPANT: Gillota and Sons, Inc.

ACTIVITY: Single shift, five days a week. First and third floors occupied with remainder vacant.

* * * * * * * *

IMPORTANT CHANGES SINCE LAST SHORT REINSPECTION REPORT - DECEMBER 4, 1975: Benson Warehouse, Inc. has vacated the premises and sold the building to Gillota and Sons, Inc. The new owner occupies the first and third floors for storage of oil and service station supplies with remaining floors vacant.

The two 4,500 gallon water pressure tanks in roof house have been properly restored to service.

SUMMARY

CONSTRUCTION: GOOD. Masonry (joisted). Roof and majority of floors are heavy-wood plank on timber and steel supports. One, three and six stories, without basement. 12" and 16" plastered brick walls. Single fire division. Area - 15,000 sq. ft. Floor openings - unprotected. Concealed spaces - minor. Interior finish - mainly open. Age - built 1908. Repair - fair.

HAZARDS: MODERATE. Usual, satisfactorily arranged. Moderate amount of oil in one quart to 55 gallon containers stored on first and third floors. Small amount of tires stored on third floor. Overall hazard considered only moderate.

EXPOSURE: MODERATE. Two story masonry (joisted) gasoline station detached 55'.

PROTECTION -
Alarm Service: GOOD. Central station sprinkler flow alarm service. Inoperative electric sprinkler alarm.

Inside Manual: FAIR. Inadequate complement of portable fire extinguisher equipment of some value.

Outside: GOOD. Full city Class Three. Accessible wall openings for fire department operations.

Sprinkler: FAIR. Covers the entire risk. Wet pipe systems in service. GOOD two source water supply from connection to city main and two pressure tanks on roof.

ADMINISTRATION: FAIR. Housekeeping practices are satisfactory. Building maintenance - fair. Warehousing of cartoned oil is satisfactory, except lack of skids. No high piling. Waste material is promptly removed from the premises on a program basis. Smoking restricted to specific areas. Sprinkler maintenance is satisfactory. Recommendations receive attention.

Loss Record: No losses recorded in past five years.

HISTORY: The building was erected in 1908 and occupied as a furniture factory. In 1976, the building was purchased by the present owner for warehousing.

SPR. LEAKAGE: A wet pipe system equipped with inside control valves. Central station supervision flow only and inoperative local electric alarms on the sprinkler equipment. Contents are moderately susceptible to water damage. Stocks are unskidded. Building has been adequately heated.

EXT. COVERAGE: Windstorm - The risk grades superior wind-resistive. Brick stack extended 24' above roof. Two metal display signs located on the roof of the six story section appear well anchored.
Riot and Civil Commotion - There have been no riots in this section of the city in the past. Values located inside building. No watchman service. No other unusual features.

This property is on regular reinspection service. Inspections will continue at approximately 18 month intervals and a report will be issued following each inspection.

RECOMMENDATIONS

2. (1967) All stocks should be skidded.

3. (1973) Central station supervisory service should be extended to the sprinkler control valves. Local alarms should be repaired and placed in service.

4. (1973) Repairs should be completed for the unsound sprinkler trim.

. (1973) Portable fire extinguisher equipment should be made standard.

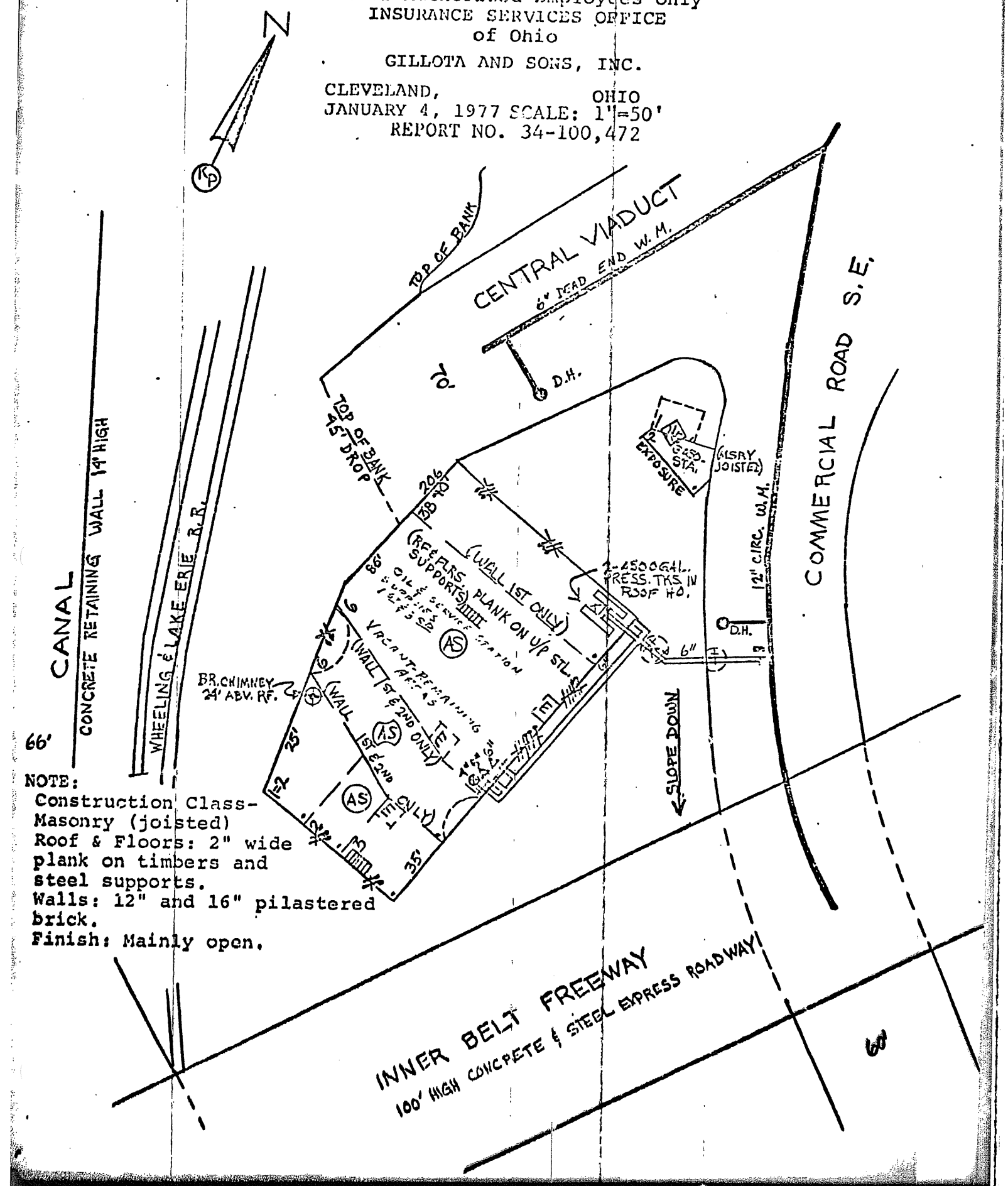
NB

C. E. Johnson,
Engineering Representative

CONFIDENTIAL
For Affiliated Companies and
Their Authorized Employees Only
INSURANCE SERVICES OFFICE
of Ohio

GILLOTA AND SONS, INC.

CLEVELAND, OHIO
JANUARY 4, 1977 SCALE: 1"=50'
REPORT NO. 34-100,472



NOTE:
Construction Class-
Masonry (joisted)
Roof & Floors: 2" wide plank on timbers and steel supports.
Walls: 12" and 16" pilastered brick.
Finish: Mainly open.

C of C 73-225

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY

DIVISION OF FIRE

Permit No. 23859. Fee $ 5.00 Date 11-23- 19 84

Expiration Date _____ 19 ____

Permit Application
For the Storing, Handling, Sales or Use of
Hazardous Substances

JAMES J. McNAMEE, Chief
Division of Fire

Applicant Gillette Inc

Location 300 Central Viz Dust
(NUMBER AND STREET)

Building Height ____ Stories 3 Area: ___ L ___ W ____ Construction 1-(2)-3-4 A-(B)-C

Occupancy _____ Other occupancy _____

One Application for each No. Item. List Kind and Quantity of Substance.

1. Calcium Carbide _____
2. Corrosive Liquids _____
3. Flammable Liquids: _____
   Class 1 _____
   Class 2 x36.000 # 1 Tuel 20000 # 2 Fuel
   Class 3 _____
4. Fume Hazard Gases _____
5. Moisture Hazards _____
6. Nitrocellulose Film _____
7. Pyroxlin Plastic _____
8. Tire Retg. & Rebldg. _____
9. Refinishing with Highly Flammable Liquids, i.e., bowling alleys, other assemblies _____
10. Dip tanks _____ Spray Booths _____ Spray Rooms _____
11. Unfired Pressure Vessels: L.P. ___ H. ___ O. ___ Acetylene ___ Other _____
12. Other Substances _____

STORAGE

Cabinets _____ Floor _____ Tanks Underground Vaults _____ Shelves _____

Sealed Containers _____ Dispensing _____

Use _____ Sales _____

Total Fee $ 100.00

CITY OF CLEVELAND
Department of Public Safety
Division of Fire

Permit # 5434

Date of Application 11/23/84

APPLICATION to INSTALL 5 TANKS for ALL SUBSTANCES, other than water, above ground ___ underground X inside ___ outside ___ other ___

300 Centrum Vaquet (LOCATION) Gillota Inc. (OCCUPANT) Tank spec's ASME ___ API ___ ICC ___ UL X Other ___

PIPING: type STEEL submerged ___ inline ___ remote ___. Valves req'd: ___ relief ___ excess flow ___ impact ___ internal check X other ___ swing line X

UNDERGROUND: Depth of fill cover (circle) 1½'; 2'; 2½'; (3') 4'. Type of fill cover: 6" CONCRETE Sand bed & fill, 6"; (12")

ABOVE GROUND: Dikes (state dimensions, capacity & material) N/A

Grounding arrangement: ___ support protection: ___

1 Tank(s) cap. 10,000 size 120"X17'2" gauge 5/16". Vent size 2½" normal emrg., arrestor req. X fill size 4" Fee $ 40.00 type ___

Distances to, lot line 16 street line 26 between tanks 2 building 4. Contents FUEL ident. ___

2 Tank(s) cap. 12,000 size 96"X32' gauge 5/16. Vent size 2½" normal emrg., arrestor req. ___ fill size 4" Fee $ 40.00 type ___

Distances to, lot line 40 street line 50 between tanks 2 building 4. Contents Fuel ident. ___

2 Tank(s) cap. 12,000 size 126"X19' gauge 5/16. Vent size 2½" normal emrg., arrestor req. ___ fill size 4" Fee $ 20.00 type ___

Distances to, lot line 30 street line 35 between tanks 2 building 4. Contents FUEL ident. ___

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained and to comply with all the ordinances of the City of Cleveland, the laws of the State of Ohio and all the rules and regulations of the State Fire Marshall, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, relating to the Storage of hazardous Substances.

Applicant [signature] SIGNATURE

Chief James J McNamee (CBA) Zoning: Map B Sh 4

per Chris J Lance, Capt FIRE PREVENTION BUREAU Use GENERAL INDUSTRY

Approved by [signature] DIVISION OF BUILDING

Installed by Gillota Inc Tel: ___

NOTE: If disapproved, draw line through signature space.

Remarks Will be installed in accordance with the Ohio Fire Code & N.F.P.A. #30. Separate permit is required for the product.

SITE plan on reverse side.

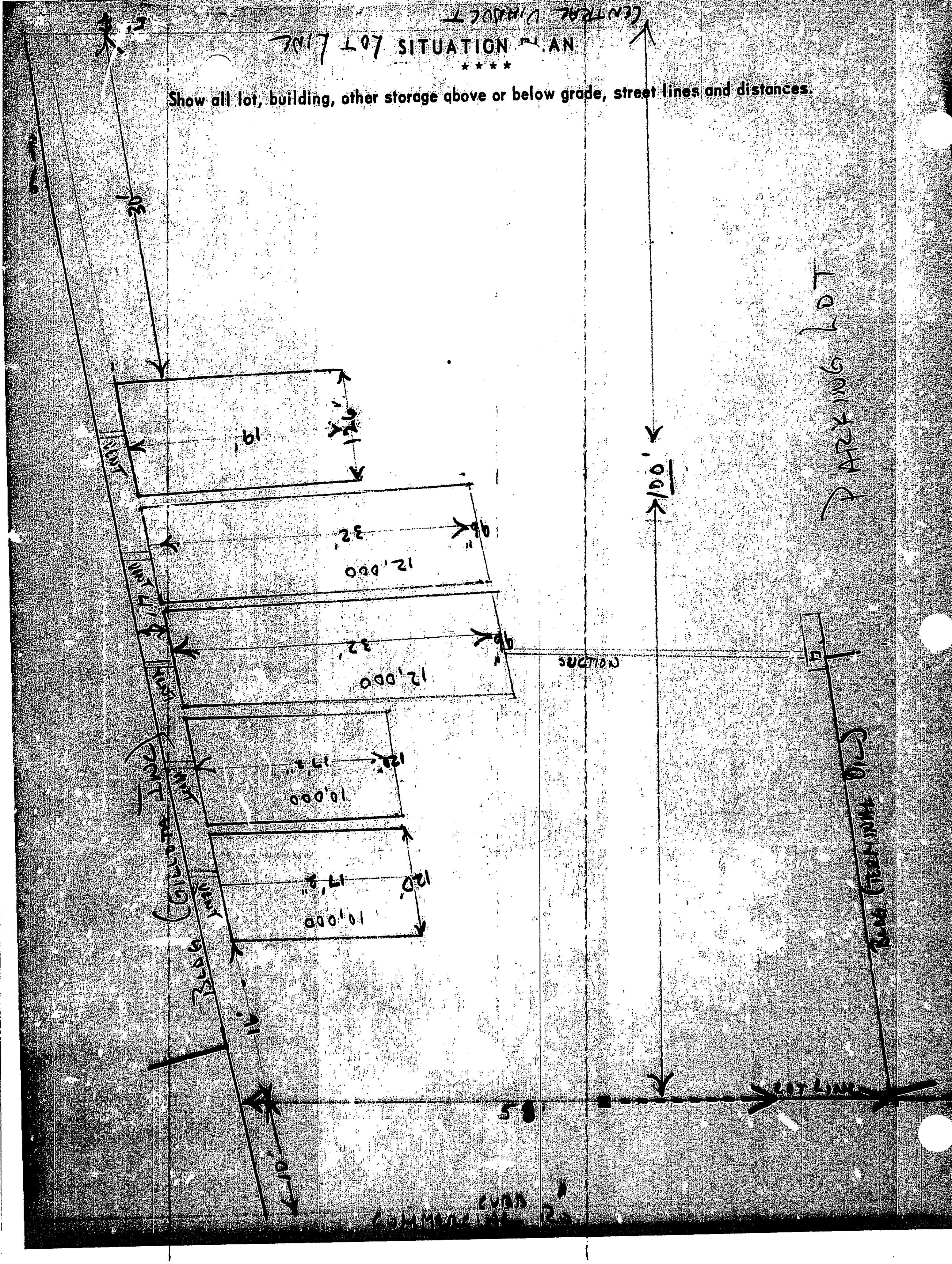
COF CT3-128 F.P.B. 4/1/64

8/26/68 - 3M

SITUATION PLAN

* * * *

Show all lot, building, other storage above or below grade, street lines and distances.



OHIO DEPARTMENT OF COMMERCE - DIVISION OF STATE FIRE MARSHAL
BUREAU OF UNDERGROUND STORAGE TANK REGULATIONS
7510 EAST MAIN STREET - P.O. BOX 525 - REYNOLDSBURG - OHIO - 43068-3395
(614) 752-8200

UNDERGROUND STORAGE TANK FACILITY REGISTRATION SUMMARY

PRINTED: 01/27/92

USTR ID#: 18-1368

COUNTY: CUYAHOGA

FACILITY	OWNER
TERMINAL OIL CO	GILLOTA & SON INC
300 CENTRAL VIADUCT	300 CENTRAL VIADUCT
CLEVELAND OH 44115	CLEVELAND OH 44115
FACILITY PHONE: 216-241-3419	

				PROTECTION			
UST	AGE	CAPACITY	MATERIAL	INTERNAL	EXTERNAL	SUBSTANCE	UST STATUS
1	47	20000	1 STEEL	2 UNLINED	1 COATED	1 GASOLINE	1 IN USE
2	47	12000	1 STEEL	2 UNLINED	1 COATED	1 GASOLINE	1 IN USE
3	10	8000	1 STEEL	2 UNLINED	1 COATED	6 OTHER PET	1 IN USE
4	2	12000	1 STEEL	2 UNLINED	3 CATH PROT	6 OTHER PET	1 IN USE
5	2	12000	1 STEEL	2 UNLINED	3 CATH PROT	6 OTHER PET	1 IN USE
6	2	12000	1 STEEL	2 UNLINED	3 CATH PROT	3 KEROSINE	1 IN USE
7	17	1500	1 STEEL	2 UNLINED	1 COATED	6 OTHER PET	1 IN USE
8	17	1500	1 STEEL	2 UNLINED	1 COATED	3 KEROSINE	1 IN USE
9	17	1500	1 STEEL	2 UNLINED	1 COATED	1 GASOLINE	1 IN USE
0	7	6000	1 STEEL	2 UNLINED	1 COATED	1 GASOLINE	1 IN USE
1	7	6000	1 STEEL	2 UNLINED	1 COATED	6 OTHER PET	1 IN USE
12	2	10000	1 STEEL	2 UNLINED	3 CATH PROT	3 KEROSINE	1 IN USE
13	2	10000	1 STEEL	2 UNLINED	3 CATH PROT	1 GASOLINE	1 IN USE
14	10	8000	1 STEEL	2 UNLINED	1 COATED	6 OTHER PET	1 IN USE
15	9	6000	1 STEEL	2 UNLINED	1 COATED	6 OTHER PET	1 IN USE
16	9	6000	1 STEEL	2 UNLINED	1 COATED	6 OTHER PET	1 IN USE
17	9	6000	1 STEEL	2 UNLINED	1 COATED	6 OTHER PET	1 IN USE
18	9	6000	1 STEEL	2 UNLINED	1 COATED	6 OTHER PET	1 IN USE

*** END OF FACILITY SUMMARY ***

FILE

CENTERIOR ENERGY

6200 Oak Tree Boulevard
Independence OH
216-447-3100

Mail Address:
P.O. Box 94661
Cleveland, OH 44101-4661

July 10, 1992

Gillota and Son, Inc.
300 Central Viaduct
Cleveland, OH 44115

Dear Sir:

Per our meeting of this date, the Centerior Energy Corporation has been conducting an investigation of possible subsurface environmental impairments on CEI property adjacent to 300 Central Viaduct. The results of this investigation indicate the presence of oil and trace amounts of gasoline to be present in the subsurface. Additionally, during a site visit on July 9, 1992, it was observed that water with a very strong odor of gasoline was flowing from a hole near the base of the stone wall, which separates our properties. This flow of water crossed our property in the general area in which trace gasoline product had been observed in the subsurface.

Based on this information, we have concluded that our property is being contaminated from an external source. We have also concluded that there are statutory reporting requirements connected with these observations. Per our meeting of this date, it is our understanding that these reporting requirements will be undertaken by Gillota and Son, Inc.

It is our hope that this matter can be resolved to our mutual satisfaction. To this end, we will make available to you or your representatives, information that we have collected on the site. Please feel free to contact me at 447-3148 if you have any further questions on this matter.

Sincerely,

Robert E. Ehasz, P.E.
Manager, Environmental Services
Environmental and Safety Department

JFS/mef

cc: Lt. Scott, Cleveland Fire Department
Corrective Action Unit (BUSTR)

CENTERIOR ENERGY

6200 Oak Tree Boulevard
Independence OH
216-447-3100

Mail Address:
P.O. Box 94661
Cleveland, OH 44101-4661

July 20, 1992

Division Of State Fire Marshal
B.U.S.T.R. Bureau
7510 East Main Street
Reynoldsburg, Ohio 43068-3395

Re: The Cleveland Electric Illuminating (CEI) Company
CEI Property adjacent to:
Terminal Oil Company
Gillota & Son, Inc.
300 Central Viaduct
Cleveland, Ohio 44115

Dear Sir / Madam,

This letter is to serve notification that property owned by The Cleveland Electric Illuminating (CEI) Company has been determined to have oil and gasoline contamination in the subsurface soil that are above corrective action levels (see Attachment #1).

Upon an initial site investigation by Centerior Environmental Services it was believed that there was possible subsurface environmental impairments on CEI property adjacent to 300 Central Viaduct. As a result of this investigation it was decided to contract Bowser-Morner Associates, Inc. to perform a subsurface site investigation prior to CEI constructing a cable tunnel through the site.

In the interim period, on a follow-up site investigation on July 9, 1992, visual observations were made of groundwater (containing what was subjectively considered a substantial quantity of gasoline) emanating from a brick wall (viaduct trestle) and running onto CEI property. Centerior Environmental Services personnel advised the operator, Gillota & Son, Inc., of the observation on July 10, 1992, and followed with written notifications to the B.U.S.T.R. Twinsburg Office and the Cleveland Fire Department.

On July 16, 1992, I discussed the above notification with Mr. Mazibur Rahman, B.U.S.T.R Twinsburg Office. Mr Rahman advised me that no follow-up notifications had been received from either the Cleveland Fire Department or the owner, Gillota & Son, Inc. Mr. Rahman also advised me to call the State Fire Marshal's Office in Reynoldsburg and make a formal report. The call was made to Tracey Cope of your office on July 16, 1992.

On that same day, July 16, 1992, the Bowser-Morner subsurface Site Investigation Report was received indicating gasoline and oil contamination at the site above corrective action levels. Upon receipt of the Bowser-Morner report, a second report was made (by phone) to your office.

I have since spoken to both the Cleveland Fire Department, and Mr. Mazibur Rahman, B.U.S.T.R. Twinsburg Office. From these conversations I have learned that further site investigations are being done to determine the source of gasoline contaminated groundwater flowing onto CEI property.

CEI wishes to take a proactive role in eliminating the source(s) of contamination and in taking corrective actions at the site. To enable it to do so, CEI requests to be included in all future communications.

If there are any questions concerning the information provided, please contact me (216) 447-3202.

Sincerely,

Albert F. Gephart

Albert F. Gephart
Centerior Environmental Services

AFG/afg

Attachments

cc: Gillota & Son, Inc.
T. Chambers, Cleveland Fire Department
M. Baier, Cuyahoga County Health Dept.
M. Rahman, BUSTR Twinsburg Office

Total Fee $ 200.00

CITY OF CLEVELAND
Department of Public Safety
Division of Fire

Permit # 0529

Date of Application 8-26-92

APPLICATION to REMOVE 4 TANKS for ALL SUBSTANCES, other than water, above ground ____ underground ✓ inside ____ outside ____ other ____

300 CENTRAL VIADUCT (LOCATION) GILLOTA INC. (OCCUPANT) Tank spec's ASME ____ API ____ ICC ____ UL ✓ Other ____

PUMPS: type SUCTION submerged ____ inline ____ remote ____. Valves req'd; ____ relief ____ excess flow ____ impact ____ internal check ✓ other ____ swing line ____

UNDERGROUND: Depth of fill cover (circle) 1½'; 2'; 2½'; 3'; 4'. Type of fill cover; SAND. Sand bed & fill, 6"; (12")
ABOVE GROUND: Dikes (state dimensions, capacity & material) ____

Grounding arrangement: ____ support protection: ____

1 Tank(s) cap. 20,000 size 10'6" X 31' gauge 1/4". Vent size 2", ____, arrestor req. ____ fill size 3" Fee $ 50.00
normal emrg. type
Distances to, lot line 20' street line 20' between tanks 2' building 14'. Contents FUEL ident. ____

1 Tank(s) cap. 12,000 size 10'6" X 19' gauge 1/4". Vent size 2", ____, arrestor req. ____ fill size 3" Fee $ 50.00
normal emrg. type
Distances to, lot line 22' street line 20' between tanks 2' building 14'. Contents GAS/UNLEADED ident. ____

2 Tank(s) cap. 1500 size 64" X 9' gauge 1/4". Vent size 1½", ____, arrestor req. ____ fill size 3 Fee $ 100.00
normal emrg. type
Distances to, lot line 25' street line 20' between tanks 2' building 16'. Contents GASOLINE PREM UNL ident. ____

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained and to comply with all the ordinances of the City of Cleveland, the laws of the State of Ohio and all the rules and regulations of the State Fire Marshall, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, relating to the Storage of hazardous Substances.

Applicant [signature] 10-89-0153 Chief WALTER ZIMMERMAN JR. Zoning: Map ____ Sh ____ –
SIGNATURE
per [signature] Use ____
FIRE PREVENTION BUREAU

Removed by GILLOTA INC Tel: 241-3428

Remarks TANK UPGRADE

C OF C 73-204 "B" F.P.B. 4/1/89

Total Fee $ 400.00

CITY OF CLEVELAND
Department of Public Safety
Division of Fire

Permit # 6517

Date of Application 8/27/92

APPLICATION to INSTALL 4 TANKS for ALL SUBSTANCES, other than water, above ground ____ underground ✓ inside ____ outside ____ other ____

300 CENTRAL VIADUCT (LOCATION) GILLOTA INC (OCCUPANT) Tank spec's ASME ____ API ____ ICC ____ UL ✓ Other ____

PUMPS: type SUCTION submerged ____ inline ____ remote ____. Valves req'd; ____ relief ____ excess flow ____ impact ____ internal check ____ other ____ swing line ____

UNDERGROUND: Depth of fill cover (circle) 1½'; 2'; 2½'; (3'); 4'. Type of fill cover; SAND / CONCRETE Sand bed & fill, 6"; (12").
ABOVE GROUND: Dikes (state dimensions, capacity & material) ____

Grounding arrangement: ____ support protection: ____

2 Tank(s) cap. 8000 GAL size 8' X 23' gauge STI P3. Vent size 2", ____, arrestor req. ____ fill size 4" Fee $ 200.00
Distances to, lot line 15'/24' street line 15'/24' between tanks 1' building 24'-17'. normal emrg. Contents FUEL / UNLEADED type ____ ident. ____

1 Tank(s) cap. 6000 GAL size 8' X 17' gauge STI P3. Vent size 2", ____, arrestor req. ____ fill size 4" Fee $ 100.00
Distances to, lot line 33' street line 33' between tanks 1' building 15'. normal emrg. Contents PREM type ____ ident. ____

1 Tank(s) cap. 4000 gal size 8' X 12' gauge STI P3. Vent size 2", ____, arrestor req. ____ fill size 4" Fee $ 100.00
Distances to, lot line 42' street line 42' between tanks 1' building 12'. normal emrg. Contents K-1 type ____ ident. ____

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained and to comply with all the ordinances of the City of Cleveland, the laws of the State of Ohio and all the rules and regulations of the State Fire Marshall, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, relating to the Storage of hazardous Substances.

Applicant [signature] (SIGNATURE) 10-89-0153 Chief WALTER ZIMMERER FC1 Zoning: Map ____ Sh ____ –

per Terry C Hanlin (FIRE PREVENTION BUREAU) Use ____

Installed by GILLOTA INC. Tel: 241-3428

Approved by ____ (DIVISION OF BUILDING)

NOTE: If disapproved, draw line through signature space.

Remarks HARCO TECHNOLOGIES (CORROSION ENGINEERING) SPILL / OVERFILL WILL BE INSTALLED

COFC73-226 F.P.B. 4/1/64

SITE plan on reverse side.

'26/68 - 3M

Total Fee $ 300.00

CITY OF CLEVELAND
Department of Public Safety
Division of Fire

Permit # 0535

Date of Application 9-16-92

APPLICATION to REMOVE 6 TANKS for ALL SUBSTANCES, other than water, above ground ____ underground X inside ____ outside ____ other ____

CEI PROPERTY ADJACENT TO 300 CENTRAL VIADUCT CLEVELAND (LOCATION) OH 44115

TERMINAL OIL CO. GILLOTA & SON, INC. (OCCUPANT)

Tank spec's ASME ____ API ____ ICC ____ UL ____ Other ____

PUMPS: type ____ submerged ____ inline ____ remote ____. Valves req'd; ____ relief ____ excess flow ____ impact ____ internal check ____ other ____ swing line ____

UNDERGROUND: Depth of fill cover (circle) 1½'; 2'; 2½'; (3') 4'. Type of fill cover; CEMENT / SOIL Sand bed & fill, 6"; 12".

ABOVE GROUND: Dikes (state dimensions, capacity & material) ____

Grounding arrangement: ____ support protection: ____

---

4 Tank(s) cap. 6,000 gallons size ____ gauge ____. Vent size ____, ____, arrestor req. ____ fill size ____ Fee $ 200.00
normal emrg. type Steel

Distances to, lot line ____ street line ____ between tanks ____ building ____. Contents USED OIL ident. ____

---

2 Tank(s) cap. 8,000 gallons size ____ gauge ____. Vent size ____, ____, arrestor req. ____ fill size ____ Fee $ 100.00
normal emrg, type Steel

Distances to, lot line ____ street line ____ between tanks ____ building ____. Contents USED OIL ident. ____

____ Tank(s) cap. ____ size ____ gauge ____. Vent size ____, ____, arrestor req. ____ fill size ____ Fee $ ____
normal emrg. type ____

Distances to, lot line ____ street line ____ between tanks ____ building ____. Contents ____ ident. ____

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained and to comply with all the ordinances of the City of Cleveland, the laws of the State of Ohio and all the rules and regulations of the State Fire Marshall, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, relating to the Storage of hazardous Substances.

Applicant Albert F. Gyhart (SIGNATURE)
6200 Oaktree Blvd.
Independence, Ohio 44131

Chief (TC) WALTER ZIMMERER per Terry A. Scalera (FIRE PREVENTION BUREAU)

Zoning: Map ____ Sh ____ – Use ____

Removed by Independence Excavating, Inc. Tel. (216) 524-1700
5720 Schaaf Rd., Independence, Ohio 44131

Remarks Supervisor Certification: Mr. Nick DiGeronimo, #10-92-1958

C OF C 73-2 F.P.B. 4/1/89

UNDERGROUND STORAGE TANK REPLACEMENT ASSESSMENT REPORT

FOR

GILLOTA, INCORPORATED
300 CENTRAL VIADUCT
CLEVELAND, OHIO 44115

Prepared For:
Gillota, Incorporated
300 Central Viaduct
Cleveland, Ohio 44115

Prepared By:
O'Brien Technical Services, Inc.
34665 Miles Road
Cleveland, Ohio 44022

Phone: (216) 349-3151
Fax: (216) 349-4540

September 25, 1992

1.0 DISCUSSION

Gillota, Incorporated, site of the service station underground storage tank (UST) replacements, is located in Cuyahoga County at 300 Central Viaduct in Cleveland, Ohio, (see Exhibit 1, Figure 1). The area is characterized by light and heavy industry and commercial businesses. The nearest residential dwelling is located within 1/4 mile of the site, however there are no residential groundwater wells in use in Cuyahoga County near this site. Public drinking water is supplied by the City of Cleveland. The source for this water supply is Lake Erie which is located approximately 1 1/4 miles to the north of the site. The Cuyahoga River, which flows into Lake Erie, is located 1000 feet to the west of the site.

UST removal activities were performed at the site on August 29, 1992 by Gillota Inc. and were witnessed by Inspector Terry Chambers of the Cleveland Fire Department's Fire Prevention Bureau. There was no inspector from the Ohio Department of Commerce, State Fire Marshal's Office in attendance. O'Brien Technical Services, Inc. (OTS) was contacted after the closure activities in order to prepare the UST Closure Report.

The actual UST excavation zone was located on the north side of Gillota's service station building (see Exhibit 1, Figure 2). Four (4) steel petroleum UST tanks along with associated pump islands and piping were removed from a single excavation cavity and replaced.

Visual Site Evaluation

Visual inspection of the site prior to performing the removal and replacement activities revealed that the site is entirely covered in concrete with much asphalt patching and replacement of aged or broken concrete over the years. There was no evidence of previous line or pump island replacement at the site. No exposed soil is present at the site. Staining of the concrete appeared to be limited to the expected historical droppings from vehicle engines and oil pans during fueling at the service station site. There was minor staining evidence of historic product spillage at the UST fill port openings. This staining was limited to zones approximately one (1) foot in diameter that encompassed the fill caps.

Geologically, this site is located on a buried valley which is very deep. Subsurface strata in this area consists of sand, gravel and sandy clay. The Loewenthal Well Log Site (see Exhibit 2) lies 75 feet below the Gillota, Inc. site, and it is 173 feet to bedrock at this site. Therefore, it is approximately 250 feet to bedrock (Chagrin Shale) at the Gillota site.

2.0 UST REMOVAL

The following petroleum product tanks along with dispenser islands and piping runs were removed from the Gillota, Inc. service station on August 29, 1992:

Tank #	Size LxD	Construction Material	Volume (Gallons)	Petroleum Product	Tank Age
1	9' x 5'	Steel	1,500	Premium Unleaded	Unknown
2	9' x 5'6"	Steel	1,500	Premium Unleaded	Unknown
3	20'6" x 9'6"	Steel	12,000	Regular Unleaded	Unknown
4	34' x 10'	Steel	20,000	Diesel Fuel	Unknown

The tanks are in an area characterized by loose fill material which probably consists, in part, of steel mill foundry sand. The fill material underneath and on the sides of the tanks was consistent with the previously described soil (fill material) at the site. The tanks had been drained of product and residue prior to the removal activities. No water or product was present in any of the UST systems.

As stated, the UST removals occurred on August 29, 1992. UST removal activities were performed by Mr. John Gillota of Gillota, Inc. Upon arriving at the site overlying concrete was removed. Soil was excavated from the top and sides of the tanks in order to facilitate the removal process. The overlying concrete, asphalt and soil was staged on visqueen plastic at the site.

Sufficient dry ice was placed in each UST in order to vent any residual fumes. Measurement of vapors with a Gas Tech II Explosive Atmosphere Meter indicated that vapor levels were below explosive concentration limits prior to commencement of each tank removal and were witnessed by Cleveland Fire Department Inspector Terry Chambers.

The tanks were then removed in the presence of Inspector Chambers. Other than some discolored soil at the fill ports and pump dispenser areas, no evidence of tank pump or line leakage was observed through the course of the excavation activities. This historic overspillage of product at the site resulted in removal and disposal of 12 cubic yards of soil and fill sand. The tanks were removed from the excavation cavity without incident. The tank cavity final dimensions measured approximately 45 feet by 35 feet with a depth of 9 feet under tanks #1 & #2 and a depth of 12 feet under tanks #3 & #4. No groundwater was encountered in the excavation process (see Exhibit 1, Figure 3).

Upon removal from the excavation cavity all tanks were found to be in good condition. Visual inspections documented each tank with surfaces free of corrosion or holes. There was no evidence of pump or supply line leakage from any of the UST systems.

The tanks were loaded and transported off-site for disposal at East 79th Scrap and Auto Wrecking. Ten (10) loads of broken concrete and asphalt were disposed of at Granger Materials in Cleveland, Ohio. On September 4, 1992 the soil sample analytical test results

2.0 UST REMOVAL (Cont.)

revealed minimal presence of petroleum hydrocarbons in the soil. Four (4) UST's were installed to replace the tanks that were removed (see Exhibit 1, Figure 4). The new tank specifications are as follows:

Tank #	Construction Material	Volume Gallons	Fill Material	Petroleum Product	Monitoring or Protection
1	Coated Steel, STI P-3	4,000	Sand	K-1 Fuel	Cathodic
2	Coated Steel, STI P-3	6,000	Sand	Gasoline	Cathodic
3	Coated Steel, STI P-3	8,000	Sand	Diesel Fuel	Cathodic
4	Coated Steel, STI P-3	8,000	Sand	Gasoline	Cathodic

The remainder of the excavation cavity was backfilled on September 4, 1992 with fill sand and topped with loose gravel.

5.0 PERTINENT DATA

5.1 Removal Date — Installation Date

August 29, 1992 — September 4, 1992

5.2 Removal/Installation Contractor

Gillota, Incorporated
300 Central Viaduct
Cleveland, Ohio 44115

Phone: (216) 241-3428

5.3 Contractor's State Certification

GILLOTA, INCORPORATED
John Gillota, Installer ID 10-89-0153, Exp. 1/8/93

5.4 Tank Sizes Removed

2 - 1,500 gallon steel, gasoline
1 - 12,000 gallon steel, gasoline
1 - 20,000 gallon steel, diesel fuel

Tank Sizes Installed

1 - 4,000 gallon, K-1 fuel
1 - 6,000 gallon, gasoline
1 - 8,000 gallon, gasoline
1 - 8,000 gallon, diesel

5.5 Sample Collector

Mr. Philip Marek
Nozzle New, Inc.

5.6 Sample Method

See Section 4.0

5.7 Sample Preservation

See Section 4.0

5.0 PERTINENT DATA (Cont.)

5.8 Analytical Laboratory

CasChem Laboratories, Inc.
1712 11th Street, N.E.
Canton, Ohio 44705

Phone: (216) 588-8378
Fax: (216) 588-8412

5.9 Laboratory Contact

Ms. Sue Maier

5.10 Fire Inspector

Inspector Terry Chambers
Cleveland Fire Department
Fire Prevention Bureau

5.11 Tank Disposal

E. 79th Scrap and Auto Wrecking
Cleveland, Ohio

5.12 Soil Disposal

A&B Refuse
Kent, Ohio

5.13 Concrete/Asphalt Disposal

Granger Materials
Cleveland, Ohio

6.0 CONCLUSION

To summarize, the following activities occurred at the Gillota, Incorporated service station located at 300 Central Viaduct, Cleveland, Ohio 44115

8/26/92	UST closure notification letter sent to BUSTR.
8/26/92	Cleveland Department of Public Safety issues Permit for Removal of UST's.
8/29/92	Four (4) UST's with associated pump dispensers and piping removed.
8/29/92	Soil samples from excavation collected and shipped to analytical laboratory.
9/04/92	Analytical results reported.
9/04/92	Four (4) UST's installed and, site filled. City Inspector witnesses installation.
9/04/92	Concrete, asphalt and soil disposed of.
9/25/92	UST Replacement Assessment Report issued.

As mentioned in this report, the UST removal activities resulted in the removal and replacement of four (4) UST systems and occurred without incident. It is the opinion of O'Brien Technical Services, Inc., based solely on soil test results and information provided by the State Certified UST Installation Contractor, that the replacement was performed in an appropriate manner and that risk to human health, safety and the environment is negligible or non-existent at this site.

N

BRICK BUILDING

STONE ABUTMENT

RAISED CONCRETE

TANK 1 6000 GAL.

TANK 2 6000 GAL.

TANK 3 6000 GAL.

TANK 4 6000 GAL.

TANK 5 8000 GAL.

TANK 6 8000 GAL.

PROPERTY LINE

BM. FLOOR EL. AT DOOR 630.62

RAISED CONCRETE

CONCRETE

#22

#24

A

#23

#16

#26

#27

APPROX. LOCATION 30' PROPOSED EASEMENT LIMITS

#28

#19

#10

#25

CONCRETE

METAL SHED

#17

#18

#11

#20

#21

TANK 6 8000 GAL.

12" CONCRETE COVER

EDGE OF RAISED CONCRETE

4'

3'

8'

3" FILL PIPE

DETAIL A
NTS

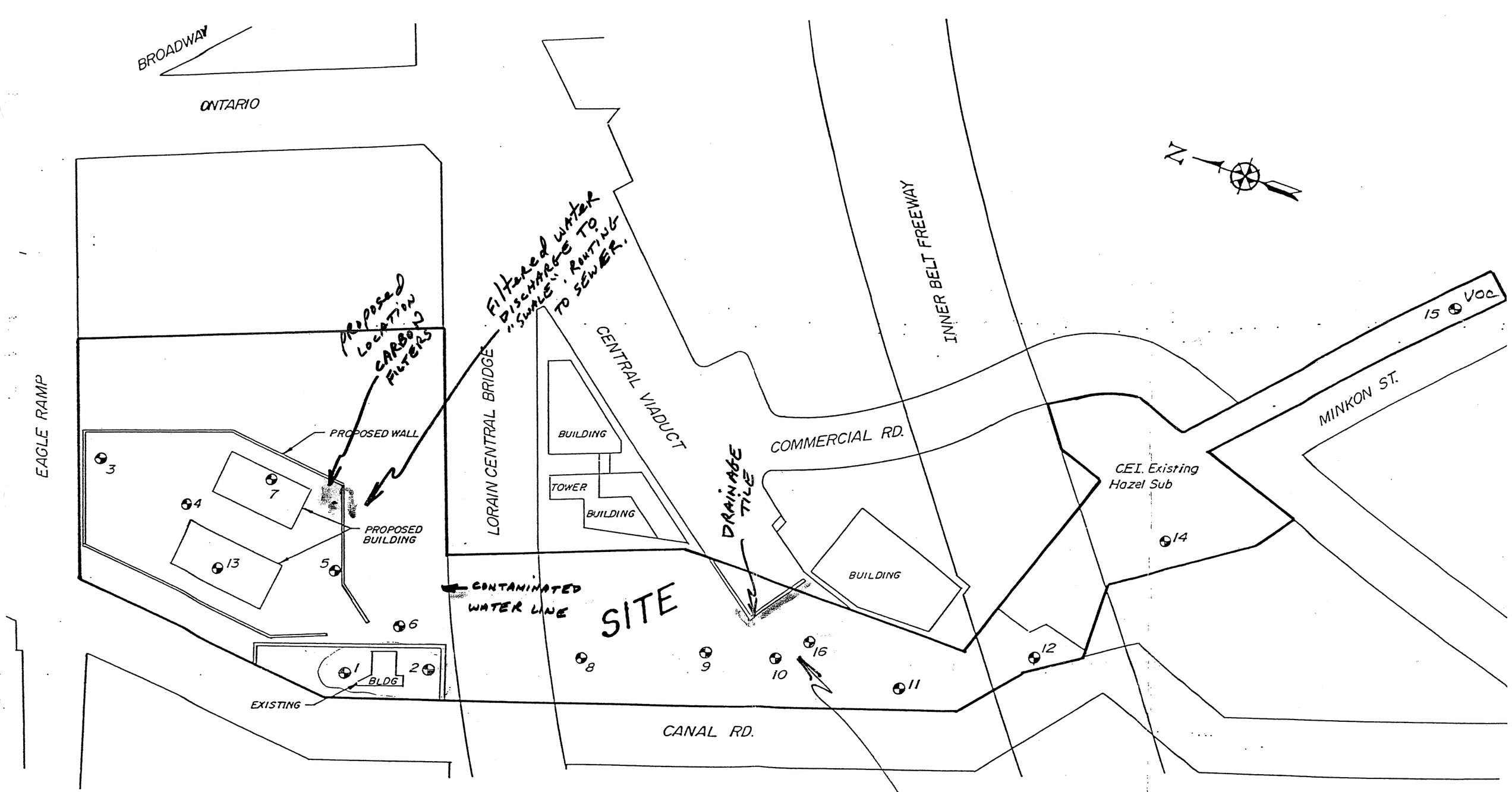
LEGEND

- BORINGS PERFORMED AUGUST 1990
- 3" FILL PIPE LOCATIONS
- JUNE 1992 SOIL BORINGS
- UNDERGROUND STORAGE TANK (TYPICAL U.S.T.)
- POSSIBLE METAL OR U.S.T.

BOWSER MORNER — DAYTON, OHIO • TOLEDO, OHIO • LEXINGTON, KY.

U.S.T. & BORING LOCATION PLAN.

DRAWN BY TE	DATE 6-23-92	HORIZON SUBSTATION CLEVELAND, OHIO
APPROVED BY	DATE	
SCALE 1"=16'	FIGURE NO. 2	PROJECT NO. 74402



UST EXCAVATION

Date: 8-28-90
Job No. 73008

Scale: 1"=100'

NOTE:
These boring locations are relative positions and are not to be scaled for engineering purposes. Centerior Energy surveyed the locations.

BORING LOCATION PLAN
CENTERIOR, CLEVELAND

FIGURE NO. 2

BOWSER MORNER

CENTERIOR ENERGY

6200 Oak Tree Boulevard
Independence OH
216-447-3100

Mail Address:
P.O. Box 94661
Cleveland, OH 44101-4661

300 CENTRAL VIADUCT

September 28, 1992

Mr. Terry Chambers
Fire Prevention Bureau
Cleveland Fire Department
1645 Superior Avenue
Cleveland, OH 44114

RE: Underground Storage Tanks
Canal Road

Dear Mr. Chambers:

The Cleveland Electric Illuminating Company has entered into an agreement with Gillota Inc., whereby the Company will remove and dispose of underground storage tanks and perform the necessary environmental remediation of the property at CEI's sole cost and expense.

Very truly yours,

David E. Burke
Attorney at Law
(216) 447-2196

DEB:kac

cc: Donna Sherlock

DATE: OCTOBER 23, 1992

TIME: _____

TANK INSTALLATION/REMOVAL ROUTING FORM

LOCATION: 300 CENTRAL VIA DUCT FACILITY: GILOTTA

____ A/G TANKS SIZE & NUMBER: _____

X U/G TANKS SIZE & NUMBER: 4,000 gal steel (1), 6,000 gal. steel (2)

CONTRACTOR: INDEPENDENCE EXACAVATING INC. 5770 SCHAFF RD. INDEPENDENCE, OHIO

INSPECTOR (S): ROBERT GRACE

SITE CONDITIONS:

X a. General Safety (Source of Ignition, etc.)

X b. Tanks empty of product [note type of product(s)] YES! GASOLINE & DIESEL FUEL!

X c. Tanks purged (How?) DRY ICE

X d. Conditon of tank(s): POOR

X e. Contamination: YES! PRODUCT WAS FOUND THRU-OUT THE SITE!

____ f. Permits (Tank Installation/Haz. Sub.) _____

Voided? _____ Permit No.(s). _____

REMOVAL PERMIT #0535

REMARKS: I WITNESS THE REMOVAL OF THREE (3) UNDERGROUND TANKS AT THIS SITE SAMSEL SERVICES TOOK SOIL SAMPLES AND CLEAN TANKS.

Robert Grace FGF

FPB revised 1/16/90

DATE: OCTOBER 26, 1992

TIME: _____

TANK INSTALLATION/REMOVAL ROUTING FORM

LOCATION: 300 CENTRAL VIA DUCT FACILITY: GILOTTA

____ A/G TANKS SIZE & NUMBER: _____

_____

__X__ U/G TANKS SIZE & NUMBER: 8,000 gal steel (3).

_____

CONTRACTOR: INDEPENDENCE EXACAVATING INC. 5770 SCHAFF RD. INDEPENDENCE|| OHIO

_____

INSPECTOR (S): ROBERT GRACE

_____

SITE CONDITIONS:

__X__ a. General Safety (Source of Ignition, etc.)

__X__ b. Tanks empty of product [note type of product(s)] YES! GASOLINE & DIESEL FUEL!

_____

_____

__X__ c. Tanks purged (How?) DRY ICE

_____

__X__ d. Conditon of tank(s): POOR!

_____

__X__ e. Contamination: YES! PRODUCT WAS FOUND THRU-OUT THIS SITE!

_____

____ f. Permits (Tank Installation/Haz. Sub.) _____

_____

Voided? _____ Permit No.(s). _____

REMOVAL PERMIT #0535

REMARKS: I WITNESS THE REMOVAL OF THREE (3) UNDERGROUND TANKS AT THIS SITE!

SAMSEL SERVICES TOOK SOIL SAMPLES AND CLEAN TANKS.

_____

Robert Grace FCF

FPB revised 1/16/90

CITY OF CLEVELAND
DIVISION OF FIRE
FIRE PREVENTION BUREAU

10/27/92

300 Central Viaduct Gillota Inc. Partial

Reinspected the tank excavation area along with Reggie Brown from the OEPA. Mr. Albert Gephart from Centerior Energy and Mr. John Gillota from Gillota Inc. were also present.

At issue is the migration of water into the excavated u/g tank cavity at the rear of this property. The infiltration of water is adding to the clean-up efforts that is being undertaken by Centerior Energy with regard to the tank removal project. The water appears to be coming from the base of the old Central Viaduct and the source is thought to be from a leaking water main up above this area. An inspection of this area up above on the old Central Viaduct revealed percolating water on the street surface. The City Water Dept. conducted an on site test of the surface water on the street and it prove positive for chlorine, which would be indicative of City water.

The immediate options for abatement include:

1. Locate and correct the source of the water leak. The Water Dept. will be contacted for their assistance.
2. Centerior Energy will install a clay liner and water collection/separator tank in order to channel and collect any contaminated water. The effluent will undergo treatment (carbon filters) prior to discharge into the sewer. OEPA and/or NEORS will monitor the discharged water depending weather a storm or combined sewer is involved.

Mark J. Scott, Lt.

Mark J. Scott, Lt.

FPB Haz-Mat file
file

Ohio Department of Commerce
George V. Voinovich, Governor
Division of State Fire Marshal • Bureau of Underground Storage Tank Regulations
Nancy S. Chiles, Director
9221 Ravenna Road, Suite D7-D8 • Twinsburg, OH 44087 • (216) 425-9848

June 15, 1993

John Gillota, Jr.
Gillota & Sons, Inc.
300 Central Viaduct
Cleveland, OH 44115

RE: Terminal Oil Company
300 Central Viaduct
Cleveland, OH 44115
Cuyahoga County
Incident #1821755-02

Dear Mr. Gillota:

The State Fire Marshal received a tank closure report from the Cleveland Electric Illuminating (CEI) Company on April 13, 1993. The State Fire Marshal has reviewed this report, as well as other reports in the file. The information in the file indicates that there is residual contamination at the site due to the release of petroleum product from the underground storage tank system(s).

While reviewing the file the following information was found:

A. Subsurface and Underground Storage Tank Investigation

The subsurface investigation report was submitted on November 23, 1992. During this investigation boring #17 through #28 were advanced. The soil samples from boreholes #17, #18, #19, #22, #23, #24, and #25 indicated high concentrations of BTEX and TPH. A groundwater sample was not analyzed during this investigation and the site assessment was not completed.

B. Final Closure Report

The final report contained i) a subsurface investigation report ii) a closure report for 6 tanks at Horizon substation and iii) a groundwater sampling and analysis result. The subsurface investigation report indicates groundwater at 10′ depth. During tank removal activities the tank cavity was excavated twice and soil sampling was done in 2 events. The first round of soil sampling indicated residual contamination as follows at 16′-20′ depth:

#3795 - 11,000 ppb benzene
#3868 - 3,600 ppb benzene
#3869 - 5,600 ppb benzene

Since the initial site investigations indicated contamination at sample locations #19 (14′-16′), #22 (2′-4′), and the extent of contamination was not known around these locations, you are required to perform soil core sampling in native soil around these locations to confirm that the contamination has not migrated further from these locations. Although the second

round of soil sampling did not detect any contamination at 24' depth, the horizontal extent of contamination is unknown.

C. Groundwater and Seepage Water

The laboratory analysis of seepage water from the upper property to the lower indicated 3,000 ppb benzene. The ground water sample was collected by hydropunch from within the auger. This sample was disturbed during drilling activities; therefore, the test result is inconclusive. You are required to analyze the groundwater sample from the first saturated zone which should be sampled following the standard protocol.

Please address the above-mentioned deficiencies and submit the information on or before September 16, 1993 to complete the evaluation of the site.

To assist you in understanding the corrective action activities required by the State Fire Marshal, I have enclosed an order form for obtaining the complete UST rules and guidance documents related to petroleum UST suspected release investigations and corrective actions.

When soil and groundwater samples are to be collected and analyzed, certain protocols are to be followed. These protocols include those described in the State Fire Marshal "Corrective Action Guidance Document". At a minimum these guidelines must be followed in order for sample results to be considered valid.

To assist our office in expediting a review of your correspondence please reference the incident number (1821755-02) and place it in the right hand corner of all your correspondence. Thank you for your cooperation, and if you have any questions regarding this matter, please call me at (216) 487-1176.

Sincerely,

Libby Hauschildt
Corrective Actions Supervisor

LH:AKM:sk

Enclosure

cc: File #1821755-02
Rick Melendez, Cleveland Health Department
Terry Chambers, Cleveland Fire Department
Albert Gephart, CEI

Ohio Department of Commerce
George V. Voinovich, Governor
Division of State Fire Marshal • Bureau of Underground Storage Tank Regulations
Nancy S. Chiles, Director
9221 Ravenna Road, Suite D7-D8 • Twinsburg, OH 44087 • (216) 425-9848

June 15, 1993

John Gillota, Jr.
Gillota & Sons, Inc.
300 Central Viaduct
Cleveland, OH 44115

RE: Terminal Oil Company
300 Central Viaduct
Cleveland, OH 44115
Cuyahoga County
Incident #1821755-01

Dear Mr. Gillota:

The State Fire Marshal received your tank closure report on October 7, 1992. This report, as well as other information in the file, has been reviewed. The information in the file indicates that the closure report is deficient.

While reviewing the file it was found that the tanks were removed on August 29, 1992, and it was regulated by Ohio Administrative Code (OAC) §1301:7-7-36 and petroleum underground storage tank closure assessment requirements of July 1990. During the tank closure soil samples were not taken from the ends of the tanks, pumps islands and other suspected locations. Only one soil sample was taken from the center of each tank. The report did not include the description of the soil sampling method. The laboratory analysis of soil samples was done without QA/QC. Based on this fact, the soil analysis result is not acceptable. Your photo plate #5 indicates that the pump island was located away from the tanks but it was mentioned in the report that the pump island and piping were directly above the tanks.

Please address the above-mentioned deficiencies and submit the information with the soil disposal documentation on or before August 2, 1993.

To assist you in understanding the corrective action activities required by the State Fire Marshal, I have enclosed an order form for obtaining the complete UST rules and guidance documents related to petroleum UST suspected release investigations and corrective actions.

When soil and groundwater samples are to be collected and analyzed, certain protocols are to be followed. These protocols include those described in the State Fire Marshal "Corrective Action Guidance Document". At a minimum these guidelines must be followed in order for sample results to be considered valid.

To assist our office in expediting a review of your correspondence please reference the incident number (1821755-01) and place it in the right hand corner of all your correspondence. Thank you for your cooperation, and if you have any questions regarding this matter, please call me at (216) 487-1176.

Sincerely,

Libby Hauschildt
Corrective Actions Supervisor

LH:AKM:sk

Enclosure

cc: File #1821755-01
Rick Melendez, Cleveland Health Department
Terry Chambers, Cleveland Fire Department

Total Fee $ 100.00

CITY OF CLEVELAND
Department of Public Safety
Division of Fire

Permit # 0690

Date of Application 10-5-93

APPLICATION to REMOVE 2 TANKS for ALL SUBSTANCES, other than water, above ground ____ underground ✓ inside ____ outside ____ other ____

NORFOLK & WESTERN
300 CENTRAL VIADUCT CLEVELAND OH. Tank spec's ASME ____ API ____ ICC ____ UL ____ Other ____
(LOCATION) (OCCUPANT)

PUMPS: type — submerged X inline — remote —. Valves req'd: — relief — excess flow — impact — internal check —
other ____ swing line ____

UNDERGROUND: Depth of fill cover (circle) 1½'; 2'; 2½'; 3'; 4'. Type of fill cover; —— Sand bed & fill, 6"; 12".
ABOVE GROUND: Dikes (state dimensions, capacity & material) —

Grounding arrangement: ____ support protection: ____

1 Tank(s) cap. 6000 gal size 8'x16' gauge —. Vent size 2" normal, ____ emrg., arrestor req. — fill size — Fee $ 50.00
Distances to, lot line ____ street line ____ between tanks ____ building ____. Contents DIESEL type STEEL ident. ____

1 Tank(s) cap. 6000 gal size 8'x16' gauge —. Vent size 2" normal, ____ emrg., arrestor req. — fill size — Fee $ 50.00
Distances to, lot line ____ street line ____ between tanks ____ building ____. Contents DIESEL type STEEL ident. ____

____ Tank(s) cap. ____ size ____ gauge ____. Vent size ____ normal, ____ emrg., arrestor req. ____ fill size ____ Fee $ ____
Distances to, lot line ____ street line ____ between tanks ____ building ____. Contents ____ type ____ ident. ____

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained and to comply with all the ordinances of the City of Cleveland, the laws of the State of Ohio and all the rules and regulations of the State Fire Marshall, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, relating to the Storage of hazardous Substances.

Applicant Phillip Bolyard (SIGNATURE) Chief Edward C. Hess Zoning: Map ____ Sh ____ —

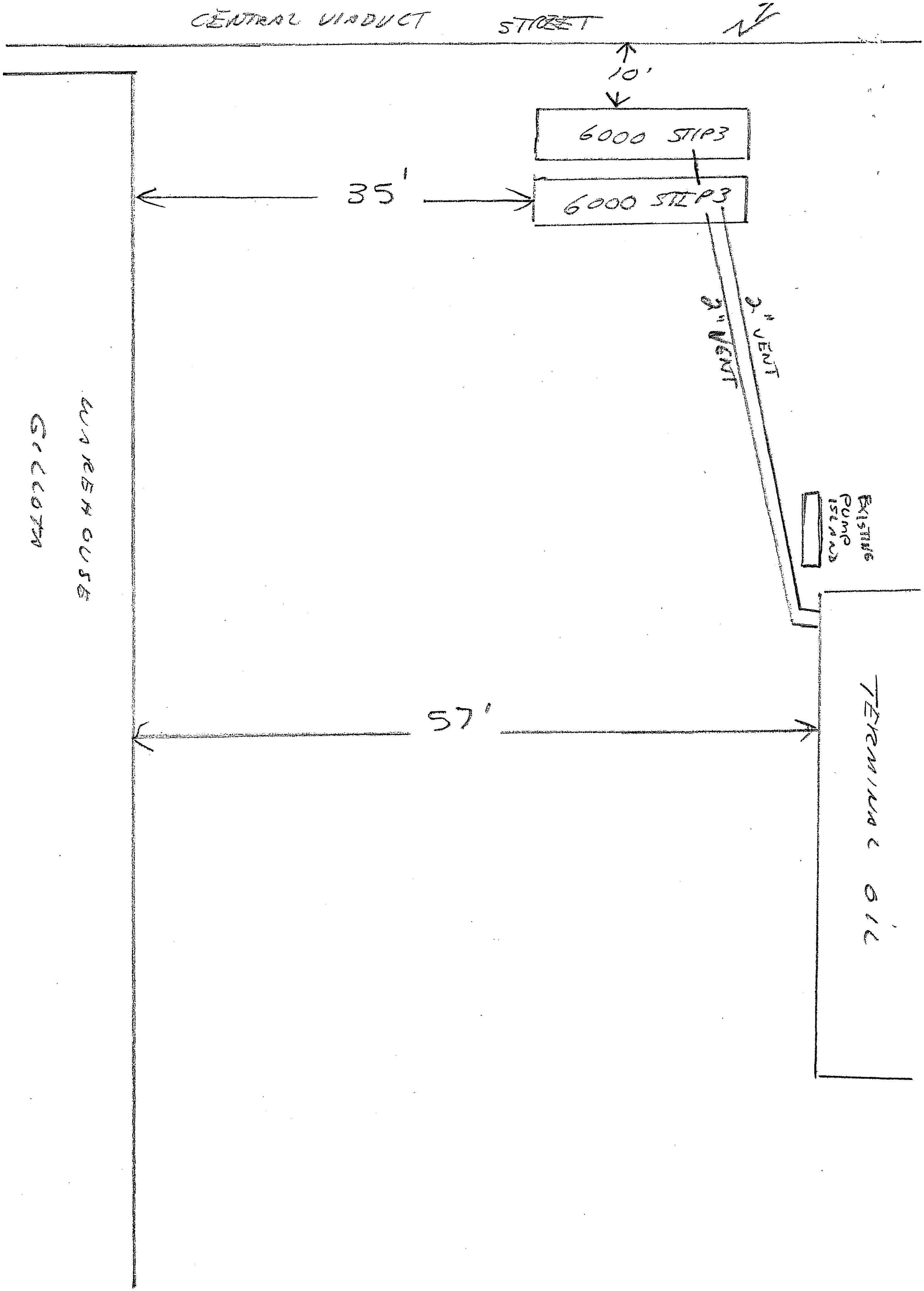
NORFOLK & WESTERN per Terry C. Hanlon (FIRE PREVENTION BUREAU) Use ____

Removed by TANK TECH ENVIRONMENTAL Tel: 419-422-1212

1704 GAY AVE., FINDLAY, OH 45840 CERTIFICATION # 10-90-0496

Remarks L.E.L. & OXYGEN LEVEL WILL BE MONITORED AT ALL TIMES. VAC TRUCK WILL REMOVE LIQUIDS & SLUDGES. TANKS WILL BE HIGH PRESSURE POWER WASHED WITH WATER & STEAM.

C OF C 73-2 F.P.B. 4/1/89


CENTRAL VIADUCT STREET
N
10'
6000 STIP3
6000 STIP3
35'
2" VENT
2" VENT
EXISTING PUMP ISLAND
WAREHOUSE
57'
TERMINAL OIL

Total Fee $300.00

CITY OF CLEVELAND
Department of Public Safety
Division of Fire

Permit # 0914

Date of Application 5-11-95

APPLICATION to REMOVE 6 TANKS for ALL SUBSTANCES, other than water, above ground ____ underground X inside ____ outside ____ other ____

300 Central Viaduct (LOCATION) Gillotta Inc (OCCUPANT) Tank spec's ASME ____ API ____ ICC ____ UL X Other ____

PUMPS: type Suction submerged ____ inline ____ remote ____. Valves req'd; ____ relief ____ excess flow ____ impact ____ internal check ____ other ____ swing line ____

UNDERGROUND: Depth of fill cover (circle) 1½'; 2'; 2½'; (3'); 4'. Type of fill cover; Sand Sand bed & fill, 6"; (12")
ABOVE GROUND: Dikes (state dimensions, capacity & material) ____

Grounding arrangement: ____ support protection: ____

3 Tank(s) cap. 12,000 size 96" X 32' gauge UNK. Vent size 2½, arrestor req. ____ fill size 4" Fee $ ____
Distances to, lot line 80' street line 80' between tanks 1' building 6'. Contents Fuel normal emrg. type ____ ident. ____

2 Tank(s) cap. 10,000 size 120" X 18' gauge UNK. Vent size 2½, ____, arrestor req. ____ fill size 4" Fee $ ____
Distances to, lot line ____ street line ____ between tanks ____ building 6'. Contents Gasoline normal emrg. type ____ ident. ____

1 Tank(s) cap. 1000 size 48" X 11 gauge UNK. Vent size 1", ____, arrestor req. ____ fill size 2" Fee $ ____
Distances to, lot line 30' street line 114' between tanks 4' building 8'. Contents Fuel normal emrg. type ____ ident. ____

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained and to comply with all the ordinances of the City of Cleveland, the laws of the State of Ohio and all the rules and regulations of the State Fire Marshall, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, relating to the Storage of hazardous Substances.

Applicant [signature] SIGNATURE Chief William Lee (TC) Zoning: Map ____ Sh ____ –

per [signature] FIRE PREVENTION BUREAU Use ____

Removed by Gillotta Inc Tel: 216-241-3428

10-89-D153

Remarks ____

C OF C 73-2[illegible] F.P.B. 4/1/89

COMMERCIAL
Driveway
57'
10000
10000
12 000
12 000
12 000
1000
25'
106
WARE HOUSE
GILLOTTA
SUCTIONS
CENTRAL LINCOLN
N

UNDERGROUND STORAGE TANK CLOSURE ASSESSMENT REPORT

FOR

GILLOTA, INCORPORATED 300 CENTRAL VIADUCT CLEVELAND, OHIO 44115

Prepared For:
Gillota, Incorporated
300 Central Viaduct
Cleveland, Ohio 44115

Prepared By:
O'Brien Technical Services, Inc.
34665 Miles Road
Cleveland, Ohio 44022

Phone: (216) 349-3151
Fax: (216) 349-4540

July 24, 1995

1.0 DISCUSSION

The Gillota, Inc. property, site of the underground storage tank (UST) closures, is located in Cuyahoga County at 300 Central Viaduct in Cleveland, Ohio (see Exhibit 1, Figure 1). The area is characterized by heavy industry and commercial businesses. The nearest residence is located over 1000 feet from the site and there are no residential groundwater wells in use in Cuyahoga County near this site. Public drinking water is supplied by the City of Cleveland whose source for this water supply is Lake Erie which is located over 1 mile to the northwest of the site. There is no potable water supply known to be currently in use within 1,000 feet of this UST excavation site. For purposes of the Site Feature Scoring System (SFSS) this site will be scored 20 points for Site Feature #1, "> 1000 feet".

The depth to groundwater is unknown at this site, therefore, for purposes of the SFSS, Site Feature #2 will be scored 10 points, "15-30 Feet or unknown".

Visual Site Evaluation

A visual site evaluation was conducted by O'Brien Technical Services, Inc. personnel prior to the excavation. The excavation site lies on a bluff above a lower parking lot and consists of a service station with four UST systems besides the six UST systems scheduled for removal. It was observed that these UST Systems (6) were located between the service station building and the Gillota, Inc. office/transport terminal building (see Exhibit 1, Figure 3). The UST system (6) fill ports were located directly over each tank, however, UST's #4-6 were once plumbed to the dispenser island located at the service station. This service line was no longer serviceable and all six tanks were employed for fuel storage purposes.

No evidence of denuded vegetation or soil staining was discernable near the UST Systems. The tanks were located beneath concrete drive-overs surrounded by asphalt cover. There was no evidence of patched or repaired concrete/asphalt at the site which could be indicative of historical replacement or repair of the UST systems.

There are no known private wells or public water wells at this facility. An observation well is located in the fill soil surrounding the UST systems (4) at the service station. These four (4) UST's as well as UST systems from the lower parking area were removed and/or replaced in the past 4 years. No other UST's are known to have been recently removed, abandoned-in-place or undergone a change in service. Other than the UST's described above, there are no other UST's known to be present or remaining in service at this site.

2.0 UST REMOVAL

Six (6) UST systems were scheduled for removal at the site. The UST removals occurred on May 12, 1995 and were performed by Mr. John Gillota, Jr. of Gillota, Incorporated, the State Certified UST Installer. The removals were witnessed by Inspector Terry Chambers of the Cleveland Fire Department. There was no inspector in attendance from the Ohio Department of Commerce, State Fire Marshal's Office. O'Brien Technical Services, Inc. (OTS) was contracted by Gillota, Inc. to document the removal activities, collect appropriate soil samples and to prepare the Closure Assessment Report.

Upon arriving at the site the asphalt and concrete covering the UST systems was excavated and was staged on visqueen plastic at the site. Soil covering the tanks was excavated and staged in two stockpiles that were bermed with absorbent straw in order to protect the environment from petroleum contaminant runoff. There was no fuel product in the UST's as it had been consumed in sales prior to the removals. Forced air was applied to the UST's after which measurement of vapors with a Gas Tech II Explosive Atmosphere Meter indicated levels below explosive concentration limits.

Minor visual evidence of petroleum staining of sandy fill soil was observed in the course of the excavation activities at the fill ports. Upon completion of the excavation activities the cavity dimensions measured approximately 55 feet by 20-30 feet with a depth of 8-10 feet. The UST's were removed in the presence of Inspector Terry Chambers.

Native sandy soil was indistinguishable from the sand fill along the top and sides of the steel tanks. Approximately 350 cubic yards of sandy soil was excavated, as determined by Method 2 of the Stockpile Guidance Document. The stockpiles were generated in series at the site as physical dimensions of the property would not allow for stockpiling of all of the excavated soil without refilling of some of the cavities which had already been excavated. For the purposes of the SFSS this site will be scored 5 points for Site Feature 3. No groundwater was encountered in the excavation process.

Upon removal from the excavation cavity, the lined steel tanks were found to be in good condition. Visual inspection documented tanks with no through-hole corrosion. The tanks were cut, cleaned, loaded and transported off-site for disposal at Reserve Iron & Metal Co., Inc. located in Cleveland, Ohio.

No utilities were uncovered at this site. It is presumed that buried natural gas, sewer and water utilities exist at a distance less than 50 feet from this site along Central Viaduct and Commercial Road. Foundations of the adjacent buildings exists within 100 feet of the excavation site. The predominant soil type (sand) does not contain faults or known fractures nor is there bedrock prone to dissolution along joint or fractures within 100 feet of the UST system. For purposes of the SFSS this Site will be scored 5 points for Site Feature 4.

6.0 PERTINENT DATA

6.1 Removal/Closure Date:

May 12, 1995

6.2 Removal Contractor:

Gillota, Incorporated
33 Central Viaduct
Cleveland, Ohio 44103
(216) 241-3428

Mr. John Gillota, Jr.
Installer I.D.# 10-89-0153
Expiration Date: 1/8/95

6.3 UST System Owner, Operator and Facility Data:

UST System Owner
Gillota, Incorporated
300 Central Viaduct
Cleveland, Ohio 44115
Cuyahoga County

Contact: Mr. John Gillota, Jr.
Telephone: (216) 241-3428

UST System Operator
Same as UST System Owner

Facility Name
Same as UST System Owner

Facility Owner
Same as UST System Owner

6.0 PERTINENT DATA (Cont.)

6.5 UST System Data:

	UST #1	**UST #2**	**Tank #3**	**Tank #4**	**Tank #5**	**Tank #6**
Age (years)	12	12	12	12	12	12
Capacity (gal.)	1,000	12,000	12,000	12,000	10,000	10,000
Dimensions	4' x 10.5'	8' x 32'	8' x 32'	10' x 20'	10' x 17'	10' x 17'
Const. material	Steel	Steel	Steel	Steel	Steel	Steel
Date last used	April, 95	April, 95	April, 95	April, 95	April, 95	April, 95
Previous operator	None	None	None	None	None	None
Substance stored	Diesel Fuel	Diesel Fuel	Diesel Fuel	Kerosene	Gasoline	Gasoline
Previous substance	None	None	None	None	None	None
UST system use	---------- Wholesale Fuel Sales ----------					
UST system status	---------- Permanent Closure ----------					
Disposal of UST	---------- Reserve Iron & Metal Co. ----------					

6.6 Waste Disposal Data:

Disposal Method	
- Excavated soil	Landfill
- Backfill material	Landfill
Location of Disposal	
- Excavated soil	On-site
- Backfill material	On-site
Disposal Method	
- Tank contents	Not Applicable
- Cavity liquid	Not Applicable
Location of Disposal	
- Tank contents	Fuel was consumed in sales prior to closure
- Cavity liquid	No liquid was present in the tank cavity
Sampling Location(s) Excavated Soil Waste Pile(s)	Two soil stockpiles were measured (Method 2) and determined to be 150 and 200 cubic yards volume. These stockpiles were sectioned and sampled at the midpoint of eight (8) sections at a depth of two (2) feet below the surface using Oakfield Model A split spoon samplers.

6.0 PERTINENT DATA (Cont.)

6.7 Sample Method:

See Section 4.0

6.8 Sample Preservation:

See Section 4.0

6.9 Field Screening Data:

See Section 5.0

6.10 Sample Collector:

Mr. Joe O'Brien
O'Brien Technical Service, Inc.
34665 Miles Road
Cleveland, Ohio 44022
Telephone: (216) 349-3151
Telefax: (216) 349-4540

6.11 Fire Inspector:

Cleveland Fire Department
Contact: Inspector Terry Chambers
(216) 664-6664

6.12 Local Fire Department:

Cleveland Fire Department
Fire Prevention Bureau
1645 Superior Avenue, E.
Cleveland, Ohio 44114
Cuyahoga County
(216) 664-6664

6.0 PERTINENT DATA (Cont.)

6.13 Analytical Laboratory:

North Coast Environmental Laboratories, Inc.
10100 Wellman Road
Streetsboro, Ohio 44241
Contact: Mr. Tim Spevak
Phone: (800) 586-4666
Fax: (216) 342-0088

6.14 Tank Disposal:

Reserve Iron & Metal Co., Inc.
4431 West 130th Street
Cleveland, Ohio 44135
Cuyahoga County
(216) 671-3000

7.0 CONCLUSION

To summarize, the following activities occurred at Gillota, Incorporated located at 300 Central Viaduct in Cleveland, Ohio:

04/25/95	Gillota, Inc. issues "30 day notification letter" to BUSTR for closure.
05/12/95	City of Cleveland, Department of Public Safety issues Permit (#0914) for removal of six UST systems.
05/12/95	Soil samples collected from beneath the UST's and the service line are field screened for volatile organics.
05/12/95	Soil samples collected from the soil stockpiles are field screened for volatile organics.
05/12/95	The excavation is filled with the excavated soil and clean fill soil.
05/22/95	Analytical results are reported for excavation, service line and the stockpile soil samples.
07/24/95	Closure Assessment Report issued.

As mentioned in this report, the UST removal activities resulted in the closure of six (6) UST systems. It is the opinion of O'Brien Technical Services, Inc. (OTS) that the closure was performed in an appropriate manner.

On behalf of the UST System Owner, OTS requests that a "no further action" letter be issued for this site in that the "action levels" established for residual hydrocarbon contamination (Category 2: as calculated by OTS), were not exceeded at this site.

Ohio Department of Commerce

An Equal Opportunity Employer & Service Provider George V. Voinovich, Governor

Division of State Fire Marshal • Bureau of Underground Storage Tank Regulations Donna Owens, Director
8895 East Main Street, P.O. Box 687 • Reynoldsburg, OH 43068-0687
(614) 752-7938 • FAX (614) 752-7942

OCT 03 1995

JOHN GILLOTA
GILLOTA INC
300 CENTRAL VIADUCT
CLEVELAND OH 44115

SITE: GILLOTA INC
300 CENTRAL VIADUCT
CLEVELAND OH 44115
CUYAHOGA COUNTY
INCIDENT #1821755-03

RE: NO FURTHER ACTION STATUS

Dear Mr. Gillota:

The Bureau of Underground Storage Tank Regulations (BUSTR) has reviewed all information submitted for this site. Based on this information, BUSTR requires no further action involving corrective actions for remediation under the regulatory framework.

If you feel that you are entitled to reimbursement you should contact the Petroleum Underground Storage Tank Release Compensation Board (PUSTRCB) at P.O. Box 163188, Columbus, Ohio 43216, (614) 752-8963 or (800) 224-4659. PUSTRCB administers Ohio's assurance fund and is a separate entity apart from BUSTR.

Thank you for your cooperation. If you have any questions, please contact Dennis Tatum at (614) 728-5470.

Sincerely,

Diane B. McClure

Diane B. McClure
Acting Corrective Actions Supervisor

DBM:DT:dep

xc: Site File
Terry Chambers, Cleveland Fire Dept.
Robert Staib, Cleveland Health Dist.

Total Fee $ 200.00

CITY OF CLEVELAND
Department of Public Safety
Division of Fire

Permit # ____

Date of Application 7-14-2000

APPLICATION to INSTALL ____ ~~TANKS~~ PIPING for ALL SUBSTANCES, other than water, above ground ____ underground ✓ inside ____ outside ____ other ____

300 Central Viaduct (LOCATION) — Terminal Oil (OCCUPANT) — Tank spec's ASME ____ API ____ ICC ____ UL ✓ Other ____

PUMPS: type ____ submerged ✓ inline ____ remote ____. Valves req'd; ____ relief ____ excess flow ____ impact ✓ internal check ____ other ____ swing line ____

UNDERGROUND: Depth of fill cover (circle) 1½'; 2'; 2½'; (3') 4'. Type of fill cover; #8 Pea Gravel Sand bed & fill, 6"; (12").
ABOVE GROUND: Dikes (state dimensions, capacity & material) ____

Grounding arrangement: ____ support protection: ____

2 Tank(s) cap. 8000 size ____ gauge STP3. Vent size 2" (normal), ____ (emrg.), arrestor req. ____ fill size 4" Fee $ ____ type ____
Distances to, lot line ____ street line ____ between tanks ____ building ____. Contents Gasoline / Diesel ident. ____

1 Tank(s) cap. 6000 size ____ gauge STP3. Vent size 2 (normal), ____ (emrg.), arrestor req. ____ fill size 4" Fee $ ____ type ____
Distances to, lot line ____ street line ____ between tanks ____ building ____. Contents Gasoline ident. ____

1 Tank(s) cap. 4000 size ____ gauge STP3. Vent size 2 (normal), ____ (emrg.), arrestor req. ____ fill size 4" Fee $ ____ type ____
Distances to, lot line ____ street line ____ between tanks ____ building ____. Contents K-1 ident. ____

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained and to comply with all the ordinances of the City of Cleveland, the laws of the State of Ohio and all the rules and regulations of the State Fire Marshall, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, relating to the Storage of hazardous Substances.

Applicant [signature] SIGNATURE

Chief Robert McDermott — per [signature] FIRE PREVENTION BUREAU

Zoning: Map ____ Sh ____ –

Use ____

Installed by Gillota Inc 10.89.0154 Tel: 216-241-3428.

Approved by ____ DIVISION OF BUILDING

NOTE: If disapproved, draw line through signature space.

Remarks Re-Pipe + Tank Monitoring System

COF C73-226 F.P.B. 4/1/64

SITE plan on reverse side.

/68-3M

TANK INTEGRITY SERVICES INC.

- Storage Tank & Product Line Testing
- Stage II Vapor Recovery System Testing
- Corrosion Inspection & System Design
- Environmental Services

TANK STATUS EVALUATION REPORT - EPA-530/UST-90/006

UST2000P/LL & UST2000U

CUSTOMER DATA

GILLOTA OIL COMPANY
300 CENTRAL VIADUCT
CLEVELAND, OHIO 44115

ATTN: JOHN GILLOTA, JR.

SITE DATA

GILLOTA OIL / MARATHON
300 CENTRAL VIADUCT
CLEVELAND, OHIO 44115

******** COMMENT ********

THIS IS THE TANK TIGHTNESS TEST AFTER CONSTRUCTION.
ALL LINES WERE TESTED AT 1.5 TIMES THE OPERATING PRESSURE.
ALL LEAK DETECTORS WERE TESTED AT A 3 GPH LEAK RATE.

JOB NUMBER: TI-963 **FILE #: M4000045** **TEST DATE: 9/16/00**

PRODUCT:	REGULAR	PREMIUM	DIESEL	KEROSENE
TYPE:	PROTECTED STEEL	PROTECTED STEEL	PROTECTED STEEL	PROTECTED STEEL
SIZE / GALLONS:	8,000	6,000	8,000	4,000
DIAMETER:	96"	96"	96"	96"
WATER LEVEL FROM GRADE (FT)	16'	16'	16'	16'
PRODUCT LEVEL	71.50"	44.50"	77.50"	91.00"
LIQUID LEAK RATE: (G.P.H.)	-0.015	-0.015	-0.032	+0.043
LIQUID RESULT:	TIGHT	TIGHT	TIGHT	TIGHT
ULLAGE RESULT:	TIGHT	TIGHT	TIGHT	TIGHT

CURRENT EPA STANDARDS DICTATE
THAT FOR UNDERGROUND FUEL TANKS, THE MAXIMUM ALLOWABLE LEAK / GAIN RATE
OVER THE PERIOD OF ONE HOUR IS .05 GALLONS

ULLAGE RESULTS ARE BASED ON PASS / FAIL CRITERIA ONLY.

OPERATOR: TANK INTEGRITY SERVICES, INC. TESTER: MARK LEGAN

P.O. Box 33084, North Royalton, Ohio 44133 • 440-237-9200 • FAX 440-582-5119

CITY OF CLEVELAND
DEPARTMENT OF PUBLIC SAFETY - DIVISION OF FIRE
FIRE PREVENTION BUREAU

ROBERT M. DERRIT, CHIEF
Division of Fire

PERMIT NO. 32467 FEE $ 50.00 DATE 8-9-02, 19 ____
EXPIRATION DATE: 8-8-05, 19 ____

PERMIT APPLICATION
FOR THE STORING, HANDLING, SALES OR USE OF HAZARDOUS SUBSTANCES

APPLICANT TERMINAL OIL

LOCATION 300 CENTRAL VIADUCT, CLEVELAND, OHIO 44115
(Complete Address)

Building Height 50' Stories 2 Area ____ L ____ W ____
Construction I-II—III—IV—V A-B-C

Occupancy SERVICE STATION Other occupancy ____

One Application for each No. Item

1. Corrosives ____
2. Flammable liquids GASOLINE
3. Combustible liquids ____
4. Flammable solids ____
5. Compressed Gases ____
6. Organic Peroxides ____

List Kind & Quantity of Substance

7. Liquefied Petroleum Gases ____
8. Oxidizers ____
9. Reactive Chemicals ____
10. Nitrocellulose Film ____
11. Pyroxlin Plastic ____
12. Radioactive ____

13. Refinishing with Highly Flammable Liquids, i.e., bowling alleys, other assemblies: ____

14. Dip Tanks ____ Spray Booths ____ Spray Rooms ____

15. Other Substances: ____

Method of Storage: UNDERGROUND STORAGE TANKS
(1) - 8,000 GAL CAPACITY (1) - 6,000 GAL CAPACITY

REMARKS:

CITY OF CLEVELAND
DEPARTMENT OF PUBLIC SAFETY - DIVISION OF FIRE
FIRE PREVENTION BUREAU

ROBERT M. DERRIT, CHIEF
Division of Fire

PERMIT NO. 34643 FEE $ 50.00 DATE 8-9-02, 19 ____
EXPIRATION DATE: 8-8-03, 19 ____

PERMIT APPLICATION
FOR THE STORING, HANDLING, SALES OR USE OF
HAZARDOUS SUBSTANCES

APPLICANT TERMINAL OIL

LOCATION 300 CENTRAL VIADUCT, CLEVELAND, OHIO 44115
(Complete Address)

Building Height 50' Stories 2 Area ____ L ____ W ____
Construction I-II—III—IV—V A-B-C

Occupancy SERVICE STATION Other occupancy ____

One Application for each No. Item

1. Corrosives ____
2. Flammable liquids ____
3. Combustible liquids DIESEL FUEL & KEROSENE
4. Flammable solids ____
5. Compressed Gases ____
6. Organic Peroxides ____

List Kind & Quantity of Substance

7. Liquefied Petroleum Gases ____
8. Oxidizers ____
9. Reactive Chemicals ____
10. Nitrocellulose Film ____
11. Pyroxlin Plastic ____
12. Radioactive ____

13. Refinishing with Highly Flammable Liquids, i.e., bowling alleys, other assemblies: ____

14. Dip Tanks ____ Spray Booths ____ Spray Rooms ____

15. Other Substances: ____

Method of Storage: UNDERGROUND STORAGE TANKS
(1) - 8,000 GAL CAPACITY (2) - 6,000 GAL CAPACITY
(1) - 4,000 GAL CAPACITY (KEROSENE)

REMARKS:

CITY OF CLEVELAND
DEPARTMENT OF PUBLIC SAFETY - DIVISION OF FIRE
FIRE PREVENTION BUREAU

ROBERT M. DERRIT, CHIEF
Division of Fire

17-02

PERMIT NO. 34777 FEE $ 50.00 DATE ~~8-14-02~~, 19 ____
EXPIRATION DATE: ~~8-14-03~~, ~~19~~ 05
8-16-05

PERMIT APPLICATION
FOR THE STORING, HANDLING, SALES OR USE OF
HAZARDOUS SUBSTANCES

APPLICANT GILLOTA, INC

LOCATION WAREHOUSE - 300 CENTRAL VIADUCT, CLEVELAND, OHIO 44115 (Complete Address)

Building Height 50' Stories 2 Area ____ L ____ W ____
Construction I-II—III—IV—V A-B-C

Occupancy WAREHOUSE Other occupancy ____

One Application for each No. Item

1. Corrosives ____
2. Flammable liquids ____
3. Combustible liquids SEE BELOW
4. Flammable solids ____
5. Compressed Gases ____
6. Organic Peroxides ____

List Kind & Quantity of Substance

7. Liquefied Petroleum Gases ____
8. Oxidizers ____
9. Reactive Chemicals ____
10. Nitrocellulose Film ____
11. Pyroxlin Plastic ____
12. Radioactive ____

13. Refinishing with Highly Flammable Liquids, i.e., bowling alleys, other assemblies: ____

14. Dip Tanks ____ Spray Booths ____ Spray Rooms ____

15. Other Substances: ____

Method of Storage: 55 GAL DRUMS OF MOTOR OIL, LUBRICANTS, GREASES, ANTI FREEZE
PACKAGED OIL, GREASES, LUBRICANTS, ANTI-FREEZE

REMARKS:

Site #20
Earl Lee

SUSPECTED RELEASE REPORT

REPORT #: 1 8 0 1 1 1 5 1 1 . 0 1 0 . F 9 0 0 1 DATE: 5/21/90

[1] PERSON REPORTING THE RELEASE TIME: ____:____

NAME: Russell Stewart TITLE: Marketing Director PHONE: (216) 635-4841

AGENCY/COMPANY: Stewart Painting and Maintenance RELATION TO SITE: _____

ADDRESS: 1174 E. Kile Road CITY: Chardon ST: OH ZIP: 44024

REMARKS: _____

[2] SUSPECTED RELEASE LOCATION

MULTIPLE SUSPECTED SOURCES? ___ YES ___ NO ___ UNDETERMINED COUNTY: Cuyahoga

FACILITY: W and W Meats USTR ID# 18-789

ADDRESS: 2394 Canal Road

CITY: Cleveland ST: OH ZIP: _____ PHONE: ( )_____

UST OWNER: _____ PHONE: ( )_____

UST OPERATOR: _____ PHONE: ( )_____

REMARKS: _____

FIRE DEPT Cleveland CONTACT: _____ PHONE: (216) 664-6664

[3] CONDITIONS LEADING TO REPORT OF SUSPECTED RELEASE (*Check all that apply*)

___ Inventory control results indicate a release may have occurred.

___ Testing, monitoring or sampling results indicate a release may have occurred.

___ Unusual operating conditions observed (e.g., sudden drop in tank volume).

___ Impacts noticed in area surrounding tank (e.g., vapors, well contaminated, run-off).

___ Spill or overfill of petroleum in excess of 25 gallons.

___ Soil/Groundwater contamination discovered during non-closure related investigation.

✓ Closure (or replacement) assessment results indicate that a release has occurred.

OTHER CONDITIONS: _____

*********COMPLETE REVERSE SIDE*********

[10] REPORT DISPOSITION (*Indicate actions taken on reverse side*)

TAKEN BY: White EMERGENCY ACTION? __ YES __ NO BY: __FM __OEPA ( )

COORD: Prevention REPORT/ACTION APPROVED: BI/ST DATE: 5/23/90

LOGGED BY: DS DATE: 5/22/90 ENTERED BY: ST DATE: 5/23/90

CIRCLE STATUS: (RPT) SUS DIS CON ICA ICR PRIORITY: 1 (2) 3 4 CLASS: A B C (D) LTF NON-LTF

ICC SAS SAC CAS CAP NFA

Closure

00001536

[4] **RELEASE INFORMATION**

DATE FIRST DETECTED: ___/___/___ TIME: ___:___ EST. QUANTITY: _____

SUBSTANCE RELEASED/DETECTED: ___ GASOLINE ___ DIESEL FUEL ___ KEROSINE ___ USED OIL

___ OTHER PETRO ___ HAZ SUBST ___ UNKNOWN EST. DURATION: _____

MEDIA EFFECTED (*Check all that apply*): ___ SOIL ___ PAVEMENT ___ BASEMENT ___ SEWERS

___ GROUNDWATER ___ SURFACE WATER ___ OTHER: _____

LTF ELIGIBLE? ___ YES ___✓ NO *If no, why?*: Closure Report

[5] **UST INFORMATION**

FACILITY REGISTRATION CURRENT? __ YES __ NO __ UNKNOWN (*Attach USTR's for all facilities*)

NUMBER OF TANKS: ___ RELEASE DETECTION METHOD: _____

AGE	CAPACITY	-CONST.- MATERIAL	SUBSTANCE STORED	STATUS	AGE	CAPACITY	-CONST.- MATERIAL	SUBSTANCE STORED	STATUS
___	4,000	Steel	Diesel	Removed	___	_____	_____	_____	_____
___	_____	_____	_____	_____	___	_____	_____	_____	_____
___	_____	_____	_____	_____	___	_____	_____	_____	_____

PROBABLE LOCATION OF RELEASE: TANK NO.__ PIPE BETWEEN _____ AND _____

PROBABLE CAUSE: _____

OTHER POTENTIAL SOURCES AT THIS LOCATION: _____

[6] **SITE/HAZARD INFORMATION**

IMPORTANT SITE OR SURROUNDING AREA CHARACTERISTICS: _____

PROXIMITY TO DRINKING WATER SOURCES: _____

OTHER FIRE/WATER/HEALTH HAZARDS AT THE SITE: _____

[7] **INITIAL RESPONSE ACTIONS BY OWNER/OPERATOR** (*Check all that apply*)

___ Release confirmation/Investigation
___ Initial corrective action procedures
___ Free product removal
___ Long term corrective action plan
___ Initial site investigation
___ Site/Assessment/Exposure Assessment
___ Unknown/undetermined
___ None

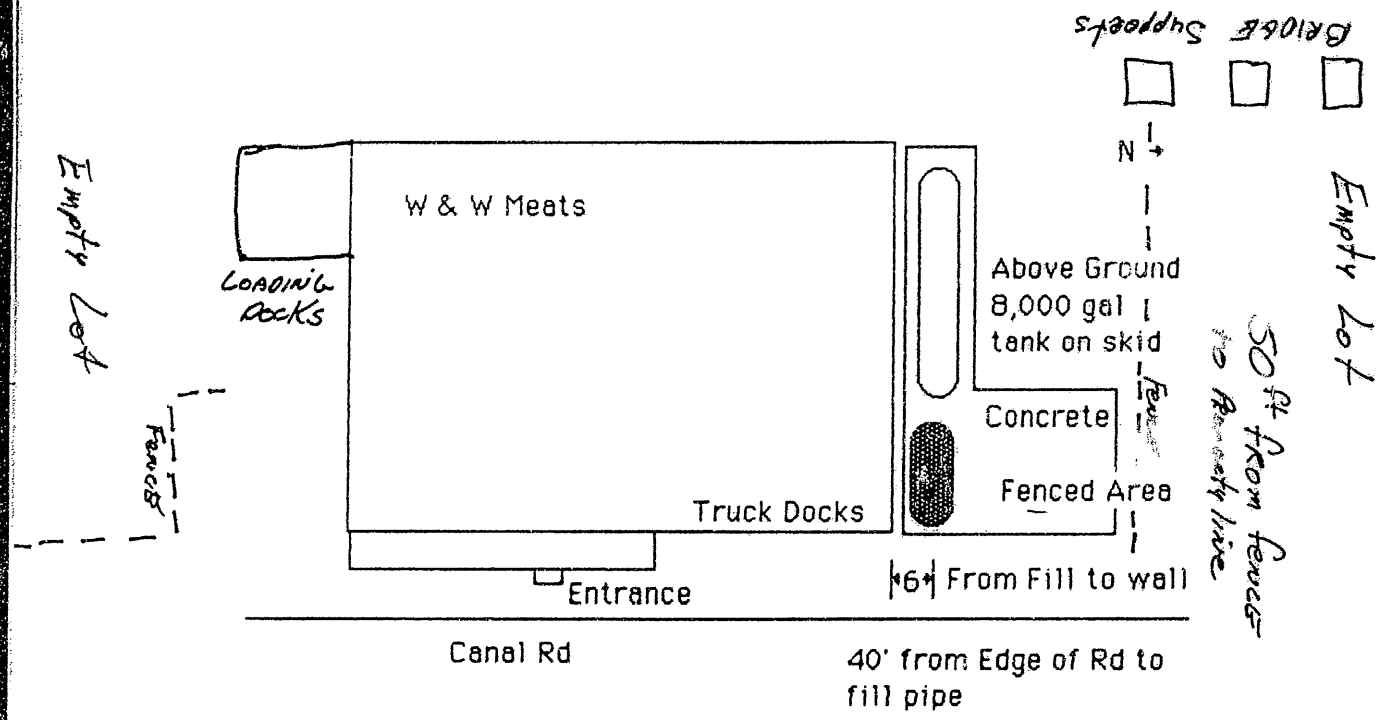
[8] **WERE ANY OTHER AGENCIES NOTIFIED PRIOR TO BUSTR?** (*As Reported*)

AGENCY: _____ NAME: _____ DATE: ___/___/___

[9] **BUSTR ACTIONS TAKEN**

SENT TO CORRECTIVE ACTIONS

CALLS TO: FD, LHD, LPW, ODH, OEPA/ER, OEPA/DPDW, OEPA/DGW, OTHER



Cleveland Fire Dept March 20, 40 15593 50 ∞

Ohio Department of Commerce

George V. Voinovich, Governor

Division of State Fire Marshal • Bureau of Underground Storage Tank Regulations
8895 E. Main St., P.O. Box 687 • Reynoldsburg, OH 43068-0687
(614) 752-7938

Nancy S. Chiles, Director

March 23, 1992

Mr. Clyde
W & W Meats
2394 Canal Rd.
Cleveland, Ohio 44113

Re: W & W Meats
2394 Canal Rd.
Cleveland, Ohio 44114
Cuyahoga County
Incident # 1801151-00

Dear Mr. Clyde:

The State Fire Marshal, Bureau of Underground Storage Tank Regulations (SFM, BUSTR) has received information regarding the closure of the underground storage tank (UST) system(s) located at the aforementioned site. Our review of the analytical results and associated information indicates that you have met the current requirements for UST closure assessments. Regarding closure assessment activities at this site, BUSTR is not requiring any further action at this time.

Due to information potentially not discovered or revealed, nothing in this letter should be interpreted as a guarantee or warrantee that no problems exist at the aforementioned location. In addition, this letter does not release the responsible party from future responsibility and liability under sections 3737.88 through 3737.89 of the Ohio Revised Code and other state laws and regulations or under the Federal Clean Water Act, Resource Conservation and Recovery Act, or Comprehensive Environmental Response, Compensation, and Liability Act for remedying conditions resulting from any release of contaminants to the environment.

If you have any questions about this determination, please contact John Courtright at (614) 752-7225.

Sincerely,

Kelly J. Gill

Kelly Gill, Supervisor
Environmental Review Unit
Bureau of Underground
Storage Tank Regulations

cc: File # 1801151-00

COM 5008

00002825

FILE

FORM 211-73

K-1339 7/17/57

KR0131 3-16-90

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY - DIVISION OF FIRE

FIRE PREVENTION BUREAU

BUILDING RECORD

C. T. I. 1

STREET CANAL RD. HOUSE No. 2394-96 BLDG. NAME

STORIES 2 CONSTRUCTION BRICK 5cl.

OCCUPANCY I W+W Meats, Inc.

OWNER or AGENT ADDRESS

FOR PARTICULARS SEE INSPECTIONS BY WARDENS OR COMPANIES UNDER DATES LISTED BELOW IN INSPECTION FILE No. 2

Enter All Fires In Chronological Order In Red Ink

Date	Inspector	Conditions Found	ABATEMENT ORDERED	ORDERS COMPLIED WITH	SUMMONS COURT	Closed
9-11-41	Reynolds	The Britton T+S Day Co.. Empty Drums. Oil + Pitch stock. Soda + acid fire extinguishers on walls. all				O.K.
-3-47	Reynolds	Britton T+S Day Co.				O.K.
30-46	Cooney	+ Behuke we met Mr Money + met the Owner of this Bldg Mr Parker we checked Bldg to see if it is safe to Mfg grease Compound in this Bldg we found this Bldg is suitable for same approved. we notified Capt Hall of our approval				O.K.
4-16-46	Reynolds.	Called at this address re: delivery of Lumber code. Found that Wilhelm Lumber Co. no longer at this address.				
-3-47	Dempsey.	Gilliam Co Vetoed proposal to store 70,000 gal Butyl acetate at this address.				
16-47	1836 at	9:32 AM Cause Short Curcuit loss $400.00 F.S. Fire must have Been Caused. By overloaded Line.				
-11-47	Dempsey.	O.C. Wants Information on new fuel oil Burner told them to get a Permit for new Burner.				
-1 50	Corrigan	Burner out of op. No Coils.				O.C.
2-6-51	Corrigan	No ols on Burner				O.K.
-23-52	Wiegner	B.F. + S.P. Day Warehouse + outside heated vats See report in file #5 General conditions fair all fire doors				O.K.

CANAL RD. STREET

2394-96 HOUSE NO.

OTHER FRONTAGE

WR-1-32

E2-2

STREET | HOUSE No. | BLDG. NAME

Date	Inspector	Conditions Found	Abatement Ordered	Orders Comp With	Summons Court	Closed
3-4-53	Cunningham	Mid American Plastic Special Report on file #6			See FILE	
3-10-53	Leiter	W H Hay				2086
4-2-53	Cunningham	See Report on Washing Fund.				
4-21-53	Cunningham	Redmsh.				
4-22-53	Leiter	To C. P. Mosle.				2149.
4-27-53	Schlund	Called to check tanks for flammable vapors. Several of tanks were in an unsafe condition to allow standing on them; others were not readily accessible. Informed salvage co. of this.				
5-16-53	Leiter	From W Hay - Laboratory				
5-4-53	Cunningham	- No improvement shown				
		Dr. McAdams re pictures of existing violations				
5-18-53	Schlund	Tested 11 above ground tanks with explosive meter. These tested negative - To be dismantled.				
6-1-53	#5510	3:05 PM Rolled Acetylene Torch		None		
6-27-53	#6769	6:18 P.M. Undetermined		Loss 90,000		
		Sig 33 at 6:30 P.M. Radio Chief Boehmer				
		Casualties. Edward Lekelsky 5553 Thomas St. Maple Hgts. punctured left foot stepped on nail. City Hospital released				
		Peter Walters 3463 W 123 St. - cuts right forearm City Hospital released				
7/10/56	Behnke	Union Provision approved plans for meat processing				
7/17/57	Wirmer	Union Provision Co - approved application for 1-4000 gal gasoline tank Underwriters Standard w/bo. New bldg 40'x60'x17' - 1 story C. Block - steel trusses & 6"x15" joists				
		Approved tank installation permit #1339 Visit above req. Air pressure 5 3/4# - 40 minutes 2 Visits - Buried 4'				
9(19)69	Wold	Hand sent Comics & Rosaries				
11 '59	Hose #1	Insp				
2/13/63	French	Insps Viol. Extinguishers - Basement		fire doors not operating		FILE
1/4/65	McCoy	approved Build Permit application W 66 075 H 2 2 Room freezer & Dock Heinicke age-1				
		Type II const HCB & metal deck - H Hglas 20306 E 22 -				
		insulation attached with fire retardant adhesive.				

Enter All Fires In Chronological Order in Red Ink

Date	Inspector	Conditions Found	Closed
7-13-64	Clements	Insp	FILE
6-16-66	Eland	RE open burning	
9/23/66	Eland	Complaint See Report	
9/26/66	Eland	RE Incinerator See Report	
9/27/66	Heiduck	Complaint Continue	
1-12-67	Heiduck	Insp. 2/0 Visit to Mr. Klein Rock Co. & Eq.	FILE
2-3-67	Heiduck	Re Insp Viol abated Cit's Released.	
3-27-67	Eland	Re: open burning - see report	
4-8-68	Eland.	Insp	FILE
3-7-69	Heiduck	Insp. 1/0's issued	FILE
3-3-70	Kliner	Insp 1 Viol	FILE
11-23-70	Murphy.	Insp. 2 Viols noted. See Report.	FILE
10-~~12~~-73	Gallagher	Disapproved plans for 1 story type II addition 128'6" x 75' because of table per. #5.1923.	
10-16-73	Choay	Plans review - Approval. See Report.	FILE
10-15-73	Letter	Rec'd from B. Gonzalez attached do/over rep.	FILE
1-21-74	Eland.	Bldg Permit #28901 Inst add'l o.	FILE
4-4-74	Eland.	re: addition to Bldg no work in progress at this time	
7-1-74	Eland.	re: addition Bldg Permit #28901	FILE
6-16-81	E-2	VIOL. NONE	
6-10-82	Dwyer	Insp	FILE
7-19-82	Siraffo	Re: Insp	FILE
9-30-83	E-2	Card. Insp NO Viol	
6-1-84	9835	0308 Ins. 2394 Canal Trk. 6-3-474 Insand	$1,000.00
6/19/86	Jm. Fk	Complete 3 Viols send letter 1-09	FILE
6-18-86	Smith	Letter sent notice of violation	FILE
2/30/89		Description of U.G.S.T.	
5-20-89	8747	C.1808 (54)	$1,200.00
12-1389	Little	Original inspection report to follow	file
1/16/90	Little	Complete insp. send letter #1	file
3-14-90	Little	Referral sent to Bldg. Dept.	File
3-16-90	Little	Complete insp. letter #1 sent	File
3-26-90	Crespo	Tank Removal / see report	File
3-27-90	Crespo	Tank removal, permit voided; see records	File
4/16/90	Little	Re insp. send letter #6	File
4-30-90	Little	Reinspection letter #6 sent	File
9-12-93	Austin	Re-inspection	
9-6-95	AUSTIN	TARGET: 1 VIO.	
2/7/96	Flanigan	Target Insp - see report	F

Enter All Fires In Chronological Order in Red Ink

C of C 73-211A

Date	Inspector	Conditions Found	Closed
/7/96	Flanigan	Re-insp - no V/O'S	

STREET: Canal Rd

HOUSE NO.: 2394

OTHER FRONTAGE

FILE

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY

DIVISION OF FIRE

Application No. 1578 Fee 1.00 Date 10-10 19 51

Permit Application
For the Storing Handling, Sales or Use of
Hazardous Substances

Elmer M. Cain, Chief
Division of Fire

Applicant ALLIS CHEMICAL INC.

Location 2394 CANAL RD.

Building Height 2 + 4 stories Construction & Brick

Occupancy MANUFACTURING Other Occupancy Lab - storage - various!
(Includes Man-Gill storage)

Calcium Carbide _____ Nitrocellulose Film _____

Corrosive Liquids _____ Portable Booths _____

Dip Tanks _____ Pyroxlin Plastic _____

FLAMMABLE LIQUIDS Spray Booths _____

Class 1 _____ Gals. Tire Retreading & Rebuilding _____

Class 2 154 Gals.

Class 3 1312 Gals. Refinishing with Highly Flammable liquids such as Bowling Alleys and similar surfaces in places of Assembly—

Fume Hazard Gases _____

Moisture Hazard Substances _____ Unfired Pressure Vessels _____

STORAGE

Cabinets _____ Floor _____ Tanks 1 Vaults _____ Shelves _____

Location Outside shed. Use ✓

Transporting _____ Sales _____

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained, and to comply with all ordinances of the City of Cleveland, the laws of the State of Ohio, and all the rules and regulations of the State Fire Marshal, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, Relating to the Storing, Handling, Sales, Transportation and use of Hazardous Substances.

Date 10/16/51 19____ x Applicant Allis Chemical Inc. per J. M. Wilson

Inspector W. R. M. S. Clune Capt.

Remarks:

	Iso alcohol	1 Drum	52
	Kerosene	3 Drums	156 gal
	Hi flash Naphtha 140°	2 "	104
	Stoddard Sol.	1 "	52
Kerosene	1000 gal tank above gr.		1000
	Methanol Class II	2 Drums	102
			1312 #3
			154 #2

Property Owners Permission

Cleveland, Ohio _____ 19____

_____ the owner of the premises described in the foregoing application hereby grants the lessee or agent permission to store the above mentioned Hazardous Substances at this location.

Owner _____

Address _____

Witness _____

Approved _____

BERNARD W. MULCAHY, Chief
FIRE PREVENTION BUREAU

FILE

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY

DIVISION OF FIRE

Application No. 1579 Fee 1 00 Date 10-10 19 51

Permit Application
For the Storing Handling, Sales or Use of
Hazardous Substances

Elmer M. Cain, Chief
Division of Fire

Applicant ALLIS CHEMICAL INC

Location 2394 CANAL RD.

Building Height 2 4/4 stories Construction Brick

Occupancy Manufacturing Other Occupancy Various.

Calcium Carbide _____

Corrosive Liquids 235 gals.

Dip Tanks _____

FLAMMABLE LIQUIDS

Class 1 _____ Gals.

Class 2 _____ Gals.

Class 3 _____ Gals.

Fume Hazard Gases _____

Moisture Hazard Substances _____

Nitrocellulose Film _____

Portable Booths _____

Pyroxlin Plastic _____

Spray Booths _____

Tire Retreading & Rebuilding _____

Refinishing with Highly Flammable liquids such as Bowling Alleys and similar surfaces in places of Assembly—

Unfired Pressure Vessels _____

STORAGE

Cabinets _____ Floor Shipping Tanks 1 Vaults _____ Shelves _____

Location 1st floor Use ✓

Transporting _____ Sales _____

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained, and to comply with all ordinances of the City of Cleveland, the laws of the State of Ohio, and all the rules and regulations of the State Fire Marshal, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, Relating to the Storing, Handling, Sales, Transportation and use of Hazardous Substances.

✗ Applicant Allis Chemical Inc. per J. M. Williams

Date 10/16/51 19___ Inspector H. K. McClure Capt.

Remarks:

Glacial Acetic Acid.	3 drums		165 gal
Glycolic	"	6 cans	30 "
Phosphoric	"	6 (13 gal)	78
			208 gal

Property Owners Permission

Cleveland, Ohio_____ 19____

_____ the owner of the premises described in the foregoing application hereby grants the lessee or agent permission to store the above mentioned Hazardous Substances at this location.

Owner_____

Address_____

Witness_____

Approved_____

BERNARD W. MULCAHY, Chief
FIRE PREVENTION BUREAU

FILE

CITY OF CLEVELAND
DEPARTMENT OF PUBLIC SAFETY
DIVISION OF FIRE

Permit No. 1339

Application For Permit to Install
Storage Tanks for Hazardous Substances

Fee $ _____
$ _____
$ _____
$ 10.00
Total $ 10.00

Cleveland, Ohio 7 - 17 - 1957

To the Chief of the Division of Fire:

I, ELNOR PROVISION CO (owner) (agent) hereby make application for a permit to install Storage Tanks, for Hazardous Substances, as described below and shown on the accompanying drawing.

LOCATION AND DESCRIPTION OF TANK (S)

Address 2394 Canal rd

Dimension and Capacity 1 - 64" x 23' 8" - 4000 gall tank

Specifications: ASME ____, API ____, ICC __, UL __, Other _____

Size of vent 2". Cap 3" Fill Pipe 3" Gauge of Tank Material 3/16"

Distance from Lot line 15' between tanks — from street line 28'

Distance from Buildings on Premises 3' Use of Tank GASOLINE

ABOVE GRADE: Protection _____ Dike (s) _____

Type pump (s): Dispensing unit _____ ; Remote _____ Safety devices _____

Valves required: Relief __ Excess flow __ Shut off __ Other _____

UNDERGROUND: Depth of Fill: 2½' - 3' - 4' Type of ground cover _____ Est. costs # 1100.00

Installed by Standard Oil Co Address 3083 Broadway Tel. DI-1-0600

Owner Elnor Provision Co Address 2394 Canal rd Tel. _____

Remarks _____

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained, and to comply with all ordinances of the City of Cleveland, the laws of the State of Ohio, and all the rules and regulations of the State Fire Marshal, the Chief of the Division of Fire and the Board of Building (Standards and Building) Appeals, relating to the storing of Hazardous Substances.

Applicant [signature]

Company Standard Oil Co.

Bof C 73-1008

(over)

2/7

To the Chief of the Division of Fire:

I hereby certify that I have examined the data furnished by the applicant and the same is approved / disapproved.

ZONING MAP: _____ Sh 5 ZONING: Use GEN/IND Area B Height 3 Sub lot _____

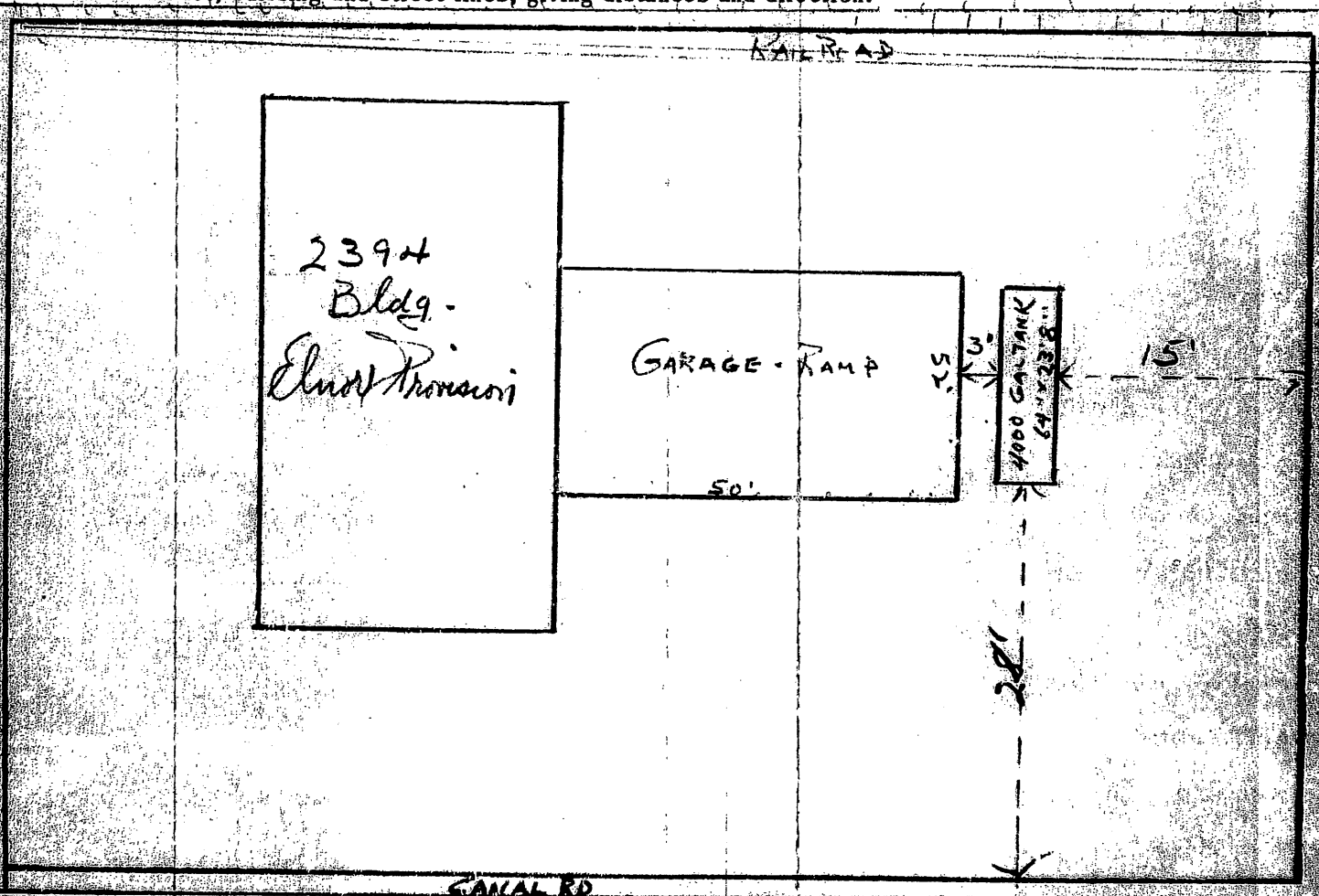
Signed A. Brook

DIVISION of BUILDING 7/17/57

N

SITUATION PLAN

Show all lot, building and street lines, giving distances and direction.



I hereby approve / disapprove the above application for Permit to install tank(s).

Elmer M. Cain Chief
DIVISION of FIRE

Per Capt F. H. Hines

FILE

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY
DIVISION OF FIRE

FIRE PREVENTION BUREAU

April 8 1948

2394 Canal Rd - Elmer Provision Co.
2 st. br joist (2 bldgs) 25' high
100 X 170 Type III
And N.C.
Owner - Elmer Provision Co.
Tenant - Edward Klein Pres
This building is in three sections
2 st. br joist 25' high w/ 2 basements
60 x 100 Type III
Offices on 2nd floor, freezers & meat processing
on first floor - refrigerator kept in basement.
1 story concrete block w/ slag roof 15' high
60 x 70' Type II
Garage & loading dock.
1 story concrete block w/ slag roof 15' high
50 x 60 Type II
Loading dock & meat grinders
Gas - Meters in 1st basement.
Elect - Main Swr in 1st basement compressor motors 220 volts
" " 110 volts in 1st basement N.E. corner.
Heat - 2nd floor gas fired warm air furnace
Gas fired overhead unit heaters.

(cont.)

Inspector: Robert E. Lee

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY
DIVISION OF FIRE

FIRE PREVENTION BUREAU

Page 2

April 8 1964

2394 Canal Rd.

Fire Protection - 2 S+A, 2 CO_2 extinguishers

U/G gasoline tank & pumps 1-4000 gallon
Permit 1339

Elevator - Enclosed from 2nd basement to 1st floor

Stairways - 2 enclosed.

Housekeeping - Good.

Inspector: [signature]

Total Fee $ 100.00

CITY OF CLEVELAND
Department of Public Safety
Division of Fire

Permit # 0131 0131

Date of Application March 16, 1990

APPLICATION to REMOVE 1 **TANKS for ALL SUBSTANCES, other than water, above ground** ____ **underground** XX **inside** ____ **outside** ____ **other** ____

2394 Canal Road, Cleveland OH / W & W Meats, Inc. Tank spec's ASME ____ API ____ ICC ____ UL XX Other ____
(LOCATION) (OCCUPANT)

PUMPS: type ____ submerged suction inline ____ remote ____. Valves req'd; ____ relief ____ excess flow ____ impact ____ internal check ____ other ____ swing line ____

UNDERGROUND: Depth of fill cover (circle) 1½'; 2'; 2½'; (3'); 4'. Type of fill cover; sand Sand bed & fill, 6"; 12".
ABOVE GROUND: Dikes (state dimensions, capacity & material) ____

Grounding arrangement: ____ support protection: ____

1 Tank(s) cap. 4,000 size ____ gauge ____. Vent size ____ (normal), ____ (emrg.), arrestor req. ____ fill size ____ Fee $ ~~50.00~~ 100.00
Distances to, lot line ____ street line ____ between tanks ____ building ____. Contents gasoline type ____ ident. ____

____ Tank(s) cap. ____ size ____ gauge ____. Vent size ____ (normal), ____ (emrg.), arrestor req. ____ fill size ____ Fee $ ____
Distances to, lot line ____ street line ____ between tanks ____ building ____. Contents ____ type ____ ident. ____

____ Tank(s) cap. ____ size ____ gauge ____. Vent size ____ (normal), ____ (emrg.), arrestor req. ____ fill size ____ Fee $ ____
Distances to, lot line ____ street line ____ between tanks ____ building ____. Contents ____ type ____ ident. ____

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained and to comply with all the ordinances of the City of Cleveland, the laws of the State of Ohio and all the rules and regulations of the State Fire Marshall, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, relating to the Storage of hazardous Substances.

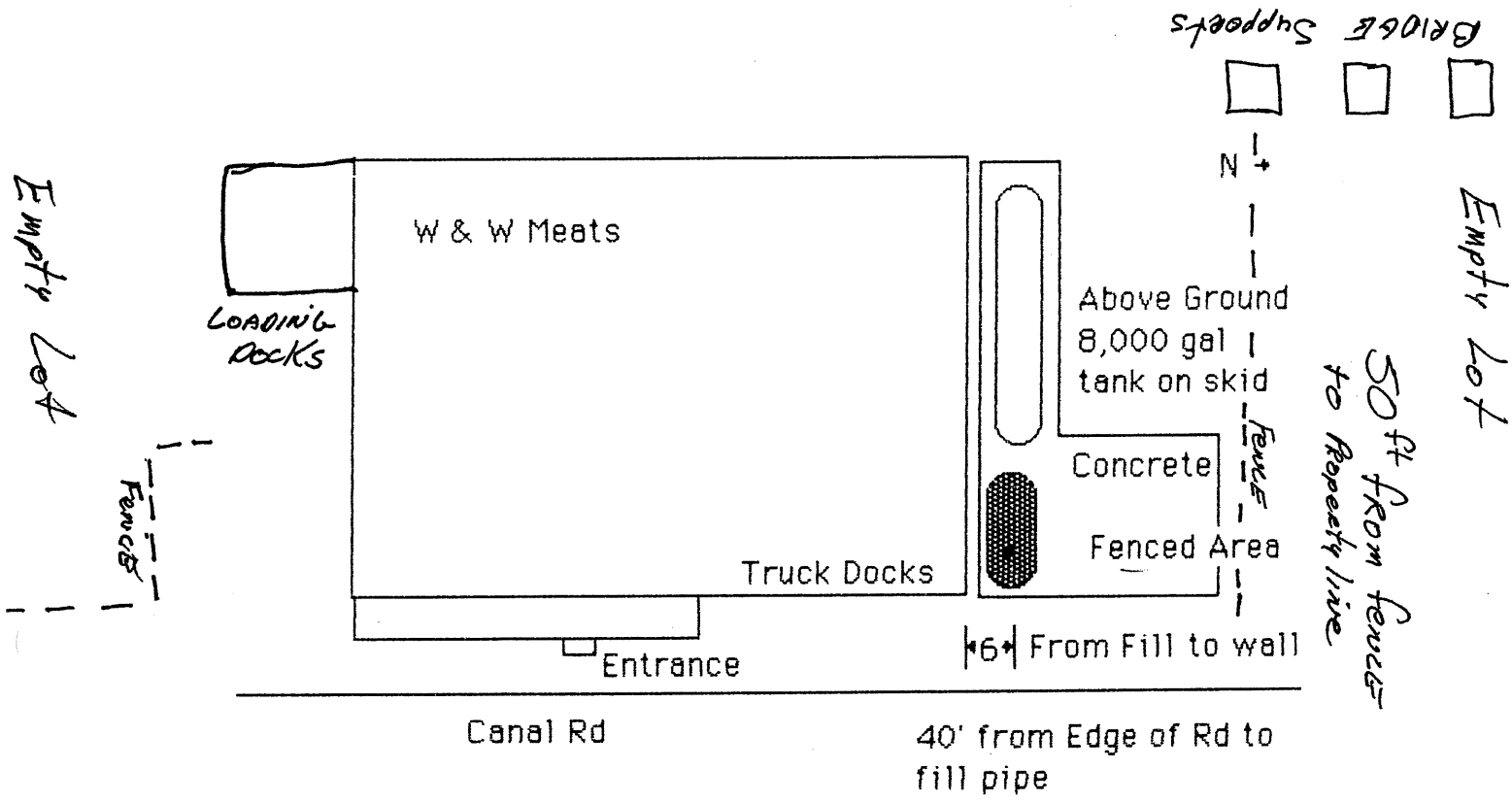
Applicant Clyde Null V.P. (SIGNATURE)
Clyde Null

Chief James J. McNamee 02 Zoning: Map ____ Sh ____ –
per O. Zakrzewski (FIRE PREVENTION BUREAU) Use ____

Removed by Stewart Maintenance **Tel:** 216-286-4189
11746 Kile Road, Chardon, OH 44024

Remarks ____

C OF C 73-22 F.P.B. 4/1/89



Cleveland Fire Dept March 20, 40 15593 50 ∞

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY

DIVISION OF FIRE

FIRE PREVENTION BUREAU

MARCH 26 1990

W/T W MEATS

2394 CANAL RD

A TANK REMOVAL WAS SCHEDULED FOR MARCH 26, 1990 AT 2394 CANAL RD. DUE TO UNFORSEEN CIRCUMSTANCES THE TANK COULD NOT BE REMOVED. STEWART MAINTENANCE WAS NOTIFIED THAT AN ADDITIONAL FEE WOULD BE CHARGED FOR ANOTHER DATE.

Inspector: Albert J. Cerro Jr.

COFC 73-204 A F.P.B. 4/19/67

8/20/68-40M

DATE: 3/27/90

TIME: 1100 hrs

Casp 02

TANK INSTALLATION/REMOVAL ROUTING FORM

LOCATION: 2394 Canal rd FACILITY: W to W Mart

____A/G TANKS SIZE & NUMBER: _____

1 U/G TANKS SIZE & NUMBER: 1 - 4,000 gal

CONTRACTOR: Stuart Maint. / Larry Stewart
256-4189

INSPECTOR (S): CASPO

SITE CONDITIONS:

____a. General Safety (Source of Ignition, etc.)

✓ b. Tanks empty of product [note type of product(s)] Gasoline

✓ c. Tanks purged (How?) Pumped out

✓ d. Conditon of tank(s): FAIR

____e. Contamination: NO CONTAMINATION APPARENT

____f. Permits (Tank Installation/Haz. Sub.) _____

Voided? _____ Permit No.(s). _____

REMARKS: Unable to Remove tank ; must RE SCHEDULE
TANK REMOVED 3/27/90

FPB revised 1/16/90

Site #21
White Properties

.73 FILE

76 1/11/54
36 11-29-53
[illegible]

CITY OF CLEVELAND
DEPARTMENT OF PUBLIC SAFETY - DIVISION OF FIRE
FIRE PREVENTION BUREAU

BUILDING RECORD
C.T. I. 1

K 708 11-28-55

STREET WEST 3 ST. HOUSE No. 1996 BLDG. NAME

STORIES 2 CONSTRUCTION BRICK ~~140 x 320 x 25~~

OCCUPANCY ~~I C~~ IND C. 175 x 175 H 25

OWNER or AGENT ~~Whitmer + Jackson~~ ADDRESS 1996 W 3

FOR PARTICULARS SEE INSPECTIONS BY WARDENS OR COMPANIES UNDER DATES LISTED BELOW IN INSPECTION FILE No. 2

Enter All Fires In Chronological Order In Red Ink

Leventhal Co. Blue

Date	Inspector	Conditions Found	ABATEMENT ORDERED	ORDERS COMPLIED WITH	SUMMONS COURT	Closed
26-41	#5455	@ 7.47 P.M. Grass sparks from Loco, none				
7-12-41	Reynolds	The Whitman Jackson Co. Soda & acid and Carbon Tetrachloride extinguishers on walls				O.K.
-6-44	Reynolds	Whitmer Jackson Co				O.K.
-20-45	#8033	at 4.46 P.M. Undetermined $50,000				
45	#8056	@ 9.45 A.M. old fire NONE				
5-50	Corrigan	River oil Insp. No Violations				O.K.
18/51	Hose 1	Co Insp.				
/11/51	Dempsey	Checked tank installation Martin Barrisa. No permit on job. Ordered additional trap on drain line.				
-20-52	Strubar	Whitmer Jackson				O.K.
-20-53	Cunningham	Form #91 See report in file # 6				
-27-53	Cunningham	Approved applc. 1-500 gal Cl #1 & 1-2000 gal Cl #2 dip tank tank				
13-54	Letter.	To Chief Cooney asking for water survey. Filed Chief Cooney.				
18-54	Letter	Chief Cooney folder Re Sprinkler system				
18-54	Behnke	approved plans for sprinkler system				
26-55	Hubach	Whitmer Jackson Co				OK
-1-55	Hubach	Approved installation 1-1000 gal underground tank for gasoline Due to water condition tank only 2 ft. down to be mounded 1 ft.				
4	Al. #559	@ 4.30 A.M. Broken Water Line				
-12-64	Sheehe	Insp. Letter requested # 704-64				
/31/64	Sheehe	Partial				
/10/64	Sheehe	Re Ck. Partial ~~abatement~~ continue				
/9/64	Sheehe	Cell ~~no action~~				
[illegible]	[illegible]	[illegible]				

WEST 3 ST. STREET

1996 HOUSE NO.

OTHER FRONTAGE

WK-32

E2

REET W. 3rd St. HOUSE No. 1996 BLDG. NAME

Date	Inspector	Conditions Found	Abatement Ordered	Orders Comp With	Summons Court	Closed
7/8/66	Herdrick	Checking on seals will continue				
9/12/66	Herdrick	Partial abatement - continue				
9/27/66	Herdrick	Complaint Nefa Electric			# 3213-66	
1-20-67	Herdrick	Insp. 2/o Viol's to Mr Nolan.			2 Viol's	dated FIL
4-5-68	Eland.	Insp.				FILE
7/29/68	Eland.	Fire Invest. #10634	See Report.			
8-8-68	Eland.	Re Insp. Owner has extended gasoline tank vent pipe 24" above loading dock canopy. Wiring to gas pumps is still temporary but will be repaired soon.				
3-11-69	Herdrick	Insp. 4 Viols noted.	Letter Reg. to S. Leventhal			FILE
3-14-69		Letter sent to Sheldon Leventhal				FILE
5-7-69	Herdrick	No action on seals - See report				
5-24-69	Herdrick	Re Insp. 3 Viols abated.	Work is not complete on other fire doors.			
8-2-70	Kleiner	Insp. Viols				FILE
11-12-70	Murphy	Insp. 7 Viols noted	See Report.			FILE
12-3-71	Eland	Complaint Insp. Refer to Bldg -	See Report			FILE
3-71	Reed	Reply from Div of Bldg re: refunds			# 449.71 + 454	FILE
6-11-71	#10635 @ 0122	Careless Smoker				$1,000.00
6/27/81	# 4701 @ 0123	AUTO - COL 895	Amend.			$500.00
8-13-81	GRAFF	INSP				FILE
3-11-83	SCOTT	PART. - GASOLINE ODORS IN BLDG - LEGEND SEE CAT ABANDONED TANK				
3-25-83	SCOTT	WITNESSED REMOVAL OF 1-500 GAL U.G. TANK				FILE
9-26-83	En 2	Maj. Insp No Viol				
11-14-95	Chambers	tank insp. - send violation letter				
3-13-96	G-SCOTT	PARTIAL - SEE REPORT				
7/25/96	Haiss	Send letter #1				FILE
6/11/98	Chambers	Site Inspection				

FORM 225-73

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY

DIVISION OF FIRE

Application No. 4336 Fee $1.00 Date November 27 1953

Permit Application
For the Storing, Handling, Sales or Use of
Hazardous Substances

Elmer M. Cain, Chief
Division of Fire

Applicant Whitner - Jackson Co

Location 1996 West 3rd St.

REMOVED 3/24/83 [illegible]

Building Height 2 story Construction Brick

Occupancy Lumber storage & Milling Other Occupancy none

Calcium Carbide ____

Corrosive Liquids ____

Dip Tanks ____

FLAMMABLE LIQUIDS

Class 1 500 Gals.

Class 2 ____ Gals.

Class 3 ____ Gals.

Fume Hazard Gases ____

Moisture Hazard Substances ____

Nitrocellulose Film ____

Portable Booths ____

Pyroxlin Plastic ____

Spray Booths ____

Tire Retreading & Rebuilding ____

Refinishing with Highly Flammable liquids such as Bowling Alleys and similar surfaces in places of Assembly ____

Unfired Pressure Vessels ____

STORAGE

Cabinets ____ Floor ____ Tanks 1 Vaults ____ Shelves ____

Location underground Use Sty.

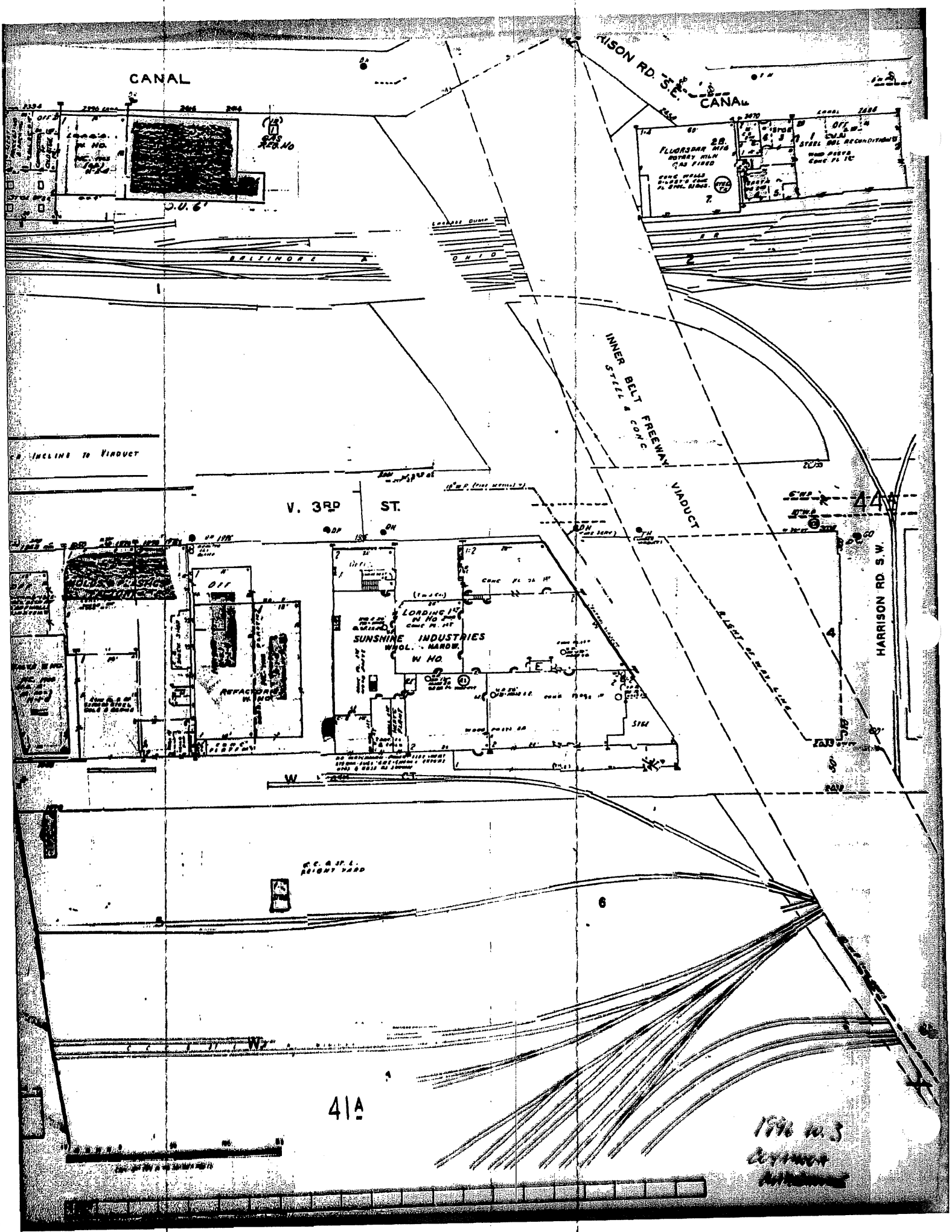
Transporting sealed containers Sales none

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained, and to comply with all ordinances of the City of Cleveland, the laws of the State of Ohio, and all the rules and regulations of the State Fire Marshal, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, Relating to the Storing, Handling, Sales, Transportation and use of Hazardous Substances.

THE WHITMER-JACKSON CO.
1996 WEST 3rd ST.
CLEVELAND 13, OHIO

Applicant [signature]

Date November 27 1953 Inspector R. J. Cunningham
[illegible]


CANAL
HARRISON RD. S.E.
CANAL
FLUORSPAR MFG
ROTARY MILN
GAS FIRED
STEEL BDG RECONDITIONING
BALTIMORE & OHIO
INNER BELT FREEWAY
STEEL & CONC
VIADUCT
INCLINE TO VIADUCT
W. 3RD ST.
SUNSHINE INDUSTRIES
WOOL - HARDW.
W HO.
LOADING PL
W HO
REFACTORY
W HO
HARRISON RD. S.W.
44
4
6
41A

FORM 2E5-73

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY

DIVISION OF FIRE

Application No. 4337 Fee $1.00 Date November 27 1953

Permit Application
For the Storing, Handling, Sales or Use of Hazardous Substances

Elmer M. Cain, Chief
Division of Fire

Applicant Whitmer-Jackson Co

Location 1996 West 3rd St.

Building Height 4 Story Construction Brick

Occupancy Lumber storage + Milling Other Occupancy None

Calcium Carbide	Nitrocellulose Film
Corrosive Liquids	Portable Booths
Dip Tanks 1	Pyroxlin Plastic
FLAMMABLE LIQUIDS	Spray Booths
Class 1 Gals.	Tire Retreading & Rebuilding
Class 2 Gals.	Refinishing with Highly Flammable liquids such as Bowling Alleys and similar surfaces in places of Assembly
Class 3 Gals.	
Fume Hazard Gases	
Moisture Hazard Substances	Unfired Pressure Vessels

STORAGE

Cabinets Floor Tanks Vaults Shelves

Location North west building Use Wood treating.

Transporting None Sales

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained, and to comply with all ordinances of the City of Cleveland, the laws of the State of Ohio, and all the rules and regulations of the State Fire Marshal, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, Relating to the Storing, Handling, Sales, Transportation and use of Hazardous Substances.

THE WHITMER-JACKSON CO.
1996 WEST 3rd ST.
CLEVELAND 13, OHIO

Applicant W. A. Hatch

Date November 27 1953 Inspector R. F. Cunningham
Fire Prevention Bureau

Remarks: Dip tank using "Wood-Kote" (flash point 565°F.) to treat wood against wood rot.

Tank capacity 2000 gallons equipped with metal covers.

Property Owners Permission

Cleveland, Ohio _____ 19____

_____ the owner of the premises described in the foregoing application hereby grants the lessee or agent permission to store the above mentioned Hazardous Substances at this location.

Owner _____

Address _____

Witness _____

Approved _____
BERNARD W. MULCAHY, Chief
FIRE PREVENTION BUREAU

FILE

CITY OF CLEVELAND
DEPARTMENT OF PUBLIC SAFETY
DIVISION OF FIRE

Permit No. 908

Application No. _____

File No. _____

Fee $ 5.00

$ _____

$ _____

$ _____

Total Fee $ 5.00

Application For Permit to Install Storage Tanks for Hazardous Substances

Cleveland, Ohio 11-28-1955

To the Chief of the Division of Fire:

I, Whitmer-Jackson Co. (owner) hereby make application for a permit to install Storage Tanks, for Hazardous Substances, as described in this Application and the accompanying drawing which are part of this Application.

LOCATION AND DESCRIPTION OF LOT

No. and Street 1996 W 3rd ST Sublot No. _____

LOCATION AND DESCRIPTION OF TANKS

Dimension and Capacity 1- 4' X 10'8" 1000 GAL TANK

Size of Vent 1 1/2" Size of Fill Pipe 3" Thickness of Tank Material 3/16"

Distance from Lot line 74' between tanks — from street line 4'

Distance from Buildings on Premises 3' Use of Tank GASOLINE

Installed by Standard Oil Co Address 3083 Broadway Tel. DI-1-0600

Owner Whitmer-Jackson Co Address 1996 W 3rd ST Tel. _____

Comments

EST COST $450.00

TANK ABANDONED

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained, and to comply with all ordinances of the City of Cleveland, the laws of the State of Ohio, and all the rules and regulations of the State Fire Marshal, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, relating to the Storing of Hazardous Substances.

Applicant Standard Oil Co by [illegible]

E 73-3-Gen Ind-
Sam. Insp 2/7

To the Chief of the Division of Fire:

I hereby certify that I have examined the data furnished by the applicant and the same is approved.

Examiner of Plans _____ Division of [redacted] Building.

I hereby approve the above application for Permit to install the tank (s).

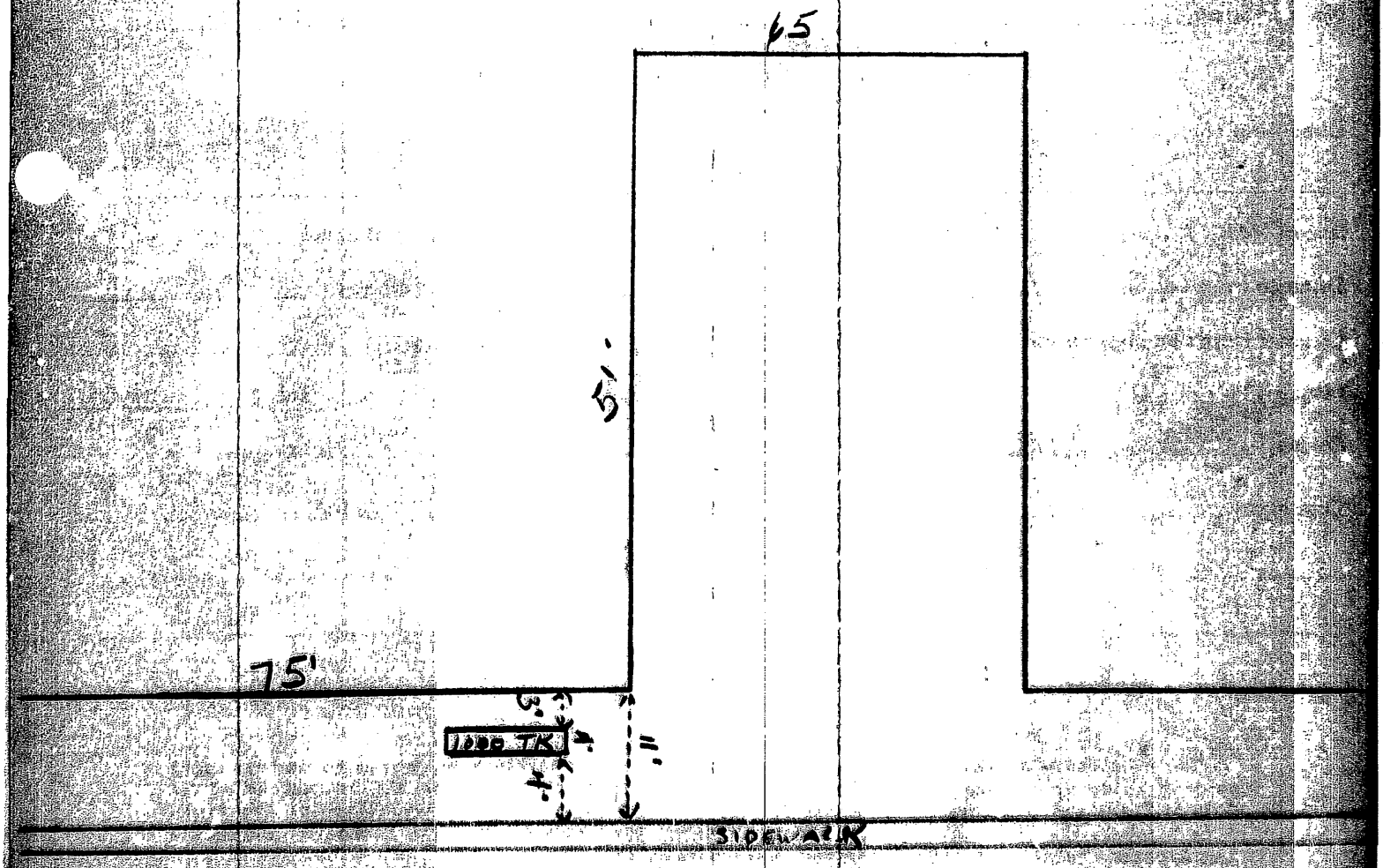
Elmer M. Carr Chief
DIVISION of FIRE

Per Gaetano E Schumacher

N →

SITUATION PLAN

Show all lot, buildings and street lines, giving distances.



I-1 Bn. 5

FOR MEMBERS AND SUBSCRIBERS AND THEIR AUTHORIZED EMPLOYEES ONLY

FILE NO. 35104
REPORT NO. A100,837
APRIL 4, 1963

CONFIDENTIAL

OHIO INSPECTION BUREAU

COLUMBUS, OHIO

AS

SPECIAL REPORT
(Suspending Report Service)

THE WHITMER-JACKSON COMPANY , d/b/a WHITJAX

CLEVELAND, OHIO. 1996-2000 West 3rd Street.

Sanborn. Volume 1A. Page 43A. Block 3. Correctly shown. Plan with Complete Report.

CLASS OF RISK: Sash and door warehouse, including woodworking.

* * * * * * * * * *

SUSPENDING REPORT SERVICE.

The insurance on this risk is now carried with the Factory Insurance Association and reported on under its File No. 34505. In view of this information report service under Bureau Report No. A100,837 and File No. 35104 is hereby suspended.

DM

W. R. Johnson, Inspector

FOR MEMBERS AND SUBSCRIBERS AND THEIR AUTHORIZED EMPLOYEES ONLY

FILE NO. 35104
REPORT NO. A100,837
JULY 7, 1961

CONFIDENTIAL

OHIO INSPECTION BUREAU

COLUMBUS, OHIO

AS

COMPLETE REPORT
(Superseding Previous Reports)

THE WHITMER-JACKSON COMPANY d/b/a WITJAX
(Formerly The Whitmer-Jackson Company)

CLEVELAND, OHIO. 1996-2000 West 3rd Street, S.W.

Sanborn. Volume 1A. Page 43A. Block 3. Correctly shown. Plan herewith.

CLASS OF RISK: Sash and door warehouse, including woodworking.

OWNER AND OCCUPANT: The Whitmer-Jackson Company d/b/a Witjax.

ACTIVITY: Normal.

* * * * * *

CHANGES SINCE LAST COMPLETE REPORT - JANUARY 29, 1959: The name of the risk has changed as shown above. There are no other changes of consequence.

CONDITION OF FIRE APPLIANCES: Sprinkler equipment is in service. All other fire appliances found to be in order.

SUMMARY

A FAIR heavy timber and brick risk of class. LIGHT exposure. GOOD outside protection. FAIR sprinkler protection covering the risk.

AMOUNT SUBJECT: Total. Entire risk is subject to one fire.

HISTORY: An old and well established sash and door concern operating at this location for many years. Insured operates at other locations in this and other states. Products are disposed of on a wholesale basis.

ADMINISTRATION: Good building maintenance and housekeeping. Unapproved metal waste cans. Metal lockers. Smoking forbidden, with signs posted. Good sprinkler maintenance.

No losses recorded within the past five year period.

DETAILS

CONSTRUCTION AND OCCUPANCY: A one and two-story building without basement having a ground floor area of 51,000 square feet. Built in 1906-24, the risk grades 69% heavy timber, 28% brick and 3% fire-resistive construction. Principally concrete on ground first floor with a wood overlay for Building No. 1 and minor areas in the warehouse. No objectionable concealed spaces. Generally fair protection of vertical openings. Open finish, except for the office areas.

The building is occupied as a sash and door warehouse, including auxiliary woodworking for custom work located in Building No. 1.

HAZARDS: Hazards are usual for class and are satisfactorily arranged, except for the preservative dipping operation without special protection, grading severe.

Common - Power and light, electric, wiring in conduit, mildly hazardous Heat - steam from low-pressure gas-fired boiler, satisfactorily arranged in a separate fire-resistive cut off area.

Special - Numerous woodworking machines located on the first floor, Building No. 1 which are equipped with an effective refuse collector system exhausting to three outside metal cyclones. The wood refuse is discharged from the metal cyclones to a small cut off fire-resistive room, satisfactory. Preservative dipping of doors in an unprotected 1,000 gallon metal dip tank equipped with a hand closing metal cover located in a cut off fire-resistive area, severe hazard due to the lack of special protection. The tank contains a listed preservative classed with kerosene and is filled by pump arrangement from an outside 2,000 gallon buried tank. After preservative dipping of the wood doors, the stock is permitted to drip over a large pit with gravity drainage back to the underground storage tank. Hand assembly and glazing in the warehouse area, satisfactory. One hand repairing trucks located in a cut off fire-resistive room, moderately hazardous. Listed solvent used for cleaning parts, satisfactory. Outside listed gasoline pumps supplied from an underground tank equipped with outside fill and vent, satisfactory. Six trucks stored overnight in the shipping room, moderately hazardous.

EXPOSURE: Light.

PROTECTION: Complete central station sprinkler supervision. Outside water motor sprinkler alarm. Standard supply of first aid fire appliances. Standpipe and hose system, of little value.

Full municipal protection grading Third Class.

SPRINKLER PROTECTION: Equipment - Entire risk, except mould storage racks equipped with standard Grinnell "B" 1954 sprinklers installed by the H. G. Vogel Company in 1954. Equipment conforms with present standards. Dry pipe sprinkler system provided with outside control valves.

Water Supply - GOOD for the risk. A 6" connection to a 10" circulating water main located in West 3rd Street. A water flow test indicated a static pressure of 82 pounds; residual pressure with 1,490 g.p.m. flowing was 60 pounds at grade, equivalent to 49 pounds at highest line of sprinklers.

Deficiencies - Numerous mould storage racks in the warehousing area, would obstruct water distribution to some extent.

SPRINKLER LEAKAGE: Complete central station sprinkler supervision. Outside water motor sprinkler alarm. A dry pipe sprinkler system equipped with outside control valves. Stock is highly susceptible to water damage.

EXTENDED COVERAGE: Windstorm - Risk grades semi-wind-resistive.

No unusual features regarding other Extended Coverages.

BUSINESS INTERRUPTION: No unusual features.

RECOMMENDATIONS

1. Drain back arrangement at dip tank drain pit should be rearranged to prevent flooding or overflow of underground storage tank.
2. Special automatic protection should be provided for preservative dip tank.
3. Sprinklers should be extended to the unprotected areas.

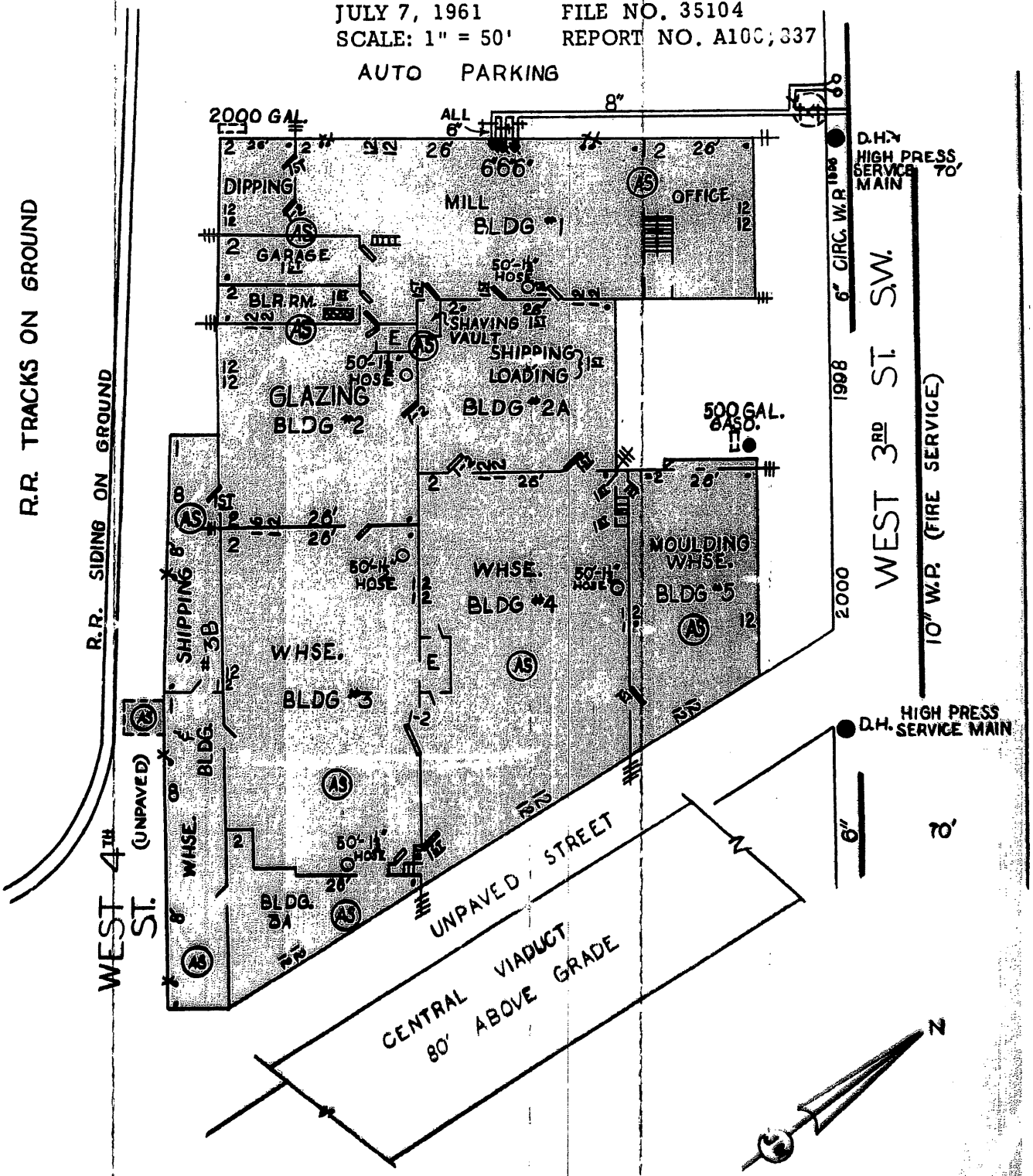
BB

A. H. Schechtman, Inspector

CONFIDENTIAL
For Members and Subscribers and
Their Authorized Employees Only
OHIO INSPECTION BUREAU

THE WHITMER-JACKSON CO. d/b/a WITJAK
CLEVELAND OHIO

JULY 7, 1961 FILE NO. 35104
SCALE: 1" = 50' REPORT NO. A100,337



C OF C 78-204A

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY
DIVISION OF FIRE

FIRE PREVENTION BUREAU

August 10 1965

SIR: Chief John Schlund
Fire Prevention Bureau

1996 West 3rd St - cont'd.

Hazardous substances: 1000 gallon - gasoline U.G. Tank
Fill and vent in good order.
900 gallon turpentine in 1 gallon
cans.
2000 gallon liquid floor waxes
in 1 gallon cans.
250 gallon spray paint in
8 oz spray cans.

Permits - #4336 - 4337

No apparent violations not

Inspector H. E. Clark

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY
DIVISION OF FIRE

FIRE PREVENTION BUREAU

3/25/1983

Memo Tank Removal

1996 W3 Cuyahoga Warehouse

1-500 gallon steel tank removed from north-west corner of building by Ralph Collins from Ashtabula.

File

Inspector: M. Scott

COF 673-[illegible]

City of Cleveland
Jane L. Campbell, Mayor

Department of Public Safety
Division of Fire
Kevin G. Gerrity, Chief
1645 Superior Avenue
Cleveland, Ohio 44114-2984
216/664-6800 • Fax: 216/664-6816
www.city.cleveland.oh.us

March 18, 2002

Mr. Andy Lakowitz
Global Reserve
1996 West 3rd Street
Cleveland, Ohio 44113

RE: 1996 West 3rd Street
ABANDONED UNDERGROUND STORAGE TANK(S)
CERTIFIED MAIL

Dear Mr. Lakowitz:

A recent inspection of the subject location by Inspector Chambers from the Division of Fire, revealed that the underground storage tanks have not been properly abandoned.

Underground storage tanks shall conform to Municipal Code 383.28(b) and ref: National Fire Protection Association Standard #30, Appendix C.

1. Any tank not used for a period of ninety (90) days shall be safeguarded or removed properly, in a manner approved by the Fire Inspector.

2. Any tank which has been abandoned for a period of one (1) year, shall be removed from the property in a manner approved by the Fire Inspector. The site shall be restored in an acceptable manner.

3. Tanks which are to be returned to service, shall have passed an approved, tank tightness test and the results sent to the Cleveland Fire Prevention Bureau.

4. The contractor must be certified by the State Fire Marshal's Office.

5. A tank removal application and permit must be obtained from the Fire Prevention Bureau prior to commencing any work.

March 18, 2002

1996 West 3rd Street
ABANDONED UNDERGROUND
STORAGE TANK(S)
CERTIFIED MAIL

6. All work shall be done in the presence of an Inspector from the Cleveland Fire Prevention Bureau. At least forty-eight (48) hour's notice shall be given to the bureau so that an inspector may be present.

7. All tank closures must be performed in accordance with all rules governed by the Bureau of Underground Storage Tanks, Division of the State Fire Marshal, including site assessments.

You are hereby notified to abate the above violations by thirty (30) days from the mailing date of this letter. If you are aggrieved by this order, you may file an appeal with the Board of Building Standards & Building Appeals, Room 516 City Hall, within thirty (30) days from the mailing date of this letter.

If you have any questions, please call Inspector Chambers at the Cleveland Fire Prevention Bureau, [216] 664-6664. The Bureau's FAX is [216] 664-6681.

Sincerely,

Mark J. Scott, Captain
Fire Marshal

MJS/jds

cc: Lieutenant Zahorodnij, FPB HazMat Unit
Inspector Chambers, FPB Tank Unit
file

Site #22
Nova Properties

FORM 211-73 FILE

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY DIVISION OF FIRE — BUILDING RECORD

FIRE PREVENTION BUREAU

T- 519 10-29-53 C.T.....

STREET WEST 4th St HOUSE No. 1968-70 BLDG. NAME

STORIES 1½ H CONSTRUCTION

OCCUPANCY Storage

OWNER OR AGENT ADDRESS

FOR PARTICULARS SEE INSPECTIONS BY WARDENS OR COMPANIES UNDER DATES LISTED BELOW IN INSPECTION FILE NO.----------

Enter All Fires In Chronological Order In Red Ink

Date	Inspector	Conditions Found	Closed
7-10-44	Reynolds	National Eng. Co.	O/S.
9-10-46	Clooney	Nat. Eng. Co	O/C.
1-5-50	Corrigan	River Coil Insp. No Viols.	
7-26-66	Pardy	Card to remain	FILE
1-24-67	Herdrick	Insp. 3-2/6 Viol's to Stanley Abrams Letter Dep	FILE
3-28-67	Herdrick	Re: Sheet Past. Abate. Salamander Ordered Out of Garage, See Report	FILE
5-1-68	Eland.	Insp.	FILE
3-24-69	Heidrick	Insp. Viol & statement noted. also Ref FILE Elect # 367-69 See Report.	FILE
3-2-70	Kliner	Insp Viols	FILE
11-23-70	Murphy	Insp. 2 Viols noted See Report	FILE
8-19-73 # 1951 @ 4:55		1968 W. 4th 1 Sty Fr Garage Undet. $100,000.00	
8-20-73#	1951 711	Insp. Keans. Mixed by persons Unknown. Inactive.	
1-31-74	Eland	Fire damaged Bldg rep'd. Will Check on disposition of Tanks See Report	FILE
2-11-74	Eland.	Vacant lot Letter Rq. re: abandoned Tanks.	
2-13-74	Letter sent 6.	K C Barry. Mgr. Real Estate	FILE
3-20-74	Eland.	re: abandoned tanks. See Report	FILE
3-21-74	Eland.	re: 1/16. gasoline tank See Report	FILE
3-25-74.	Eland.	re: abandoned tanks See Report	FILE
	RAZED	1-14-74	

HOUSE NO. — STREET — OTHER FRONTAGE

W. 4th St

1968-70

W.R. 8-12-74

C of C 73-211 **FILE**

CITY OF CLEVELAND

BUILDING RECORD

DEPARTMENT OF PUBLIC SAFETY—DIVISION OF FIRE

C. T. _____

FIRE PREVENTION BUREAU

STREET West 4th HOUSE No. 1970 BLDG. NAME

STORIES 1½ CONSTRUCTION METAL SHEATH III

OCCUPANCY STORAGE

OWNER OR AGENT ADDRESS

FOR PARTICULARS SEE INSPECTIONS BY WARDENS OR COMPANIES UNDER DATE LISTED BELOW IN INSPECTION FILE NO. _____

Enter All Fires In Chronological Order in Red Ink

Date	Inspector	Conditions Found	Closed
12-64	Sheehe	Insp. mail notice - 1. service O_2 cylinders ② separate O_2 + H_2 cyl & chain to wall.	
1/18/65	Clements	Insp. Verbal clean out	
6-12-65	Clements	Re Ch rusted appl 1-750 gal skid tank	
1-15-65	Clements	Re Ch skid tanks scrap/seal	
3-1-67	Herdrick	3 Visits noted from 1-24-67 Insp Card. 2 abatements 1-abated. Letter Req. to Stanley Abrasives.	
3-28-67	Herdrick	Re: Cheer Paint Skate: Salamander ordered out of Garage.	

STREET West 4th

HOUSE NO. 1970

OTHER FRONTAGE

FILE

CITY OF CLEVELAND
DEPARTMENT OF PUBLIC SAFETY
DIVISION OF FIRE

Permit No. 519

Application No. _____

File No. _____

2-1000 Fee $ 5.00

$ _____

$ _____

$ _____

Total Fee $ 10.00

Application For Permit to Install Storage Tanks for Hazardous Substances

Cleveland, Ohio 10/29/53 19__

To the Chief of the Division of Fire:

I, National Engineering & Contracting Co. (owner) hereby make application for a permit to install Storage Tanks, for Hazardous Substances, as described in this Application and the accompanying drawing which are part of this Application.

LOCATION AND DESCRIPTION OF LOT

No. and Street 1968-10 W. 4TH ST. ~~Central & W. 4th~~ Sublot No. _____

LOCATION AND DESCRIPTION OF TANKS

Dimension and Capacity 2-1000 gal tanks 4' X 10'8"

Size of Vent 1½" Size of Fill Pipe 3" Thickness of Tank Material 3/16"

Distance from Lot line 50' between tanks 2' from street line 27'

Distance from Buildings on Premises 40' Use of Tank Gasoline & Diesel Oil

Installed by Standard Oil Co. Address 3683 Broadway Ave Tel. DI. 1-0600

Owner Natl. Eng. & Cont. Co. Address Central & W. 4th Tel. Pk. 1-2460

Comments #

Estimated cost - 950.00

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained, and to comply with all ordinances of the City of Cleveland, the laws of the State of Ohio, and all the rules and regulations of the State Fire Marshal, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, relating to the Storing of Hazardous Substances.

Applicant Standard Oil Co. [signature]

SAN. VOL 2
Pg. 7

GEN. IND. B 3
O.K. BLDG DEPT.
10/28/55.

To the Chief of the Division of Fire:

I hereby certify that I have examined the data furnished by the applicant and the same is approved.

Examiner of Plans George Morsica Division of [redacted] Building.

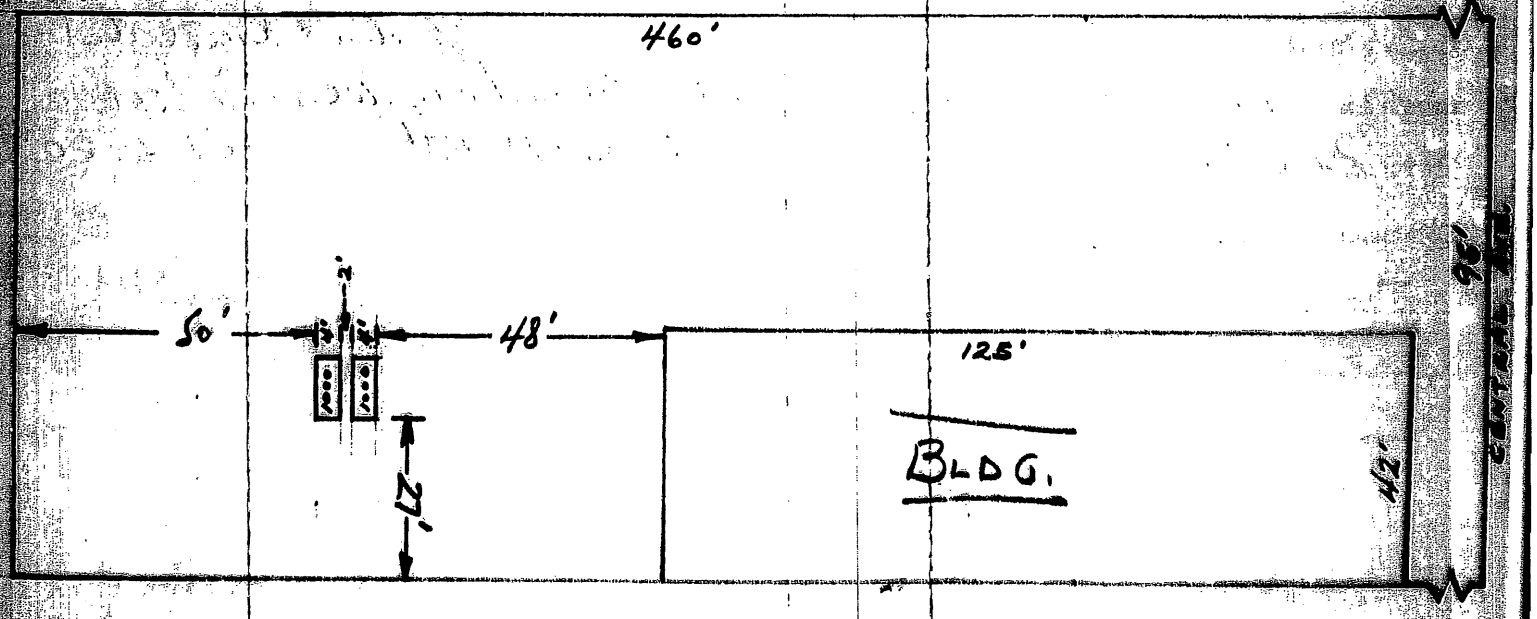
I hereby approve the above application for Permit to install the tank (s).

Elmer M. Cain Chief
DIVISION of FIRE

Per W. L. M. E. Clure Capt
7. P. B.

SITUATION PLAN

Show all lot, buildings and street lines, giving distances.



SCALE 1" = 50'

C OF C 73-204A

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY

DIVISION OF FIRE

FIRE PREVENTION BUREAU

August 18 19~~62~~

SIR: Chief John Schlund
Fire Prevention Bureau

X Bldg Inspection:
1970 West 4th St - 1½ story Type IV - 40'0" x 115'-1" x 25'-4".
Owner: New York Central R.R.
Occupant: Stanley Abrams - address same - Storage N.C.
Heat: gas evaded heaters - vented - meter on E. wall.
Extinguishers: 4 - 10# CO_2
4 - 2½ gallon soda - acid

Note: 1 - 1000 gallon H.T. Tank - Class I liquid
2 - 250 gallon Skid tanks - Class II liquid
No permits on record.

Verbal order to clean and remove rubbish from area around bldg.

No other violations noted.

Inspector: Lt E. Clements

C of C 73-225

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY

DIVISION OF FIRE

Permit No. 19309 Fee $ 2.00 Date 10/12 19 65

Expiration Date _____ 19 ____

Permit Application
For the Storing, Handling, Sales or Use of
Hazardous Substances

Elmer M. Cain, Chief
Division of Fire

Applicant ANCO. Corp.

Location 1970 West 4th St.
(NUMBER AND STREET)

Building Height 25 Stories 2 Area: 4000 L 1000 W 40 Construction 1-2-3-(4) A-B-C

Occupancy Business - office Other occupancy _____

One Application for each No. Item. List Kind and Quantity of Substance.

1. Calcium Carbide _____
2. Corrosive Liquids _____
3. Flammable Liquids: _____
   Class 1 250 gallon skid tank
   Class 2 _____
   Class 3 _____
4. Fume Hazard Gases _____
5. Moisture Hazards _____
6. Nitrocellulose Film _____
7. Pyroxlin Plastic _____
8. Tire Ret'g. & Rebldg. _____
9. Refinishing with Highly Flammable Liquids, i.e., bowling alleys, other assemblies _____
10. Dip tanks _____ Spray Booths _____ Spray Rooms _____
11. Unfired Pressure Vessels: L.P. ____ H. ____ O. ____ Acetylene ____ Other _____
12. Other Substances _____

STORAGE

Cabinets _____ Floor _____ Tanks ✓ Vaults _____ Shelves _____

Sealed Containers _____ Dispensing _____

Use _____ Sales _____

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY

DIVISION OF FIRE

FIRE PREVENTION BUREAU

MARCH 2 1920

Own.

1920 - W. 4TH ST.

ADDITIONAL BLDG'S ON PROPERTY

401 - CENTRAL S.W. 1-STORY FRAME 12'H
15'X 35' TYPE IV
STORAGE (METAL JUNK)

1-STORY SHEET METAL
40'X40' TYPE II
STORAGE (TRUCKS)

H/HOUSEKEEPING - POOR

VIOLATIONS - EXTINGUISHERS PLACED ON FLOOR
5# CO_2 - EXT EXPIRED.
POOR HOUSEKEEPING
GASOLINE USED FOR CLEANING ABATED
PROPANE & ACET. TANK - USED - LEFT IN CORNER IN
HORIZONTAL POSITION ON FLOOR - TOLD TO UPRIGHT & TO PUT
OUTSIDE

U/G TANKS - 1 - 1000 GAL FOR GASOLINE
1 - 1000 GAL FOR DIESEL

Inspector: W. R. Fisher Lt.

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY

DIVISION OF FIRE

FILE

FIRE PREVENTION BUREAU

Jan 31 19 74

1970 W 45 St -

Re: Rage permit 3014

Rage storage bldg

Fire damaged building has been razed and material removed from premises.

Foundation (no cellar) platform about 3' high left in place.

This building damaged by fire:

Alarm 1935 8/19/73 - Undetermined

Loss $200,000

Tank permit 519 was issued to this location for 2 - 1000 gal underground tanks.

Drill check on disposition of tanks which are indicated to be 48' south of the building.

Inspector: Robert E. Vandy, Capt.

file

FILE

February 13, 1974

Mr. K. C. Barry, Manager, Real Estate
c/o Mr. F. A. Andeits, Supervisor
Penn Central Transportation Co.
114 W. Concourse - Union Terminal
50 Public Square
Cleveland, Ohio 44113

Re: 1970 West 4th Street
Vacant Lot
Abandonment of Underground Tanks

Dear Sir:

A recent inspection of the subject location by Captain Eland of the Cleveland Division of Fire revealed that underground tanks formerly used for storage of petroleum liquids are no longer in service and have not been properly abandoned.

Underground tanks shall conform to Section 5.2118 of the Codified Ordinances of the City of Cleveland and the National Fire Protection Association Pamphlet No. 30, as follows:

(a) Place in a "temporarily out of service" condition only when it is planned that they will be returned to active service at the location or pending removal within ninety (90) days.

(b) Abandoned in place, with proper safeguarding.

(c) Removed.

To render a tank "temporarily out of service":

(a) Cap the fill line, gauge opening and pump suction; secure against tampering.

(b) Leave the vent line open.

To abandon an underground tank in place:

(a) Remove all petroleum liquid from the tank and from all connecting lines.

(b) Disconnect the suction; inlet gauge and vent lines.

(c) Fill the tank and any remaining stubs completely with a non-shrinking inert solid material (e.g., sand), and cap all tank inlets and outlets.

All work shall be done in the presence of an inspector from the Division of Fire. At least twenty-four (24) hours notice shall be given (telephone 621-1230), in order that an inspector may be present.

You are hereby notified to abate the above violation by March 13, 1974.

If there are any questions, please call Captain Eland at 621-1230.

Sincerely,

William E. Barry, Chief
Division of Fire

WEB:MT
cc: Capt. Eland
File

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY

DIVISION OF FIRE

FIRE PREVENTION BUREAU

FILE

March 20 19 74

1970 W 4 St. –

Re: Abandoned tanks

The fire damaged building on this site was razed some time ago.

A letter was sent on Sept. 13, 1974 ordering proper abandonment of tanks formerly used for storage of flammable liquids.

No action has been taken by owners.

I will contact owners and follow up on this.

Inspector: Robert E. Lamb, Capt.

COF C73-204 A E P B-4/ 19/67

3/1/72 — 30M

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY

DIVISION OF FIRE

FIRE PREVENTION BUREAU

FILE

Mar 21 19 74

1070 W 47 St - Vacant Lot.

Re: Underground gasoline tank

Contacted Mr. F. A. Anders Supervisor Penn Central Transportation Co. Real Estate Dept. re: abandonment of gasoline tanks on this property.

Mr. Anders was not sure who was responsible for these tanks and did not think Penn Central would do anything about them.

I will continue on this.

Inspector: Peter E. Land, Capt.

COFC 73-204 A E-P-B-4/19/67

3/1/72 — 30M

Site #23
NS Railroad Building

181068

Registration Permit Application for Underground Storage Tanks

Ohio Department of Commerce
Division of State Fire Marshal

THIS IS A TWO PAGE APPLICATION. PLEASE READ THE GENERAL INFORMATION PRINTED ON THE REVERSE SIDE.

STATE USE ONLY
I.D. Number
Date Received

OH

INSTRUCTIONS

Please type or print in ink all items except "signature" on page one and if it is a NEW INSTALLATION also page two. An application must be completed for each location containing underground storage tanks. If more than 5 tanks are owned at this location, photocopy page two or you may obtain additional copies by calling (614) 752-8200.

Indicate number of page two sheets attached: 1

I. OWNERSHIP OF TANK(S)

Owner Name (Corporation, Individual, Public Agency, or Other Entity)
NORFOLK & WESTERN RWY CO.

Street Address
8 NORTH JEFFERSON ST.

County
ROANOKE

City | State | ZIP Code
ROANOKE | VA | 24042-13

Area Code | Phone Number
(703) 981-4154

Type of Owner *(Mark all that apply X)*

- ☐ Current
- ☐ Former
- ☐ State or Local Gov't
- ☐ Federal Gov't (GSA facility I.D. no. _____)
- ☒ Private or Corporate
- ☐ Ownership uncertain

II. LOCATION OF TANK(S)

(If same as Section 1, mark box here ☐)

Facility Name or Company Site Identifier, as applicable
NORFOLK & WESTERN RWY CO.

Street Address or State Road, as applicable
840 MINKON AVE

County
CUYAHOGA

City (nearest) | State | ZIP Code
CLEVELAND | OH | 44104

Indicate number of tanks at this location: 1

Mark box here if tank(s) are located on land within an Indian reservation or other Indian trust lands ☐

III. CONTACT PERSON AT TANK LOCATION

Name (If same as Section I, mark box here ☐) | Job Title | Area Code | Phone Number
JOHN L. HARTMAN III | GENERAL FORMAN | (216) | 621-9019

IV. TYPE OF APPLICATION

☒ New Permit Application ☐ Renewal Permit Application ☐ Modified Permit Application

V. LOCAL FIRE DEPARTMENT

Fire Department Name

Street Address
1645 SUPERIOR AVE

City | State | ZIP Code
CLEVELAND | OH | 44114

STATE USE ONLY

VI. PERMIT FEE CALCULATION —COMPLETE ONLY BLOCK A OR B

A. NEW/RENEWAL PERMIT APPLICATION

TOTAL TANKS AT THIS LOCATION: 1
MULTIPLY BY REGISTRATION FEE X $ 20.00
TOTAL FEE: 20.00

B. MODIFIED PERMIT APPLICATION

TOTAL NEW TANKS INSTALLED:
MULTIPLY BY REGISTRATION FEE X $ 20.00
TOTAL FEE: .00

MAKE CHECK OR MONEY ORDER PAYABLE TO: STATE FIRE MARSHAL FOR THE TOTAL FEE AMOUNT

RETURN WHITE COPY OF PAGE 1 AND 2 AND YOUR REGISTRATION FEE TO:
Bureau of Underground Storage Tank Regulations
P.O. Box 525
Reynoldsburg, OH 43068-3395

MAIL PINK COPY OF PAGE 1 AND 2 TO THE LOCAL FIRE DEPARTMENT (SEE SECTION V. ABOVE)

VII. CERTIFICATION (Read and sign after completing page two)

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Name and official title of owner or owner's authorized representative: E.M. ROACH JR
Signature: E.M. Roach Jr
Date Signed: 3/31/89

CONTINUED ON PAGE TWO

181068

Owner Name (from Section I) NORFOLK & WESTERN RWY CO Location (from Section II) CLEVELAND OH

DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location)

Tank Identification No. (e.g., ABC-123), or Arbitrarily Assigned Sequential Number (e.g., 1,2,3...)	Tank No. 1	Tank No. 2	Tank No. 3	Tank No. 4	Tank No. 5
A. Status of Tank *(Mark all that apply ☒)*					
1 Currently in Use	☐	☐	☐	☐	☐
2 Temporarily Out of Use	☐	☐	☐	☐	☐
3 Permanently Out of Use	☒	☐	☐	☐	☐
B. Date Installed (mo/yr.)	/	/	/	/	/
C. Estimated Total Capacity (Gallons)	500				
D. Tank Material of Construction *(Mark one ☒)*					
1 Steel	☒	☐	☐	☐	☐
3 Concrete	☐	☐	☐	☐	☐
2 Fiberglass Reinforced Plastic	☐	☐	☐	☐	☐
0 Unknown	☐	☐	☐	☐	☐
9 Other, Please Specify					
E. Tank Internal Protection *(Mark all that apply ☒)*					
3 Cathodic Protection	☐	☐	☐	☐	☐
1 Interior Lining (e.g., epoxy resins)	☐	☐	☐	☐	☐
2 None	☐	☐	☐	☐	☐
0 Unknown	☒	☐	☐	☐	☐
9 Other, Please Specify					
F. Tank External Protection					
Cathodic Protection	☐	☐	☐	☐	☐
1 Sacrificial Anodes	☐	☐	☐	☐	☐
2 Impressed Current	☐	☐	☐	☐	☐
3 Steel-FRP-Composites	☐	☐	☐	☐	☐
4 Painted (e.g., asphaltic)	☐	☐	☐	☐	☐
5 Unknown	☒	☐	☐	☐	☐
9 Other, Please Specify					
0 None	☐	☐	☐	☐	☐
G. Piping *(Mark all that apply ☒)*					
1 Bare Steel	☐	☐	☐	☐	☐
2 Galvanized Steel	☐	☐	☐	☐	☐
3 Fiberglass Reinforced Plastic	☐	☐	☐	☐	☐
4 Cathodically Protected	☐	☐	☐	☐	☐
0 Unknown	☒	☐	☐	☐	☐
9 Other, Please Specify					
H. Substance Currently or Last Stored in Greatest Quantity by Volume *(Mark all that apply ☒)*					
8 a. **Empty**	☐	☐	☐	☐	☐
b. **Petroleum**					
2 Diesel	☐	☐	☐	☐	☐
3 Kerosene	☐	☐	☐	☐	☐
1 Gasoline (including alcohol blends)	☒	☐	☐	☐	☐
4 Used Oil	☐	☐	☐	☐	☐
9 Other, Please Specify					
c. **Hazardous Substance**					
7 Please Indicate Chemical Abstract Service (CAS) No. of Principal CERCLA Substance					
Mark box ☒ if tank stores a mixture of substances	☐	☐	☐	☐	☐
0 **Unknown**	☐	☐	☐	☐	☐
I. Corrosion Protection (if tank or piping are steel))					
As specified for factory-installed cathodic protection for steel tanks	☐	☐	☐	☐	☐
As specified for field-installed cathodic protection for steel tanks	☐	☐	☐	☐	☐
As specified for steel piping	☐	☐	☐	☐	☐
Another method approved by the State Fire Marshal. Specify:					
J. Installation *(Mark all that apply ☒)* **New tank systems only**					
1 The installation was inspected by state or local fire officials	☐	☐	☐	☐	☐
2 Manufacture-supplied checklists of installation procedures were completed	☐	☐	☐	☐	☐
3 The tank and piping were tested for leaks during and after installation	☐	☐	☐	☐	☐

Type of Inspection
Special Hazard ☐
Major ☐
Target ☐
Ordinary ☑
Vacation notice issued _____
1st Reinspection Date _____
2nd Reinspection Date _____
Referred to the FPB _____

CLEVELAND FIRE DEPARTMENT

Parcel # _____ Census Tr. 1097
Building No. 2 Station No. 7
Address 840 Minkon
Owner's Name Norfolk + Western
Owner's Phone 440-892-2438
Last inspection Date _____

Date 4-3-98
Battalion No. 2
Company No. Eng 7
Companies Assisting _____

Business Name Norfolk + Western Occupancy Type Storage Group U
Managers Name Pete Hummel Business Phone 440-892-2438 Emergency Phone 440-892-2459
Building Height 10' No. of Stories 1 Construction Type (I) II III IV Razed ____
Sprinkler Last Tested _____ Standpipe Last Tested _____ Fire Pump Last Tested _____

General	Yes	No	Violations/Comments	Abated
Roof Openings Type + Number		X		
Elevators Type + Number		X		
Exits provided and maintained \ No. 1	X			
Stairways Closed\Open		X		
Extinguishers Maintained & Type		X		
Sprinkler System Type + O,S,&Y Location		X	Wet - Dry - Combination - Partial	
Standpipe Type + Location of Outlet		X		
F. Dept. Connections & Locations		X		
Fire Alarm Control Panel & Location		X		
Other Fire Control Systems & Type		X		
Proper Wiring/Fuses & Electrical Shutoff Loc.			N/A	
Gas Shutoff Accessible\Location			N/A	
S.A.R.A. Facility		X		
E.H.S.		X		

Storage Tanks Above Grade No. Used No. Unused Products Stored
Storage Tanks Below Grade No. Used No. Unused Products Stored

For each of the following an individual Hazardous Substance Permit is required. List the **Permit No.** and the **Expiration Date** for each that apply.

	Permit No.	Exp. Date		Permit No.	Exp. Date
1. Corrosives			7. Liquified Petroleum Gases		
2. Flammable Liquids			8. Oxidizers		
3. Combustible Liquids			9. Reactive Chemicals		
4. Flammable Solids			10. Nitrocellulose Film		
5. Compressed Gases			11. Pyroxlin Plastic		
6. Organic Peroxides			12. Radioactive		
13. Refinishing with Highly Flammable Liquids i.e., bowling alleys, other assemblies					
14. Dip Tanks, Spray Booths or Spray Rooms					
15. Other Substances					

Best Means of Entry Front Door

Special Hazards/Information Storage Building For Railroad Maintenance - Contains Small Amounts of Cleaning Solvents, Oils, Grease, Gasoline, - No Chemicals, No Large Amounts Of Above Inspected By DK Carlson A.L. Shift C

C of C 73-1191 revised 11\95

Site #24
James Vincent

FILE
FORM 211-73

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY - DIVISION OF FIRE

BUILDING RECORD

FIRE PREVENTION BUREAU

C.T. I. 1

STREET CANAL RD. HOUSE No. 2515 BLDG. NAME

STORIES 2 CONSTRUCTION BRICK [illegible]

OCCUPANCY C-A [illegible]

OWNER or AGENT [illegible] ADDRESS [illegible]

FOR PARTICULARS SEE INSPECTIONS BY WARDENS OR COMPANIES UNDER DATES LISTED BELOW IN INSPECTION FILE No. 2

Enter All Fires In Chronological Order In Red Ink

Date	Inspector	Conditions Found	ABATEMENT ORDERED	ORDERS COMPLIED WITH	SUMMONS COURT	Closed
9-11-41	Reynolds	American Vinegar Co. - 2nd fl. Liv. quarters 1st fl. Vinegar stock & filling room. all in order				OK
-5-44	Reynolds	[illegible] metal [illegible]				[illegible]
-23-47	#4098 at	1:52 P.M. Br Industrial Care Cigarette			None	—
-19-47	Bechtold	Clev. De-Cal. Co. Mel. [illegible] and [illegible] the ceiling heaters removed on account of fumes from flammable liquids that are used in this plant.				
-14-49	Dempsey	Chimney not repaired. [illegible] repairs by [illegible]				
-3-49	Dempsey	repairs made [illegible]				
-23-52	Wyman	Pump & Ice Machine Co				OK
-17-64	Sheehe	Insp - Ref Reg to Elec. 7-22-64			Letter Reg	7-22-64
7/21/64	Sheehe	Recheck				
9/30/64	Sheehe	Partial				
11/10/64	Sheehe	Re Ck Abated				
3/16/65	Clements	Insp				[illegible]
-12-67	Hedrick	Insp. 2 V/o Viol to Mr Barter				FILE
3-28-67	Heidrick	Re Check Partial Abate				
4-9-68	Eland	Insp.				FILE
3-17-69	Hedrick	Insp 2 Viol noted V/o's issued				FILE
-3-70	Klemens	Insp 1 Viol				FILE
4-27-70	Klemens	unable to gain entrance				
5-6-70	Klimes	Reinsp. Viols still exist				
6-3-70	Klimes	Re Insp. Viol's still exist				
-25-70	Murphy	Insp. Viol noted [illegible] Report				FILE

STREET CANAL RD.

HOUSE No. 2515

OTHER FRONTAGE

E2

STREET | HOUSE No. | BLDG. NAME

Date	Inspector	Conditions Found	Abatement Ordered	Orders Comp With	Summons Court	Closed
12-21-70	Murphy	Reinsp Vio abated	Complete			
1-23-81	E-2	NONE				
3-30-82	E-3	No Vios				
1/9/86	Smith	Target Complete 5 c/o	Send letter	/ A		
6-13-86	Smith	Notice of Violation letter sent				
1/4/90	Little	Partial Insp. report to	follow			
1/15/90	Little	Complete Reinsp. report to be	See report			
3/16/90	Little	Complete Insp.	See report			file
1/6/95	AUSTIN	TARGET : 1 VIO: PERMITS				
1-16-95	AUSTIN	RE-INSP. ; SEE REPORT				

C OF C 73-204

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY

DIVISION OF FIRE

FIRE PREVENTION BUREAU

FILE

FILE

August 17, 1964

SIR: X 2515 Canal Rd.

Two story - brick walls - basement

Frame roof deck - Type III

34' Long - 22' High 24' high

Owner Mrs. Mary Bastic 11219 Matilda Ave. Cleveland, O.

Occupant Pump & Ice Machine Co. Inc.

Occupancy Ind. NC- machine shop that specializes in repair of ice making machinery.

Accompanied by Mr. Edward Bastic, Manager

Description An old (approx. 75 yrs.), rectangular shaped building that was originately a saloon, now as a machine shop. Four employees

2nd Floor Machine tools - office - lunch room

1st floor Machine tools i.e. lathes, grinders, shapers.

Basement Machine tools - storage

Attached 1-story shed at rear - storage

Heating 2 overhead gas blower units 1 inbasement - 1-1st fl. gas heater(enclosed) 2nd floor

Stairways S. side interior to 2nd fl. (open)
S. side interior to basement(semi-enclosed)

Exits s. side plus 2 small overhead doors south side

Gas shut-off NW corner of basement

electric shut-off NW corner of basement

Fire Protection 1-soda acid, 1-CO2

Housekeeping Fair

992-64 Refer to Electrical Dept.
2515 Canal Rd
Pump & Ice Machine Inc.

Wiring Numerous extension cords, temporary wires. wiring appears inadequate for heavy machine tools used

Letter Requested

Violations
LETTER REQUESTED

Inspector: Lt. L. C. Sheehe

Site #27
Meridian Properties/Independent Towel

Ohio Department of Commerce

Division of State Fire Marshal
Bureau of Underground Storage Tank Regulations
6606 Tussing Road • P.O. Box 687
Reynoldsburg, OH 43068-9009
(614) 752-7938 FAX (614) 752-7942
www.com.state.oh.us

Bob Taft
Governor

Gary C. Suhadolnik
Director

October 17, 2001

MERIDIAN PARTNERS
1802 CENTRAL AVE
CLEVELAND OH 44114

SITE: INDEPENDENT TOWEL BLDG.
1994 TANK REMOVAL
1802 CENTRAL AVE
CLEVELAND OH
CUYAHOGA COUNTY
FORMER INCIDENT #1840753-00
RELEASE #18002519-N00001

RE: NO RESPONSE RECEIVED

Dear Sir or Madam:

On November 17, 1995 the Bureau of Underground Storage Tank Regulations (BUSTR) sent you the enclosed letter requesting information needed to complete your closure requirements. As of this date you have not provided the requested information. To be in compliance with Ohio Administrative Code 1301:7-9-12, effective September 1992, you should supply this information within 30 days of the date of this letter.

On March 31, 1999, a new corrective action rule became effective. A provision of this rule allows owners/operators with releases confirmed prior to March 31, 1999 to elect to conduct corrective action under the 1999 rule. A Fact Sheet explaining this option may be found on our web site.

An order form and other publications that may help you to understand the requirements for compliance with BUSTR's rules and regulations may be found on the Internet at www.com.state.oh.us *or* by calling our office.

Thank you for your cooperation. If you have any questions, please contact me at (614) 752-7093.

Sincerely,

Charlie Zepp
Environmental Specialist

Enclosure

xc: Site File

Ohio Department of Commerce

An Equal Opportunity Employer & Service Provider

George V. Voinovich, Governor

Donna Owens, Director

Division of State Fire Marshal • Bureau of Underground Storage Tank Regulations
8895 East Main Street, P.O. Box 687 • Reynoldsburg, OH 43068-0687
(614) 752-7938 • FAX (614) 752-7942

NOV 17 1995

BRUCE MADORSKY
MERIDIAN PARTNERS
1802 CENTRAL AVE
CLEVELAND OH 44114

SITE: INDEPENDENT TOWEL BLDG
1802 CENTRAL AVE
CLEVELAND OH 44114
CUYAHOGA COUNTY
INCIDENT #1840753

RE: CLOSURE ASSESSMENT REPORT NOT RECEIVED

Dear Mr. Madorsky:

The Bureau of Underground Storage Tank Regulations (BUSTR) was notified on March 3, 1994 by Inspector Terry Hamlen that the underground storage tank system(s) at this site were removed.

To date, BUSTR has not received a closure assessment report. The owner and operator are both responsible for filing this report. Either may take action to comply with the regulations; however, both are liable for noncompliance.

The closure assessment report must be filed with BUSTR even if a copy of the report has already been sent to the Petroleum Underground Storage Tank Release Compensation Board, the Ohio Environmental Protection Agency, or the local fire department.

If you have not completed the closure assessment report, or wish to check that the report is complete, you will find enclosed a Closure Form package. The closure assessment reporting requirements are listed in Ohio Administrative Code 1301:7-9-12(K) and (L).

Please send your closure assessment report to BUSTR within 30 days of the date of this letter.

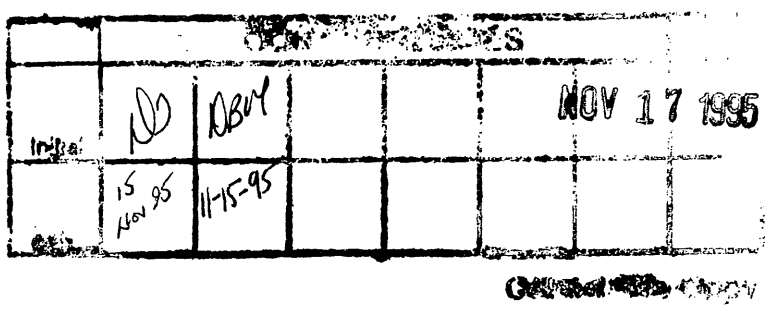
Thank you for your cooperation. If you have any questions, please contact Dennis Tatum at (614) 728-5470.

Sincerely,

Diane B. McClure
Acting Corrective Actions Supervisor

DBM:DT:dep

xc: Site File



DIVISION OF STATE FIRE MARSHAL – BUSTR
8895 East Main Street, P.O. Box 687
Reynoldsburg, OH 43068-0687

DELEGATED PERMIT FOR UNDERGROUND STORAGE TANKS

(PROPERTY OWNER)

Permit No.: 02359
Issue Date:

I. Ownership of Tanks — Owner No: 3401	II. Location of Tanks — Facility No: 182519
Owner/Operator Name: MERIDIAN PARTNERS	Facility Name: INDEPENDENT TOWEL BLDG.
Address: 1802 CENTRAL AVE.	Address: 1802 CENTRAL AVE.
City: CLEVELAND State: OHIO Zip Code: 44114	City: CLEVELAND State: OHIO Zip Code: 44114
Attn.: (Contact Person): MR. BRUCE MADORSKY Area Code – Phone:	Area Code – Phone: County:
III. Contractor	**IV. Local Fire Department**
Contractor's Name: LANDMARK CONSTRUCTION	Fire Department Name: CLEVELAND FIRE DEPT (DEPEGATED AUTH.)
Contact Person: RAY BUILDT Area Code – Phone: 216-431-1116	Address: 1645 SUPERIOR AVE.
Address: 2111 E. 40TH STREET	City: CLEVELAND State: OHIO Zip Code: 44114
City: CLEVELAND State: OHIO Zip Code: 44103	

V. Permit Issued For: See Below *(Note: Owner's Copy of Permit must be available on job site.)*

Removals/Abandoments:

[101] Tank(s): 1 [102] Piping: 6FT. [103] Total Systems:

Installations: X

[201] Tank(s): [202] Piping: [203] Total Systems:

Replacement: X

[301] Tank(s): [302] Piping: [303] Total Systems:

Repairs: X

[401] Tank(s): [402] Piping:

Upgrades: X

[501] Tank(s): [502] Piping: [503] Leak Detection:

Change in Service/Temporary Closure: X

[601] Systems:

RECEIVED
JAN - 2 A 10:
STATE FIRE MARSHAL
BUSTR

FIRE DEPARTMENT USE ONLY

Certified Installer: JAMES HILL ID No: 10-92-2086

Inspector's Signature: [signature] Date: 3/2/94

COM 5210 (Rev. 12/93)

Distribution: White Copy - Tank Owner; Canary Copy - State Fire Marshal; Pink Copy - Fire Department

1840753

DIVISION OF STATE FIRE MARSHAL-BUREAU OF UNDERGROUND STORAGE TANK REGULATIONS

UST/PIPING/REMOVAL/ABANDONMENT AND CLOSURE CHECKLIST

ISSUE DATE: 3/2/94

I. OWNERSHIP OF TANKS	II. LOCATION OF TANKS
1802 Central Ave. Cleveland Ohio Meridian Partners	1802 Central Ave. Cleveland Ohio

III. CHECKLIST

TANK INFORMATION	TANK	TANK	TANK	TANK	TANK
Age	1957				
Capacity	10,000				
Construction	Steel				
Substance	Gas				
Tank ID#					
Removed	Yes				
Abandoned					
Abandonment Approval SFM - CFI					
PRODUCT/VAPOR REMOVAL					
Removal of Product (L=Liquid/S=Sludge)	L/S				
Concentration (% of L.E.L.)	0%				
Concentration (% of O)					
TANK AND PIPE CONDITION					
Holes (Tanks)	No				
Holes (Piping)	NA				
SITE CONDITION					
Tank Cavity	St				
Piping Run	NA				
Beneath Dispenser(s)	ST				
Piping Removed	X Yes ___ No		Dispenser Removed	X Yes	___ No

Indicate One Of The Following: (If Applicable)
O=Odors W=Water ST=Staining FP=Free Product SH=Sheen

WATER SUPPLY

___ Private (Distance)___ Public X Unknown

REMARKS: PERMIT NO.:___

I Inspector Chambers witnessed the removal of one 10,000 gallon steel tank. James Hill form Ecology Tech 10-92-2086 Certified Installer, on hand to due soil samples and closure report.

INSPECTOR SIGNATURE: Tony Chambers ID NO: S-596-1185 DATE: 3-2-94

COM 5200 (08/93) FORMS DISTRIBUTION: WHITE COPY-BUREAU; CANARY COPY-INSPECTOR

FILE

FORM 211-73

TK 1393 10/30/57 TP 5379 7-24-84 TH 4932 5-11-77 TH 1260 4-29-63 SP 143 1/10/62

TN 5242 8-6-82 SPKLR 726 9/22/62

HS # 24233 (11) Exp. 3/13/89

HS # 24234 (3) Exp. 3/13/89 SP 677 2/7/61

TH 5242

6-82 TK-0741-3/2/54

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY - DIVISION OF FIRE

FIRE PREVENTION BUREAU

GROUP F-1

BUILDING RECORD

C.T. I. 2

3 Buildings

STREET CENTRAL AVE. HOUSE No. 1802 -32 BLDG. NAME

STORIES 5 CONSTRUCTION MULTIPLE-BRICK 5 cl

OCCUPANCY MD C Miller Rubber Products Co 1802 Central Ave

OWNER or AGENT Independent Towel supply ADDRESS MAI-9260

FOR PARTICULARS SEE INSPECTIONS BY WARDENS OR COMPANIES UNDER DATES LISTED BELOW IN INSPECTION FILE No. 2

Enter All Fires In Chronological Order In Red Ink

Date	Inspector	Conditions Found	ABATEMENT ORDERED	ORDERS COMPLIED WITH	SUMMONS COURT	Closed
3-15-40	Reynolds	a 4th cl. constr. Independent Towel Sup. Co.	—			OK.
1-8-40	Reynolds	Independent Towel supply Co	all			OK
1-16-41	"	" " " "	" all in order			OK.
		Soda + acid fire extinguishers on walls, A-D-T. system				
3-4-43	Kistenmaker	called at Independent Towel + supply Co + met Mr Fisher as regarded by Capt O'Neill + inspected spray booths on 2nd fl. Refer to warden Kistenmakers special report of this date in no 15 file				
3-23-43	Kiste	Called at the Independent Towel + supply Co with Capt Reynolds in regards to complaint of Capt O'Neill 3-4-43 inspected spray booth + the storage of lacquer, alcohol + paint Progress has been made to comply with recommendations given to Mr Miller see Capt Reynolds Report				
3-23-43	Reynolds	Refer to warden Reynolds Daily report of this date in no 2 file.				
3-7-43	Reynold	OC. 3-4-43 This violation has been abated				OK
3-26-43	Reynolds	Independent Towel Supply Co every thing in general in good order				OK
3-1-43	Reynolds	Capital Service Inc.				OK.
3-23-44	"	Independent Towel Supply Co				
2-2-46	1506	at 9949 Cen. Alcohol Leak $500.00				
3-26-46	Stanton	O.K. the fire occured in a laundry truck parked in the Co. Fire Conditions are				OK.

HOUSE No. 1802 -32

STREET CENTRAL AVE.

OTHER FRONTAGE

F-2 F-3

STREET HOUSE No. BLDG. NAME

Date	Inspector	Conditions Found	Abatement Ordered	Orders Comp With	Summons Court	Closed
-20-46	Stanton	F.S. 2-23-46 Violation is abated				
-24-46	Cooney	Independent Towel Supply			Co	OK.
-22-46	#4386	at 4.50 P.m oohit press mach				
		E 200.00				
-26-46	Cooney	F.S. Repairs have been made				
		to Mach.				
5-8-46	Cooney	Independent Towel & supply				Co
		found all in good Order				OK
		they promise to keep door open				
		during work hours				OK
1-15-46	#8147	@ 6.20 PM. acet. Torch. NONE				
6-9-47	#6674	@ 2[16] PM Care. acetylene Torch E #500.00				
10-13-47	Egan	F.S. 10-10-47 fire Caused By				
		faulty equipment Recommended				
		C-O-2 ext around when				
		using torch.				
48	Eller	Independent Towel Supply Co.				
		found several Viols which				
		I ordered abated found:				
		Standpipe Connection all				
		rebuild & replaced. See				
		Daily Report in file #2.				
-28-48	Eller	Violat. abated				
12-11-48	#8947	@ 11.42 PM Undetermined E 500.00				
~~5-21-51~~	~~#3554~~	~~at 12[37]~~ (Spontaneous)				
5-21-51	#3554	at 12[37] Pm Br. Industrial Care Flammable Liquids				Loss 500.00
5-22-51	Egan	Warned occupant against storing				
		Paint or lint [illegible]				
		Burned Refuse Stored away				
		from Stoke				
3-7-52	#1575	@ 4.53 PM acet Tank Leaky Hose				None —
-5-52	#4158	@ 3[44] P.M. Undetermined E 2000.00				
-20-52	Orsace	Independent Towel & Supply				OK
-54	Lyons	See report in file # 23				
-3-56	Schumacher	adding 5th floor to be sprinklered.				
		Notified to present sprinkler plans.				
5-24-57	# 3978	@ 5[26] P.M. Overhtd Steam Roller			E	2500.00
7-8-57	Javorek	Major Inspection See report				

FORM 211-73-A

Enter All Fires In Chronological Order in Red Ink

Date	Inspector	Conditions Found	Closed
1/15/61	Helwig	Rising Unable to talk to owner	
7/4	H.F.J.	Major Insp	
12/26/61	Helwig	To office to meet Mr. Devity of Auto. Sprinkler Co. To seal office review blue prints and a application for standpipe installation which will be approved by us.	
12/19/61	Helwig	Standpipe installed all floors. Will RE CH sprinkler system	
1/12/62	Helwig	All same except sprinkler not tied in 1st section that was dry	
2/2/62	Helwig	RE F.A.S.	
3/8/62	Helwig	Fire pump installed	
3/15/62	Helwig	Will contact owners RE restrictors in standpipe system	
3/16/62	Helwig	See report	
4/23/62	Helwig	Waiting for Auto sprinkler to check as fire pump installation is now complete	
5/17/62	Helwig	Fire pump test 5/23/62	
5/23/62	Taddeo	With Lt Helwig	
5/23/62	Helwig	750 GPM Fairbanks Morse Fire Pump test see report	
		Request letter Mr S. Miller Copy Chief Ehle	
[illegible]/62	Letter	Mr S T Miller 1807 Central #15462	FILE
7/11/62	Letter	Recd letter Auto. Sprinkler Co. Press reduced to 50# thru orifices attached to report of 5/23/62	FILE
7/19/62	Helwig	Notified Auto Sp. Co that reducers have been installed standpipe	
3/15/63	Parady	Independent Travel. - Buck in rear window. Cover to be installed on chute opening at 2nd fl.	FILE
8-5-63			
8-5-63	F 8233 @ 1^35 P.M.	Hot Ashes 500^00	
8/7/63	McDonnell	F/S Hot Ashes from boiler started coal on fire in coal hopper.	
1/26/65	Parady	RE 2 yds of E 14 St.	
1/28/65	Parady	Exchange Bldg. Notice - S.C. Expg	FILE
3/5/65	Parady	Rinse Allabaster	
4/2/65	Parady	See report	
4/12/65	Parady	New const requires int. F.A.S. Notice sent.	
5/4/65	Parady	RE Int F.A.S	
5/11/65	# 6571 @ 12^24 P.M.	O/H Motor	$150^00
[illegible]	Parady	See report	
[illegible]-16-65	Parady	RE F A system	
[illegible]-22-65	Parady	Plans for F.A.S not approved will be resubmitted	
10/5/65	Parady	RE, Interior alarm plans see report - approved -	
11/18/65	Parady	Work started on F.A.S	
12/28/65	Gates	See report RE F.A.S	

STREET

HOUSE NO. 1802-32 Central

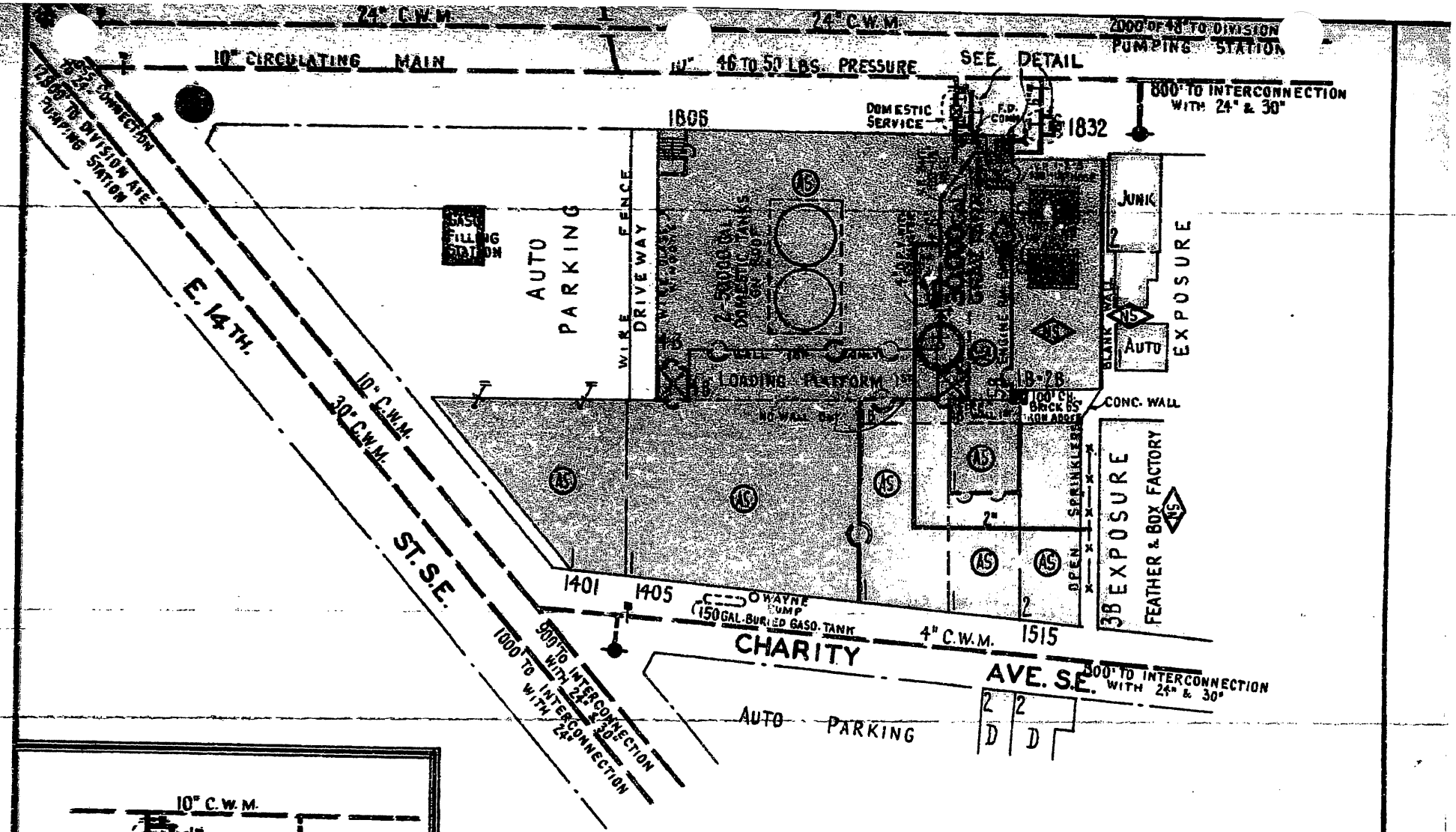
OTHER FRONTAGE

Enter All Fires In Chronological Order in Red Ink

Date	Inspector	Conditions Found	Closed
3-8-57	Behnke	approved plans for 1 story brick garage 140'x95' sprinkler plans to be approved later	
11-1-57	Gorski	TANK INSPECTION (DEFFERED TO 11-4-57	
11-6-57	Gorski	Insp. Tank air press Tank test made, vent to be installed	
8-2-59	#6018 @	11:30 AM Core / Smoker	$800.00
8-10-59	Helwig	Insp. RE: Fire Sheet Core / Smoker	
11/5/59	#8687 @	2:22 P.M. Short Circuit	3,000.00
11/6/59	711	Hatch & Kemna Short Circuit in exhaust system	3,000.00
12-23-59	Helwig	Made appointment with Mr. Fisher for Mgrs. Insp. after 1st of year	
4-21-60	#3136 @	2:22 A.M. Overheated Steam Line	
4-21-60	Helwig	Insp. RE: Fire Sheet Overheated Steam Line	
4-28-60	#3359 @	12:14 P.M. Lint on Flue	$200.00
12/5/60	Helwig	Insp. Sprinkler Request Letter to Mr Sanford Fuller	
12-5-60	Letter	Sent to Mr. Sanford J. Miller Independent Towel & Supply	FILE
1/6/61	Helwig	Some vacated Rs per standpipe & sprinkler connections on building stage	
1/26/61	#568	Hot Coals	
1/30/61	Helwig	FS Unnecessary	
2-7-61	Schumacher	Approved plans & permit for standpipe repairs & extension.	
2-17-61	Schumacher	Allowed W. G. Vogel to place valve on domestic feed to standpipe - Not to interfere with operation of laundry	
2/23/61	Helwig	Request of 12/5/60 stated except for issuing of permits for UFP & gas tank	
4-24-61	Schumacher	5 Story Class 1C Bldg 130'x99' to be tied into existing bldg, remodel offices in old Bldg 1st floor to be sprinklered & standpipped. No plans must Const. Co. Gen. Cont 3121 Euclid Ave Fire alarm required.	
7/17/61	Helwig	New 5 story addition 5th fl. sprinkled	
8-4-61	Helwig	Re: new combustion & water supply	
8-8-61	Helwig	Letter to Chief Coony Re: water supply	
8-18-61	Letter	198-61 filed.	FILE
10/16/61	Helwig	Sprinkler system installed without permit	
10/17/61	Schumacher	Approved sprinkler plans	
10/17/61	Helwig	Request letter	
10/18/61	Letter	Sent to Mr Sanford Fuller 1802 Central #284	FILE
10/27/61	Helwig	Okay to go ahead on standpipe system	

Enter All Fires In Chronological Order in Red Ink

Date	Inspector	Conditions Found	Closed
5-1-79	Hopkins	U/G tank test & Piping test	FILE
5-21-79	Jaleski	U/G tank install. Back fill	FILE
8-2-79	Herring	See Report	FILE
7-19-82	E3	disap.	
5-17-84	Scott	Partial	FILE
6-13-84	Scott	approve permit for 1000 GAL AG propane Tank	
1-17-85	Scott	Pipe test of 1000 gal propan tank	
2-11-85	Scott	Retest. propane tank installation	
2-21-85	Scott	Pipe ~~test~~ approved for (1) 1,000 gal propane tank	FILE
3/13/86	Jardens	Complete 5 VIOLS Sent letter 1-89	
3/21/86	Jardens	Notice of violation Letter sent	FILE
4-17-86	Jardens	Letter rec'd stating future plans of storage tank (1200 gallon)	FILE
4/16/86	Jardens	Reinsp	
10/8/86	Jardens	Re-insp Send citation 3737.41	FILE
10/28/86	Keith	Reinspection no change	
10/29/86	Keith	Re insp no abatment See report	FILE
11/4/86	Keith	State Citation letter sent to Mr. Harry #84-307 Woods	FILE
12/16/86	Cavanagh	Survey	
1/5/87	Keith	Tank Removal 1 Viol Abated (Void Permit # 1932)	
6-30-87	Allen	Part - report to follow	
7/7/87	Allen	PARTIAL INSPECTION see reports	FILE
10-28-87	23446	5 ST, BR, 4 WAREHOUSE (35) $100	
4/5/89	Smith	Complaint; see report	Feb
12/13/89	Keith	Code Review, see report	
4/25/92	Harris	Partial Insp, see report	
1/4/96	CAVANAUGH	TARGET - EXIT SIGN LIGHT, 2 VIOL - THRIFTY	
6/16/98	Moser	Target survey	Fe
6/22/98	Moser	Mtg. Follow up see report	
3/5/99	Simmons	Creativity for Kids Inc. Partial Target see re	



THE MILLER BROS. REALTY COMPANY
(BUILDINGS)
THE INDEPENDENT TOWEL SUPPLY COMPANY
(CONTENTS)

CLEVELAND, OHIO.

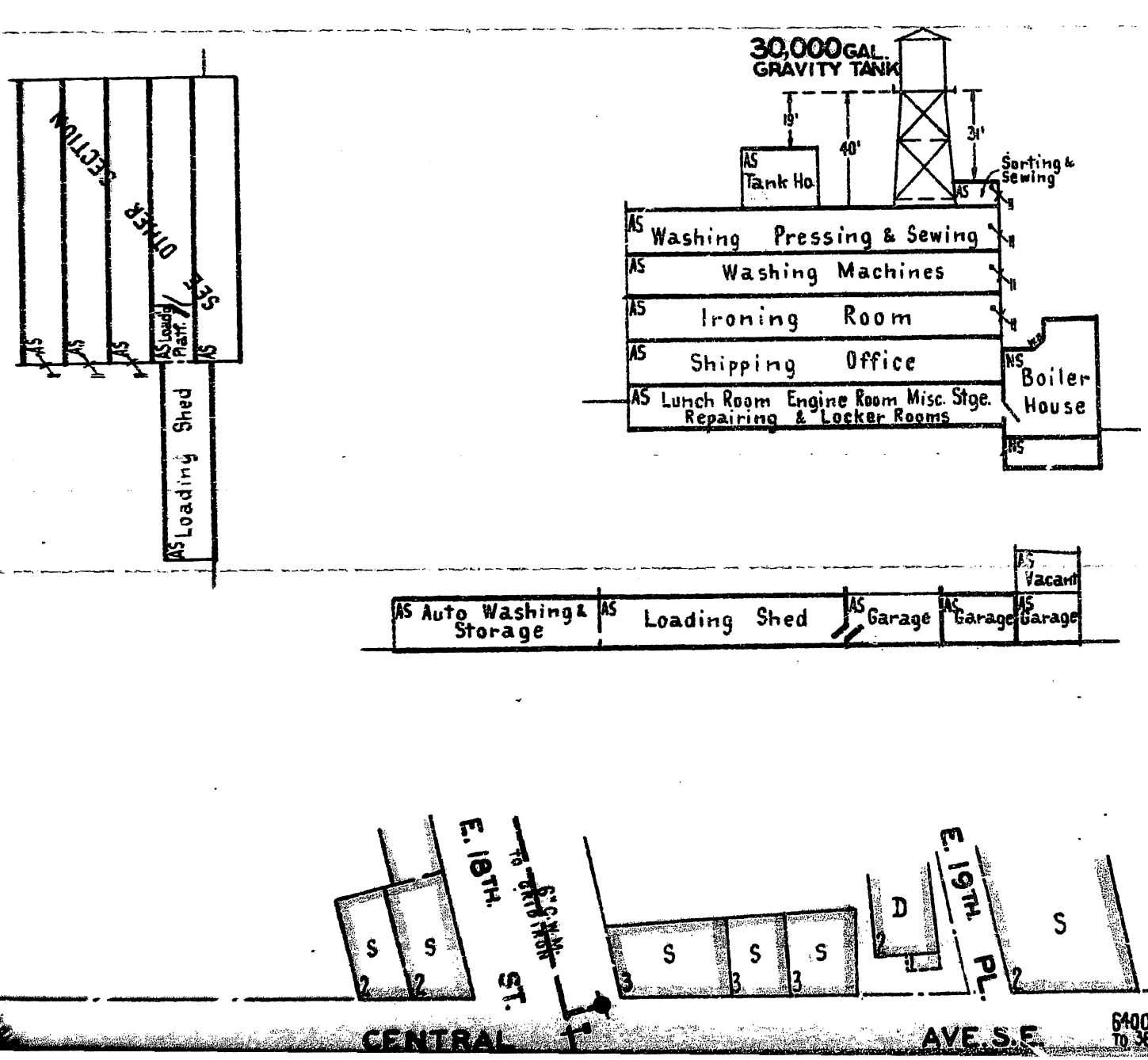
SCALE: 1" = 50'

E.W.W. - D.L.H. - G.F.B.

APRIL, 1930.

6217

WESTERN FACTORY INSURANCE ASSOCIATION
CHICAGO, ILLINOIS.



FILE

CITY OF CLEVELAND
DEPARTMENT OF PUBLIC SAFETY
DIVISION OF FIRE

Permit No. 1393

Application No. _____

File No. _____

Fee $ 10.00

$ _____

$ _____

$ _____

Total Fee $ 10.00

Application For Permit to Install Storage Tanks for Hazardous Substances

Cleveland, Ohio Oct 30 19 67

To the Chief of the Division of Fire:

I, Independent Towel Supply Co (owner) hereby make application for a permit to install Storage Tanks, for Hazardous Substances, as described in this Application and the accompanying drawing which are part of this Application.

LOCATION AND DESCRIPTION OF LOT

No. and Street 1802-32 ~~1800~~ Central Ave Sublot No. _____

LOCATION AND DESCRIPTION OF TANKS

Dimension and Capacity 10000 Gal

Size of Vent 3" Size of Fill Pipe 4" Thickness of Tank Material 1/4" Plate

Distance from Lot line 75'+ between tanks — from street line 100'+

Distance from Buildings on Premises 10' Use of Tank Gasoline

Installed by Brewer Plg Co. Address _____ Tel. _____

Owner Independent Towel Supply Co Address 1802 Central Ave Tel. Mai-9260

Comments Columbia Coast

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained, and to comply with all ordinances of the City of Cleveland, the laws of the State of Ohio, and all the rules and regulations of the State Fire Marshal, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, relating to the Storing of Hazardous Substances.

Applicant Hal Miller

To the Chief of the Division of Fire:

I hereby certify that I have examined the data furnished by the applicant and the same is approved.

Examiner of Plans _____ Division of [redacted] Building.

I hereby approve the above application for Permit to install the tank (s).

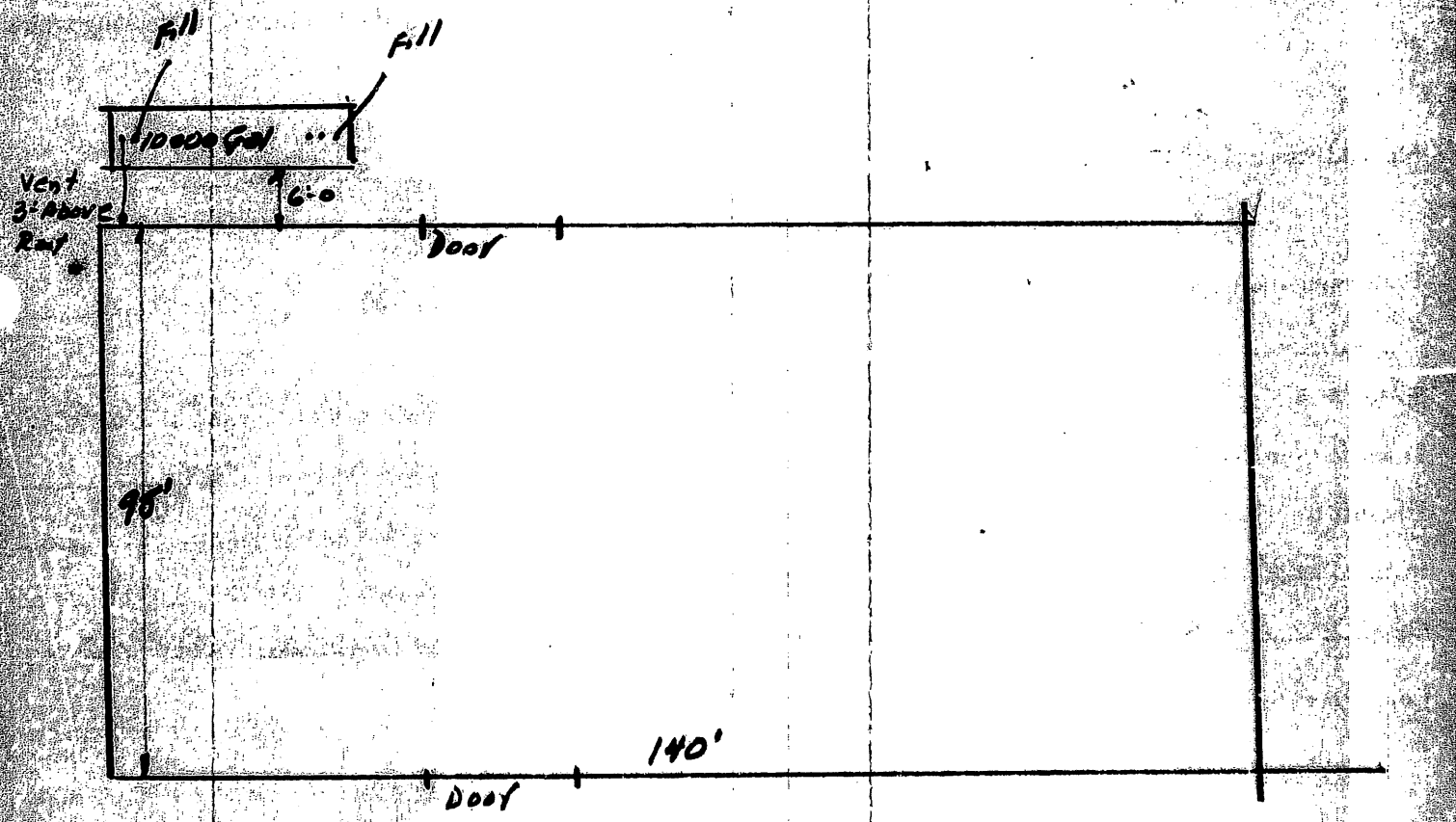
Elmer M. Cain Chief
DIVISION of FIRE

Per Capt H. J. Behnke

Zoning Dist
D-5 - Semi Ind - C2

SITUATION PLAN

Show all lot, buildings and street lines, giving distances.



CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY

DIVISION OF FIRE

FILE (1)

FIRE PREVENTION BUREAU

Sept. 26th 1922

1802 Central Ave. — Independent Towel & Supply

5 St. - I - II - Ind. 'C' — Main. Supt. - J. Lindsey

Main. Supt. - J. Lindsey — 390'x270'x70'H

Entrance - The main entrance is at the N.E. cor. of the bldg facing Central Ave. There are 3 exits, not counting means of egress to the dock & thru the garage areas.

Stairways - There are 3 enclosed stairways from the basement to the 5th floor.

Elevators - Freight - Two, from base. to 5th floor.

Standpipes - Wet - 4" riser @ 2½" outlets and 100' of hose on each level in the S.W. stairway. Wet 2½" riser @ 1½" outlets & 100' of hose on each level in the N.E. stairway. Siamese is @ the N.E. cor. of the bldg.

Sprinker System - "Wet" - The entire building is protected with the exception of the attached garage.

Storage Tank - 25,000 gal. capacity - located on the roof - supplies the sprink. syst.

O.S.&Y. Valves - Two in basement engine room - press. 125#.

Sprink. Siamese - Located @ the N.E. cor. of the bldg.

Booster Pump - Adjacent to O.S.&Y. valves - maintains press. @ 100#. Spr. syst. is supervised by A.D.T.

Wall Hydrant - Located on the north wall - middle of the bldg.

(OVER)

Inspected John F. Tanner, Lt.

COFC 71-204 A F.P.B.4/ 10/67

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY

DIVISION OF FIRE

FIRE PREVENTION BUREAU

(2)

Sept. 26th 1972

1802 Central Ave. (cont.) Independent Towel & Supply

Fire Extinguishers – Sufficient extinguishers serviced in July 1972.

Fire Alarm Syst. – A. D. T. – general alarm. There are 3 stations on each level – 1 locations are at the 3 enclosed stairways. There is also a station in the boiler room, dock and storage garage – adjacent to gasoline pumps. Control panel in base. @ the S. W. stairway.

Garage – Conc. blk. walls, conc. floor & steel roof.

U/G Tank – 20,000 gasoline – located at S. E. cor. of garage – outside.

Pumps – Two located just inside of O. H. door.

HEAT – There are 3 coal-fired steam boilers located in cellar of attached 1st. bldg.

Sub-basement – Ashpit – supplied w. hose to wet down ashes.

Gas Meter – Located in printing room.

Printing Room – Has covered metal containers for wiping rags.

Electrical Panels – Located in engine room.

Fire Patrol – From 2:00 P.M. to 7:00 A.M. – 24 hrs. on week-ends.

Violations – Defective exit light at S. W. exit.

Exit door is in a locked position – S. W. exit on the 1st floor. A V/O was given to Mr. Lindsey to abate violations.

Inspector: John F. Gorman, Lt.

COFC 73-204 A F.P.B. 4/ 10/67

1172 – 30M

(2)

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY
DIVISION OF FIRE

FIRE PREVENTION BUREAU

May 18th 1977

1802-32 Central Ave. Independent Towel & Supply

The 20,000 gal. U/G gasoline tank is still in operation. It is outside at the O.H. garage entrance. There are 2 pumps located just inside the garage entrance.

Violations: ① Very poor housekeeping in the garage.
② Most of the exit lights were out.
③ A large number of fire extinguishers have been discharged - - most likely by employees indulging in horseplay. A V/O was given to Mr. Bowser to abate all violations.

Recommended: Remove - operate and clean all 1st aid hose. Mr. Bowser agreed that this maintenance would be beneficial.

Inspector: John F. Gurney Lt.

Type Fee $ 25.00 Entered on Card 6-14-76

CITY OF CLEVELAND
Department of Public Safety
Division of Fire

Permit # 4932

Date of Application

Date of Approval

APPLICATION to INSTALL 1 TANKS for ALL SUBSTANCES, other than water, above ground__ underground X inside__ outside X other

1882 Central (LOCATION) Independent Towel, Inc. (OCCUPANT) Tank spec's ASME X API__ ICC__ UL__ Other

PUMPS: type__ submerged__ inline__ remote X. Valves req'd; X relief X excess flow__ impact__ internal check__ other__ swing line__

UNDERGROUND: Depth of fill cover (circle) 1½'; 2'; 2½'; (3'); 4'. Type of fill cover; Sand & Conc 6" Sand bed & fill, 6"; 12".

ABOVE GROUND: Dikes (state dimensions, capacity & material)

Grounding arrangement: support protection:

1 Tank(s) cap. 12,000 Gal. Steel size 10x20'6" gauge__. Vent size 4" normal, emrg., arrestor req.__ fill size 4" Fee $ 25.00 type__

Distances to, lot line__ street line__ between tanks__ building 10'. Contents #2 Fuel Oil ident.__

__ Tank(s) cap.__ size__ gauge__. Vent size__ normal, emrg., arrestor req.__ fill size__ Fee $__ type__

Distances to, lot line__ street line__ between tanks__ building__. Contents__ ident.__

__ Tank(s) cap.__ size__ gauge__. Vent size__ normal, emrg., arrestor req.__ fill size__ Fee $__ type__

Distances to, lot line__ street line__ between tanks__ building__. Contents__ ident.__

~~The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained and to comply with all the ordinances of the City of Cleveland, the laws of the State of Ohio and all the rules and regulations of the State Fire Marshall, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, relating to the Storage of haz- ous Substances.~~

Applicant SIGNATURE Chief Zoning: Map__ Sh__

SCHWEIZER DIPPLE, INC. per FIRE PREVENTION BUREAU Use

Installed by SCHWEIZER DIPPLE, INC. Tel: 252-7666

Approved by DIVISION OF BUILDING

Note: No product other than water shall be placed in flammable or combustible liquid storage tank until piping is installed & inspected.

NOTE: If disapproved, draw line through signature space.

Tank Owner: Independent Towel, Inc. Type of piping material used: Blk. Steel

Remarks: TANKS ARE LOCATED IN PARKING AREA

COFC73-220 F.P.B. 4/1/64 STANDBY OIL to FIRE BOILERS

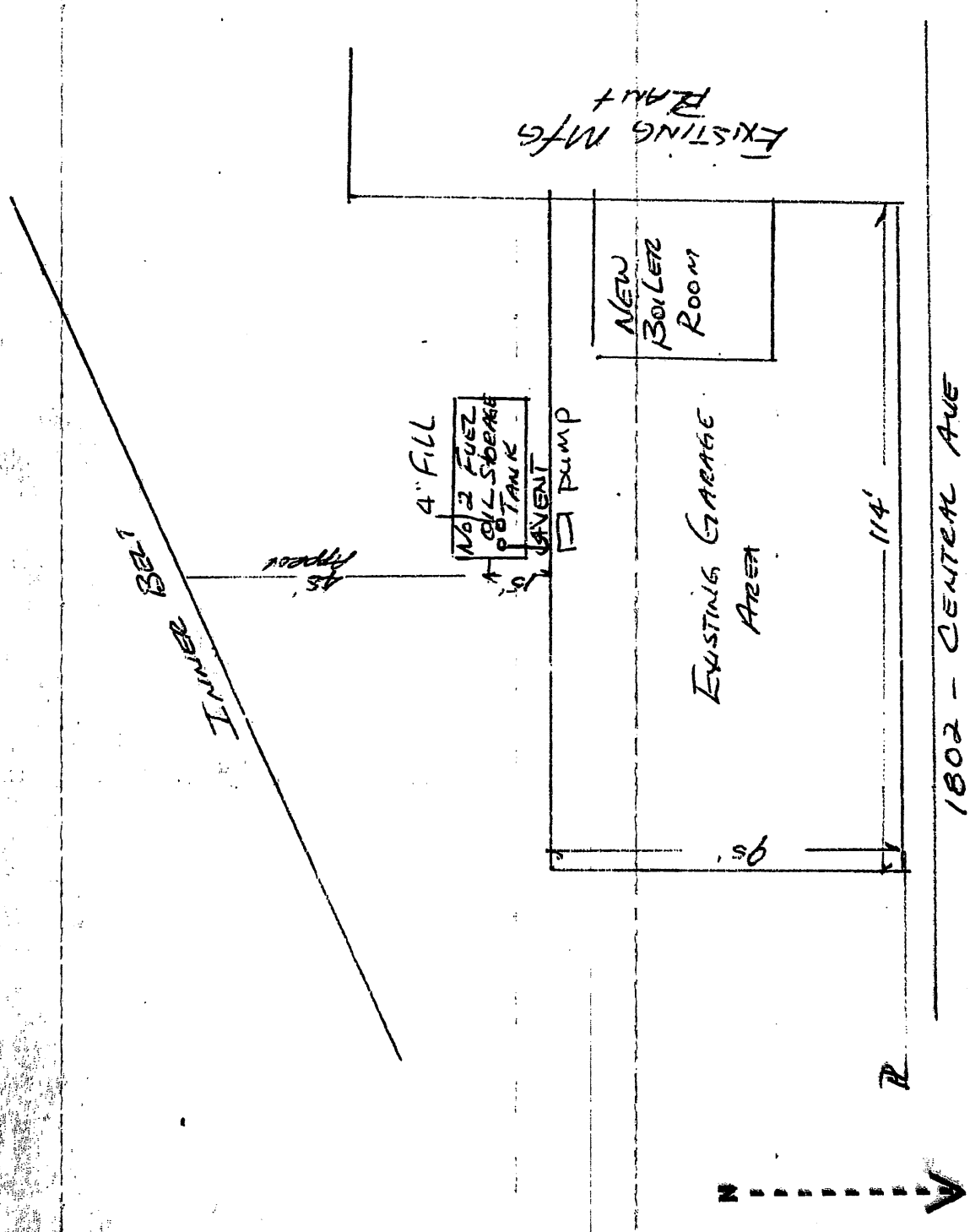
SITE plan on reverse side.

2/25/76—2M

SITUATION PLAN

* * * *

Show all lot, building, other storage above or below grade, street lines and distances.



Total Fee $ 10.00 6-29-83 ✓ CH.

CITY OF CLEVELAND
Department of Public Safety
Division of Fire

Permit # 5245
Date of Application 8/6/82

APPLICATION to INSTALL 1 TANKS for ALL SUBSTANCES, other than water, above ground ✓ underground ___ inside ___ outside ✓ other ___

1802 CENTRAL AVE. CLE. (LOCATION) INDEPENDENT TOWEL SUPPLY (OCCUPANT) Tank spec's ASME ✓ API ___ ICC ___ UL ___ Other ___

PUMPS: type ___ submerged ___ inline ___ remote ___. Valves req'd; ✓ relief ___ excess flow ___ impact ___ internal check ___ other EMERGENCY SHUT-OFF ___ swing line ___

UNDERGROUND: Depth of fill cover (circle) 1½'; 2'; 2½'; 3'; 4'. Type of fill cover; ___ Sand bed & fill, 6"; 12".
ABOVE GROUND: Dikes (state dimensions, capacity & material) ___

Grounding arrangement: COPPER ROD support protection: 4" I BEAM SKID

1 Tank(s) cap. 1000 GAL WATER CAP. 850 GAL. PROPANE CAP. size 16' x 41" gauge ASME. Vent size RELIEF VALVE arrestor req. ___ fill size 3/4" Fee $ ___
normal emrg. type ___
Distances to, lot line 25' + street line 28' between tanks ___ building 45'. Contents L.P. GAS ident. 1075

___ Tank(s) cap. ___ size ___ gauge ___. Vent size ___, ___, arrestor req. ___ fill size ___ Fee $ ___
normal emrg. type ___
Distances to, lot line ___ street line ___ between tanks ___ building ___. Contents ___ ident. ___

___ Tank(s) cap. ___ size ___ gauge ___. Vent size ___, ___, arrestor req. ___ fill size ___ Fee $ ___
normal emrg. type ___
Distances to, lot line ___ street line ___ between tanks ___ building ___. Contents ___ ident. ___

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained and to comply with all the ordinances of the City of Cleveland, the laws of the State of Ohio and all the rules and regulations of the State Fire Marshall, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, relating to the Storage of haz- Substances.

Applicant Eugene M. Storm (SIGNATURE) Chief James J. McNamee (ACT.) Zoning: Map ___ Sh 5 -
AMERIGAS per Captain Zone, FPB (FIRE PREVENTION BUREAU) Use Semi-Industry E-5

Installed by AMERIGAS Tel: 834-4139 Approved by [signature] (DIVISION OF BUILDING)

LT. 45 STATE ROUTE #44, MANTUA, OHIO 44255

NOTE: If disapproved, draw line through signature space.

Remarks 6' CHAIN LINK ENCLOSURE W/ 3 STRANDS BARBED, 2 GATES, NO SMOKING SIGNS, FIRE EXTINGUISHER, TANK LABELED PROPANE, OPERATING INSTRUCTIONS ATTACHED.

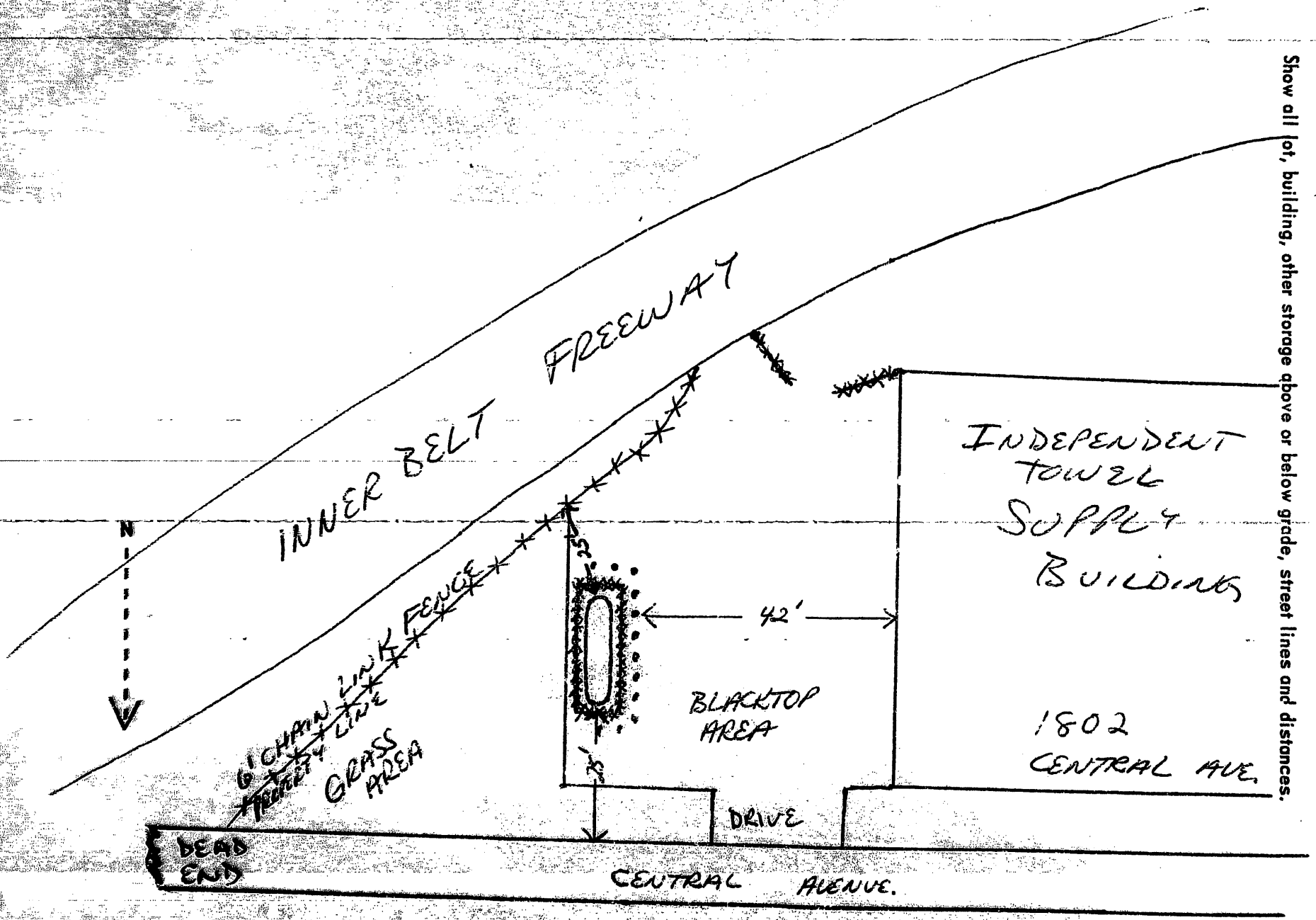
COPY TO-2B F.P.B. 4/1/80

SITE plan on reverse side.

8/26/68 - 3M

SITUATION PLAN

Show all lot, building, other storage above or below grade, street lines and distances.



CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY

DIVISION OF FIRE

FIRE PREVENTION BUREAU

FILE

FIL

5/17/ 1984

Memo

1802 Central — United Services Co.

OK'd site for 1,000 gallon propane tank installation.

Area is fenced - in but in slight disrepair. May require seperate fencing around tank due to this fact and also because of the location.

Will also research foundation requirements.

Amerigas will fill out permit and forward to F.P.B. for approval.

United Service Co.

UNSCO

Rich Sr Salvo

RICH WOLFE

General Manager

UNITED SERVICE COMPANY

1802 Central Ave.
Cleveland, OH 44101
(216) 621-9260

AmeriGas

LP-GAS DIVISION

J. Robert Naylon

Industrial Sales Representative

800 W. Maple St., Hartville, OH 44632
216-877-6738
216-748-2240 North Eaton
216-834-4139 Auburn Corners

A UGI Company

Inspector: [signature]

COF C 93-203 A F.P.B.6 10/83

5/15/84-30M

Total Fee $ 10.00

CITY OF CLEVELAND
Department of Public Safety
Division of Fire

Permit # 5379

Date of Application 6-13-84

APPLICATION to INSTALL 1 TANKS for ALL SUBSTANCES, other than water, above ground ✓ underground ___ inside ___ outside ✓ other ___

1802 Central Ave. (LOCATION) Unisco Co. (OCCUPANT) Tank spec's ASME ✓ API ___ ICC ___ UL ___ Other ___

PUMPS: type L.P. submerged ___ inline ✓ remote ___. Valves req'd; 2 relief 250 psi excess flow 200 gpm impact ___ internal check ✓ other ___ swing line ___

UNDERGROUND: Depth of fill cover (circle) 1½'; 2'; 2½'; 3'; 4'. Type of fill cover; ___ Sand bed & fill, 6"; 12".
ABOVE GROUND: Dikes (state dimensions, capacity & material) ___

Grounding arrangement: ___ support protection: ___

1 Tank(s) cap. 1000 gal W/C size 1000 gauge 1/4". Vent size 1¼" (normal), 1¼" (emrg.) arrestor req. No fill size 1¼" Fee $ ___
Distances to, lot line 30 & 55 FT. street line 30 & 55 FT. between tanks N/A building 25 FT. Contents L.P GAS type AMCE W/BACK CHECK ident. 1025 PROPANE

___ Tank(s) cap. ___ size ___ gauge ___. Vent size ___, ___ (normal, emrg.) arrestor req. ___ fill size ___ Fee $ ___
Distances to, lot line ___ street line ___ between tanks ___ building ___. Contents ___ type ___ ident. ___

___ Tank(s) cap. ___ size ___ gauge ___. Vent size ___, ___ (normal, emrg.) arrestor req. ___ fill size ___ Fee $ ___
Distances to, lot line ___ street line ___ between tanks ___ building ___. Contents ___ type ___ ident. ___

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained and to comply with all the ordinances of the City of Cleveland, the Laws of the State of Ohio and all the rules and regulations of the State Fire Marshall, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, relating to the Storage of hazardous Substances.

Applicant L. E. Parker for Amerigas (SIGNATURE) Chief James J. McNamee (JMS) Zoning: Map 5 Sh E-5

per Lt. M. Scott (FIRE PREVENTION BUREAU) Use SEMI-INDUSTRY

Installed by Amerigas 17845 State Route 44 Tel: 834-4139

Approved by ___ (DIVISION OF BUILDING)

NOTE: If disapproved, draw line through signature space.

Remarks INSTALLATION AS PER NFPA # 58

* PROPANE TANK TO BE FENCED AS PER NFPA 58 3-3.6.1(a)

SITE plan on reverse side.

COF C73-220 F.P.B. 4/1/64

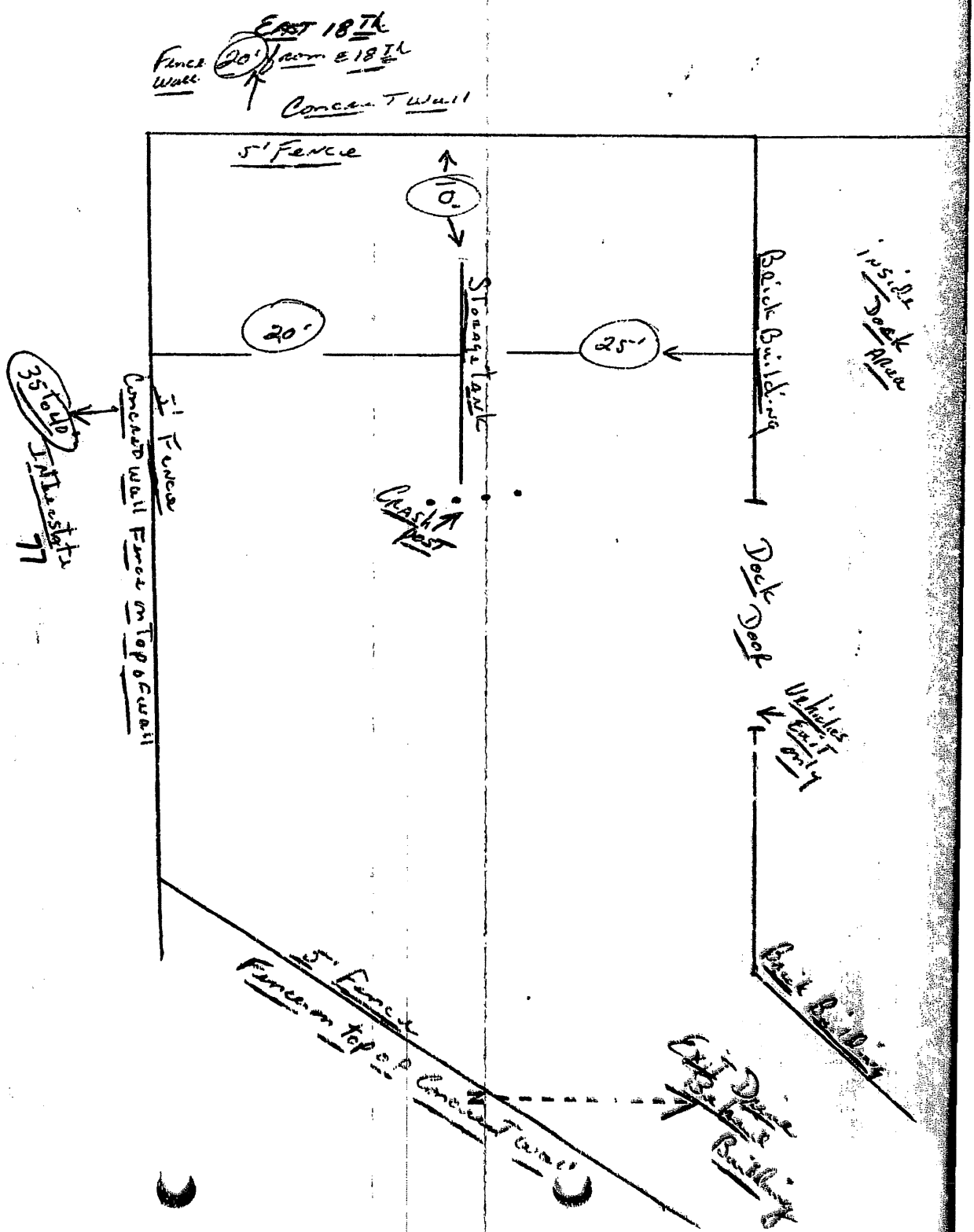
8/26/68 - 3M

PM-230

SITUATION PLAN

* * * *

Show all lot, building, other storage above or below grade, street lines and distances.



C of C 73-225

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY

DIVISION OF FIRE 44114

Permit No. 24233 Fee $ 5.00 Date March 13 1986

Expiration Date March 13 1989

Permit Application
For the Storing, Handling, Sales or Use of
Hazardous Substances

Elmer M. Cain, Chief
Division of Fire

Applicant UNSCO

Location 1802 CENTRAL
(NUMBER AND STREET)

Building Height 60' Stories 5 Area: ___ L ___ W ___ Construction 1-(2)-3-4 A-B-C

Occupancy UNITED SERVICE Co. Other occupancy ___

CLEVELAND TERMINAL (UNSCO)

One Application for each No. Item.

List Kind and Quantity of Substance.

Calcium Carbide —

2. Corrosive Liquids —

3. Flammable Liquids: 850 GAL. PROPANE

Class 1 ___

Class 2 ___

Class 3 ___

4. Fume Hazard Gases —

5. Moisture Hazards —

6. Nitrocellulose Film —

7. Pyroxlin Plastic —

8. Tire Ret'g. & Rebldg. —

9. Refinishing with Highly Flammable Liquids, i.e., bowling alleys, other assemblies —

10. Dip tanks NONE Spray Booths NONE Spray Rooms NONE

11. Unfired Pressure Vessels: L.P. 1 (850 gal.) H. ___ O. 2 Acetylene 2 Other ___

12. Other Substances OXYGEN & ACETYLENE BURNING OUTFITS IN VEHICLE SECTION

STORAGE

Cabinets ___ Floor ___ Tanks ___ Vaults ___ Shelves ___

Sealed Containers ___ Dispensing ___

Use ___ Sales ___

C of C 73-225

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY

DIVISION OF FIRE

Permit No. 24234 Fee $ 5.00 Date March 13 1986

Expiration Date March 13 1989

Permit Application
For the Storing, Handling, Sales or Use of
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Division of Fire

Applicant UNSCO

Location 1802 CENTRAL
(NUMBER AND STREET)

Building Height 60' Stories 5 Area: ___ L ___ W ___ Construction 1-(2)-3-4 A-B-C

Occupancy UNITED SERVICE CO. Other occupancy ___

CLEVELAND TERMINAL (UNSCO)

One Application for each No. Item.

List Kind and Quantity of Substance.

Calcium Carbide ___

2. Corrosive Liquids ___

3. Flammable Liquids: GASOLINE + MOTOR OIL

Class 1 ___

Class 2 GASOLINE 10,000 gal.

Class 3 1-55gal Motor oil

4. Fume Hazard Gases ___

5. Moisture Hazards ___

6. Nitrocellulose Film ___

7. Pyroxlin Plastic ___

8. Tire Ret'g. & Rebldg. ___

9. Refinishing with Highly Flammable Liquids, i.e., bowling alleys, other assemblies ___

10. Dip tanks ___ Spray Booths ___ Spray Rooms ___

11. Unfired Pressure Vessels: L.P. ___ H. ___ O. ___ Acetylene ___ Other ___

12. Other Substances ___

STORAGE

Cabinets ___ Floor ___ Tanks ___ Vaults ___ Shelves ___

Sealed Containers ___ Dispensing ___

Use ___ Sales ___

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY
DIVISION OF FIRE
FIRE PREVENTION BUREAU

March 13 1986

MAR 24 1986

FILE

Report Re:

1802 Central - UNSCO AKA Independent Towel

This building is 5 Stories with basement. Only the first floor is being occupied and the basement.

Some storage on the second floor which has been brought down from upper floors and is being moved out to another facility.

This building has a lot of asbestos throughout and inquiry is being made by UNSCO on cost of removal of same.

Refer to accompanying letter # 1A for violations noted.

Inspector: [signature]

APR 21 1986

Post
Insp Jordan
File
Fire Control

UNITED SERVICE COMPANY

April 17, 1986

Mr. Herbert J. Jordens
Division of Fire
1 Superior Ave. E.
Cleveland, OH 44114

Dear Mr. Jordens:

Thank you for helping us to clear up a few problems with permits and fire extinguishers at our Independent Towel terminal at 1802 Central Ave. It is our intention to make use of the 1200 gallon storage tank that is located adjacent to the gasoline storage tank at this location. We are planning to either use this tank to store diesel fuel for our trucks or to slurry fill this tank according to your wishes. I feel there is no danger of this tank collapsing as it was new in 1979.

Originally, this tank was installed as part of a back up fuel supply for our boiler house. We are currently trying to sell both the boilers and the building. We request you allow us a few months extension on any citations to explore all avenues involved with our Corporate Headquarters and to try and either bring this tank into use or properly take it out of service.

I assure you that this tank has never been filled with any petroleum substances or ever been used as a source of fuel to generate steam.

Thank you.

Very truly yours,

G. F. Johnson

George J. Johnson
Corporate Engineer

GJ/lh

RECEIVED
APR 21 1986
DIVISION OF FIRE
By

350 NORTH AVE., P.O. BOX 209, YOUNGSTOWN, OH, 44502, (216) 746-6543

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY
DIVISION OF FIRE

FIRE PREVENTION BUREAU

NOV 07 1986

FILE

OCT 8

Report Re; 1802 Central (USCO) Independant Terminal

Reinspection was conducted today regarding the 12,000 diesel fuel storage tank which has been improperly abandoned.

USCO's Corporate Engineer was successful in his assuring this dept. that no product had been in this unused storage tank (refer to correspondence from Fleyd L Johnson of April 17, 1986). I found 2" of diesel fuel to be in this abandoned tank.

Request State citation (3737-42).

Inspector

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY

DIVISION OF FIRE

FIRE PREVENTION BUREAU

Oct 28

FILE

Report

1802 Central Ave

CLWSCO (Independent Towel)

A reinspection of the above facility revealed that the left tank and pump is still under construction on the South East side of this facility. I was unable to contact anyone at this location today. I will contact Pioneer this week.

FIRE DEPARTMENT CITATION

Ref: Sec. 3737.42, ORC

NOV 07 1986 Citation No.

Cuyahoga County

Responsible Person:

Name MR. HARRY Woods
Street C/O UNSCO 1802 Central ave
City Cleveland, Ohio Zip

Name MR. GEORGE T. JOHNSON UNSCO CORPORATE ENGINEER
Name C/O HARRY Woods
Street 1807 CENTRAL AVE
City Cleveland, Ohio Zip

Name
Street
City Zip

Name
Street
City Zip

See attached sheet for remainder of owners.

Known as the owner, lessee, agent, occupant or operator of the property described herein and being responsible for compliance with the OHIO FIRE CODE as it relates thereto, notice is hereby given to the person whose name is inscribed above, as follows:

On the 8TH day of OCT., 1986 the certified fire safety inspector whose signature appears on the reverse side hereof did inspect the property located at:

Street 1801 CENTRAL AVE. City Cleveland Zip

Said property is also known or may be further described as: UNSCO - UNITED SERVICE COMPANY

It was found there is reason to believe that the OHIO FIRE CODE (OFC) or an ORDER ISSUED BY THE STATE FIRE MARSHAL (FM Order) has been violated as described below, and therefore, pursuant to Sec. 3737.43 and 3737.41 Ohio Revised Code, it is PROPOSED that a civil penalty, if any, be assessed against you for each such violation, as indicated:

1. OFC Sec. ~~FM Order~~ No. violated: 1301:7-7-28(E)(7) F-2804-6(E)

OHIO FIRE CODE.

Description of violation: ABANDONED UNDERGROUND FLAMMABLE LIQUID STORAGE TANK HAS NOT BEEN REMOVED.

Civil penalty: $ 500

2. OFC Sec. ~~FM Order~~ No. violated:

Description of violation:

Civil penalty: $

WHEREFORE, by reason of the premises and pursuant to the authority vested in me by virtue of my office under Sec. 3737.42 of the Ohio Revised Code and Sec. 1301:7-3-03 [illegible] of the Ohio Fire Code, you are hereby ORDERED to abate the violation(s) set forth above by taking the following corrective measures within [illegible] days:

FIRE DEPARTMENT CITATION

86-307-1
Citation No.

Cuyahoga
County

Ref: Sec. 3737.42, ORC

NOV 07 1986

Post file

Responsible Person:
Name Mr. Harry Woods
c/o UNSCO
Street 1802 Central Avenue
City Cleveland, OH Zip

Name
Street
City Zip

Mr. George J. Johnson
Name c/o Harry Woods
Street 1802 Central Avenue
City Cleveland, OH Zip

Name
Street
City Zip

See attached sheet for remainder of owners.

Known as the owner, lessee, agent, occupant or operator of the property described herein and being responsible for compliance with the OHIO FIRE CODE as it relates thereto, notice is hereby given to the person whose name is inscribed above, as follows:

On the 8th day of October, 1986, the certified fire safety inspector whose signature appears on the reverse side hereof did inspect the property located at:

Street 1802 Central Avenue City Cleveland Zip

Said property is also known or may be further described as:

UNSCO - UNITED SERVICE COMPANY

It was found there is reason to believe that the OHIO FIRE CODE (OFC) or an ORDER ISSUED BY THE STATE FIRE MARSHAL (FM Order) has been violated as described below, and therefore, pursuant to Sec. 3737.43 and 3737.41 Ohio Revised Code, it is PROPOSED that a civil penalty, if any, be assessed against you for each such violation, as indicated:

1. OFC Sec. ~~or FM Order~~ No. violated: 1301:7-7-28(E)(7) F-2804.6(C)(3) Ohio Fire Code

Description of violation: Improper abandonment of underground storage tanks.

Civil penalty: $ 1,000.00

2. OFC Sec. ~~or FM Order~~ No. violated:

Description of violation:

Civil penalty: $

WHEREFORE, by reason of the premises and pursuant to the authority vested in the ... virtue of my office under Sec. 3737.42 of the Ohio Revised Code and Sec. 1301:7-3-10 (... 105.0) of the Ohio Fire Code, you are hereby ORDERED to abate the violation(s) set forth above by taking the following corrective measures within 30 days:

... shall be removed from ...

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY

DIVISION OF FIRE

FIRE PREVENTION BUREAU

FILE

JAN 13 1987

Jan 5,

Captain Chas Gonce

Chief Bur Fire

Respectfully report the following Certain

Report

Independent Tower

1802 Central Ave

A 12,000 gallon Underground

tank was removed by Sam

trenching Co. 1062 Holden Rd

Tel 696-1831. Gilata Inc. remo

the fuel from the tank, Ohio

State Citation # 86-307-L

has been abated.

Inspector

Total Fee $ 50.00

CITY OF CLEVELAND
Department of Public Safety
Division of Fire

Permit # 0741

Date of Application 3-2-94

APPLICATION to REMOVE 1 **TANKS for ALL SUBSTANCES, other than water, above ground** 1 **underground** _____ **inside** _____ **outside** _____ **other** _____

1802 CENTRAL AVE. OWNER/ MERIDIAN PARTNERS Tank spec's ASME STEEL API ____ ICC ____ UL ____ Other _____
CLEVELAND, OHIO 44114 (OCCUPANT)

PUMPS: type NONE submerged REMOVED inline _____ remote _____. Valves req'd; _____ relief _____ excess flow _____ impact _____ internal check _____
VENT REMOVED other _____ swing line _____

UNDERGROUND: Depth of fill cover (circle) 1½'; 2'; 2½'; 3'; 4'. Type of fill cover; GRAVEL Sand bed & fill, 6"; 12".
ABOVE GROUND: Dikes (state dimensions, capacity & material) _____

Grounding arrangement: _____ support protection: _____

1 Tank(s) cap. 10,000GAL size 8' X 27' gauge ____. Vent size REMOVED, arrestor req. _____ fill size _____ Fee $ _____
normal emrg. type _____
Distances to, lot line 25' street line 50' between tanks ____ building _____. Contents GASOLINE ident. _____

____ Tank(s) cap. _____ size _____ gauge ____. Vent size _____, _____, arrestor req. _____ fill size _____ Fee $ _____
normal emrg. type _____
Distances to, lot line _____ street line _____ between tanks ____ building _____. Contents _____ ident. _____

____ Tank(s) cap. _____ size _____ gauge ____. Vent size _____, _____, arrestor req. _____ fill size _____ Fee $ _____
normal emrg. type _____
Distances to, lot line _____ street line _____ between tanks ____ building _____. Contents _____ ident. _____

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained and to comply with all the ordinances of the City of Cleveland, the laws of the State of Ohio and all the rules and regulations of the State Fire Marshall, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, relating to the Storage of hazardous Substances.

Applicant ECOLOGY TECH. JAMES HILL 10-92-2086
BOX 2205 SIGNATURE
HUDSON, OHIO 44236

Chief WILLIAM A. FYE (1)

per Tony A. Hanlon
FIRE PREVENTION BUREAU

Zoning: Map _____ Sh ____ –

Use _____

Removed by LANDMARK CONSTRUCTION **Tel:** 431-1116
2111 E. 40TH ST.
CLEVELAND, OHIO 44103

Remarks _____

C OF C 73-226 "B" F.P.B. 4/1/89

FEE $ 50.00

№ 0741

CITY OF CLEVELAND
DEPARTMENT OF PUBLIC SAFETY
DIVISION OF FIRE

PERMIT for the REMOVAL of STORAGE TANKS for HAZARDOUS SUBSTANCES

LOCATION 1802 Central ave., Meridian Partners

Owner _____ Address _____

Installer Landmark Construction Address 2111 E. 40th Street

Number and Capacity of tanks (1) 10,000

Contents Gasoline

The aceptance of this permit shall constitute an agreement on (my) (our) part to abide by all the conditions contained in the application and in the specifications.

Date issued March 14, 1994 Expires March 14, 1995

Installation approved by _____

Approved by E.J. Chesser Chief Division of Fire

To be POSTED in a CONSPICUOUS place

C OF C 73-275

EPB Permit 0741

DIVISION OF STATE FIRE MARSHAL – BUSTR
8895 East Main Street, P.O. Box 687
Reynoldsburg, OH 43068-0687

DELEGATED PERMIT FOR UNDERGROUND STORAGE TANKS

Permit No.: 02359
Issue Date:

(PROPERTY OWNER)

I. Ownership of Tanks Owner No:	II. Location of Tanks Facility No:
Owner/Operator Name MERIDIAN PARTNERS	Facility Name INDEPENDENT TOWEL BLDG.
Address 1802 CENTRAL AVE.	Address 1802 CENTRAL AVE.
City State Zip Code CLEVELAND OHIO 44114	City State Zip Code CLEVELAND OHIO 44114
Attn.: (Contact Person) Area Code – Phone MR. BRUCE MADORSKY	Area Code – Phone County
III. Contractor	**IV. Local Fire Department**
Contractor's Name LANDMARK CONSTRUCTION	Fire Department Name CLEVELAND FIRE DEPT (DELEGATED AUTH.)
Contact Person Area Code – Phone RAY BUILDT 216-431-1116	Address 1645 SUPERIOR AVE.
Address 2111 E. 40TH STREET	City State Zip Code CLEVELAND OHIO 44114
City State Zip Code CLEVELAND OHIO 44103	

V. Permit Issued For: See Below *(Note: Owner's Copy of Permit must be available on job site.)*

Removals/Abandoments:
[101] Tank(s): 1 [102] Piping: 6FP [103] Total Systems:

Installations: X
[201] Tank(s): [202] Piping: [203] Total Systems:

Replacement: X
[301] Tank(s): [302] Piping: [303] Total Systems:

Repairs: X
[401] Tank(s): [402] Piping:

Upgrades: X
[501] Tank(s): [502] Piping: [503] Leak Detection:

Change in Service/Temporary Closure: X
[601] Systems:

DEPARTMENT OF COMMERCE • DIVISION OF STATE FIRE MARSHAL

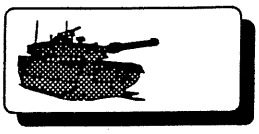
FIRE DEPARTMENT USE ONLY

Certified Installer: JAMES HELT ID No: [illegible]

Inspector's Signature: [signature] Date: 7/1/94

COM 5210 (Rev. 12/93)

Distribution: White Copy - Tank Owner; Canary Copy - State Fire Marshal; Pink Copy - Fire Department



DATE: March 2, 1994

TIME: FPB Permit 0741

TANK INSTALLATION & REMOVAL ROUTING FORM

LOCATION: 1802 Central Ave FACILITY: Meridan Partners

____ A/G TANKS SIZE & NUMBER: ____

XX U/G TANKS SIZE & NUMBER: (1) 10,000 Gallon

CONTRACTOR: Landmark Construction 431-1116 Ray Built

INSPECTOR (S) : Terry Chambers

SITE CONDITIONS: ____

Yes A. GENERAL SAFETY (SOURCE OF IGNITION , ETC.)

Yes B. TANKS EMPTY OF PRODUCT [note type of product] Gasoline

Yes C. TANKS PURGED (HOW ?) Dry Iced, Then tanks entered and cleaned on site prior to disposal

____ D. CONDITION OF TANK (S): Good

____ E. CONTAMINATION: Normal soil staining around fill portion of tanks.

____ F. PERMITS (TANK INSTALLATION / HAZ. SUB.) Removal #0741

VOIDED ? ____ PERMIT NO. (S). ____

REMARKS: I witnessed the removal of one 10,000 gallon steel tank. Jim Hill from Ecology Tech on hand to take soil samples and due closure report.

X: Terry C Harlan

FPB revised 10/27/93

Ohio Department of Commerce

Division of State Fire Marshal
Bureau of Underground Storage Tank Regulations
6606 Tussing Road • P.O. Box 687
Reynoldsburg, OH 43068-9009
(614) 752-7938 FAX (614) 752-7942
www.com.state.oh.us

Bob Taft
Governor

Gary C. Suhadolnik
Director

October 17, 2001

MERIDIAN PARTNERS
1802 CENTRAL AVE
CLEVELAND OH 44114

SITE: INDEPENDENT TOWEL BLDG.
1994 TANK REMOVAL
1802 CENTRAL AVE
CLEVELAND OH
CUYAHOGA COUNTY
FORMER INCIDENT #1840753-00
RELEASE #18002519-N00001

RE: NO RESPONSE RECEIVED

Dear Sir or Madam:

On November 17, 1995 the Bureau of Underground Storage Tank Regulations (BUSTR) sent you the enclosed letter requesting information needed to complete your closure requirements. As of this date you have not provided the requested information. To be in compliance with Ohio Administrative Code 1301:7-9-12, effective September 1992, you should supply this information within 30 days of the date of this letter.

On March 31, 1999, a new corrective action rule became effective. A provision of this rule allows owners/operators with releases confirmed prior to March 31, 1999 to elect to conduct corrective action under the 1999 rule. A Fact Sheet explaining this option may be found on our web site.

An order form and other publications that may help you to understand the requirements for compliance with BUSTR's rules and regulations may be found on the Internet at www.com.state.oh.us *or* by calling our office.

Thank you for your cooperation. If you have any questions, please contact me at (614) 752-7093.

Sincerely,

Charlie Zepp
Environmental Specialist

Enclosure

xc: Site File

DELEGATED PERMIT FOR UNDERGROUND STORAGE TANKS

Permit No: 02359
Issue Date:

(PROPERTY OWNER)

I. Ownership of Tanks Owner No: 3401	II. Location of Tanks Facility No: 182519
Owner/Operator Name: MERIDIAN PARTNERS	Facility Name: INDEPENDENT TOWEL BLDG.
Address: 1802 CENTRAL AVE.	Address: 1802 CENTRAL AVE.
City: CLEVELAND State: OHIO Zip Code: 44114	City: CLEVELAND State: OHIO Zip Code: 44114
Attn.: (Contact Person): MR. BRUCE MADORSKY Area Code – Phone:	Area Code – Phone: County:
III. Contractor	**IV. Local Fire Department**
Contractor's Name: LANDMARK CONSTRUCTION	Fire Department Name: CLEVELAND FIRE DEPT (DEPEGATED AUTH.)
Contact Person: RAY BUILDT Area Code – Phone: 216-431-1116	Address: 1645 SUPERIOR AVE.
Address: 2111 E. 40TH STREET	City: CLEVELAND State: OHIO Zip Code: 44114
City: CLEVELAND State: OHIO Zip Code: 44103	

V. Permit Issued For: See Below *(Note: Owner's Copy of Permit must be available on job site.)*

Removals/Abandoments:

[101] Tank(s): 1

Installations: X

[201] Tank(s):

Replacement: X

[301] Tank(s):

Repairs: X

[401] Tank(s):

Upgrades: X

[501] Tank(s):

Change in Service/Temporary Closure: X

[601] Systems:

[102] Piping: SET.

[202] Piping:

[302] Piping:

[402] Piping:

[502] Piping:

[103] Total Systems:

[203] Total Systems:

[303] Total Systems:

[503] Leak Detection:

RECEIVED
1994 MAY -2 A 10:
STATE FIRE MARSHAL
BUSTR

FIRE DEPARTMENT USE ONLY

Certified Installer: JAMES HILL ID No: 10-92-2086

Inspector's Signature: [signature] Date: 3/2/94

COM 5210 (Rev. 12/93)

Distribution: White Copy - Tank Owner; Canary Copy - State Fire Marshal; Pink Copy - Fire Department

1840753

DIVISION OF FIRE

ESTABLISHMENT/ABANDONMENT AND CLOSURE CHECKLIST

ISSUE DATE: 3/2/94

II. OWNERSHIP OF TANKS	II. LOCATION OF TANKS
.802 Central Ave. ;leveland Ohio Meridian Partners	1802 Central Ave. Cleveland Ohio

III. CHECKLIST

	TANK	TANK	TANK	TANK	TANK
NK INFORMATION					
e	1957				
pacity	10,000				
nstruction	Steel				
bs ce	Gas				
	Yes				
andoned					
andonment Approval SFM - CFI					
ODUCT/VAPOR REMOVAL					
moval of Product (L=Liquid/S=Sludge)	L/S				
ncentration (% of L.E.L.)	0%				
ncentration (% of O)					
ANK AND PIPE CONDITION					
oles (Tanks)	No				
oles (Piping)	NA				
ITE CONDITION					
ank Cavity	St				
iping Run	NA				
eneath Dispenser(s)	ST				
iping Removed	X Yes ___ No		Dispenser Removed	X Yes ___ No	

ndicate One Of The Following: (If Applicable)
=Odors W=Water ST=Staining FP=Free Product SH=Sheen

WATER SUPPLY

___ Private (Distance)___ Public X Unknown

PERMIT NO.:___

REMARKS:

I Inspector Chambers witnessed the removal of one 10,000 gallon steel tank. James Hill form Ecology Tech 10-92-2086 Certified Installer, on hand to due soil samples and closure report.

INSPECTOR SIGNATURE: Tony Chambers ID NO: S-596-1185 DATE: 3-2-94

M 5200 (08/93) FORMS DISTRIBUTION: WHITE COPY-BUREAU; CANARY COPY-INSPECTOR

BUSTR Files
Parcel 9 – Former George Kline News
2950 Payne Avenue

May 13, 1999

Mr. Charles E. Zepp,
Environmental Specialist
Bureau of Underground Storage Tank Regulations
P. O. Box 687
Reynoldsburg, Ohio 43068-9009

RE: Incident #: 1881527-00
Former GR Klein Fuel Depot
2950 Payne Avenue
Cleveland, Ohio 44114

-and-

Incident #: 188039
Cline News
30th and Payne
Cleveland, Ohio 44114

Dear Charlie,

As you know from our previous discussions, reports and communications, both of the above-captioned Incident Numbers are for the same site even though the name is spelled wrong on the database for Incident #:188039.

BACKGROUND:

INCIDENT #: 188039:
This Incident refers to the removal of two USTs and two pump islands in 1988. This Incident was granted a No Further Action Letter on September 11, 1992, even though there is no record of a Closure Report in the BUSTR files, or in the Client's files, or in the files of the City of Cleveland Fire Prevention Bureau. Furthermore, the tank removal contractor, Cardamone, is no longer in business.

INCIDENT #: 1881527-00:
This Incident refers to the removal of 2 fiberglass tanks (gasoline and diesel) and a steel waste oil tank in September, 1998 (10 years later). The Closure Report dated October 14, 1998, determined that the only "contaminant" above the BUSTR action level in either of the tank cavities or beneath the pump island was TPH 418.1, on the south side of the building in the Waste Oil Tank Cavity.

Because no significant concentrations of volatile compounds were detected and because TPH is not a "contaminant", but a non-specific measurement of any carbon-hydrogen bonds (including those unrelated to petroleum), we recommended that an NFA be issued for this Incident Number.

BACKGROUND: (continued)

BUSTR did not accept our recommendation, and instead requested that our Client conduct a Site Assessment. The Site Assessment Report was completed and published on December 4, 1998.

The Site Assessment determined that the soils east, south, and west of the Waste Oil Cavity were "clean" but that the soil at B-2 (north of the gas station building) was impacted by TPH, Xylenes, and Ethylbenzene and possibly by Benzene and Toluene (the dilution factor caused Benzene and Toluene to have laboratory detection levels above the regulated concentrations for Category 2 sites). In addition, the groundwater was found to be impacted by Trichloroethene (TCE) apparently from an off-site source, and possibly by Benzene (the laboratory detection limit was greater than the Benzene MCL for drinking water).

E.C.G.I. concluded that the contaminants at B-2 (north of the building) clearly did not originate at the Waste Oil Tank that was removed from the south side of the building in 1998, and recommended that Incident #:1881527-00 be granted NFA Status.

E.C.G.I.'s recommendation was rebuffed a second time, and the Client was directed to conduct further delineation of the plume on the north side of the building.

Six additional boreholes were sampled and converted to monitoring wells on February 10, 1999, and were reported to BUSTR in a second Site Assessment Report dated March 5, 1999. This investigation determined that the soils at B-13 and B-14 (each at 10-12 feet) in the area of the North Pump Island (which was removed in 1988) may have been impacted by Benzene (elevated laboratory detection limit), and that the groundwater at these locations was definitely impacted by Napthalene and Ethylbenzene, and possibly impacted by Benzene and Toluene (elevated laboratory detection limits). In addition, chemicals not regulated by BUSTR and most likely from off-site sources (TCE, DCE & Vinyl Chloride) may be present in the groundwater.

Based on these findings, *E.C.G.I.* again recommended that the Incident #:1881527-00 be granted NFA Status. Once again, *E.C.G.I.*'s recommendation was rejected and the Client was asked to further define the plume of contamination to the north (in Payne Avenue or on the Asia Plaza property north of the street).

Further definition of the plume proved to be impossible because the City of Cleveland does not allow drilling in their streets and because Asia Plaza will not

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permit us to drill on their property (see attached letter).

ALTERNATE PLAN OF ACTION:

Because the Client is required by a Purchase Contract to enter into the Voluntary Action Program in order to address the high Chromium and TCE concentrations (from off-site sources) in the groundwater, and because the Client cannot be accepted into the VAP Program without obtaining an NFA on the site, ***E.C.G.I.*** devised an Alternate Plan of Action for this site in order to obtain the required BUSTR NFA Letters.

The new BUSTR Corrective Action Rule (1301:7-9-13) effective March 31, 1999 allows for the evaluation of a site by Risk Assessment, providing that all of the new target contaminants are addressed.

We addressed this site in 2 parts so as to utilize and comply with the new rule.

- The first part consisted of obtaining six (6) additional soil samples at all areas on the east and south sides of the building that were originally sampled as part of the 1998 tank removal project (Incident #:1881527-00).

- The second part consisted of obtaining ten (10) additional soil samples (from 5 boreholes) on the north side of the property in the vicinity of B-2 and the north pump island that was removed in 1988 (Incident #:188039). Because there was no record of a Closure Report, this area was sampled and investigated as a Site Check.

NEW FINDINGS:

Because of elevated laboratory detection limits (higher than the Tier 1 Table values), it is possible that Benzo (a) Pyrene is in the soil at the bottom of the Waste Oil Tank Cavity (approximately 10 feet) and that Benzene is in the soil at B-2 (10-12 feet).

Although the laboratory detection limits for the 2 chemicals of concern are above the Tier 1 MCLs, they are well below the Commercial and Industrial Direct Contact standard published by the Ohio VAP.

Furthermore, the groundwater beneath the site has an Urban Setting Designation issued by the Ohio VAP.

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Mr. Charles E. Zepp,
RE: Incident #: 1881527-00 -and- Incident #: 188039
May 13, 1999

QUESTIONS:

This site is less than 1/4 acre in size, and at this point in time, we have advanced 20 boreholes on the site, converted 10 of them into monitoring wells, and sampled each of the locations more than once! Our Client recognizes that this site will qualify for a BUSTR NFA Letter under the new rules; however, he would like to minimize his costs in getting to that point.

Therefore, I am requesting answers to the following questions that are not clearly addressed in the new rules.

1 Based on the new BUSTR Corrective Action Rule, must we issue a Tier 1 Evaluation Report for the site? Or can we go directly to a Tier 2 (Site Specific Risk Assessment) based on the VAP Industrial/Commercial Direct Contact Standards and the Recording of a Deed Restriction?

2. Must we complete a Tier Evaluation Report for each Incident Number? Or can we issue one report covering the entire site?

Charlie, I would appreciate your prompt response to these questions so that we can proceed with completing the necessary documents, and getting this site into the VAP.

Thanks in advance for your cooperation.

Sincerely,

ENVIRONMENTAL CONSULTING GROUP, INC.
Barry J Sands, CP-181, President

cc: Vern Ord, Acting Director, BUSTR
George Klein, Client

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Ohio Department of Commerce

Division of State Fire Marshal
Bureau of Underground Storage Tank Regulations
8895 E Main St. • P.O. Box 687
Reynoldsburg, OH 43068-9009
(614) 752-7938 FAX (614) 752-7942
www.com.state.oh.us

Bob Taft
Governor

Lt. Governor Jennette Bradley
Director

October 22, 2003

GEORGE KLEIN
KNC BUILDING COMPANY
24200 CHAGRIN
BEACHWOOD, OH 44122

SITE: GEORGE R. KLEIN NEWS CO.
2950 PAYNE AVE
CLEVELAND OH
CUYAHOGA COUNTY
RELEASE #18003815-N00002

RE: ADDITIONAL INFORMATION REQUESTED

Dear Mr. Klein:

The Bureau of Underground Storage Tank Regulations (BUSTR) has reviewed your letter response dated September 23, 2003. Based on our review, BUSTR requests the following:

1. It will be necessary to re-evaluate soil contamination around the waste oil underground storage tank using analytical groups 1 through 3 and to evaluate for the presence of total petroleum hydrocarbons using test method 8015 (C10-C34). This information is needed to determine if soil saturation or direct contact values have been exceeded at this location.
2. Soil samples must be collected in the area immediately around MW-2 (source area) and analyzed, using the 1999 analytical methods, to determine current soil contaminant levels.
3. BUSTR's spreadsheets must be used to calculate site specific target levels for this site.

Publications that may help you to understand the requirements for compliance with BUSTR's rules and regulations may be found on the Internet at www.com.state.oh.us *or* by calling our office.

Please submit this information to BUSTR on or before January 22, 2004.

Thank you for your cooperation. If you have any questions, please contact me at 614-752-7093.

Sincerely,

Charles E. Zepp
Environmental Specialist

xc: Site File

PARTNERS
ENVIRONMENTAL

September 23, 2003

Mr. Charles E. Zepp
Environmental Specialist
Bureau of Underground Storage Tank Regulations
PO Box 687
Reynoldsburg, OH 43068-9009

Re: Release #: 18003815-N00002
Formerly Incident #: 1881527-00

Dear Mr. Zepp,

I have been asked by Mr. George Klein of the KNC Building Company to respond to your letter of September 10, 2003.

Please be advised that **we did respond** to your letter of August 24, 2001. I called you and advised you that I revisited the site and found that the new owner of the site had paved and fenced the entire site for use as a parking lot for its employees and visitors, and that all of the original wells were either covered over, damaged, or inaccessible due to the re-paving activities.

I also advised you at that time that a Tier 2 Evaluation Report prepared by Environmental Consulting Group, Inc. (ECGI) was delivered to you in December 1999. This report showed that further testing was not warranted for the following reasons:

- First, the Tier 2 included a Risk Assessment, conducted using worst-case data, showed that there was no significant risk to human health from the petroleum contaminants remaining on the site except for the vapor infiltration pathway into buildings.
- Second, because of the risk of vapor infiltration to indoor air, a deed restriction included in the warranty deed executed on November 5, 1999 prohibited the use of groundwater for any purpose, prohibited the use of the property for residential use, prohibited excavation on the property at depths greater than 5 feet, and prohibited the construction of any habitable structure on the subject site.
- Third, the entire site was situated within the Cleveland Area USD and no wells are located within one-half mile of the site.

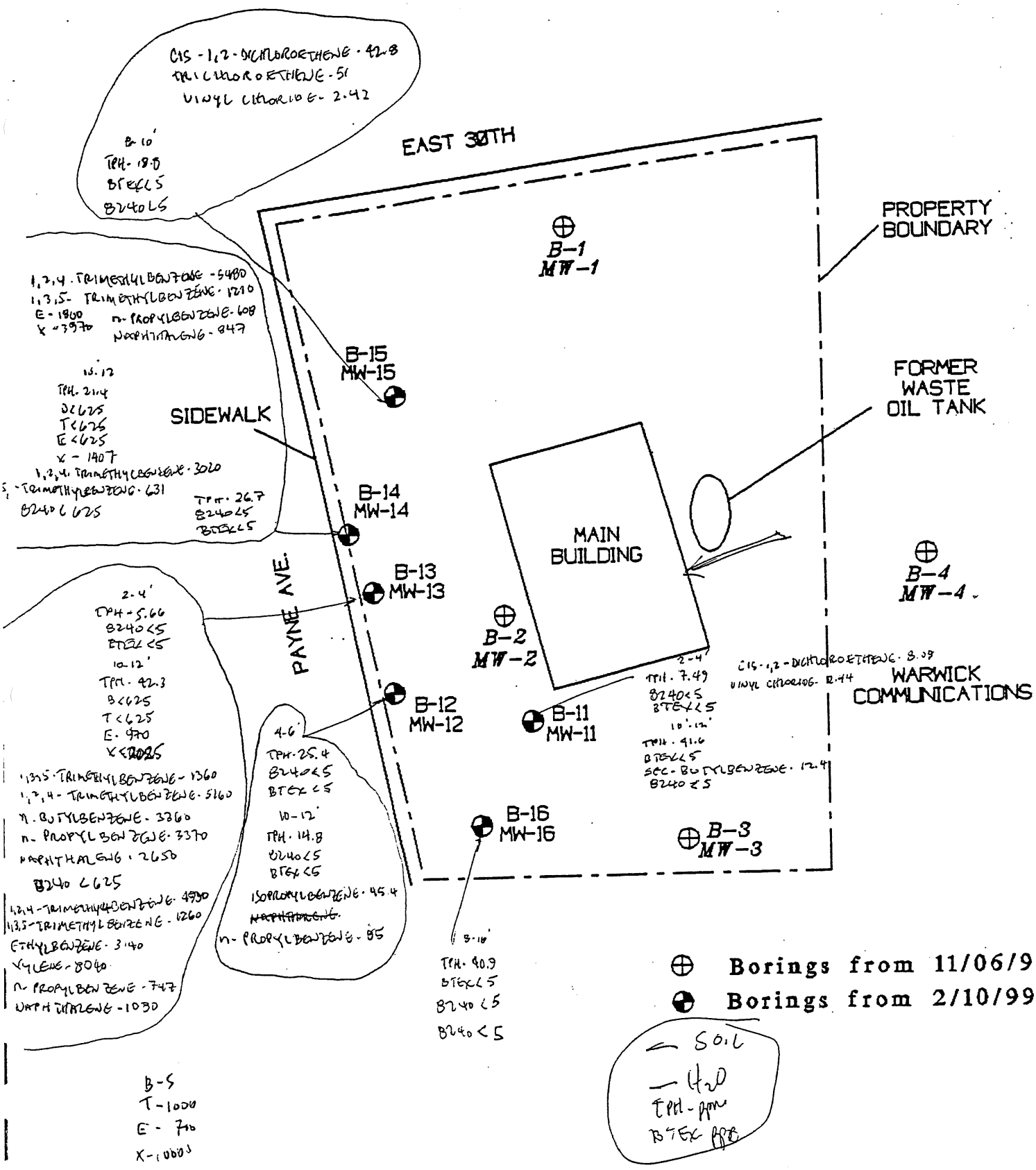
Mr. Zepp, I have attached to this letter a compilation of all of the documents that have been submitted to BUSTR regarding this site. Mr. Klein has complied your numerous requests for additional testing. In addition to all of the samples collected and analyzed for the tank closure reports, this tiny site has been sampled at no less than 17 separate locations (some at multiple depths).

No further testing is indicated or warranted. I urge you to re-read the Tier 2 Evaluation Report that has been in BUSTR's possession since 1999, so that you can verify that this site is deserving of a NFA Letter.

Thank you for your prompt attention to this matter.

Sincerely,
Partners Environmental Consulting, Inc.

Barry J. Sands, CP-181,
Senior Environmental Consultant



ENVIRONMENTAL CONSULTING GROUP, INC

25550 Chagrin Blvd., Suite 405

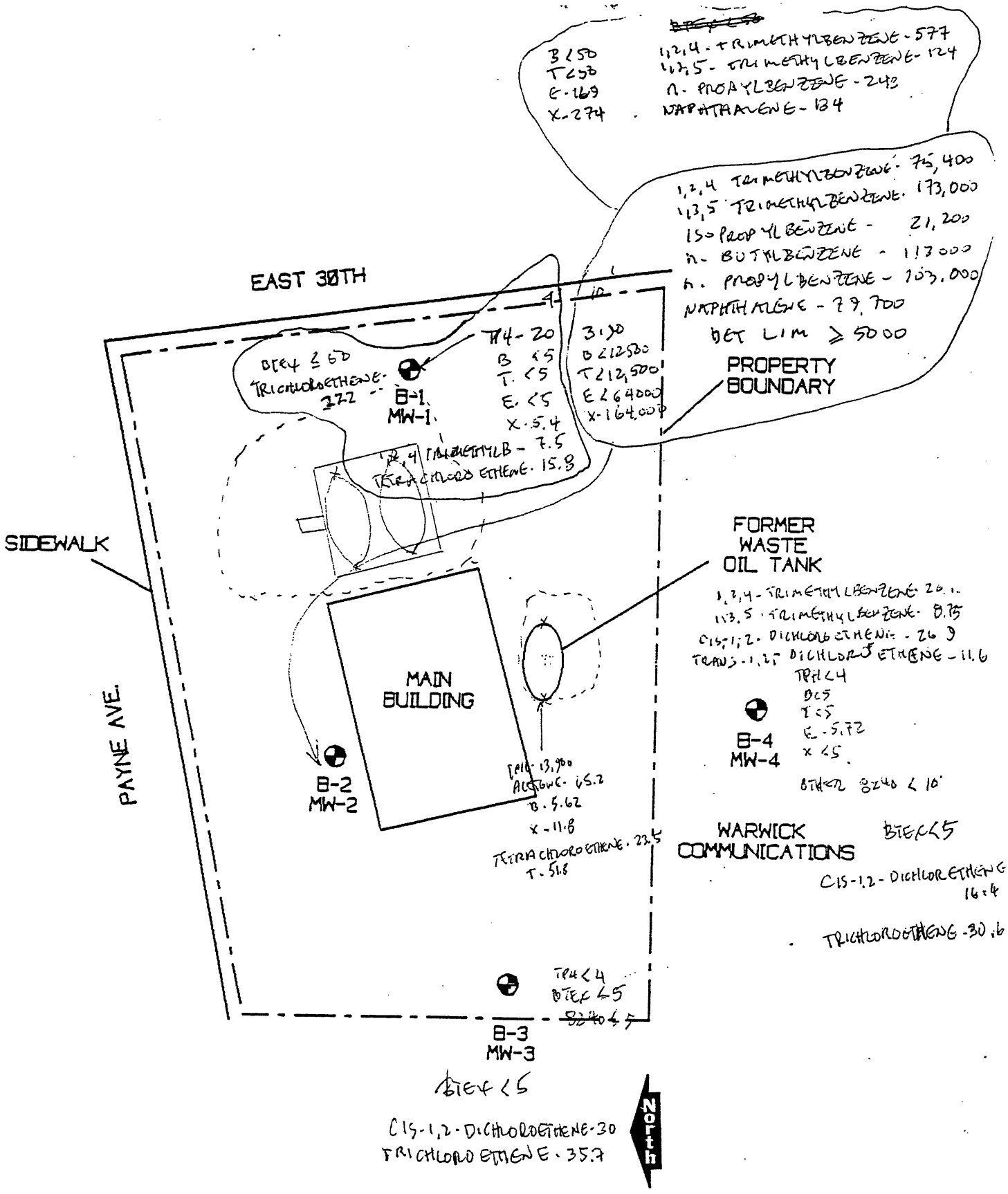
Beachwood, Ohio 44122

Boring Locations

GR Klein Fuel Depot

Cleveland, Ohio

1"= 30' **2/12/99**



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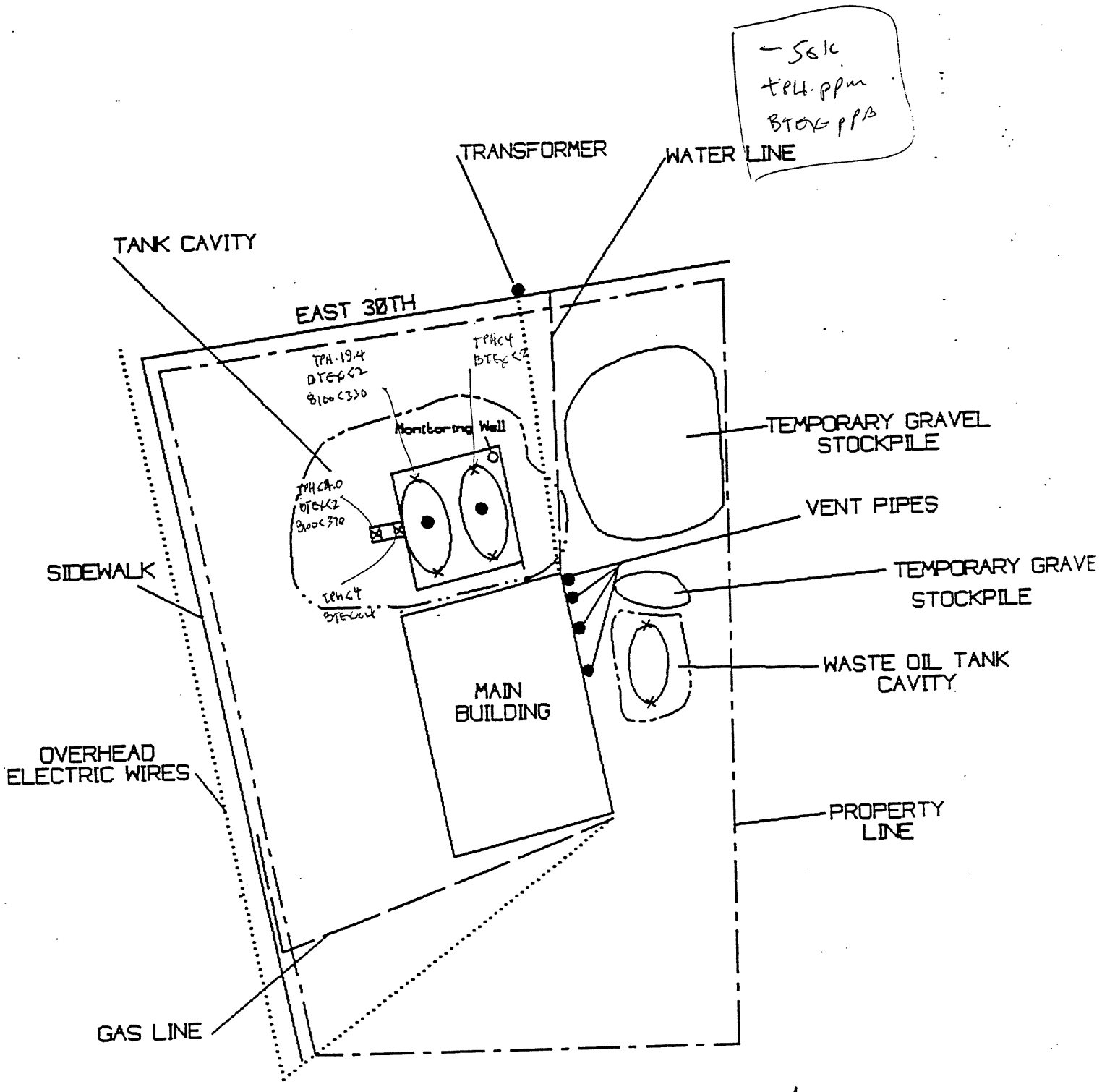
Beachwood, Ohio 44122

BOREHOLE LOCATION MAP

Cleveland, Ohio

Scale 1" = 30' **12/07/98**

188 1527.00



VIRONMENTAL CONSULTING GROUP, INC

25550 Chagrin Blvd., Suite 405

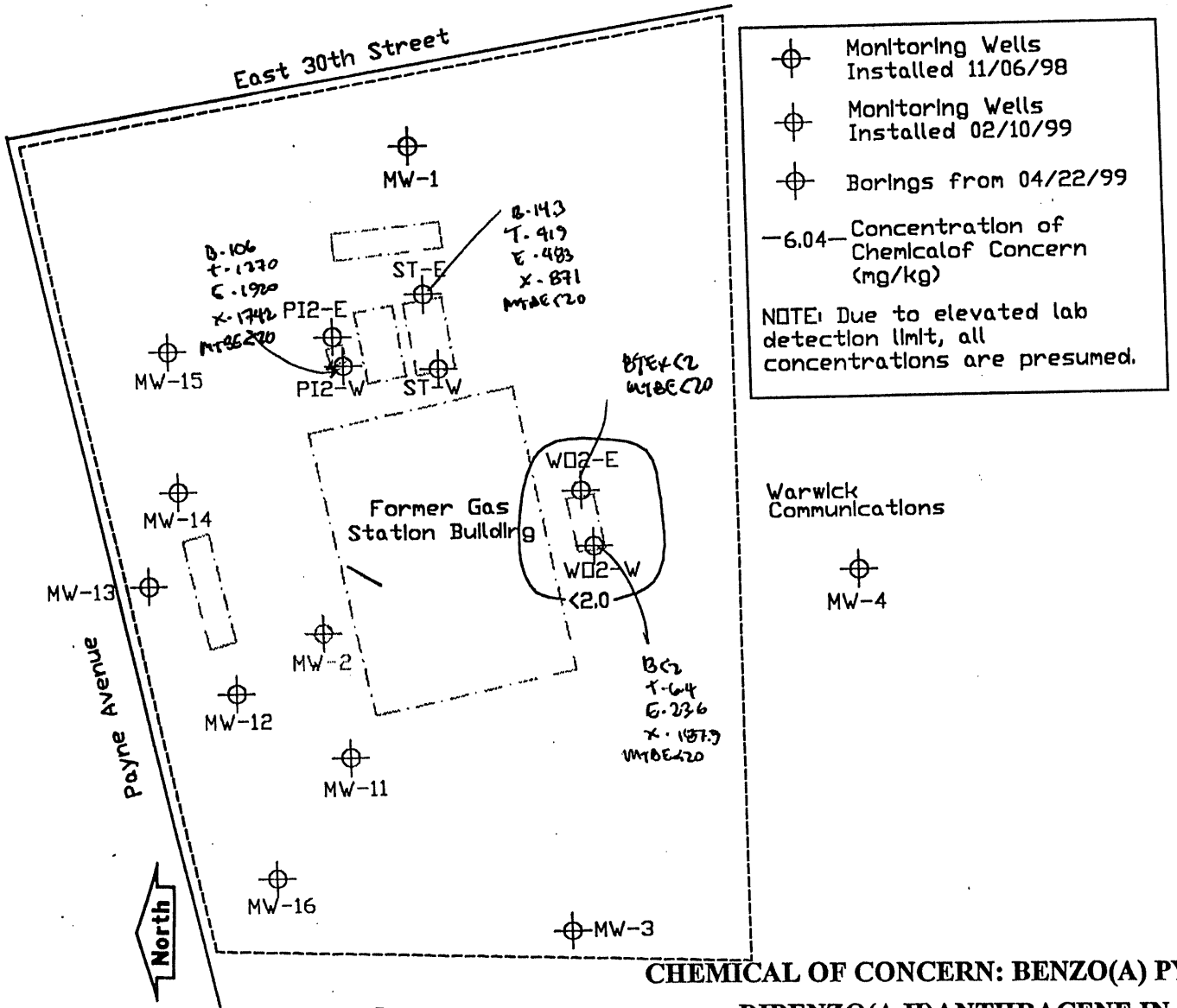
Beachwood, Ohio 44122

Site Plan

GR Klein Fuel Depot

Cleveland, OH

Scale 1" = 30' +/-



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25550 Chagrin Blvd., Suite 405

Beachwood, Ohio 44122

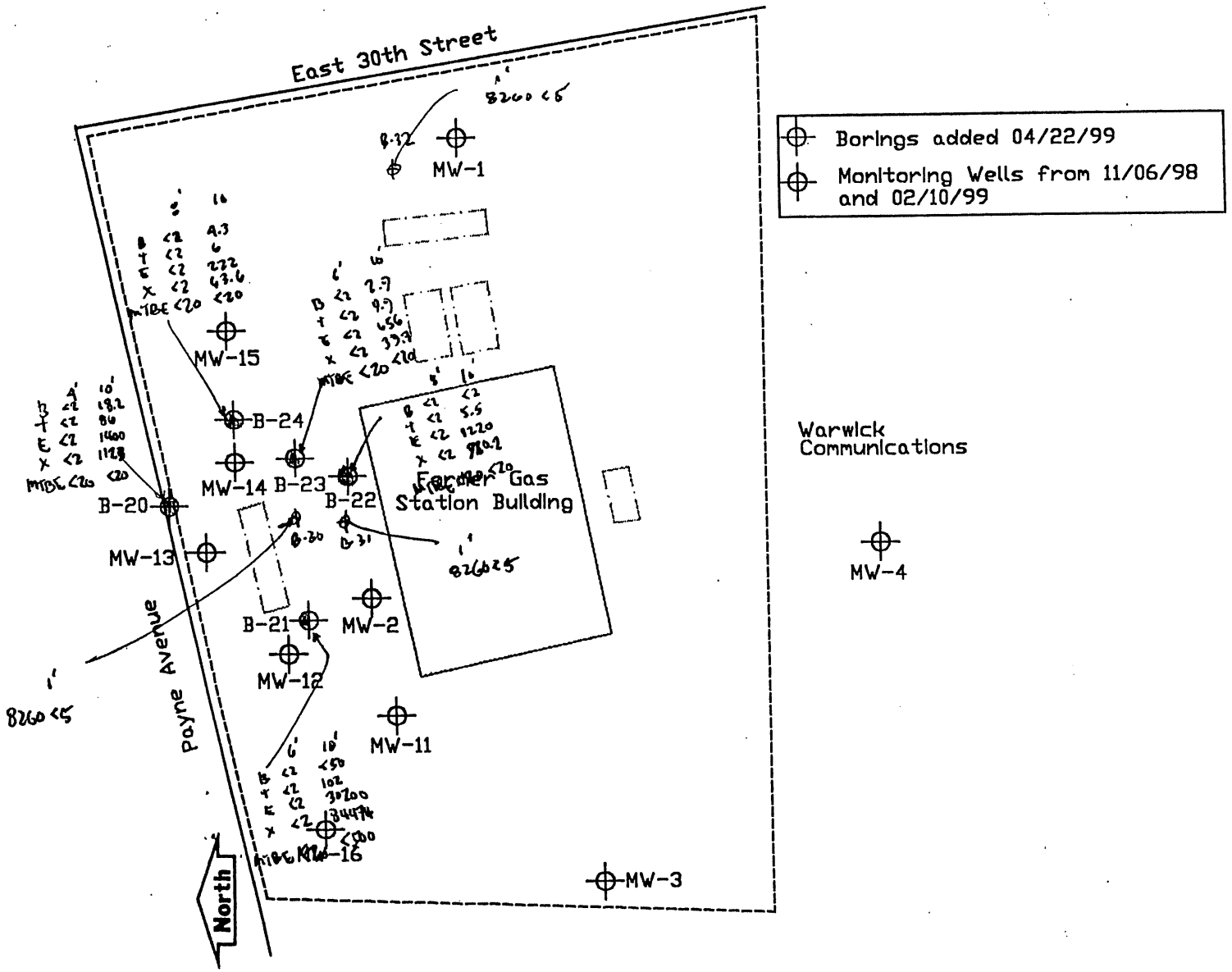
CHEMICAL OF CONCERN: BENZO(A) PYRENE AND DIBENZO(A,H)ANTHRACENE IN SOIL

MCL = 0.55 mg/kg

G.R. Klein Fuel Depot

2950 Payne Avenue Cleveland, Cuyahoga County, Ohio

11/18/99 1" = 30' +/- SLL



ENVIRONMENTAL CONSULTING GROUP, INC

25550 Chagrin Blvd., Suite 405

Beachwood, Ohio 44122

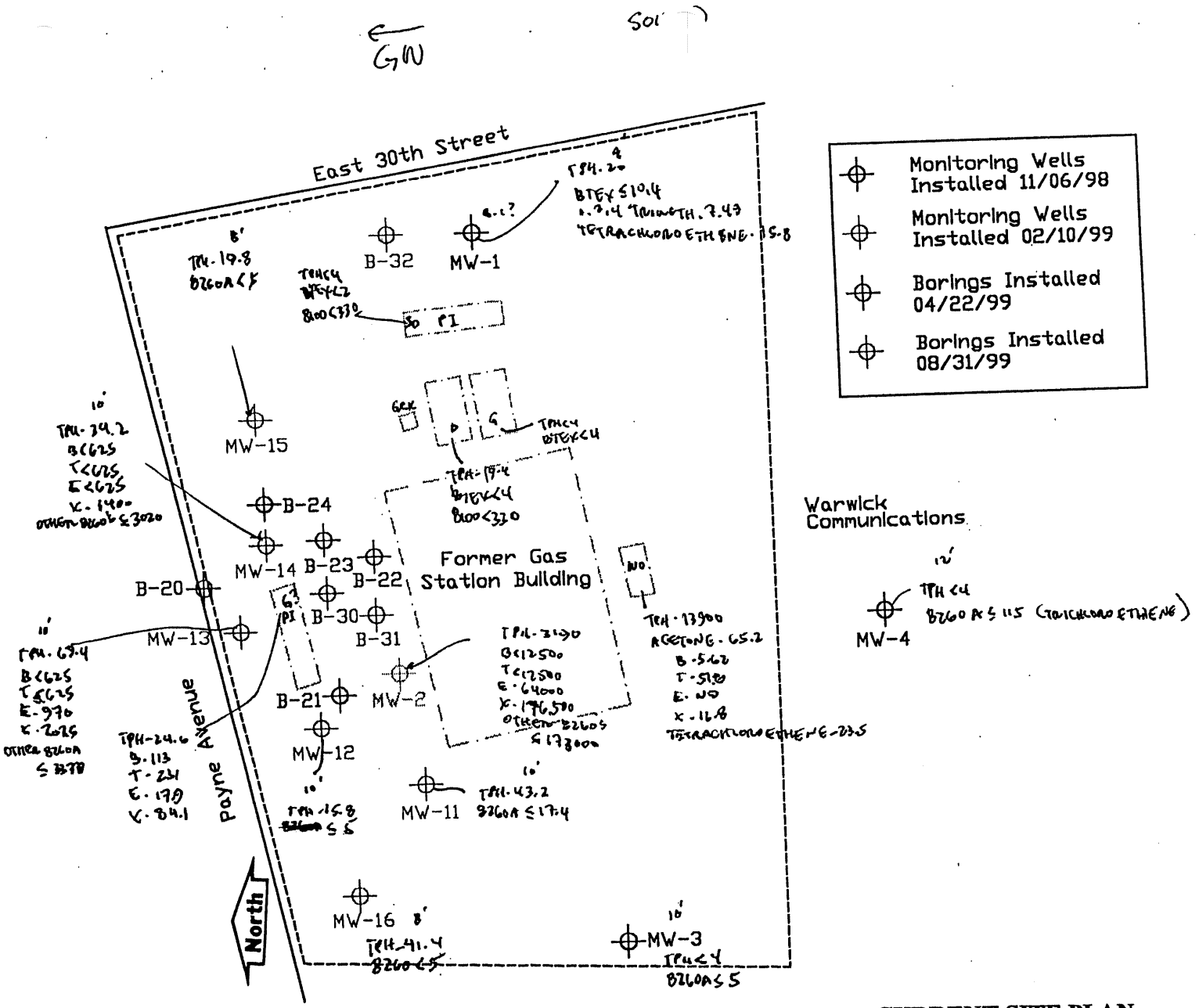
SITE PLAN

RULE 13 SAMPLING

G.R. Klein Fuel Depot

2950 Payne Avenue Cleveland, Cuyahoga County, Ohio

04/22//99 1" = 30' +/- SLL



ENVIRONMENTAL CONSULTING GROUP, INC

25550 Chagrin Blvd., Suite 405

Beachwood, Ohio 44122

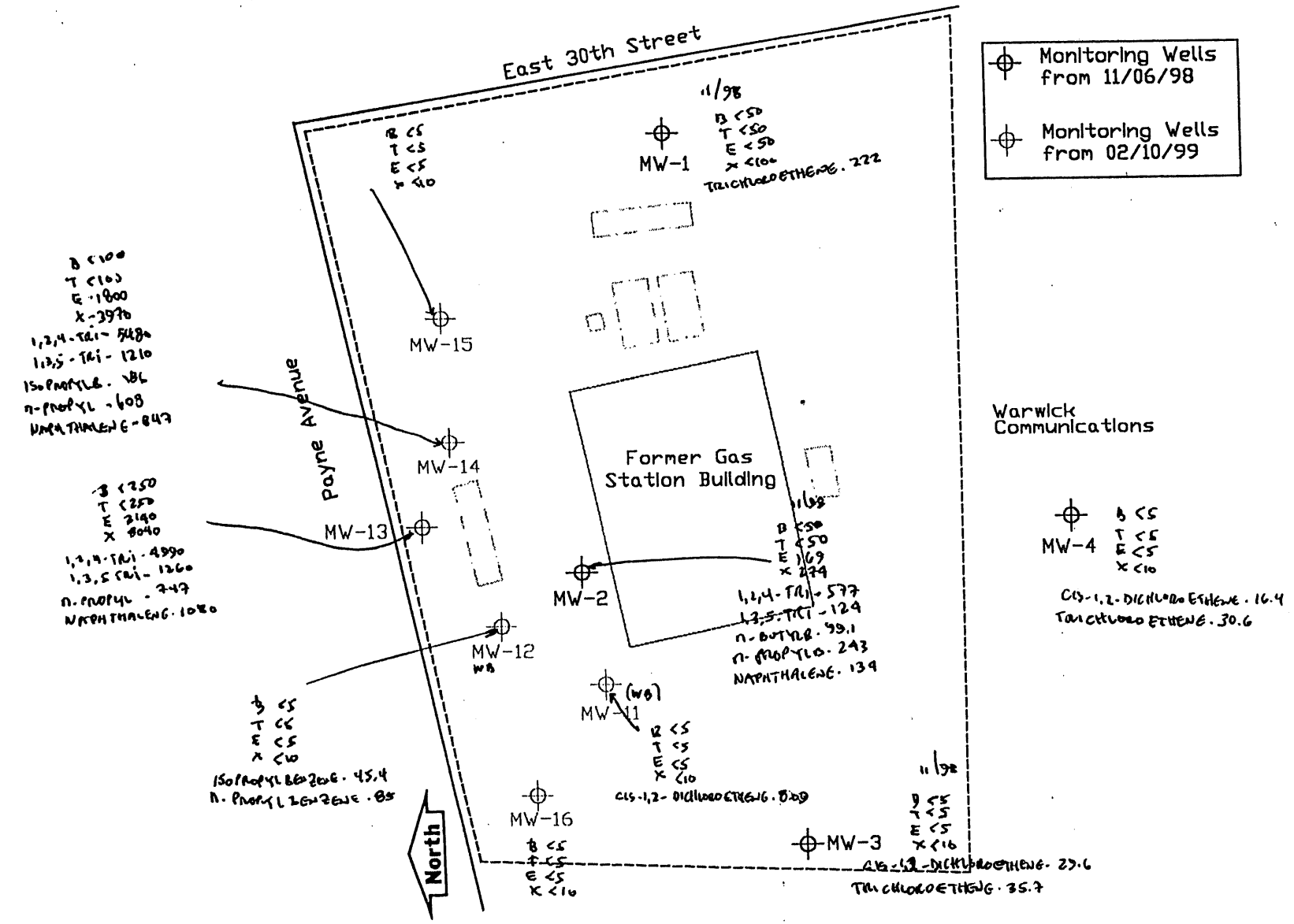
CURRENT SITE PLAN

(Dashed and gray objects have been removed from the site.)

G.R. Klein Fuel Depot

2950 Payne Avenue Cleveland, Cuyahoga County, Ohio

11/15//99 1" = 30' +/- SLL



ENVIRONMENTAL CONSULTING GROUP, INC

25550 Chagrin Blvd., Suite 405

Beachwood, Ohio 44122

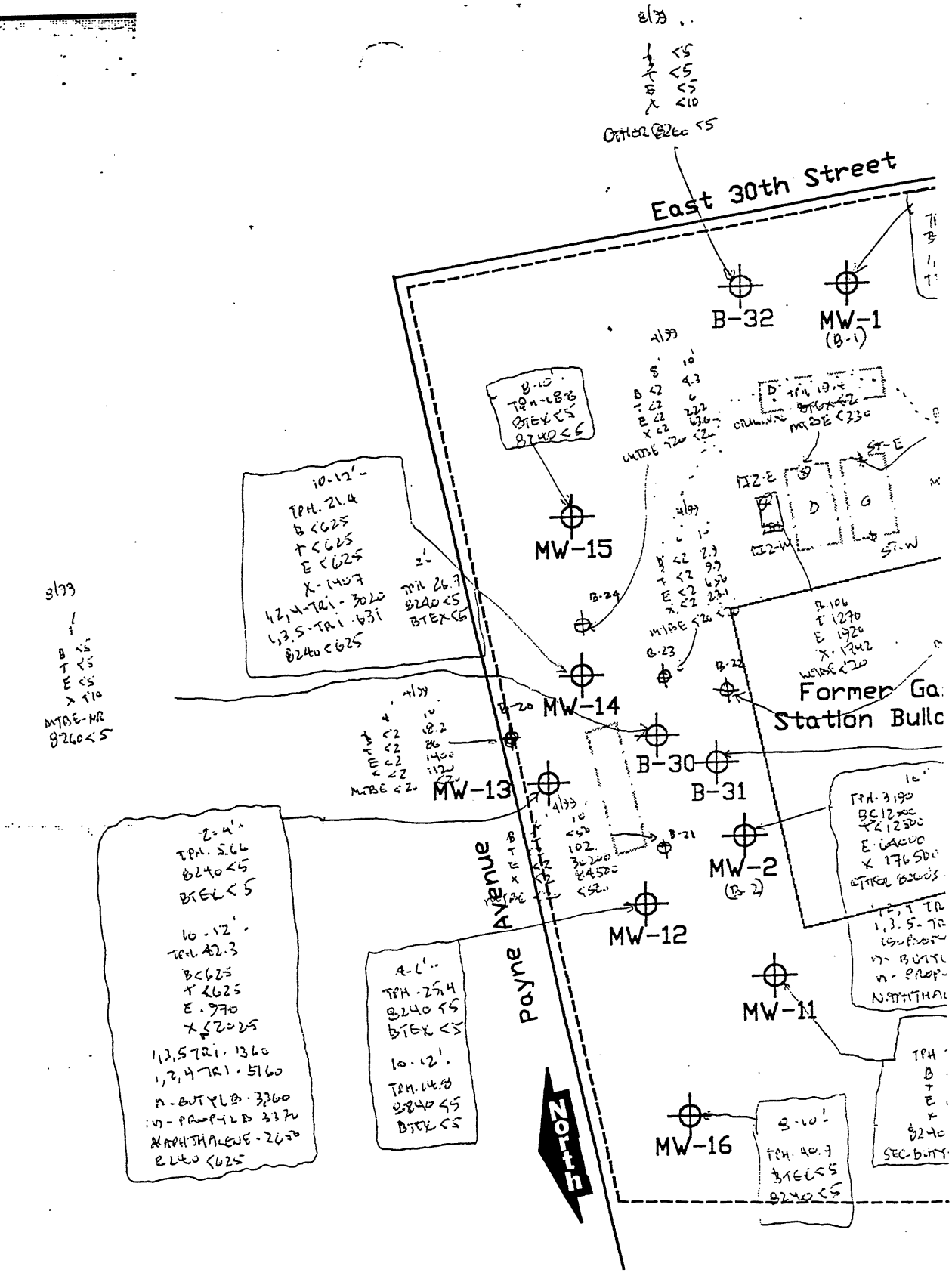
SITE PLAN

2nd Risk Assessment

G.R. Klein Fuel Depot

2950 Payne Avenue Cleveland, Cuyahoga County, Ohio

02/10/99 1" = 30' +/- SLL



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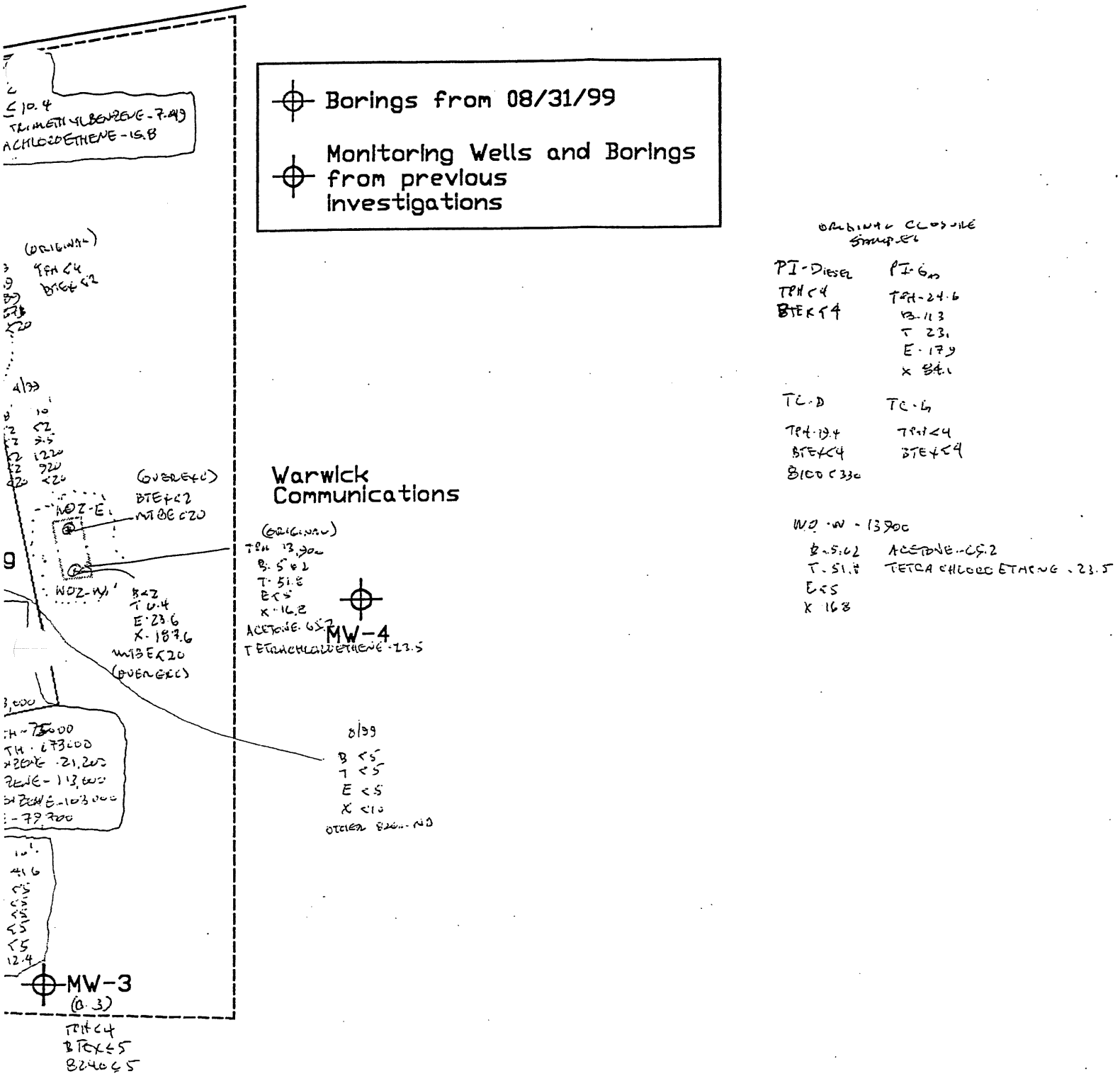
Beachwood, Ohio 44122



SITE PLAN

NEAR SURFACE SAMPLING

G.R. Klein Fuel Depot

2950 Payne Avenue Cleveland, Cuyahoga County, Ohio

08/31/99 1" = 30' +/- SLL

ENVIRONMENTAL CONSULTING GROUP, INC.

25550 Chagrin Blvd. • Suite 405 • Cleveland, Ohio 44122
(216) 464-5540 • FAX: (216) 464-5541

TIER-2 EVALUATION REPORT

Incident #: 18815727-00

Former G.R. Kleir. Fuel Depot
2950 Payne Avenue
Cleveland, Ohio 44114

Prepared for:

Mr. George Klein, Partner
KNC Building Company
24200 Chagrin Blvd. - Suite 242
Beachwood, Ohio 44122

December 15, 1999
0345-0019

ENVIRONMENTAL CONSULTING GROUP, INC.

25550 Chagrin Blvd. • Suite 405 • Cleveland, Ohio 44122
(216) 464-5540 • FAX: (216) 464-5541

December 20, 1999

Mr. Charles E. Zepp,
Environmental Specialist
Bureau of Underground Storage Tank Regulations
P. O. Box 687
Reynoldsburg, Ohio 43068-9009

99 DEC 21 PM 12:37

RE: Incident #: 1881527-00
G.R. Klein Fuel Depot
2950 Payne Avenue
Cleveland, Ohio 44114

Dear Mr. Zepp,

Enclosed with this letter, please find our Tier-2 Evaluation Notebook for the above-captioned site. The signed Tier-2 Evaluation Checklist appears as the first two pages in the notebook.

After completing all of the sampling, analysis, site characterization and risk assessment work required for the Tier-2 Evaluation, we conclude that this site should receive NO FURTHER ACTION status.

Charlie, as you know, the tanks covered by this incident number were removed in September, 1988; and after two full Site Assessments conducted under the old Rule 13, we had to re-sample the entire site in order to comply with the new Rule 13 requirements. I know that you are loaded up with other projects, but I would appreciate anything you can do to expedite the review and approval process for this site.

Thanks for your help, and I wish you a joyous holiday and a healthy new year.

Sincerely,

ENVIRONMENTAL CONSULTING GROUP, INC.
Barry J Sands, CP-181, President

cc: George Klein, KNC Building Company
Jerald L. Moss, Warwick Communications

1881527-00

Tier 2 Evaluation Checklist

Date:	December 15, 1999	Incident #:	18815727-00
(Owner) Operator[1]:	KNC Building Company	Facility:	GR Klein Fuel Depot
Address:	24200 Chagrin, #242	Address:	2950 Payne Ave.
	Beachwood, OH 44122		Cleveland, OH 44114
Phone #:	(216) 464-2950	Preparer:	Barry J. Sands
Contact Person:	George Klein		
(Owner) Operator[1] Signature:			
Preparer's Signature:			
Date Tier 1 Evaluation Notification was Submitted:	October 27, 1999		

Information submitted within 2 years of submission of the Tier 1 Evaluation Notification	√Check	Page #
A description of the activities conducted during the Tier 2 Evaluation should include, but not be limited to:		
Site Conceptual Model		
1. A description of the receptors and their characteristics on the UST site and in the surrounding area.	X	29-30
2. A description of the environmental media likely to contain concentrations of chemical(s) of concern and the fate and transport mechanisms likely to impact migration of chemical(s) of concern.	X	30-31
3. A description and determination of the current and reasonably potential future use of the UST site and the surrounding area.	X	31-32
4. Justifications for any land use other than residential land use.	X	32
Site Assessment		
1. A description of the data collection program, including the objectives of the data collection activity and the quantity and quality of data to be collected	X	7-12
2. A description of the evaluation of the exposure pathways identified in the Site Conceptual Model.	X	32-34
3. A description of revisions to the Site Conceptual Model based on the data collection activities.	X	19-21 & 23
4. A description and justification for any exposure pathways that were determined to be incomplete.	X	34-35
5. A description of the activities to determine the likely distribution of the chemical(s) of concern.		
• Soil boring and samples	X	15-23
• Ground water monitoring wells and samples	X	15-23
• Analytical results for soil and ground water samples	X	24-27
6. A description of the geologic and hydrogeologic characteristics of the UST site and surrounding area that may influence the fate and transport of chemical(s) of concern.	X	14

99 DEC 21 P 12:36

[1] Circle one

Tier 2 Evaluation Checklist

Information submitted within 2 years of submission of the Tier 1 Evaluation Notification	√Check	Page #
A description of the activities conducted during the Tier 2 Evaluation should include, but not be limited to:		
7. A description and justification for the selection and location of the Point(s) of Exposure	X	37
8. A description and justification for the selection and location of the Point(s) of Demonstration.	X	37
9. A description and justification for any statistically derived concentrations of chemical(s) of concern	X	38
10. A description of any fate and transport analysis conducted.	X	38&43
11. A description and justification for Site-Specific Target Levels (SSTL) calculated.	X	45
12. A description and justification Land Use restrictions and mechanisms necessary for the UST site based on the Tier 2 Evaluation.	X	38
Tier 2 Options (Check One)		
1. A description of the Tier 2 Option or Options selected		
• Statistically derive the representative concentration of chemical(s) of concern and compare to Tier 1 Action Levels	X	45
• Develop SSTL by replacing assumptions for Geological, hydrogeological and physical parameters used in algorithms for the Tier 1 Action levels	N/A	45
• Apply the Action Levels at a site-specific Point(s) of Exposure and back-calculate SSTL	X	45
Tier 2 Decisions		
1. Discuss the Tier 2 decision or decisions, as appropriate, for the site and further action to be taken[1]		
___ • No Further Action (Tier Evaluation Report needs to be submitted)	X	46
___ • Interim Response Action (Interim Response Action Notification needs to be submitted 10 days prior to beginning action)		
___ • Remedial Action using the SSTL as Target Levels (Remedial Action Plan needs to be submitted)		
• Tier 3 Evaluation		

TIER-2 EVALUATION REPORT

Former G.R. Klein Fuel Depot - 2950 Payne Ave - Cleveland, Ohio 44114
Incident #: 18815727-00
December 15, 1999

TABLE OF CONTENTS

1.0 INTRODUCTION 1
- 1.1 EXECUTIVE SUMMARY 1
- 1.2 HISTORY OF THE SITE 2
- 1.3 PHYSICAL SETTING 6
- 1.4 WATER RESOURCES 6
- 1.5 URBAN SETTING DESIGNATION 7

2.0 SITE ASSESSMENT 7
- 2.1 HISTORY OF DATA COLLECTION PROGRAM 10
- 2.2 DATA QUALITY OBJECTIVES 12
- 2.3 QUANTITY & QUALITY OF SAMPLES 14
- 2.4 CHEMICALS OF CONCERN 16

3.0 SITE CONCEPTUAL MODEL 16
- 3.1 GEOLOGIC AND HYDROGEOLOGIC CHARACTERISTICS 16
- 3.2 FINDINGS OF THE 1998 TANK CLOSURE 17
- 3.3 FINDINGS OF THE INITIAL SITE ASSESSMENT 18
- 3.4 CONCLUSIONS BASED ON THE INITIAL SITE ASSESSMENT 18
- 3.5 THE INITIAL SITE CONCEPTUAL MODEL 19
- 3.6 THE FOLLOW-UP SITE ASSESSMENT 21
- 3.7 REVISIONS TO THE SITE CONCEPTUAL MODEL 23
- 3.8 RULE 13 SAMPLING 25
- 3.9 SECOND REVISION TO THE SITE CONCEPTUAL MODEL 25
- 3.10 NEAR SURFACE SAMPLING 26

4.0 SITE ASSESSMENT SUMMARY 26
- 4.1 SUMMARY OF SOIL FINDINGS 28
- 4.2 SUMMARY OF GROUNDWATER FINDINGS 30
- 4.3 EVALUATION OF TIER-1 APPLICABILITY 31

5.0 SITE CHARACTERIZATION 31
- 5.1 RECEPTORS AND CHARACTERISTICS 32
- 5.2 FATE AND TRANSPORT MECHANISMS 33
- 5.3 CURRENT USE OF SITE 33
- 5.4 FUTURE USE OF SITE 34
- 5.5 JUSTIFICATIONS FOR COMMERCIAL LAND USE 34
- 5.6 EVALUATION OF ON-SITE EXPOSURE PATHWAYS 35
- 5.7 EVALUATION OF OFF-SITE PATHWAYS 36
- 5.8 JUSTIFICATION FOR INCOMPLETE PATHWAYS 37
- 5.9 ACTIVITIES TO DETERMINE DISTRIBUTION OF CHEMICALS 37

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TIER-2 EVALUATION REPORT

Former G.R. Klein Fuel Depot - 2950 Payne Ave - Cleveland, Ohio 44114
Incident #: 18815727-00
December 15, 1999

TABLE OF CONTENTS

6.0 TIER-2 EVALUATION 39
6.1 ON-SITE SOILS POINTS OF EXPOSURE 39
6.2 OFF-SITE POINTS OF EXPOSURE 39
6.3 POINTS OF DEMONSTRATION 40
6.4 STATISTICAL DERIVATIONS 40
6.5 DESCRIPTION OF FATE AND TRANSPORT ANALYSIS 40
6.6 DESCRIPTION & JUSTIFICATION FOR SSTL 40
6.7 DESCRIPTION & JUSTIFICATION FOR LAND USE RESTRICTIONS . 40

7.0 ON-SITE RISK ASSESSMENTS 41
7.1 ON-SITE GROUNDWATER TO INDOOR AIR AND OUTDOOR AIR .. 41
7.2 ON-SITE SOILS TO INDOOR AIR AND OUTDOOR AIR 41
7.3 INGESTION AND DERMAL CONTACT - ON-SITE SOILS 42
7.4 INGESTION AND DERMAL CONTACT - ON-SITE GROUNDWATER . 43
7.5 INHALATION OF OUTDOOR AIR BY ON-SITE WORKERS - SOIL ... 43
7.6 INHALATION OF OUTDOOR AIR BY ON-SITE WORKERS - WATER . 43
7.7 CONCLUSIONS REGARDING ON-SITE RISKS 44

8.0 OFF-SITE RISK ASSESSMENTS 45
8.1 INHALATION OF INDOOR AND OUTDOOR AIR ON ADJOINING PROPERTY 45
8.2 DERMAL CONTACT AND INHALATION - WORKER SCENARIO ... 45

9.0 TIER-2 OPTIONS 47
9.1 STATISTICALLY DERIVED CONCENTRATIONS 47
9.2 SITE SPECIFIC TARGET LEVELS 47
9.3 APPLY ACTION LEVELS AND BACK CALCULATIONS 47
9.4 TIER-2 DECISIONS 48
9.5 RECOMMENDATIONS 48
9.6 FUTURE MONITORING 48

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TIER-2 EVALUATION REPORT

Former G.R. Klein Fuel Depot - 2950 Payne Ave - Cleveland, Ohio 44114
Incident #: 18815727-00
December 15, 1999

1.0 INTRODUCTION

1.1 EXECUTIVE SUMMARY

The Subject property was a Sohio Gas Station from 1949 to 1979, and was a GR Klein News Company Fuel Depot from 1980 to 1998. The tank systems were removed, and a Closure Report was completed in October, 1998.

A BUSTR-directed Site Assessment was completed in December, 1998, and a follow-up BUSTR-directed Site Assessment was completed in March, 1999. In order to make the site eligible for evaluation under the new OAC Rule 1301:7-9-13, a Site Check was completed in May, 1999; and finally, near-surface sampling was conducted in August, 1999.

The laboratory findings obtained from these five separate sampling events were compared to the action levels established in the BUSTR Tier-1 Screening Tables.

A Tier-1 Evaluation Report, published on October 27, 1999, determined that the site would have to be addressed under the Tier-2 provisions of OAC 1301:7-9-13.

This Tier-2 Evaluation Report is a summary of the findings of all sampling events, the identification and evaluation of the potential receptors and pathways, the results of the risk assessments performed for completed pathways, and the institutional controls required to qualify the Subject Property for NFA Status under the BUSTR rules.

In the professional opinion of ***E.C.G.I.***, this site qualifies for NO FURTHER ACTION status under the BUSTR RULES.

1.2 HISTORY OF THE SITE

There is no record of commercial or industrial use of the Subject Property prior to 1949.

The Subject Property was operated as a Sohio Gasoline Station from 1949 to approximately 1979, when a water line running beneath Payne Avenue burst and washed away a large section of the northern portion of the site, disabling the gasoline pump island and its related piping systems north of the building.

The George R. Klein News Company (GRK) acquired the site in the early 1980s for use as a Fuel Depot for its fleet of delivery trucks.

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1.2 HISTORY OF THE SITE (continued)
GRK removed and abandoned the Sohio north pump island, replaced the eroded soils on the site, and continued to operate the three former Sohio tanks (gasoline, diesel and waste oil) along with the Sohio east pump island.

In 1998, GRK removed the Sohio east pump island, replaced the diesel and gasoline tanks in the east tank cavity with new fiberglass tanks, and installed a new pump island adjacent to the north wall of the tank cavity. After remediation of the soil in the tank cavity, the site was granted NFA status under the misspelled name of: "Cline News" (Incident #188039-00). The steel waste oil tank south of the building continued to be used by GRK.

The two GRK fiberglass UST systems and the former Sohio steel Waste Oil Tank were removed ten years later (1998). This Closure was identified by BUSTR as Incident #: 1881527-00.

The gas station building was subsequently demolished in 1999, and the site is CURRENTLY VACANT LAND that is used only for parking.

1.3 PHYSICAL SETTING:
The Subject Property is approximately 0.4 acres in size, and located on the southwest quadrant of the intersection of Payne Avenue and East 30th Street, just east of downtown Cleveland, Cuyahoga County, Ohio. A segment of the 7.5 Minute USGS Quadrangle map identifying the site (Figure 1) can be found on page 4.

The Subject Property is located in a fully developed urban area that is zoned for commercial and industrial use, and all of the adjoining properties are utilized for commercial purposes. There are two vacant older single family residential properties approximately 200-250 feet northeast of the site, and several residential properties approximately 600-700 feet north of the site. An Aerial Photo identifying all of the properties within 300 feet of the site (Figure 2) can be found on page 5.

The Subject Property is situated over a buried river valley and the mean elevation of the site is approximately 640 ft. MSL. The near-surface soils in the vicinity of the Subject Property are described as glacially deposited sand and gravel with interbedded silts and clays.

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1.3 PHYSICAL SETTING: (continued)
Bedrock in the vicinity of the Subject Property should be encountered at a depth of approximately 445 feet.

The regional topography slopes towards Lake Erie, approximately 1 mile to the northwest.

The **LEGAL DESCRIPTION** of the property and a **1999 SURVEY** are included in APPENDIX 1.

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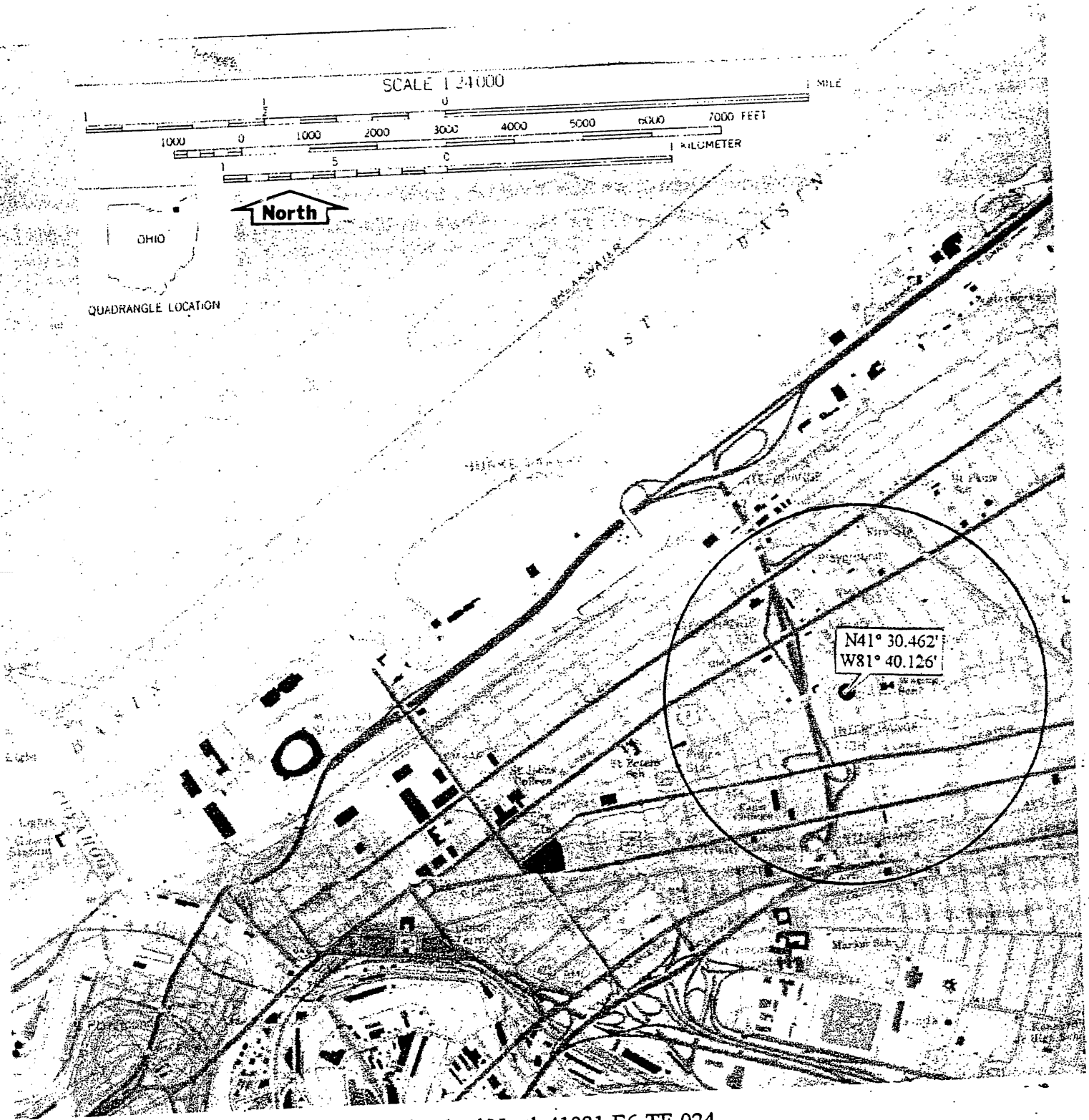
TIER-2 EVALUATION REPORT

Former G.R. Klein Fuel Depot - 2950 Payne Ave - Cleveland, Ohio 44114
Incident #: 18815727-00
December 15, 1999



Cleveland North 41081-E6-TF-024
Cleveland South 41081-D6-TF-024

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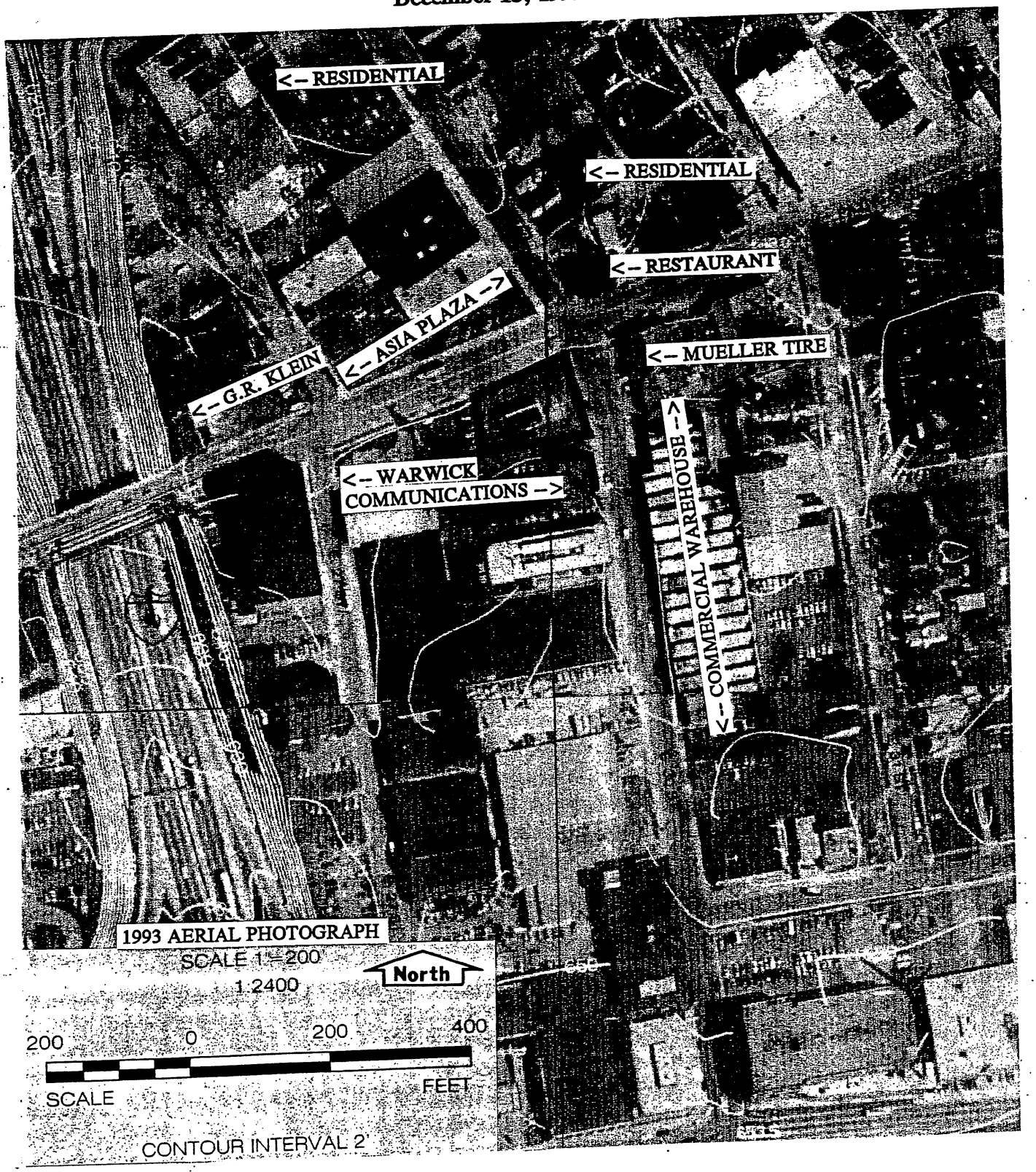
TIER-2 EVALUATION REPORT

Former G.R. Klein Fuel Depot - 2950 Payne Ave - Cleveland, Ohio 44114
Incident #: 18815727-00
December 15, 1999



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1.4 WATER RESOURCES

Groundwater was encountered at a depth of approximately 11 feet below the ground surface (bgs) in all boreholes, and the calculated groundwater flow was calculated to be to the north-northwest; however, the direction of flow may have been skewed due to the replacement of the washed-away soil on the northern portion of the site.

ODNR has identified no water wells within ½ mile of the Subject Property, and all properties within in the City of Cleveland are required by law to be connected to the regional public water system which obtains all of its water from Lake Erie.

The ODNR information is included in APPENDIX 2-A.

There are no bodies of surface water within ½ mile of the Subject Property.

1.5 URBAN SETTING DESIGNATION

The City of Cleveland has received an Urban Setting Designation (USD) from the Ohio VAP for a large area surrounding and including the Subject Property. The USD prohibits the future use of groundwater for any purposes.

Documents verifying the USD Determination for the Subject Property are included in APPENDIX 2-B.

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2.0 SITE ASSESSMENT

2.1 HISTORY OF DATA COLLECTION PROGRAM

The two 8,000 gallon fiberglass tank systems (installed in 1988 by GRK) in the former Sohio east tank cavity, and the 1,000 gallon steel waste oil tank installed south of the garage building in 1949 were removed from the property on September 22, 1998, under the direction of ***E.C.G.I.*** All sampling was conducted as per BUSTR closure requirements in effect at the time, and a Closure Report was submitted to BUSTR on October 14, 1998. Incident #1881527-00 was assigned to the site.

Notwithstanding ***E.C.G.I.***'s recommendation that the site be granted NFA status, BUSTR directed the Owner of the property to conduct a Site Assessment. The Site Assessment consisted of 4 boreholes advanced on November 6, 1998, and each converted to a monitoring well (MW-1 to MW-4). The Site Assessment Report was submitted to BUSTR on December 4, 1998 by ***E.C.G.I.***.

The Site Assessment found concentrations of chemicals on the north side of the property that did not appear to be related to the 1998 removal of the 3 USTs. This residual contamination was believed to have been caused by leaks from the former Sohio north pump island and/or its product supply lines.

BUSTR directed the Owner of the property to conduct further Site Assessment activities in order to determine the extent of the residual contamination on the northern portion of the property. The follow up Site Assessment consisted of six additional boreholes advanced on February 10, 1999, and each converted to a monitoring well (MW-11 to MW-16). The Site Assessment Report was submitted to BUSTR on March 5, 1999 by ***E.C.G.I.***. Chemical concentrations in the soil and groundwater samples exceeded those permitted for Category-2 sites. The lateral extent of the plume of contamination on the site was defined; however, the plume was believed to have extended off site to the north. Permission to conduct groundwater sampling on the adjoining commercial property immediately north of Payne Avenue was denied.

Because of the TPH concentrations encountered in the soil beneath the former waste oil tank, it was clear that there would be no means of obtaining NFA status without conducting physical remediation. Therefore, the Client elected to re-sample the site utilizing the provisions of the new Rule 13, that became effective March 31, 1999.

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2.1 HISTORY OF DATA COLLECTION PROGRAM (continued)
Six samples were obtained from the soils in the former tank cavities and from beneath the east pump island area on April 22, 1999. Concurrently, five additional boreholes (B-20 to B-24) were advanced on the northern portion of the site, and 2 samples were obtained from each borehole in order to properly define the vertical extent of the soil contamination.

A final round of soil sampling was conducted on August 31, 1999. This sampling event consisted of three shallow boreholes (B-30 to B-32) on the northern portion of the site in which soil was sampled at depths of 1'-3'.

A copy of the Current Site Plan identifying all sampling locations is included as Figure 3 on the following page.

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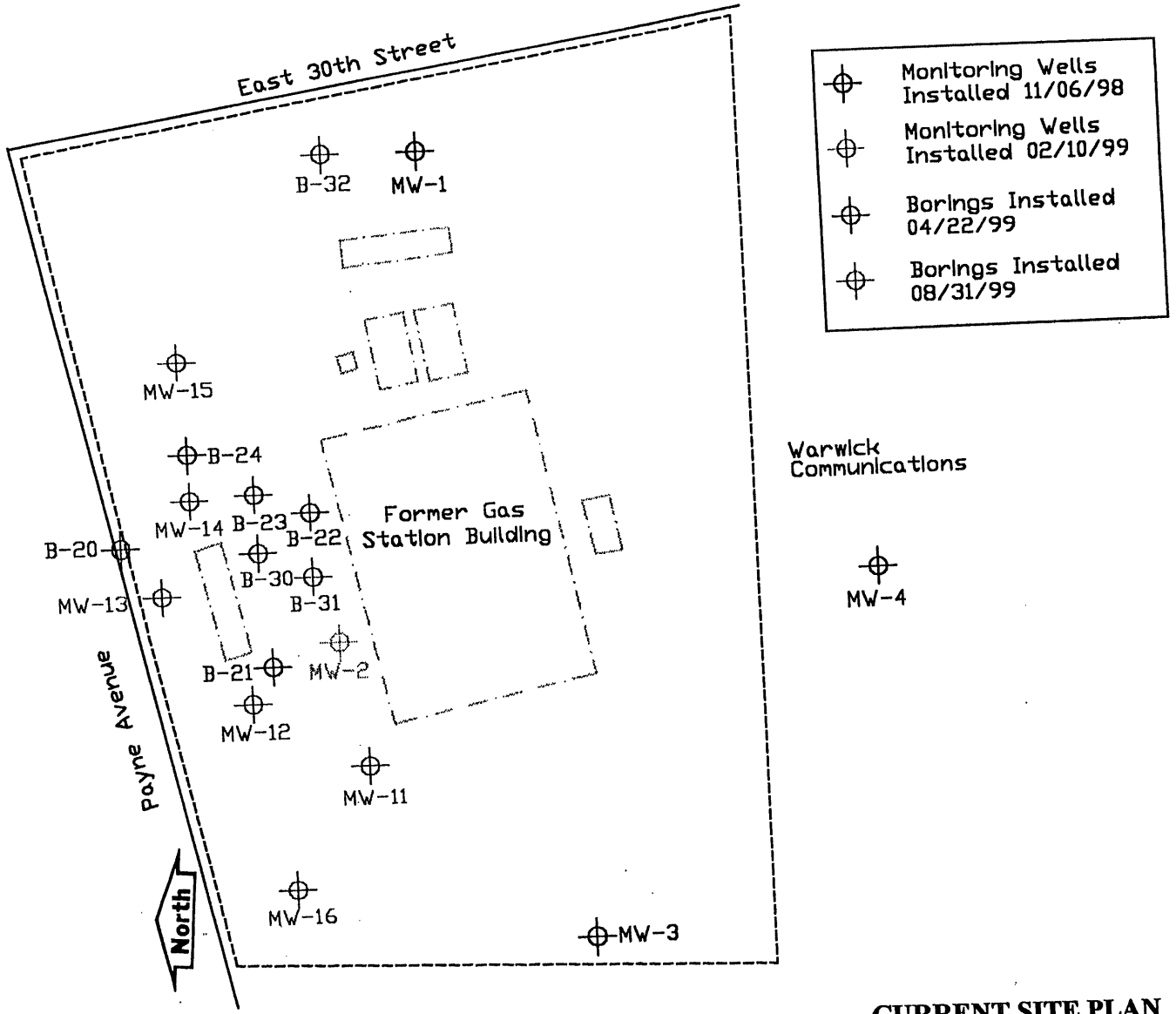

ENVIRONMENTAL CONSULTING GROUP, INC
25550 Chagrin Blvd., Suite 405
Beachwood, Ohio 44122

CURRENT SITE PLAN
(Dashed and gray objects have been removed from the site.)
G.R. Klein Fuel Depot
2950 Payne Avenue Cleveland, Cuyahoga County, Ohio
11/15//99 1" = 30' +/- SLL

2.2 DATA QUALITY OBJECTIVES

The focus of the sampling on this site changed as the site conceptual model and the regulations were revised; however, the data quality objectives remained the same for all sampling events:

- To ensure that the number of samples obtained are sufficient to meet regulatory and/or risk assessment requirements.
- To ensure that all samples are analyzed for the appropriate chemicals of concern.
- To ensure that the samples are representative of true conditions on the site.
- To ensure that the samples are not cross-contaminated on-site or in transit.
- To ensure that the laboratory's lower detection limits are sufficient to identify the lowest regulated concentration of each chemical of concern.
- To ensure that the laboratory quality control protocols are adequate to provide consistent and accurate results.
- To ensure that all samples are analyzed as soon as practical so that applicable holding times will not be exceeded.
- To ensure that laboratory results are not inconsistent with on-site observations or conditions.

In order to attain these objectives, the following sampling protocols were implemented for each sampling event:

- All samples were obtained by trained and experienced individuals.
- All sampling equipment was cleaned with a non-phosphate detergent and rinsed with tap water and then de-ionized water before each sampling event.

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2.2 DATA QUALITY OBJECTIVES (continued)

- Only packaged and new disposable bailers were utilized for purging and bailing wells and for obtaining groundwater samples.
- Only new Teflon™ lidded glass jars provided by the laboratory were utilized for obtaining potential laboratory soil samples.
- Only laboratory supplied new bottles and vials were utilized for groundwater samples. For samples requiring fixation, the fixation chemicals were placed in the vials by the laboratory.
- All sample containers were identified with unique numbers and letters corresponding with the sample locations and depths.
- Duplicate soil samples to be used for field screening purposes were placed in zip-locked plastic bags and identified with the same designation numbers as the corresponding potential laboratory samples.
- Duplicate groundwater samples were obtained for verifying laboratory reporting consistency.
- Cross contamination was minimized by utilizing new latex gloves for collecting and packaging each sample.
- All soil and water samples were placed on ice immediately after acquisition, and remained in sealed ice chests or under mechanical refrigeration until picked up by the laboratory.
- Field screening of the soil samples was conducted by an experienced operator utilizing a PID calibrated as per the manufacturer's instructions before each field screening event.
- All monitoring wells were installed as per ASTM Standards and were properly developed to allow the entry of groundwater.
- A minimum of 3 well-volumes were bailed prior to sampling.
- Chain of Custody protocols were strictly adhered to.

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2.2 DATA QUALITY OBJECTIVES (continued)

- All samples were analyzed by VAP-certified laboratories.
- All sample results were reviewed for consistency by a VAP-Certified Professional.

2.3 QUANTITY & QUALITY OF SAMPLES

All Soil and Groundwater samples utilized for this project were obtained and analyzed as per the Data Quality Objectives described above.

Tank Closure: (September, 1998)
During the 1998 Closure of the 3 USTs, soil samples were obtained from the bottoms of the tank cavities, beneath each end of each tank, and from beneath dispenser pumps on the pump island. A total of eight soil samples were acquired. No groundwater was encountered; therefore, no water samples were obtained. The backfill material in each of the tank cavities was pea gravel; therefore, no stockpile samples were obtained. The sampling conformed to the number and types of samples required by the BUSTR Rules in effect at the time. After field screening, one sample from the soil beneath each dispenser pump, and one sample from the soil beneath each tank were submitted for laboratory analysis. A total of 5 soil samples were submitted to the laboratory.

A Site Plan developed for the Closure Report is included in APPENDIX 3. Also included in APPENDIX 3 are Site Plan Drawings of the former Sohio Gas Station and the Former G.R. Klein News Company Fuel Depot.

Initial Site Assessment: (November, 1998)
The BUSTR required Site Assessment consisted of 4 boreholes placed at prime compass directions around the former waste oil tank cavity. Continuous split spoon sampling was conducted in each borehole. Because groundwater was encountered at approximately 11 feet, all boreholes were converted to monitoring wells. The soil sample with the highest field screen reading from each borehole and a water sample from each monitoring well were submitted to the laboratory for analysis of Volatile Organic Compounds. In addition the soil samples were analyzed for TPH (418.1) as required by BUSTR regulations in effect at the time.

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2.3 QUANTITY & QUALITY OF SAMPLES (continued)

Initial Site Assessment: (continued)
A Site Plan identifying all sampling locations for the Initial Site Assessment is included in APPENDIX 4.

Follow-up Site Assessment: (February, 1999)
The follow-up assessment required by BUSTR focused on the northern portion of the site, in the areas that would encompass the former Sohio gasoline pump island and its piping systems. Six additional boreholes were advanced, and each was converted to a monitoring well. As with the Initial Site Assessment, the soil sample with the highest field screen reading from each borehole and a water sample from each monitoring well were submitted to the laboratory along with a duplicate water sample "MW-17". All samples were submitted for analysis of Volatile Organic Compounds. In addition, the soil samples were analyzed for TPH (418.1) as required by the BUSTR regulations in effect at the time.

A Site Plan identifying all sampling locations for the Follow-Up Site Assessment is included in APPENDIX 5.

BUSTR Rule Change Sampling: (April, 1999)
On March 31, 1999, the BUSTR Site Assessment Rule, O.A.C. 1301:7-9-13 was revised. Because there was no means of obtaining an NFA under the old BUSTR rules without conducting physical remediation, the Client elected to re-sample the site as per the provisions of the new "Rule 13".

On April 22, 1999, a total of six samples were obtained from the soils below the former tank cavities and beneath the east dispenser pumps. The six sampling locations approximated those selected during the 1998 tank closure. This re-sampling was conducted to determine if MTBE or PAH was present in the soils beneath the former tanks or dispenser pumps.

Concurrently, five additional boreholes were advanced on the northern portion of the site in order to better define the vertical and horizontal extent of the soil contamination.

After field screening, one sample from beneath the former waste oil tank, one sample from beneath the former diesel tank, and one sample from beneath the former diesel dispenser pump were selected for laboratory analysis.

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2.3 QUANTITY & QUALITY OF SAMPLES (continued)

BUSTR Rule Change Sampling: (continued)
In addition, two soil samples were selected for analysis from each borehole as required by the new "Rule 13". Because the chemicals in the groundwater had already been defined, no additional monitoring wells were installed at this time.

A Site Plan identifying all test locations for the Rule Change Sampling is included in APPENDIX 6.

Shallow Soil Sampling: (August, 1999)
A final round of shallow (1'-3') soil sampling was conducted on August 31, 1999. This sampling was conducted to identify chemicals of concern in the near-surface soils for purposes of evaluating completed pathways and conducting risk assessments.

A Site Plan identifying all sampling locations for the Shallow Soil Sampling is included in APPENDIX 7.

2.4 CHEMICALS OF CONCERN

For purposes of this report the Chemicals of Concern are those chemicals or compounds that could be attributed to releases from the former underground storage tank systems that were removed from the Subject Property in 1988 and 1998.

The UST systems removed from the site previously stored Gasoline, Diesel Fuel, and Waste Oil; therefore, all of the chemicals of concern identified in the revised BUSTR regulations effective March 31, 1999, must be addressed.

Because high concentrations of 1,2,4- and 1,3,5-Trimethylbenzene were identified on the site, these compounds were also included as Chemicals of Concern in all risk assessment calculations. Although these chemicals do not have BUSTR Tier-1 Action Levels assigned to them, they were included to provide a full range of chemicals for the multiple chemical adjustment required by the risk assessment software.

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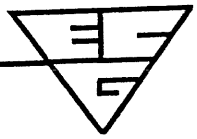

2.4 CHEMICALS OF CONCERN (continued)

Following is a complete list of the Chemicals of Concern for this site:

BUSTR REQUIRED VOC
Benzene
Toluene
Ethyl-Benzene
Total Xlyenes
Carbon Tetrachloride
1,2 Dichloroethane
1,1, Dichloroethene
Tetrachloroethene (PERC)
1,1,1, Trichloroethane
Trichloroethene (TCE)
Vinyl Chloride
1,2,4- Trimethylbenzene (not required by BUSTR)
1,3,5- Trimethylbenzene (not required by BUSTR)

ADDITIVE
Methyl Tertiary Butyl Ether (MTBE)

PAH
Benzo (a) Anthracene
Benzo (a) Pyrene
Benzo (b) Fluoranthene
Benzo (k) Fluoranthene
Chrysene
Dibenz (a,h) Anthracene
Indeno (1,2,3-cd) Pyrene
Napthalene

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3.0 SITE CONCEPTUAL MODEL

3.1 GEOLOGIC AND HYDROGEOLOGIC CHARACTERISTICS

The Subject Property is situated over a buried river valley and the mean elevation of the site is approximately 640 ft. MSL. The near-surface soils in the vicinity of the Subject Property are described as glacially deposited sand and gravel with interbedded silts and clays, which were deposited along terraces of the Cuyahoga River Valley. The soils were tested and found to be a POORLY GRADED SAND with a content of 95.8% SAND, 2.8% SILT/CLAY, and 1.4% GRAVEL. The typical grain size was found to range between 0.15 mm and 1.05 mm; and the Average Hydraulic Conductivity (k) was found to be 1.27×10^{-2} cm/second. A copy of this analysis is included in APPENDIX 8.

According to the ODNR Preliminary Bedrock Map of Cuyahoga County, (Vormelker, 1981) bedrock in the vicinity of the Subject Property should be encountered at a depth of approximately 445 feet. The bedrock in Cuyahoga County consists predominately of Paleozoic shales and sandstones which include the Ohio Shale, the Bedford Shale, the Berea Sandstone, the Cuyahoga Formation, and the Sharon Conglomerate.

The regional topography slopes gradually towards Lake Erie, approximately 1 mile to the northwest. Groundwater was encountered at a depth of approximately 11 feet below the ground surface in all boreholes, and the groundwater flow was determined to be in a northerly direction, with a hydraulic gradient of 4 feet per 100 feet. A copy of the Groundwater Gradient Map is included in APPENDIX 9.

In 1979, a water line running beneath Payne Avenue burst and washed away a large portion of the northeast corner of the site, exposing and disabling the north pump island. This event altered the natural geologic and hydrogeologic properties of the site and significantly distorted the natural hydraulic gradient across the northern portion of the site.

3.2 FINDINGS OF THE 1998 TANK CLOSURE

Copies of the Laboratory Report(s), the Chain(s) of Custody and the Sample Location Plan for this sampling event are included in APPENDIX 10.

Because a No Further Action Letter had been issued by BUSTR after the 1988 removal of the Sohio, there was no reason to believe that petroleum contamination would be encountered on the northern portion of the site.

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3.2 FINDINGS OF THE 1998 TANK CLOSURE: (continued)
The current (1998) tank removal project found that the concentrations of contaminants in the gasoline-diesel tank cavity and beneath the adjacent pump island were below regulated levels for TPH, PAH and VOC; therefore, there was no reason to believe that the eastern portion of the site had been impacted by releases from the newer tank systems.

The soil sample obtained from the former waste oil tank cavity had high levels of TPH (418.1) but less than any regulated concentrations of VOCs. Because TPH 418.1 is only an indicator of carbon-hydrogen bonds, and not a measure of specific petroleum contaminants, and because there were only minor and unregulated concentrations of VOCs in the soil, and because groundwater was not encountered in the tank cavities, ***E.C.G.I.*** concluded that the site had not been adversely impacted by releases from the waste oil tank and recommended that the site be granted NFA status.

The recommendation was not accepted by BUSTR due to the high TPH concentrations, and BUSTR directed the Client to perform a Site Assessment.

3.3 FINDINGS OF THE INITIAL SITE ASSESSMENT
Copies of the Laboratory Report(s), the Chain(s) of Custody and the Sample Location Plan for this sampling event are included in APPENDIX 11.

SOIL FINDINGS: The November, 1998 Site Assessment determined that the soil on the Subject Property east, south, and west of the waste oil tank had not been impacted by petroleum releases; however, the soil at B-2 (10'-12') immediately north of the gas station building had concentrations of Ethylbenzene and Xylenes in excess of those permitted for Category-2 sites. Due to elevated laboratory detection limits, Benzene and Toluene were also presumed to be present in B-2 at concentrations in excess of those permitted for Category-2 sites. Finally, although not regulated by BUSTR, high concentrations of 1,2,4- and 1,3,5-Trimethylbenzene were detected in this sample.

GROUNDWATER FINDINGS: Trichloroethylene (TCE) was detected in 3 of the 4 monitoring wells at concentrations exceeding the MCL for drinking water. Due to elevated laboratory detection limits, it is also presumed that TCE and Vinyl Chloride at MW-2 and Vinyl Chloride at MW-1 exceeded the drinking water MCLs.

Because of elevated laboratory detection limits, Benzene is also presumed to exceed the drinking water MCL at both MW-2 and at MW-1.

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3.3 FINDINGS OF THE INITIAL SITE ASSESSMENT (continued)
Copies of the Boring Logs and the Monitoring Well Diagrams for this sampling event are included in APPENDIX 12.

3.4 CONCLUSIONS BASED ON THE INITIAL SITE ASSESSMENT:
Because the chemicals, and the concentrations of those chemicals, detected in the soil north of the building (B-2 @ 10'-12') were so significantly different from those encountered in the waste oil tank cavity (south of the building), ***E.C.G.I.*** concluded that the source of the petroleum contamination on the northern portion of the site was the former Sohio north pump island and/or its product supply lines.

The highest concentration of TCE in the groundwater was detected on the far east side of the property (MW-1), which is slightly up-gradient form the waste oil tank cavity. Because TCE was not detected in the soils at the bottoms of the waste oil cavity or the east tank cavity, and because concentrations of TCE decreased significantly at the other 3 wells, ***E.C.G.I.*** concluded that the TCE in the groundwater did not originate at the waste oil tank cavity, but at one or more off-site sources. It is also possible that TCE, a DNAPL, ay have been deposited on the site at the time of the water main break.

Because of elevated laboratory detection limits Benzene must be presumed to be present in the groundwater at MW-2 and at MW-1. However, since B-1 is east of the east tank cavity (near East 30th Street), and since no benzene was encountered in the east tank cavity, ***E.C.G.I.*** concluded that it is unlikely that Benzene is actually present at MW-1.

3.5 THE INITIAL SITE CONCEPTUAL MODEL
Based on the findings of the Initial Site Assessment and the conclusions drawn from the laboratory findings, ***E.C.G.I.*** developed the following Site Conceptual Model:

> Other than the TPH (418.1) encountered in the Waste Oil cavity, the soils and groundwater on the eastern, southern, and western portions of the site have not been impacted by petroleum product releases.
>
> TCE, a solvent, and its degredation products (cis 1,2-DCE and Vinyl Chloride) is present in the groundwater on the eastern, southern, and western portions of the site, but these chemicals are believed to have originated at one or more off-site sources.

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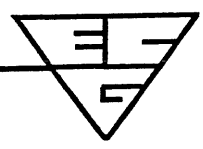

3.5 THE INITIAL SITE CONCEPTUAL MODEL (continued)

The soils and the groundwater on the northern portions of the subject property are believed to have been impacted by petroleum releases at the former Sohio north pump island and/or at its product supply lines.

The contaminated groundwater is likely to have migrated onto the adjoining properties to the northwest.

3.6 THE FOLLOW-UP SITE ASSESSMENT

Copies of the Laboratory Report(s), the Chain(s) of Custody and the Sample Location Plan for this sampling event are included in APPENDIX 13.

RATIONALE: The BUSTR ordered Follow-Up Site Assessment was designed to define the lateral and vertical extent of the petroleum contamination on the northern portion of the site and to confirm the source or sources of the contamination.

The former Sohio north pump island was located on the northern portion of the property approximately 20 feet north of the old gas station building, and parallel to Payne Avenue. Following is a discussion of the rationale for selecting the sampling locations for this assessment.

Borehole B-11 (MW-11) was located approximately 30 feet west of B-2 near the northwest corner of the building. This borehole was placed in anticipation of detecting the southwesterly extent of the contamination plume.

Borehole B-12 (MW-12) was placed north of B-11 and west of the former pump island to identify the northwesterly extent of the contamination plume.

Borehole B-13 (MW-13) was placed near the northern property line, and directly north of the former pump island to determine if the plume of contamination had migrated off site.

Borehole B-14 (MW-14) was placed east of the former pump island to determine the easterly extent of the contamination plume.

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3.6 THE FOLLOW-UP SITE ASSESSMENT (continued)

Borehole B-15 (MW-15) was placed approximately 26 feet east of B-14 in order to confirm that there was no residual contamination from the initial (1988) tank removal project on the northeastern portion of the site.

Borehole B-16 (MW-16) was placed between and west of B-11 and B-12 in order to confirm that the plume of contamination had not extended to the northwestern portion of the site.

SOIL FINDINGS: Boreholes B-11, B-12, and B-16 (all west of the north pump island and of B-2), and borehole B-15 (east of the pump island and north of the east tank cavity) were all found to have NON-DETECTABLE VOCs (<0.005 mg/kg).

Boreholes B-13 and B-14 were located in the immediate vicinity of the former north pump island.

The shallow soil samples (2'-4') from both of these boreholes were found to have NON-DETECTABLE VOCs (<0.005 mg/kg).

The deep soil samples (10'-12') from both of these boreholes were found to have elevated laboratory detection limits due to the presence of a wide range of volatile compounds. Based on the elevated detection limits Benzene was presumed to be present in the soil in both of these boreholes at a concentration of 0.625 mg/kg vs. a permitted limit of 0.170 mg/kg for Category-2 sites. No other VOCs exceeded the BUSTR Category-2 action levels.

GROUNDWATER FINDINGS: Monitoring wells MW-11, MW-12, and MW-16 (all west of the north pump island and of B-2), and monitoring well MW-15 (east of the pump island and north of the east tank cavity) were all found to have NON-DETECTABLE BTEX and NAPTHALENE (<0.005 mg/kg).

TCE was detected in MW-15 (0.051 mg/l), and Vinyl Chloride was detected in MW-11 and MW-15 (0.0024 mg/l) at concentrations only slightly above the drinking water MCL.

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3.6 THE FOLLOW-UP SITE ASSESSMENT (continued)

Monitoring wells MW-13 and MW-14 were located in the immediate vicinity of the former north pump island.

> Concentrations of Ethylbenzene and Napthalene exceeded the drinking water MCLs, and high concentrations of 1,2,4- and 1,3,5- Trimethylbenzene were detected in the groundwater.
>
> In addition, because of the elevated laboratory detection limits, Benzene, Toluene, TCE, cis 1,2-DCE and PERC, Vinyl Chloride are presumed to be present in the groundwater at concentrations exceeding the drinking water MCLs.

Copies of the Boring Logs and the Monitoring Well Diagrams for this sampling event are included in APPENDIX 14.

3.7 REVISIONS TO THE SITE CONCEPTUAL MODEL
Based on the findings of the Follow-Up Site Assessment and the conclusions drawn from the laboratory findings, ***E.C.G.I.*** revised its original Site Conceptual Model:

NORTHERN PORTION: The soils at a depth of 10'-12' in a triangular-shaped area extending from the north elevation of the former building to the north property line (encompassing B-2, B-13, and B-14) are presumed to have concentrations of Benzene exceeding those permitted for Category-2 sites.

The soils at a depth of 10'-12' in the area immediately surrounding B-2 are presumed to have concentrations of TPH and Toluene exceeding those permitted for Category-2 sites.

The soils samples obtained from 2'-4' and 4'-6' had no concentrations of petroleum contaminants or VOCs exceeding those permitted for Category-2 sites.

Concentrations of Ethylbenzene and Napthalene exceeding the drinking water MCLs are present in the groundwater in the area of the north pump island (MW-13 and MW-14).

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3.7 REVISIONS TO THE SITE CONCEPTUAL MODEL (continued)
Concentrations of Benzene are presumed to be present in the groundwater in the area extending from the north wall of the former building (MW-2) to the north pump island (MW-13 and MW-14).

Concentrations of Toluene are presumed to be present in the groundwater near the former building (MW-2).

Based on the flow of groundwater and the proximity of B-13 and B-14 to the north property line, ***E.C.G.I.*** concludes that the presumed contaminated groundwater has migrated off the Subject Property.

SOUTHERN PORTION: The soils at the floor of the waste oil tank cavity (WO-W @ 10') have confirmed concentrations of TPH in excess of those permitted for Category-2 sites.

The soils at B-4 (12-14'), up-gradient from the waste oil tank cavity, had only traces of Ethylbenzene, Xylenes, and TCE.

Groundwater at MW-4 had no detectable petroleum contaminants (<0.005 mg/l), but TCE was found to be present at a concentration exceeding the drinking water MCL.

EASTERN PORTION
There are no concentrations of petroleum contaminants in the soils on the eastern portion of the site exceeding those permitted for Category-2 sites.

Groundwater on the eastern portion of the site (MW-1 and MW-15) had confirmed concentrations of TCE in excess of the drinking water MCLs, with the highest concentrations located at MW-1.

Confirmed concentrations of Vinyl Chloride in excess of the drinking water MCLs, were detected at MW-15 and are presumed to be present at MW-1. The detection of chemical solvent contaminants at MW-15 confirms ***E.C.G.I.***'s previous conclusion that the solvents originated at an off-site source.

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3.7 REVISIONS TO THE SITE CONCEPTUAL MODEL (continued)
Because of elevated laboratory detection limits, Benzene must be presumed to be present at MW-1; however, because no Benzene was detected in the soils at either B-1 or in the east tank cavity, it is unlikely that Benzene is actually present in the groundwater at this location.

WESTERN PORTION: There are no concentrations of petroleum contaminants in the soils on the western portion of the site (B-11, B-12, and B-16) exceeding those permitted for Category-2 sites.

Other than Vinyl Chloride that was detected in the groundwater at MW-11 at a concentration of 0.00244 mg/l, there are no petroleum or solvent contaminants detected on the western portion of the site.

3.8 RULE 13 SAMPLING
Copies of the Laboratory Report(s), the Chain(s) of Custody and the Sample Location Plan for this sampling event are included in APPENDIX 15.

BACKGROUND: Due to the confirmed or presumed presence of petroleum contaminants in the soil and groundwater exceeding the BUSTR Action Levels for Category-2 sites, the Client was unlikely to obtain a No Further Action Letter from BUSTR without undertaking a physical remediation program.

On March 31, 1999, BUSTR announced a revision to the O.A.C. Rule 1301:7-9-13, which established procedures for conducting Risk Based Corrective Action. Sites that had not yet received NFA status could be addressed under the new Rule 13 provided that all of the testing and analysis requirements for the new rule were met.

The Client elected to conduct additional testing on the site so as to comply with the requirements of the new Rule 13.

RATIONALE: A total of six samples were obtained from the soils at the bottoms of the former tank cavities and beneath the east dispenser pumps on April 22, 1999. The sampling was conducted at points that approximated the locations originally sampled during the 1998 tank closure activities. This re-sampling was conducted to determine if MTBE or PAH was present beneath the former diesel and waste oil tanks or beneath the former dispenser pumps.

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3.8 RULE 13 SAMPLING (continued)
Concurrently, five additional boreholes were advanced on the northern portion of the site in order to better define the lateral and vertical extent of the soil contamination previously identified.

B-20 was placed on the northernmost portion of the site, between B-13 and B-14 to determine if soil contamination extended to the property line.

B-21 was installed west of a line between B-2 and B-13 to ensure that the soil contamination plume did not extend further to the west.

B-22 was installed east of B-2, near the northeast corner of the building to confirm that contaminants were not present along the north wall of the building.

B-23 was installed east of a line between B-2 and B-14 to ensure that the soil contamination plume did not extend further to the east.

B-24 was installed between B-14 and B-15 to confirm that the soil contamination plume did not extend significantly beyond the former pump island in an easterly direction.

After field screening, one sample from beneath the former waste oil tank, one sample form beneath the former diesel tank, and one sample from beneath the former diesel dispenser pump were selected for laboratory analysis. In addition, two soil samples were selected for analysis from each borehole as required by the new "Rule 13". Because the chemicals in the groundwater had already been defined, no additional monitoring wells were installed at this time.

FINDINGS: Rule 13 allowed samples to be evaluated on Risk Based Action Levels rather than the arbitrary concentrations that were based on the Site Feature Scoring System used for the old Rule 13.

The re-sampling of the tank cavities and the dispenser pumps determined that MTBE was Not Detectable (<0.02 mg/kg) and that the additional 7 chlorinated hydrocarbons required for waste oil were all significantly below the Tier-1 Direct Contact Action Levels.

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3.8 RULE 13 SAMPLING (continued)
Due to the 10x dilution factor required to evaluate the soil sample from the waste oil tank cavity, the laboratory detection limit exceeded the Tier-1 Direct Contact Action Level for Benzo (a) Pyrene and Dibenz (a,h) anthracene. Therefore, these 2 chemicals of concern are presumed to be present at a depth of 10 feet.

The soil samples obtained at all depths in Boreholes B-20 to B-24 showed no evidence of MTBE, and that all BTEX components were far below Tier-1 Action Levels for direct contact.

Copies of the Boring Logs for this Sampling Event are included in APPENDIX 16.

3.9 SECOND REVISION TO THE SITE CONCEPTUAL MODEL
The only change required by the findings of the Rule 13 sampling involved the presumption of Benzo (a) Pyrene and Dibenz (a,h) anthracene at a depth of 10 feet in the waste oil cavity, south of the former building.

3.10 NEAR SURFACE SAMPLING
Copies of the Laboratory Report(s), the Chain(s) of Custody and the Sample Location Plan for this sampling event are included in APPENDIX 17.

In order to provide contaminant data on the soils from the surface to a depth of 2 feet, two additional soil samples (B-30 and B-31) were obtained within the defined area of the plume of contamination on the north side of the site. One additional sample (B-32) was obtained adjacent to B-1 on the east side of the property to detect any possible TCE in the near-surface soils.

All 3 samples were found to be Non Detectable (<0.005 mg/kg) for the full range of VOCs.

These findings required no modification of the Site Conceptual Model.

Copies of the Boring Logs for this Sampling Event are included in APPENDIX 18.

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4.0 SITE ASSESSMENT SUMMARY

4.1 SUMMARY OF SOIL FINDINGS

The samples from the **EASTERN PORTION** of the property, including B-1, the gasoline-diesel tank cavity and the adjacent pump island, were found to have less than regulated concentrations of VOCs, MTBE, PAH, and Chlorinated Compounds.

The floor of the waste oil cavity on the **SOUTHERN PORTION** of the property was found to have a high concentrations of TPH (418.1), but no VOC concentrations exceeding BUSTR regulated levels. Due to elevated laboratory detection limits, Benzo (a) Pyrene and Dibenz (a,h) Anthracene are presumed to be present at concentrations exceeding the BUSTR Tier-1 Direct Contact Action Levels.

The soil samples on the **WESTERN PORTION** of the property had no VOCs, MTBE, PAH, or Chlorinated Compounds at concentrations exceeding the BUSTR Tier-1 Direct Contact Action Levels.

The samples obtained from the **NORTHERN PORTION** of the property at depths of 10'-12' revealed potential petroleum contaminants, but no MTBE. Due to elevated laboratory detection limits, Benzene, Carbon Tetrachloride, 1,2- Dichloroethane, 1,1- Dichloroethene, and Vinyl Chloride are PRESUMED TO BE PRESENT in the soil at B-2 (10'-12') at concentrations exceeding the BUSTR Tier-1 Direct Contact Action Levels. All of the samples obtained from the surface to a depth of 8 feet had no VOCs, MTBE, PAH, or Chlorinated Compounds at concentrations exceeding BUSTR Tier-1 Direct Contact Action Levels.

Elevated concentrations of TPH (418.1) were detected in the waste oil cavity (south of the building) and at B-2, B-13, and B-14 (north of the building) during the "Initial" and "Follow-Up" Site Assessments. Because TPH is not a "Chemical of Concern" under the new Rule 13, it will not be further discussed or evaluated in this Report.

Table 1 on the following page identifies all of the Chemicals of Concern evaluated for Tier-1 Action Levels, the highest concentrations encountered on the site, and the locations at which the highest concentrations were detected. The shaded concentrations were determined to have exceeded the Tier-1 Action Levels for Direct Contact. 1,2,4- and 1,3,5-Trimethylbenzene, although not regulated by BUSTR, are included in the table to allow for any multiple chemical adjustment required for the risk assessment calculations.

The concentration contour drawings for chemicals in the soil exceeding the Tier-1 Action Levels are included in APPENDIX 19.

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TIER-2 EVALUATION REPORT

Former G.R. Klein Fuel Depot - 2950 Payne Ave - Cleveland, Ohio 44114
Incident #: 18815727-00
December 15, 1999

TABLE 1
All SOIL CONCENTRATIONS are reported in mg/Kg (ppm)

Chemical of Concern	Tier-1 Dir Contact	Highest Concentrat'n	Location Encountered
Benzene	8.2	<12.5	B-2 (10-12)
Toluene	520	<12.5	B-2 (10-12)
Ethyl-Benzene	230	64	B-2 (10-12)
Total Xlyenes	1,500	164	B-2 (10-12)
MTBE	130	<0.5	B-21 (10-12)
Benzo (a) Anthracene	5.5	<2.0	WO2W (10-12)
Benzo (a) Pyrene	0.55	<2.0	WO2W (10-12)
Benzo (b) Fluoranthene	5.5	<2.0	WO2W (10-12)
Benzo (k) Fluoranthene	55	<2.0	WO2W (10-12)
Chrysene	550	<2.0	WO2W (10-12)
Dibenz (a,h) Anthracene	0.55	<2.0	WO2W (10-12)
Indeno (1,2,3-cd) Pyrene	5.5	<2.0	WO2W (10-12)
Napthalene	1,800	79.7	B-2 (10-12)
Carbon Tetrachloride	1.8	<12.5	B-2 (10-12)
1,2 Dichloroethane	9.6	<12.5	B-2 (10-12)
1,1, Dichloroethene	1.5	<12.5	B-2 (10-12)
Tetrachloroethene (PERC)	94	<12.5	B-2 (10-12)
1,1,1, Trichloroethane	1,200	<12.5	B-2 (10-12)
Trichloroethene (TCE)	77	<12.5	B-2 (10-12)
Vinyl Chloride	0.58	<5.0	B-2 (10-12)
1,2,4- Trimethylbenzene	N/A	754	B-2 (10-12)
1,3,5- Trimethylbenzene	N/A	173	B-2 (10-12)

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4.2 SUMMARY OF GROUNDWATER FINDINGS

Ten Monitoring Wells were installed on the Subject Property. Groundwater was encountered at a depth of approximately 11 feet below the surface. All of the Monitoring Wells, except MW-2 remain on the site as of the date of this report. MW-2 was accidently destroyed by the contractor during the demolition of the building.

Trichloroethylene (TCE) WAS DETECTED IN THE GROUNDWATER at MW-1, MW-3, MW-4 and MW-15 at concentrations that exceeded the MCL for drinking water. TCE is also PRESUMED TO BE PRESENT in the groundwater (due to elevated laboratory detection limits) at MW-2, MW-13 and MW-14. Although this chemical (and its degredation products) are believed to have originated at off-site sources, it was included in all pathway evaluations and risk assessment calculations.

Ethyl-Benzene and Napthalene WERE DETECTED IN THE GROUNDWATER at MW-13 and MW-14 at concentrations that exceeded the MCLs for drinking water.

Benzene, Carbon Tetrachloride, 1,2 Dichloroethane, 1,1 Dichloroethene, Tetrachloroethene, 1,1,1-Trichloroethane, and Vinyl Chloride were PRESUMED TO BE PRESENT in the groundwater (due to elevated laboratory detection limits) at one or more locations on the site.

MTBE was not sampled (NS) in the groundwater because all soil samples were ND for MTBE (<0.5 mg/kg). At this concentration MTBE will not leach to groundwater as per the BUSTR Tier 1 Action Level Table.

Benzo (a) Pyrene and Dibenz (a,h,) Anthracene were not sampled (NS) in the groundwater because the laboratory detection limit for Method 8270 exceeds the MCL (0.0002 mg/L) and because there is no MCL for Dibenz (a,h,) Anthracene. Furthermore, no soil samples had concentrations of Benzo (a) Pyrene or Dibenz (a,h,) Anthracene exceeding 2.0 mg/kg. At this concentration neither chemical will leach to groundwater as per the BUSTR Tier 1 Action Level Table.

The following table identifies all of the Chemicals of Concern evaluated, the Tier-1 Action Levels for Drinking Water (MCL), and the highest concentrations encountered on the site. The shaded concentrations exceed Tier-1 Action Levels.

The concentration contour drawings for chemicals in the groundwater exceeding the Tier-1 Action Levels are included in APPENDIX 20.

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TIER-2 EVALUATION REPORT

Former G.R. Klein Fuel Depot - 2950 Payne Ave - Cleveland, Ohio 44114
Incident #: 18815727-00
December 15, 1999

TABLE 2

All GROUNDWATER CONCENTRATIONS are reported in mg/L (ppm).

Chemical of Concern	Tier-1 MCLs r Potable H_2O	Highest Concentrat'n	Location Encountered
Benzene	0.005	<0.25	MW-13
Toluene	1.0	<0.25	MW-13
Ethyl-Benzene	0.7	3.14	MW-13
Total Xlyenes	10.0	7.79	MW-13
MTBE	0.04	NS	NS
Benzo (a) Anthracene	N/A	N/A	N/A
Benzo (a) Pyrene	0.0002	NS	NS
Benzo (b) Fluoranthene	N/A	N/A	N/A
Benzo (k) Fluoranthene	N/A	N/A	N/A
Chrysene	N/A	N/A	N/A
Dibenz (a,h) Anthracene	N/A	N/A	N/A
Indeno (1,2,3-cd) Pyrene	N/A	N/A	N/A
Napthalene	0.57	1.08	MW-13
Carbon Tetrachloride	0.005	<0.25	MW-13
1,2 Dichloroethane	0.005	<0.25	MW-13
1,1, Dichloroethene	0.007	<0.25	MW-13
Tetrachloroethene (PERC)	0.005	<0.25	MW-13
1,1,1, Trichloroethane	0.2	<0.25	MW-13
Trichloroethene (TCE)	0.005	0.222	MW-1
Vinyl Chloride	0.002	<0.1	MW-13
1,2,4- Trimethylbenzene	0.012*	6.040	MW-14
1,3,5- Trimethylbenzene	0.012*	1.360	MW-14

*These Risk-Based Numbers provided by Roy Smith, US EPA - Region 3.

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4.3 EVALUATION OF TIER-1 APPLICABILITY

Based on the extensive sampling conducted on this site, it is clear that Chemicals of Concern in both the soil and the groundwater exceed the Tier-1 Action Levels.

A Tier-1 Evaluation Report, submitted on October 27, 1999, concluded that the chemicals on the site exceeded the Tier-1 Action Levels, and the site would have to be addressed under the Tier-2 provisions of OAC 1301:7-9-13.

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5.0 SITE CHARACTERIZATION

5.1 RECEPTORS AND CHARACTERISTICS

ECOLOGICAL RECEPTORS: The Subject Property is situated in an older, fully developed urban area, that has been occupied by residential, commercial, and industrial properties since prior to 1896. There are no bodies of surface water or animal habitats within ½ mile of the site, Based on the location of the property, there are NO ECOLOGICAL RECEPTORS at risk on or near the site.

ON-SITE HUMAN RECEPTORS: The Subject Property is approximately 0.4 acres in size and was a former gas station. There are NO CURRENT OCCUPANTS on the site, and there are no structures on the property. The site is currently vacant land that is utilized only for personal vehicle parking. Furthermore, a RESTRICTION IN THE DEED prohibits the construction of habitable structures and prohibits any residential usage. These restrictions ensure that there will be NO ON-SITE OCCUPANTS in the future.

Potentially "at risk" human receptors on the site will be construction and utility workers who may perform occasional work on the site, and passers-by.

OFF-SITE HUMAN RECEPTORS:
The groundwater beneath the site is known to contain concentrations of petroleum chemicals of concern exceeding the MCLs. Potable water is provided by the City of Cleveland, and is obtained from Lake Erie. City codes require that all habitable structures be connected to the public water supply.

According to the ODNR records, there are no water wells of any type within ½ mile of the Subject Property. Finally, the area in which the Subject Property is situated has been granted an Urban Setting Designation by the Ohio EPA, and no future wells will be permitted.

Based on these factors, there are NO CURRENT RESIDENT HUMAN RECEPTORS FOR INGESTION OF, or INTENTIONAL CONTACT WITH, GROUNDWATER, and there will be no resident populations at risk in the future.

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5.1 RECEPTORS AND CHARACTERISTICS: (continued)

There are FOUR POTENTIAL OFF-SITE RECEPTOR POPULATIONS:

(1) Some sewer lines in the area are located at or below the depth of the groundwater. It is possible that Sewer or Water Department Workers could encounter petroleum contaminated groundwater at off-site locations. This "Utility Worker Scenario" will be addressed in the Risk Assessment section of the Report.

(2) Future construction work may require that excavations be conducted at depths that will reach the groundwater. It is possible that Construction Workers could encounter petroleum contaminated groundwater at off-site locations. This Construction Worker Scenario is identical to the "Utility Worker Scenario", and will be addressed in the Risk Assessment section of the Report.

(3) It is possible that there will be vapor intrusion into down gradient buildings. This "Off-Site Indoor Air Intrusion Scenario" will be addressed in the Risk Assessment section of the Report.

(4) It is possible that temporal fluctuations in the depth of groundwater will cause basements to be flooded with contaminated groundwater.

5.2 FATE AND TRANSPORT MECHANISMS

CHEMICALS IN THE SOIL: The seven "shaded" chemicals of concern identified in Table 1 (page 25) are PRESUMED TO BE PRESENT on the site at concentrations that exceed the Tier 1 Direct Contact Action Levels. The presumption is necessitated because, due to dilution, the lower laboratory detection limits for these chemicals exceed the Tier-1 Action Levels at B-2 and WO2-W.

If these chemicals are actually present on the site, they can potentially bio-degrade (naturally attenuation), they can leach to the groundwater, or (in their vapor phase) they can migrate through the vadose zone to the surface.

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5.2 FATE AND TRANSPORT MECHANISMS: (continued)

CHEMICALS IN THE GROUNDWATER: Napthalene and Ethyl-Benzene were detected in the groundwater at MW-13 and MW-14 (near the former North Pump Island), at concentrations exceeding the Tier-1 drinking water MCLs.

Trichloroethylene was detected at MW-1, MW-3, MW-4, MW-14 and MW-15, at concentrations exceeding the Tier-1 drinking water MCLs

Vinyl Chloride was detected at MW-11 and MW-15 and possibly at MW-13, at concentrations exceeding the Tier-1 drinking water MCLs.

Six additional Chemicals of Concern identified in Table 2 (page 27) are PRESUMED TO BE PRESENT in the groundwater at concentrations that exceed the Tier 1 Drinking Water MCLs. The presumption is necessitated because, due to dilution, the lower laboratory detection limits for these chemicals exceed the Tier-1 Action Levels at MW-1, MW-2, MW-13 and MW-14.

The chemicals dissolved in the groundwater can flow down gradient with the groundwater; however, as the chemicals move downgradient their concentrations will generally decrease because of dispersion, diffusion, advection, and adsorption. In their vapor phase, the chemicals can migrate through the vadose zone to the surface.

5.3 CURRENT USE OF SITE
The Subject Property is currently vacant land in an older, fully developed urban area. It is being used for parking.

5.4 FUTURE USE OF SITE
The area in which the property is located is zoned for commercial and industrial use. The property will continue to be uninhabited because of deed restrictions placed on the property during the transfer of ownership in November, 1999.

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5.5 JUSTIFICATIONS FOR COMMERCIAL LAND USE

ZONING: Although there are some older single family residential properties in the area, the Subject Property and all of the surrounding properties are zoned for commercial and industrial uses by the City of Cleveland. The few homes remaining in this area are "grandfathered" under the zoning code. It is unlikely that the City would grant a variance for additional residential uses in this area.

DEED RESTRICTIONS: A RESTRICTION IN THE DEED recorded November 5, 1999, prohibits any residential use and prohibits the construction of habitable structures. These restrictions ensure that other than passers-by and construction or utility workers, there will be no on-site receptors in the future.

A copy of the deed in which the restrictions are stated is included in APPENDIX 21.

5.6 EVALUATION OF ON-SITE EXPOSURE PATHWAYS

Because there are no current occupants or residents on the Subject Property and because there will be no future occupants or residents on the Subject Property, the POTENTIAL "AT RISK" ON SITE POPULATIONS ARE CONSTRUCTION AND/OR UTILITY WORKERS AND PASSERS-BY.

PRESUMED SOIL CONTAMINATION was identified at a depth of 10'-12' beneath the former waste oil tank south of the former building (WO2-W) and at a depth of 10'-12' immediately north of the former building (B-2). All of the soil samples obtained from depths between the surface and 8 feet below the surface were found to have non-detectable VOC and MTBE components.

CONFIRMED AND PRESUMED Groundwater CONTAMINATION was identified at a depth of approximately 11 feet;

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5.6 EVALUATION OF ON-SITE EXPOSURE PATHWAYS (continued)
Because no petroleum contaminants were detected in the soil at depths down to 8 feet below the surface; because there is a deed restriction prohibiting the access or use of any groundwater, or excavating more than 5 feet below the surface; and because all utility conduits on the site are located at depths less than 4 feet, there are NO COMPLETE PATHWAYS for ingestion or direct contact of either soils or groundwater on the Subject Property.

Because the Subject Property is currently vacant land, and because the deed restriction prohibits the construction of any habitable structures or any residential use whatsoever, there is NO COMPLETE PATHWAY for the inhalation of indoor air.

The ONLY POTENTIALLY COMPLETE PATHWAYS that must be evaluated are the INHALATION OF OUTSIDE AIR at the surface (passers-by) and at a depth of 5 feet (construction/utility workers).

5.7 EVALUATION OF OFF-SITE PATHWAYS
Because there are no wells currently within ½ mile of the Subject Property and because the Area Wide USD will prevent the installation of wells in the future, there are NO INGESTION PATHWAYS and NO INTENTIONAL DIRECT CONTACT PATHWAYS FOR GROUNDWATER.

The INTRUSION OF VAPORS into down gradient buildings from chemicals in the groundwater is a potential pathway. The Tier-1 Action Level Table ("Groundwater to Indoor Air") indicates that Benzene at a concentration of less than 3.98 mg/L would not intrude into buildings. Because the concentration of benzene in the groundwater on the site is no more than 0.25 mg/L, it is unlikely that there would be VAPOR INTRUSION into buildings that are down gradient. Nevertheless, because of the multiple chemical adjustments required, the risk to human receptors via this potential pathway must be evaluated.

Some of the SEWER LINES near the Subject Property are located at or below the groundwater table (11 feet). The risk to sewer line workers from both DIRECT CONTACT with the groundwater and the INHALATION OF VAPORS originating in the groundwater must be evaluated. This evaluation of this pathway would also address construction workers who must excavate to the groundwater during their construction activities.

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5.7 EVALUATION OF OFF-SITE PATHWAYS (continued)
Because of the relatively high groundwater table, there is a potential risk of INADVERTENT EXPOSURE OF DOWN GRADIENT RESIDENTS by direct contact or inhalation due to the SEEPAGE OF GROUNDWATER INTO THE BASEMENTS. This pathway must be evaluated. The nearby down gradient commercial buildings do not have basements; therefore, there is no risk of inadvertent direct contact exposure to occupants.

5.8 JUSTIFICATION FOR INCOMPLETE PATHWAYS

SUBJECT PROPERTY: The Subject Property is currently a small parcel (less than 0.4 acres) of vacant land in an older, fully developed urban area, and there are NO RESIDENT HUMAN OR ECOLOGICAL RECEPTORS on the site. Existing DEED RESTRICTIONS will prevent future resident human receptors.

The chemicals of concern in the soil are located at depths of 10 feet or more below the surface. NO CHEMICALS OF CONCERN in excess of the Tier-1 Direct Contact Action Levels were identified at depths of 1'-8' below the surface. Furthermore, because NO UTILITY CONDUITS are located at depths greater than 4 feet and because an existing deed restriction prohibits excavation at depths greater than 5 feet, there are NO COMPLETE PATHWAYS for direct contact with soils.

Groundwater was encountered at a depth of approximately 11 feet. There are currently no water wells within ½ mile of the Subject Property, and the City of Cleveland requires that all buildings be connected to the public water supply. The area surrounding the site has been granted an Urban Setting Designation by the Ohio EPA; therefore, it is unlikely that any water wells will be installed in the future. In addition, the existing deed restriction prohibits the use of the groundwater beneath the Subject Property for any purpose. These factors ELIMINATE ALL PATHWAYS for the INGESTION or DERMAL CONTACT WITH GROUNDWATER on the site.

OFF-SITE PROPERTIES: It is presumed that groundwater will continue to be encountered at a depth of approximately 11 feet at downgradient properties. There are currently no water wells within ½ mile of the Subject Property, and the City of Cleveland requires that all buildings be connected to the public water supply.

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5.8 JUSTIFICATION FOR INCOMPLETE PATHWAYS (continued)
The area surrounding the site has been granted an Urban Setting Designation by the Ohio EPA; therefore, it is unlikely that any water wells will be installed in the future. In addition, the existing deed restriction prohibits the use of the groundwater beneath the Subject Property for any purpose. These factors ELIMINATE ALL PATHWAYS for the INGESTION or DERMAL CONTACT WITH GROUNDWATER on the site.

An examination of the residences north (down gradient) of the Subject Property revealed that all residential structures were constructed with their first floors raised approximately 3.5 feet above grade. This elevation causes the concrete floors of the basements to be no more than 8 feet below grade, and well above the temporal fluctuations of the groundwater. Based on this observation we conclude that there is NO COMPLETE PATHWAY FOR INADVERTENT EXPOSURE due to the seepage of contaminated water into residential basements. The downgradient buildings do not have basements.

The area surrounding the Subject Property was developed prior to 1896, and has been fully developed for most of the twentieth century. In addition, there are no bodies of surface water within ½ mile of the site. Based on these factors, we conclude that there are NO OFF-SITE ECOLOGICAL RECEPTORS to address.

5.9 ACTIVITIES TO DETERMINE DISTRIBUTION OF CHEMICALS
Sampling was conducted on the Subject Property on 5 separate occasions:

09/22/98	Soil Sampling - Required for Tank Closure.
11/06/98	Soil and Groundwater Sampling - Initial Site Assessment MW-1 to MW-4
02/10/99	Soil and Groundwater Sampling - Follow-up Site Assessment MW-11 to MW-16
04/22/99	Soil Sampling - Per New "Rule 13" Requirements B-20 to B-24
08/31/99	Soil Sampling - Near Surface Sampling B-30 to B-32

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5.9 ACTIVITIES TO DETERMINE DISTRIBUTION OF CHEMICALS (continued)

For all risk calculations undertaken for this report, the maximum confirmed or presumed concentration for each chemical of concern was assumed to be co-mingled at a single location directly beneath the point of exposure.

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6.0 TIER-2 EVALUATION

6.1 ON-SITE SOILS POINTS OF EXPOSURE

The Point of Exposure for direct contact with soil was established in the near surface soils (from the surface to a depth of 5 feet). This depth was determined because utility workers on the site might be accessing conduits at depths not exceeding 4 feet, and because the existing deed restriction prohibits excavation beyond a maximum depth of 5 feet.

The Point of Exposure for Inhalation of Outdoor Air (Worker Scenario) was established in an open excavation at a depth of 5 feet below the surface. This was a worst case scenario because it was nearest the contaminated soil and groundwater.

The Point of Exposure for Inhalation of Outdoor Air by passers-by was established at the surface.

6.2 OFF-SITE POINTS OF EXPOSURE

The nearest off-site Point of Exposure is the Asia Plaza, a commercial property on the north side of Payne Avenue, and directly down gradient from the Subject Property. This property occupies the entire block from east 27th to East 30th Street, and the commercial building is located approximately 45 meters north of the Subject Property.

Attempts were made to conduct drilling and sampling on the Asia Plaza property, but the Owners rejected our request. Copies of the Asia Plaza Communication is included in APPENDIX 22.

A risk assessment will be conducted to evaluate the risk of inhalation of indoor air, but no sampling will be possible to verify the results.

6.3 POINTS OF DEMONSTRATION

Because there are NO COMPLETE PATHWAYS for the ingestion of, or intentional contact with groundwater, there is no reason to establish points of demonstration that differ from the points of exposure.

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6.4 STATISTICAL DERIVATIONS

All of the data utilized for the models and evaluations performed were "worst case" concentrations as determined by laboratory analysis. No concentrations were statistically derived.

6.5 DESCRIPTION OF FATE AND TRANSPORT ANALYSIS

Fate and transport analysis was conducted using the RISC (Risk Integrated Software for Clean-ups) program developed by Lynn R. Spence and BP Oil Co.

This software has been peer reviewed, is fully documented, and is commercially available.

Unless otherwise noted in this report, all of the conservative input parameters provided by the RISC software were utilized unchanged for all risk calculations.

6.6 DESCRIPTION & JUSTIFICATION FOR SSTL

No Site Specific Target Levels were utilized. Only worst case concentrations as determined by laboratory analysis were utilized.

6.7 DESCRIPTION & JUSTIFICATION FOR LAND USE RESTRICTIONS

After determining that chemicals in the soils and groundwater on the Subject Property presented an unacceptable risk to human health, the Client elected to limit and restrict the use of the property so that there will be NO COMPLETE PATHWAYS between the chemical sources and occupants or workers on the property. A DEED incorporating USE RESTRICTIONS was recorded in the Cuyahauga County land records on November 5, 1999.

This deed prohibits accessing and using the groundwater for any purposes, prohibits the construction of habitable structures, prohibits the disturbance of soils at depths greater than five (5) feet, and prohibits any residential use of the property. These restrictions ensure that other than passers-by and construction or utility workers, there will be no on-site receptors in the future.

A copy of the deed in which the restrictions are stated is included in APPENDIX 21.

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7.0 ON-SITE RISK ASSESSMENTS

7.1 ON-SITE GROUNDWATER TO INDOOR AIR AND OUTDOOR AIR

Prior to establishing the Deed Restriction, risk assessments were conducted to determine if there was a significant risk to any potential on-site occupant/resident populations due to the effects of inhalation of chemical vapors originating in the **GROUNDWATER** on the property. Both **INDOOR AIR AND OUTDOOR AIR** assessments were conducted.

The highest identified or presumed concentrations of chemicals in the groundwater were utilized, and all chemicals of concern were evaluated by the Risk Integrated Software for Clean-ups (RISC). All chemicals were presumed to be co-mingled in the groundwater, at a single point 11 feet beneath a hypothetical commercial building on the site.

The CARCINOGENIC RISK due to the INHALATION OF INDOOR AIR was determined to be 1.2E-05, or slightly greater than the risk that is generally deemed to be acceptable for commercial occupants (1.0E-05).

The CARCINOGENIC RISK due to the INHALATION OF OUTDOOR AIR was determined to be 1.1E-08, or significantly lower than the risk that is generally deemed to be acceptable for commercial occupants (1.0E-05).

The NON-CARCINOGENIC RISKS were lower than the Hazard Quotient of 1.0 that is generally deemed to be acceptable for occupants.

The Documentation for the Risk Assessment for Groundwater to Indoor and Outdoor Air is included in APPENDIX 23.

7.2 ON-SITE SOILS TO INDOOR AIR AND OUTDOOR AIR

Prior to establishing the Deed Restriction, risk assessments were conducted to determine if there was a significant risk to any potential on-site occupant/resident populations due to the effects of inhalation of chemical vapors originating in the **SOIL** on the property. Both **INDOOR AIR AND OUTDOOR AIR** assessments were conducted.

The highest identified or presumed concentrations of chemicals in the soil were utilized, and all chemicals of concern were evaluated by the Risk Integrated Software for Clean-ups (RISC).

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7.2 ON-SITE SOILS TO INDOOR AIR AND OUTDOOR AIR (continued)
All chemicals were presumed to be co-mingled in the soil, at a single point 10 feet beneath a hypothetical commercial building on the site.

The CARCINOGENIC RISK due to the INHALATION OF INDOOR AIR was determined to be 1.1E-02, or significantly greater than the risk that is generally deemed to be acceptable for commercial OCCUPANTS (1.0E-05).

The CARCINOGENIC RISK due to the INHALATION OF OUTDOOR AIR was determined to be 5.1E-07, or lower than the risk that is generally deemed to be acceptable for occupants (1.0E-05).

The NON-CARCINOGENIC RISK from the inhalation of indoor air was determined to have a Hazard Quotient of 51, which is significantly greater than the Hazard Quotient of 1.0 that is generally deemed to be acceptable for commercial occupants.

The NON-CARCINOGENIC RISK from the inhalation of outdoor air was determined to be lower than the Hazard Quotient of 1.0 that is generally deemed to be acceptable for commercial occupants.

The Documentation for the Risk Assessment of Soil to Indoor and Outdoor Air is included in APPENDIX 24.

7.3 INGESTION AND DERMAL CONTACT - ON-SITE SOILS
All chemicals were presumed to be co-mingled in the soil, at a single point 10 feet beneath the surface on the site.

The CARCINOGENIC RISK due to the INGESTION OF SOIL was determined to be 2.9E-05, or greater than the risk that is generally deemed to be acceptable for non-residential use of the property (1.0E-05).

The CARCINOGENIC RISK due to the DERMAL CONTACT WITH SOIL was determined to be 3.9E-04, or significantly greater than the risk that is generally deemed to be acceptable for non-residential use of the property (1.0E-05).

The NON-CARCINOGENIC RISK for both dermal contact and ingestion were determined to be greater than the Hazard Quotient of 1.0 that is generally deemed to be acceptable.

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7.3 INGESTION AND DERMAL CONTACT - ON-SITE SOILS (continued)
The Documentation for the Risk Assessment for Ingestion and Dermal Contact with Soil is included in APPENDIX 25.

7.4 INGESTION AND DERMAL CONTACT - ON-SITE GROUNDWATER
Because there are identified or presumed concentrations of chemicals in the groundwater that exceed the MCLs for drinking water, no additional risk assessment studies were conducted for these pathways.

7.5 INHALATION OF OUTDOOR AIR BY ON-SITE WORKERS - SOIL
Under this "Worker Scenario", construction or utility workers would be performing certain activities in open trenches or excavations at a depth of 5 feet below the surface. Therefore, all chemicals were presumed to be co-mingled in the soil, at a single point 5 feet beneath the work area.

The CARCINOGENIC RISK due to the INHALATION OF OUTDOOR AIR was determined to be 5.5E-07, or lower than the risk that is generally deemed to be acceptable for workers (1.0E-05).

The NON-CARCINOGENIC RISK from the inhalation of outdoor air was determined to be lower than the Hazard Quotient of 1.0 that is generally deemed to be acceptable for commercial occupants of the site.

The Documentation for the Risk Assessment of Soil to Outdoor Air under the Construction worker Scenario is included in APPENDIX 26.

7.6 INHALATION OF OUTDOOR AIR BY ON-SITE WORKERS - WATER
Under this "Worker Scenario", construction or utility workers would be performing certain activities in open trenches or excavations at a depth of 5 feet below the surface. Therefore, all chemicals were presumed to be co-mingled in the groundwater, at a single point 6 feet beneath the work area.

The CARCINOGENIC RISK due to the INHALATION OF OUTDOOR AIR was determined to be 4.7E-08, or lower than the risk that is generally deemed to be acceptable for workers (1.0E-05).

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7.6 INHALATION OF OUTDOOR AIR BY ON-SITE WORKERS - WATER (continued)
The NON-CARCINOGENIC RISK from the inhalation of outdoor air was determined to be lower than the Hazard Quotient of 1.0 that is generally deemed to be acceptable for commercial occupants of the site.

The Documentation for the Risk Assessment of Soil to Outdoor Air under the Construction worker Scenario is included in APPENDIX 27.

7.7 CONCLUSIONS REGARDING ON-SITE RISKS
The DIRECT CONTACT with CONTAMINATED SOIL at a depth of 10 feet below the surface creates an UNACCEPTABLE RISK to human health; therefore, contact with the soil must be prohibited by either INSTITUTIONAL OR PHYSICAL CONTROLS.

The INHALATION OF INDOOR AIR due to infiltration of vapors from the chemicals in the soil creates an UNACCEPTABLE RISK to human health; therefore, habitable STRUCTURES SHOULD NOT BE BUILT on the subject property and NO RESIDENTIAL USE should be permitted.

The INGESTION of, or DIRECT CONTACT with, the CONTAMINATED GROUNDWATER beneath the site creates an UNACCEPTABLE RISK to human health; therefore, ingestion or contact with the groundwater must be prohibited by either INSTITUTIONAL OR PHYSICAL CONTROLS.

The INHALATION OF OUTDOOR AIR due to infiltration of vapors from the chemicals in the soil and/or groundwater is an ACCEPTABLE RISK for commercial properties, and need not be further addressed; however, as a precaution NO RESIDENTIAL USE should be permitted.

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8.0 OFF-SITE RISK ASSESSMENTS

8.1 INHALATION OF INDOOR AND OUTDOOR AIR ON ADJOINING PROPERTY

Asia Plaza, a large commercial property on the north side of Payne Avenue between East 27th and East 30th Streets, is the adjoining property to the north and northwest. The nearest portion of the Asia Plaza building is located approximately 45 meters downgradient from the Subject Property.

This Risk Assessment had to be completed in 2 parts. First, the highest concentrations of chemicals migrating from the Subject Property to a point 45 meters directly downgradient had to be calculated over a 100 year period. The fate and transport models provided in the RISC software enabled us to determine the maximum concentrations. Then using these co-mingled chemical concentrations at a depth of 11 feet as the "source" for vapor intrusion, the risk assessment was run.

The CARCINOGENIC RISK due to the INHALATION OF INDOOR AIR was determined to be 4.6E-06, or less than the risk that is generally deemed to be acceptable for commercial occupants (1.0E-05).

The CARCINOGENIC RISK due to the INHALATION OF OUTDOOR AIR was determined to be 2.5E-08, or significantly lower than the risk that is generally deemed to be acceptable for commercial occupants (1.0E-05).

The NON-CARCINOGENIC RISKS were lower than the Hazard Quotient of 1.0 that is generally deemed to be acceptable for commercial occupants of the site.

The Documentation for the Risk Assessment for Off-Site Groundwater to Indoor and Outdoor Air, including the list of chemicals and their concentrations that were used for the "source" input, is included in APPENDIX 28.

8.2 DERMAL CONTACT AND INHALATION - WORKER SCENARIO

The dermal contact component of this "Utility Worker Scenario" risk assessment utilized the standard "shower scenario" modified by 3 conservative assumptions:

The SKIN SURFACE AREA was changed to 3,000 cm^2 which assumes bare arms and hands.

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8.2 DERMAL CONTACT AND INHALATION - WORKER SCENARIO (continued)

The DAILY TIME OF EXPOSURE was assumed to be 6 hours per day.

The number of EVENTS PER YEAR was assumed to be 2.

Using these assumptions, the CARCINOGENIC RISK due to the INHALATION OF OUTDOOR AIR was determined to be 9.0E-11, or significantly lower than the risk that is generally deemed to be acceptable for workers (1.0E-05)

The CARCINOGENIC RISK due to the DERMAL CONTACT WITH GROUNDWATER was determined to be 1.7E-07, or significantly lower than the risk that is generally deemed to be acceptable for workers (1.0E-05)

The NON-CARCINOGENIC RISK for both dermal contact and inhalation were significantly lower than the Hazard Quotient of 1.0 that is generally deemed to be acceptable.

The Documentation for the "Worker Scenario" Risk Assessment for Dermal Contact and Outdoor Air Inhalation is included in APPENDIX 29.

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9.0 TIER-2 OPTIONS

9.1 STATISTICALLY DERIVED CONCENTRATIONS

Maximum concentrations identified or presumed were utilized in all risk assessments.

No statistically derived concentrations were utilized for the Subject Property.

A Fate and Transport Model included with the RISC software was used to calculate the concentrations of chemicals in the groundwater at a downgradient location (Asia Plaza). This calculation would most likely have utilized peer reviewed statistical derivations with a 95% upper confidence limit.

9.2 SITE SPECIFIC TARGET LEVELS

No site specific target levels were developed for the Subject Property, and no remediation was conducted on the Subject Property.

9.3 APPLY ACTION LEVELS AND BACK CALCULATIONS

In order to determine the risk from indoor air inhalation at the Asia Place property a groundwater fate and transport model was run to determine the maximum concentrations of Chemicals of Concern within a 100 year time frame at a point 45 meters downgradient from the Subject Property.

The findings of this analysis provided the "source data" for vapor migration into the Asia Plaza Building. All of the maximum derived concentrations, regardless of the year at which they occurred, were presumed to be co-mingled beneath the point of compliance in the building.

9.4 TIER-2 DECISIONS

A DEED RESTRICTION was recorded in Cuyahoga County on Friday, November 5, 1999. The DEED RESTRICTION:

- Prohibits the use of groundwater for any purposes.
- Prohibits the use of the property for any residential purposes.
- Prohibits any excavation or use of the property below 5 feet.
- Prohibits the construction of any habitable structures.

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9.4 TIER-2 DECISIONS (continued)
These restrictions will reduce the risk to human health from contaminants in the soil and the groundwater to acceptable levels.

9.5 RECOMMENDATIONS
Based on the determination of risks associated with each of the potentially complete exposure pathways, *ENVIRONMENTAL CONSULTING GROUP, INC.* Recommends that this site be granted NO FURTHER ACTION status.

9.6 FUTURE MONITORING
No future monitoring is required on the Subject Property because the recorded deed restriction prevents physical or remote access to the contaminated soil and groundwater and prevents the construction of habitable structures.

No future monitoring will be possible at off-site locations because Asia Plaza refuses to permit sampling on their property.

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ENVIRONMENTAL CONSULTING GROUP, INC.

25550 Chagrin Blvd. • Suite 405 • Cleveland, Ohio 44122
(216) 464-5540 • FAX: (216) 464-5541

UNDERGROUND STORAGE TANK CLOSURE REPORT

Fuel Depot
George R. Klein News Company
2950 Payne Avenue
Cleveland, Ohio 44114

98 OCT 16 AM 9:45

Prepared for:

Mr. George R. Klein, Partner
KNC BUILDING COMPANY
24200 Chagrin Blvd - Suite 242
Beachwood, Ohio 44122

October 14, 1998
0345-0012

UST CLOSURE REPORT

Fuel Depot - George R. Klein News Company - 2950 Payne Avenue - Cleveland, Ohio 44114
October 14, 1998

INDEX

HEADINGS		PAGE
I.	REPORT DATE:	1
II.	SUBMITTED TO:	1
III.	OWNER OF UST SYSTEM:	1
IV.	OPERATOR OF UST SYSTEM:	1
V.	UST FACILITY LOCATION:	2
VI.	UST FACILITY OWNER:	2
VII.	UST SYSTEM DATA:	2
VIII.	BACKGROUND AND SCOPE:	2
IX.	SURROUNDING PROPERTIES:	3
X.	LOCATION OF TANKS ON PROPERTY:	4
XI.	NOTIFICATION AND PERMITS:	5
XII.	LOCAL FIRE DEPARTMENT:	5
XIII.	ON-SITE PERSONNEL:	5
XIV.	TANK REMOVAL CHRONOLOGY:	6
XV.	VISUAL OBSERVATIONS DURING TANK REMOVAL:	9
XVI.	SOIL SAMPLING PROCEDURES:	10
XVII.	SOIL SAMPLE SCREENING:	11
XVIII.	LABORATORY FINDINGS:	12
XIX.	SITE FEATURE SCORING SYSTEM	14
XX.	BACKFILLING:	14

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INDEX (Continued)

HEADINGS PAGE

XXI. DISPOSAL: 14

XXII. CONCLUSIONS & RECOMMENDATIONS: 15

APPENDIX A - SFM COMMUNICATION
Closure Report Checklist (Part I)
Site Feature Scoring System Chart (Part II)
Soil Disposal Checklists (Part III)
Closure Certification Statement (Part IV)
Notification and Application Documents
UST Permit
UST Registration

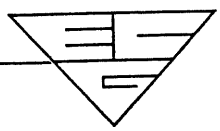
APPENDIX B - MAPS and DRAWINGS
Area Map
USGS Map
Site Plan

APPENDIX C - INSTALLER CERTIFICATIONS
Site Personnel Qualifications
Installer Certificate
Certificate of Liability Insurance
Certificate of Workers Compensation Insurance

APPENDIX D - LABORATORY DATA
Sample Location Drawings
Chain-of-Custody
Laboratory Reports

APPENDIX E - DISPOSAL DOCUMENTS
Tank System
Waste Oil
Gasoline and Diesel

APPENDIX F - SITE PHOTOGRAPHS



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UST CLOSURE REPORT

Fuel Depot - George R. Klein News Company - 2950 Payne Avenue - Cleveland, Ohio 44114
October 14, 1998

I. REPORT DATE:

October 14, 1998

II. SUBMITTED TO:

Inspector Terry Chambers
City of Cleveland- Fire Prevention Bureau
1645 Superior Avenue East
Cleveland, Ohio 44114

BUREAU OF UNDERGROUND STORAGE TANK REGULATIONS
Closure Review Unit
6606 Tussing Road - PO BOX 687
Reynoldsburg, Ohio 43068-9009

Mr. Allen Braighwaite
PETROLEUM UNDERGROUND STORAGE
TANK RELEASE COMPENSATION BOARD
Box 2040
Columbus, Ohio 43216

III. OWNER OF UST SYSTEM:

KNC Building Company
24200 Chagrin Boulevard #240
Beachwood, Ohio 44122
(216) 464-2950

IV. OPERATOR OF UST SYSTEM:

George R. Klein News Company
2950 Payne Avenue
Cleveland, Ohio 44114
(No phone)

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V. UST FACILITY LOCATION:

2950 Payne Avenue
Cleveland, Ohio 44114

Please see APPENDIX B for maps and drawings depicting the location of the subject property.

VI. UST FACILITY OWNER:

George R. Klein, Partner
KNC Building Company
24200 Chagrin Boulevard #240
Beachwood, Ohio 44122

VII. UST SYSTEM DATA:

TANK NUMB	DATE INST	SIZE (GAL)	MAT'L	CONTENTS	REMOVED
1	1988	8,000	F/G	GASOLINE	9/22/98
2	1988	8,000	F/G	DIESEL	9/22/98
3	UNKN	1,000	STEEL	WASTE OIL	9/22/98

USES OF TANK:
The 2 - 8,000 gallon fiberglass tanks were utilized for storing fuel for the Klein News truck fleet. The 1,000 gallon tank was used for storing waste oil from the service/repair garage on the site.

DATE LAST USED:
The tanks were utilized by GR Klein News Company until July, 1998.

VIII. BACKGROUND AND SCOPE:

The Subject Property was previously a Sohio Gas Station. The Sohio Gasoline UST's were removed in January 1988 and the site was granted "NFA" status by BUSTR.

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VIII. BACKGROUND AND SCOPE: (continued)

Two 8,000 gallon fiberglass tanks to be utilized for gasoline and diesel fuel were installed in 1988. The tanks were placed in a single cavity approximately 10 feet east of the service/repair garage building.

A 1,000 gallon steel tank, utilized for waste oil, was located south of the garage building. It is believed that this tank was originally installed by Sohio.

The pump island was located immediately north of the tank cavity and the fill pipe for the waste oil tank was located inside the garage.

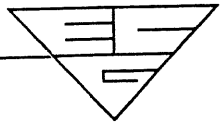
This report is intended to document the excavation, cleaning, removal from the property of the two 8,000-gallon fiberglass UST systems and the one 1,000-gallon steel UST system; and the disposal of all related liquids and solids. It is a summary of observations, photos, disposal receipts, laboratory reports, correspondence and other relevant documents required by the State Fire Marshal in order to "document all tank removal activities" and to obtain "NO FURTHER ACTION" status.

This report is being submitted on behalf of KNC Building Company, the owner of the property from which the UST systems were removed. To the best of our knowledge, it fairly and accurately describes the activities that occurred during the period of time covered by this report.

ENVIRONMENTAL CONSULTING GROUP, INC. (E.C.G.I.) personnel were on site during all of the removal and excavation operations; all soil samples were obtained and field screened by ***E.C.G.I.*** personnel; and selected samples were obtained and submitted to a qualified testing laboratory for their independent analyses and written reports.

IX. SURROUNDING PROPERTIES:

The subject property is located on the southwest corner of the intersection of East 30th Street and Payne Avenue in a commercial/ industrial area of downtown Cleveland, (Cuyahoga County), Ohio.



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IX. SURROUNDING PROPERTIES: (continued)

The mean elevation of the subject property is approximately 640 ft. MSL and the natural regional topography slopes gently towards Lake Erie, which is located approximately one mile to the north.

The adjoining properties consist of the following commercial facilities: a restaurant to the north; Mueller Tire to the east; Warwick Communications to the south; and a paved parking lot to the west.

All of the properties in this portion of Cuyahoga County are connected to Regional Water and Sewer Systems, and no drinking water wells are located within 1 mile of the subject property.

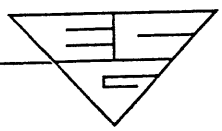
X. LOCATION OF TANKS ON PROPERTY:

The underground storage tank systems covered by this report were located on the eastern and southern portions of the property (see Site Plan in APPENDIX B).

The gasoline and diesel tanks were installed in a single cavity east of the building. The pump island was located immediately north of the tank cavity and the vent pipes were affixed to the south rear wall of the building. The tank cavity area was surfaced with concrete and a 12 inch diameter monitoring well was installed at the southeast corner of the cavity.

Based on the manways accessing the fill pipes and the volume monitoring devices, the tanks were oriented in an east-west direction.

The clean out for the waste oil tank was located approximately 8 feet south of the rear wall of the building. The fill pipe was located immediately inside the rear wall and the 2 vent pipes protruded approximately 12" inches from the asphalted surface, immediately adjacent to the building.



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XI. NOTIFICATION AND PERMITS:

This site is currently under the delegated authority of the City of Cleveland Fire Prevention Bureau.

The application for removal of three (3) USTs was submitted to the Cleveland Fire Prevention Bureau on August 7, 1998. The permit for removal (#08204) was also dated August 7, 1998; however, we were not permitted to commence removal until September 22, 1998.

Copies of the 30-day notification, the application, the removal permit, and the field report are included in APPENDIX A.

XII. LOCAL FIRE DEPARTMENT:

City of Cleveland Fire Department
Fire Prevention Bureau
1645 Superior Avenue East
Cleveland, Ohio 44114
(216) 664-6664

XIII. ON-SITE PERSONNEL:

For the City of Cleveland (Delegated Authority):

Inspector Terry Chambers
Fire Prevention Bureau
1645 Superior Avenue E.
Cleveland, Ohio 44114

For the Client (See APPENDIX C)

State of Ohio Certified UST Installer
Greg D. McDaniel
22170 McDaniel Road
Minerva, Ohio 44657
(330) 868-5565
INSTALLER ID#: 10-90-0802

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XIII. ON-SITE PERSONNEL: (continued)

ENVIRONMENTAL CONSULTING GROUP, INC.:

Mr. Barry J. Sands, CP-181
25550 Chagrin Boulevard #405
Beachwood, Ohio 44122
(216) 464-5540

Ms. Karyn M. Tadajewski
25550 Chagrin Boulevard #405
Beachwood, Ohio 44122
(216) 464-5540

Ms. Michelle T. Wolff
25550 Chagrin Boulevard #405
Beachwood, Ohio 44122
(216) 464-5540

XIV. TANK REMOVAL CHRONOLOGY:

08/07/98
- The 30 day notification, the application for removal, and the permit fees were filed with the City of Cleveland, Fire Prevention Bureau.
- Permit #08204 was issued to the owner of the property.

09/22/98
- Trans-Enviro, Inc. pumped 2,200 gallons of liquid from the tanks after the tamper proof devices were extracted from the fill pipes.
- Greg McDaniel, M & G Contractors, mobilized the equipment to the site and began excavation in the two tank areas.
- Surface materials (asphalt and concrete) were excavated from the areas over each of the two UST cavities.

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XIV. TANK REMOVAL CHRONOLOGY: (continued)

- The backfill material (pea gravel) was excavated from the top of the USTs located in the east tank cavity. All excavated pea gravel was stockpiled on the southeast corner of the property.

- The backfill surrounding the waste oil tank was excavated and stockpiled on the southern portion of the property.

- Each tank was inspected for the presence of liquids or sludges and the two tanks in the east cavity were found to be empty. The waste oil tank was found to contain approximately 450 gallons of highly viscous liquid and approximately 500 gallons of sludge.

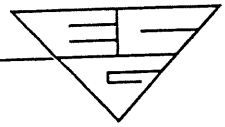
- A more powerful vaccuum truck (Petro-Rem, Inc.) was required to pump the viscous liquid (approximately 450 gallons) from the waste oil tank.

- After checking each tank for explosive vapors and after obtaining approval of the LEL meter readings by Inspector Terry Chambers of the Cleveland Fire Prevention Bureau, the tanks were removed from the ground.

- Due to the limited space in and around the cavity, the fiberglass tanks could not be removed intact. Both tanks were broken, therefore, the inspector requested that the tanks be crushed and the pieces accumulated in a metal dumpster.

- The waste oil tank was removed from the cavity and placed on plastic sheeting. Numerous holes and pits were observed.

- Prior to collecting environmental samples, the tank backfill material and up to one foot of native material was excavated from each of the tank cavities and stockpiled on-site.



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XIV. TANK REMOVAL CHRONOLOGY: (continued)

- Potential environmental samples and headspace samples were collected from the cavity floor under the ends of each tank and from under each of the dispenser pumps.

- The east tank cavity was found to have a concrete base; therefore, samples were obtained from the edges of the base.

- The headspace samples were screened using an Organic Vapor Meter (OVM), and the appropriate samples were selected for laboratory analysis.

- The waste oil tank and the solid sludge from the tank were removed from the site by M & G Contractors.

- Both tank cavities were backfilled with the clean excavated fill material and clean imported limestone. Additional limestone had to be ordered for the east tank cavity.

- All piping was either removed from the site as scrap metal or collected in the dumpster with other fiberglass pieces and the site was secured for the night.

09/23/98

- M & G Contractors re-mobilized on the site and continued backfilling the east tank cavity with clean imported limestone.

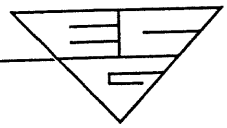
- The dispenser pumps were loaded into the dumpster.

- The site was graded and cleaned of all debris.

- The soil samples collected on 9/22/98 were picked up, while still on ice, under chain of custody protocol by Geo-Analytical Laboratory.

09/24/98

- The dumpster was removed from the site



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XIV. TANK REMOVAL CHRONOLOGY: (continued)

09/30/98 - The preliminary laboratory results for the samples collected from the tank excavations were reported out.

10/14/98 - The final laboratory report was issued and the Closure Report was completed.

XV. VISUAL OBSERVATIONS DURING TANK REMOVAL:

The excavated backfill material from the east tank cavity consisted of pea gravel. Due to a concrete pad at the bottom of the tank cavity, the "Native Soils", consisting of medium brown, medium-grained Sand, were extracted from the soils at the ends of the concrete pad. No odors or stains were observed in the backfill material or the "Native Soils".

The backfill material surrounding the waste oil tank consisted of sand and gravel and was similar to the "Native Soils" encountered in the east tank cavity. Samples were obtained from the floor of the cavity under both ends of the tank. No odors or stains were observed in the excavated soils.

No groundwater was observed in the either of the tank cavities; however, a water line was damaged during the excavation of the vent piping and water began to seep into the east tank cavity. The water department was contacted to shut off the water.

Because all of the excavated backfill material was pea gravel, no soil samples were obtained from the stockpiles.

TANKS

The two 8,000-gallon fiberglass tanks and were installed horizontally with the tops of the tanks located approximately 3 feet below the surface. The west ends of the fiberglass tanks were located approximately 10 feet east of the garage building. These fiberglass tanks were pumped out by Trans-Enviro, Inc. prior to the excavation and no liquids or sludges remained. The tanks were in good condition; however, they could not be removed intact because of the restricted space in and around the cavity. The tanks were crushed and all fiberglass was collected in a dumpster and removed from the site.

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XV. VISUAL OBSERVATIONS DURING TANK REMOVAL: (continued)

TANKS (continued)

The steel waste oil tank was located approximately 5 feet south of the garage building and parallel to the south wall. The top of the tank was approximately 4-4.5 feet below the asphalted surface. Although Trans-Enviro, Inc. attempted to pump out the tank prior to the excavation, the tank was found to contain approximately 450 gallons of highly viscous liquid that could not be pumped and approximately 500 gallons of sludge.

The full tank was removed from the cavity with the permission of the inspector. After removing the tank from the cavity, Petro-Rem, Inc. was contracted to remove the viscous liquid with a high suction truck. The tank and approximately 500 gallons of sludges were removed from the property by M & G Contractors.

PIPING

The fiberglass product and vent piping for the fiberglass tanks was buried approximately 18 inches below the surface. The two vent lines extended to the south wall of the building and the vertical portion protruded above the roof line. The product piping extended north to the dispenser pump island immediately adjacent to the tank cavity. The vent piping for the waste oil tank extended to the south wall of the building and protruded approximately 12 inches above the asphalted surface.

A second vent pipe protruded from the surface adjacent to the waste oil vent. This pipe is believed to be part of an oil-water separator beneath the floor of the building.

During the excavation of the soils from the tank cavities, the product and vent piping was exposed and removed except for the waste oil piping located inside the building.

XVI. SOIL SAMPLING PROCEDURES:

Soil sampling was conducted on September 22, 1998 by Ms. Karyn Tadajewski, an employee of ***ENVIRONMENTAL CONSULTING GROUP, INC.***, an independent environmental firm unaffiliated with the contractor.

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XVI. SOIL SAMPLING PROCEDURES: (continued)

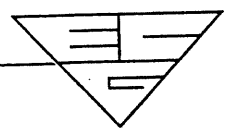
Because of the risk of entering the excavation, the excavator extracted soils from the floor of the tank cavity in areas near the ends of each tank. Soils from beneath the dispenser pumps were obtained directly by Ms. Tadajewski. No samples were obtained from the stockpiles of pea gravel.

All samples were handled in the following manner:

1. After the excavator extracted a bucket of soil from the bottom of the tank cavity, the material was inspected for moisture, odor and discoloration;
2. A portion of the extracted material was collected in a new and clean glass jar, supplied by the laboratory. The filled POTENTIAL LABORATORY SAMPLE jar was tightly sealed with a clean Teflon coated lid;
3. A second portion of the extracted material was placed in a Ziplock bag and immediately sealed;
4. Both samples were identified with the same location number and depth at which the sampling occurred. A Sample Location Map is presented in Appendix D;
5. The POTENTIAL LABORATORY SAMPLE jar from each location was packed on ice while the HEAD SPACE SAMPLE was placed in a heated vehicle where it would be exposed to temperatures above 60°F for more than 30 minutes.

XVII. SOIL SAMPLE SCREENING:

After being allowed to volatize and stabilize at room temperature (>60 degrees F) for more than 30 minutes, the HEADSPACE SAMPLES were "screened" with an Organic Vapor Meter (OVM), Model 580B, manufactured by Thermo Environmental Instruments. The probe tip of the OVM was inserted through a small opening in the Ziplock bag; and the resulting readings were noted. The OVM instrument was calibrated prior to screening on 09/22/98 as per the manufacturer's instructions, using a gas containing 100 ppm of Isobutylene in air.



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XVII. SOIL SAMPLE SCREENING: (continued)

The following table provides a summary of the field screening readings:

SAMPLE LOCATION	DEPTH FT.	OVM PPM	TO LAB?
EAST TANK CAVITY			
DIESEL (TC-D) - East	12	0.2	NO
DIESEL (TC-D) - West	12	0.3	YES
GASOLINE (TC-G) - East	12	0	YES
GASOLINE (TC-G) - West	12	0	NO
PUMP ISLAND			
GAS (PI-G)	6	2.0	YES
DIESEL (PI-D)	6	0.2	YES
WASTE OIL TANK			
EAST (WO-E)	10	0	NO
WEST (WO-W)	10	7.1	YES

After field screening all samples, the corresponding POTENTIAL LABORATORY SAMPLE with the highest OVM reading from each tank cavity was submitted to the laboratory for analysis. All excess sample material was disposed of in the tank cavity. In addition, samples from beneath both the gasoline and diesel dispenser pumps were submitted for laboratory analysis.

XVIII. LABORATORY FINDINGS:

On September 23, 1998, five (5) soil samples obtained on September 22, 1998, were picked up by Geo Analytical, Inc.

GEO Analytical, Inc.
9263 Ravenna Road
Suite A-7
Twinsburg, Ohio 44087
(330) 963-6990

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XVIII. LABORATORY FINDINGS: (continued)

Geo Analytical, Inc., an independent EPA and VAP certified laboratory, was selected to perform the BUSTR required analyses. All samples were properly stored in an iced cooler and transported under standard chain-of-custody protocol.

The gasoline samples were analyzed for BTEX (8020A), and Total Petroleum Hydrocarbons (TPH) (8015A). The Diesel samples were analyzed for BTEX (8020A), Polynuclear Aromatics (PAHs) (8100) and TPH (418.1). The waste oil samples were analyzed for TPH (418.1) and Volatile Organic Compounds (VOCs) (8240).

All analytical results with concentrations greater than "non-detect" are summarized below:

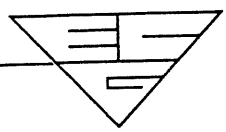
All results in parts per million (mg/kg)

	BENZENE	TOULENE	E-BENZENE	XYLENE	TPH (8015)	PAH	TPH (418.1)
PI-D	<0.002	<0.002	<0.002	<0.002	N/A	<0.33	<4.0
TC-D	<0.002	<0.002	<0.002	<0.002	N/A	<0.33	19.4
PI-G	0.113	0.231	0.018	0.106	24.6	N/A	N/A
TC-G	<0.002	<0.002	<0.002	<0.002	<4.0	N/A	N/A
*WO-W	0.006	0.052	<0.005	0.012	N/A	N/A	13,900
BUSTR C-2 ALLOWABLE	0.170	7.0	10.0	47.0	300	N/A	642

N/A = Not Applicable

*Note: Traces of Acetone (0.065 mg/kg) and Tetracholoethene (0.024mg/kg) were also detected in the sample from the waste oil cavity. Acetone is believed to be a possible lab contaminant.

Copies of the Laboratory Reports and the Chain of Custody document for the samples collected are presented in Appendix D.



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XIX. SITE FEATURE SCORING SYSTEM

BUSTR has established a Site Feature Scoring System which is used as a guideline to determine soil and groundwater cleanup concentrations. The system uses site features such as, distance to a water supply, depth to groundwater, native soil type, and conduits and receptors to assign a score to each site. Each site is placed in a Category (1 through 4) based on its score and each category has been assigned cleanup concentrations.

Based on the BUSTR Site Feature Scoring System, the site is classified as a CATEGORY 2 SITE. The site feature scoring system worksheet is presented in Appendix A.

XX. BACKFILLING:

All tank backfill material (pea gravel) and up to one foot of "Native Soil" (sands) were excavated from each tank cavity and temporarily stockpiled on-site. Because no staining or odors were detected, all of the excavated materials were placed back into the tank cavities. Approximately 143 tons of clean imported limestone were utilized to replace the tank volumes and the interstitial spaces in the gravel.

No soils were removed from the property and no soil remained stockpiled on the site.

XXI. DISPOSAL:

LIQUIDS:
On September 22, 1998, Trans-Enviro, Inc. and Petro-Rem, Inc. pumped a total of approximately 2,650 gallons of liquid from the USTs. No liquid or sludge was present in the two fiberglass USTs at the time of excavation; however, the steel waste oil tank contained approximately 500 gallons of sludge that was removed from the site by
M & G Contractors.

Copies of the disposal receipts for the liquid are presented in APPENDIX E.

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XXI. DISPOSAL: (continued)

TANK SYSTEMS:
The cut open steel tank and related system components were removed from the owner's property and disposed of as scrap by Mr. Greg McDaniel at the following location:

M & G Contractors
22170 McDaniel Drive
Minerva, Ohio 44657

The fiberglass tanks were crushed, the pieces were placed into a metal dumpster and the dumpster was removed by Frato. A copy of the disposal receipt for the metal tank system is presented in Appendix E.

EXCAVATED SOIL:

The excavated backfill material was temporarily stockpiled on-site until the completion of the tank removal activities. All of the excavated soil and backfill material was returned to the tank cavities.

XXII. CONCLUSIONS & RECOMMENDATIONS:

CONCLUSIONS
Based on our observation of the tank removal activities, the field screening of the samples, the laboratory results of the samples submitted for analysis and our scoring of the site as a SFSS Category 2 site (See Appendix A), we conclude the following:

- Laboratory analysis of the native soil samples collected from the FLOOR OF THE EAST TANK CAVITY and from the beneath the dispenser pumps indicated that the concentrations of all parameters were below BUSTR Category 2 levels.

- Samples from the waste oil cavity were collected at a depth of approximately 10 feet below surface grades and no obvious odors or stains were observed. The BTEX concentrations for this sample was below BUSTR Category 2 levels and all other VOC concentrations were below the Ohio VAP Direct Contact Standards for residential properties.

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XXII. CONCLUSIONS & RECOMMENDATIONS: (continued)

- The elevated TPH (418.1) concentration in WO-W is not consistent with the findings of the VOC laboratory analyses (8240/8260A), since no significant concentrations of volatiles were detected.

  We conclude that because 418.1 picks up many non-petroleum hydrocarbons including decayed animal and plant matter, asphalt, fertilizers, etc., the detected TPH is NOT RELATED to the former UST system. Furthermore, with 10 feet of pea gravel and limestone above the floor of the cavity, human contact is not likely.

RECOMMENDATIONS
We recommend the site be granted "NO FURTHER ACTION" status.

Respectfully submitted, this 14th day of October, 1998.

Karyn M. Tadajewski
ENVIRONMENTAL CONSULTING GROUP, INC.
Karyn M. Tadajewski
Environmental Scientist

Barry J. Sands, CP-181
President

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CLOSURE FORM (PART I)

CLOSURE CHECKLIST

NERSHIP OF TANKS	LOCATION OF TANKS
KNC Building Company 24200 Chagrin Blvd., Ste 242 Beachwood, Ohio 44122	George R. Klein News Co. Fuel Depot 2950 Payne Avenue Cleveland, Ohio 44114

FILING INSTRUCTIONS

1. IN THE COLUMN ON THE LEFT SIDE OF THE FORM, PLACE EITHER THE PAGE NUMBER OR APPENDIX DESIGNATION WHERE EACH ITEM ON THE CHECKLIST CAN BE FOUND IN THE CLOSURE REPORT OR "N/A" (NOT APPLICABLE) FOR ITEMS THAT DO NOT APPLY TO YOUR CLOSURE REPORT.

2. UST OWNER MUST SIGN WHERE INDICATED AT THE END OF THIS FORM AND ATTACH IT TO THE CLOSURE REPORT. DEFICIENT CLOSURE REPORTS SUBMITTED TO OUR OFFICE WILL BE RETURNED TO THE UST OWNER FOR COMPLETION. SEND THE CLOSURE FORM AND THE CLOSURE REPORT TO THE ATTENTION OF THE "CLOSURE REVIEW SECTION".

NOTE: UST OWNER/OPERATORS SHALL SUBMIT ONE COPY OF THE WRITTEN CLOSURE REPORT WHICH SHALL BE RECEIVED BY THE STATE FIRE MARSHAL WITHIN 45 DAYS OF RECEIPT BY THE UST OWNER/OPERATOR OF SOIL AND/OR GROUND WATER LABORATORY ANALYSIS BUT NOT LATER THAN 90 DAYS FROM THE DATE OF COLLECTING SOIL AND/OR GROUND WATER SAMPLES.

I. UST SYSTEM OWNER, OPERATOR, AND FACILITY DATA

1 UST OWNER (NAME; ADDRESS; ZIP CODE; COUNTY; PHONE NO.)
1 UST OPERATOR (NAME; ADDRESS; ZIP CODE; COUNTY; PHONE NO.)
2 UST FACILITY LOCATION (NAME; ADDRESS; ZIP CODE; COUNTY; PHONE NO.)
2 UST FACILITY OWNER (NAME; ADDRESS; ZIP CODE; COUNTY; PHONE NO.)

II. UST SYSTEM DATA

2 DATE OF UST REMOVAL OR ABANDONMENT
2 UST SYSTEM AGE (YEARS)
2 UST CAPACITY (GALLONS)
2 UST SYSTEM CONSTRUCTION (E.G., STEEL, FIBERGLASS, ETC.)
2 DATE UST SYSTEM LAST USED
2 PERSON WHO LAST USED UST SYSTEM
2 SUBSTANCE STORED IN UST BOTH PAST AND PRESENT (E.G. GASOLINE, DIESEL FUEL, USED OIL, ETC.)
2 UST SYSTEM USE (E.G. RETAIL SALES, RESIDENTIAL, FARM, BUSINESS, ETC.)
2 UST SYSTEM STATUS (PERMANENTLY REMOVED, ABANDONED-IN-PLACE, CHANGE-IN-SERVICE, OR TEMPORARY CLOSURE BEYOND TWELVE MONTHS)

III. WASTE DISPOSAL DATA

15 DISPOSAL OF UST SYSTEM
14 DISPOSAL AND FINAL LOCATION OF ANY LIQUIDS FROM UST SYSTEM OR UST SYSTEM EXCAVATION

IV. SAMPLING DATA
(GROUND WATER SAMPLING DATA ONLY REQUIRED IF GROUND WATER ENCOUNTERED DURING CLOSURE ACTIVITIES)

10 SOIL AND/OR GROUND WATER SAMPLE COLLECTION PROCEDURES
11 TYPE OF SAMPLE CONTAINERS AND SAMPLE PRESERVATION TECHNIQUES USED FOR SOIL AND/OR GROUND WATER SAMPLES
App D LABELING NUMBER OR DESIGNATION OF SOIL AND/OR GROUND WATER SAMPLE USED
11 TYPE OF SAMPLING EQUIPMENT USED (E.G. SPLIT SPOON, SHELBY TUBE, ETC.)
N/A PROCEDURES USED FOR DECONTAMINATION OF SAMPLING EQUIPMENT
11 FIELD SCREENING METHODOLOGY USED FOR EACH SOIL AND/OR GROUND WATER SAMPLES OBTAINED
11 TYPE OF FIELD SCREENING INSTRUMENT USED
12 LISTING OF FIELD SCREENING READINGS FOR EACH SOIL AND/OR GROUND WATER SAMPLE OBTAINED
11 CALIBRATION DATE OF FIELD SCREENING INSTRUMENT
App D LOCATIONS AND DEPTHS OF ALL SOIL AND/OR GROUND WATER SAMPLES OBTAINED
App D COPY OF CHAIN OF CUSTODY DOCUMENTATION FOR SOIL AND/OR GROUND WATER SAMPLES SUBMITTED TO LABORATORY
10 SAMPLE COLLECTOR NAME AND COMPANY AFFILIATION

V. LABORATORY DATA
(GROUND WATER LABORATORY DATA ONLY REQUIRED IF GROUND WATER ENCOUNTERED DURING CLOSURE ACTIVITIES)

App D COPIES OF LABORATORY SAMPLE ANALYSIS DATA SHEETS FOR SOIL AND/OR GROUND WATER SAMPLES
10 DATE SOIL AND/OR GROUND WATER SAMPLES COLLECTED
App D/12 DATE SOIL AND/OR GROUND WATER SAMPLES RECEIVED BY LABORATORY
App D DATE SOIL AND/OR GROUND WATER SAMPLES ANALYZED BY LABORATORY AND TYPE OF MATRIX ANALYZED (SOIL OR WATER)
12/App D NAME, ADDRESS, AND PHONE NUMBER OF LABORATORY AND NAME OF SAMPLE ANALYST
13 ANALYTICAL TEST METHODS USED FOR SOIL AND/OR GROUND WATER SAMPLES
App D DETECTION/QUANTITATION LIMITS USED FOR LABORATORY TEST METHODS
N/A DATE OF LABORATORY INSTRUMENT CALIBRATION

VI. MISCELLANEOUS DATA

9 VISUAL SITE EVALUATION
App B SITE MAP ACCURATELY DEPICTING DIMENSIONS OF FACILITY PROPERTY BOUNDARIES, ABOVE GROUND STRUCTURES, ADJACENT STREET LOCATIONS, AND UST SYSTEMS (NUMBER OF TANKS AND PRODUCT LINES)
App B MAPPED LOCATIONS OF KNOWN PRIVATE WELLS, PUBLIC WATER WELLS, OR MONITORING WELLS ON FACILITY
App B MAPPED LOCATIONS OF ANY UTILITIES EXPOSED DURING UST SYSTEM EXCAVATION
9 DESCRIPTION OF NATIVE SOILS ENCOUNTERED DURING UST SYSTEM EXCAVATION (E.G. SAND, GRAVEL, CLAY, ETC.)
12/App D MAPPED DEPTHS AND LOCATIONS OF ALL SOIL AND/OR GROUND WATER SAMPLES TAKEN FROM EXCAVATION
App D MAPPED LOCATION OF UST RECENTLY OR HISTORICALLY REMOVED, ABANDONED-IN-PLACE, OR HAS UNDERGONE A CHANGE IN SERVICE, OR TEMPORARY CLOSURE BEYOND TWELVE MONTHS
N/A MAPPED LOCATIONS OF OTHER UST STILL IN SERVICE
App B MAPPED LENGTH OF UST AND PRODUCT LINE
N/A MAPPED EXCAVATION LIMITS
5/App C CERTIFIED FIRE SAFETY INSPECTOR NAME AND CERTIFICATE NUMBER
5 LOCAL FIRE DEPARTMENT (NAME; ADDRESS; ZIP CODE; COUNTY; PHONE)
App A COPY OF 30 DAY CLOSURE NOTIFICATION AND CLOSURE PERMIT

CLOSURE FORM (PART II)

SITE FEATURE SCORING SYSTEM (SFSS) CHART

REFER TO SFSS GUIDELINES BEFORE COMPLETING

SITE FEATURES	COLUMN A		COLUMN B		COLUMN C		COLUMN D	
	SCORE 20	ENTER SCORE	SCORE 15	ENTER SCORE	SCORE 10	ENTER SCORE	SCORE 5	ENTER SCORE
1. DISTANCE OF UST SYSTEM FROM CLOSEST POTABLE WATER SUPPLY SOURCE CURRENTLY IN USE IS:	> 1000 FT	20	300-1000 FT		< 300 FT		INSIDE OF DESIGNATED SENSITIVE AREA	
2. DEPTH TO GROUND WATER IS:	> 50 FT		31-50 FT		15-30 FT OR UNKNOWN	10	< 15 FT	
3. PREDOMINANT SOIL TYPE OF SUBSTRATUM IS:	CLAY OR SHALE		SILT OR CLAYEY SANDS OR FINE SANDSTONE		SILTY SAND OR FINE SAND, UN-KNOWN, OR SANDSTONE	10	CLEAN SAND, GRAVEL, OR CONGLOM-ERATE	
4. NATURAL AND/OR MAN-MADE CONDUITS OR RECEPTORS ARE: (COMPLETE WORKSHEET BELOW)	< 8 POINTS		8-10 POINTS		11-13 POINTS		> 13 POINTS	5
ADD SUBTOTALS:			+		+		+	
							TOTAL SCORE	45

FEATURE 4 WORKSHEET:

EMENTS OR SUBSURFACE FOUNDATIONS WITHIN 100 FEET OF UST SYSTEM	4 POINTS 4
STORM SEWER WITHIN 50 FEET OF UST SYSTEM	4 POINTS 4
SANITARY SEWER WITHIN 50 FEET OF UST SYSTEM	4 POINTS 4
SEPTIC SYSTEM LEACH FIELD WITHIN 50 FEET OF UST SYSTEM	2 POINTS 0
WATER LINE MAIN WITHIN 50 FEET OF UST SYSTEM	1 POINT 1
NATURAL GAS LINE MAIN WITHIN 50 FEET OF UST SYSTEM	1 POINT 1
BEDROCK AREA PRONE TO DISSOLUTION ALONG JOINTS OF FRACTURES WITHIN 100 FEET OF UST SYSTEM	1 POINT 0
FAULTS OR KNOWN FRACTURES WITHIN 100 FEET OF UST SYSTEM	1 POINT 0
BURIED TELEPHONE/TELEVISION CABLE MAIN WITHIN 50 FEET OF UST SYSTEM	1 POINT 0
BURIED ELECTRICAL CABLE MAIN WITHIN 50 FEET OF UST SYSTEM	1 POINT 0
	TOTAL POINTS 14

IF TOTAL POINTS FROM SITE FEATURE 4 WORKSHEET ARE:

< 8, ENTER SCORE OF 20 IN COLUMN A OF SITE FEATURE 4 IN SFSS CHART
8 - 10, ENTER SCORE OF 15 IN COLUMN B OF SITE FEATURE 4 IN SFSS CHART
11 - 13, ENTER SCORE OF 10 IN COLUMN C OF SITE FEATURE 4 IN SFSS CHART
> 13, ENTER SCORE OF 5 IN COLUMN D OF SITE FEATURE 4 IN SFSS CHART

NOTE: AFTER COMPLETING SFSS CHART (ABOVE), COMPARE THAT SCORE WITH TOTAL SCORES IN ACTION LEVEL TABLE (BELOW) TO DETERMINE ACTION LEVELS FOR UST SITE.

SFSS ACTION LEVELS TABLE (PPM)

CONSTITUENT	CATEGORY 1	CATEGORY 2	CATEGORY 3	CATEGORY 4
TOTAL SCORE	< 31	31-50	51-70	> 71
SOIL BTEX	.006/4/6/28	.170/7/10/47	.335/9/14/67	.500/12/18/85
GROUND WATER BTEX	.005/1/.700/10	.005/1/.700/10	.005/1/.700/10	.005/1/.700/10
SOIL TPH (GASOLINE)	105	300	450	600
SOIL TPH (OTHERS)	380	642	904	1156

CLOSURE FORM (PART III)

SOIL DISPOSAL/TREATMENT REQUIREMENTS

Please provide the page number or appendix designation where the following items may be found in the closure report:

9 Calculated stockpile volume in cubic yards
14 Description of stockpile storage and staging (e.g., bermed, covered, etc.)
N/A Stockpile sampling and field screening procedures, locations, dates, and results
N/A Stockpile laboratory reports and chain of custody form

*The stockpile consisted of pea gravel & surfacing materials. No sampling was conducted & all material were returned to the cavity.

In order to comply with the reporting requirements of OAC 1301:7-9-16, please refer to the Soil Disposal/Treatment Notification Form on the following page. The first page of the Soil Disposal/Treatment Notification Form should be completed for each stockpile generated. The second page of the Soil Disposal/Treatment Notification Form should be completed if the PCS is to be treated at a designated facility.

Please consolidate the Soil Disposal/Treatment Notification Form and related PCS information in a separate section of the closure report. The State Fire Marshal is required to track and manage all information derived from PCS generated in compliance with OAC 1301:7-9-16. Consolidating the PCS information in a separate section of the closure report will facilitate a faster review of the site file.

CLOSURE FORM (PART IV)

CLOSURE FORM CERTIFICATION STATEMENT

The following certification statement must be completed by the UST owner/operator. **The notarized written statement found at the end of the Soil Disposal/Treatment Notification Form must also be completed if the PCS is to be treated.**

I certify that I have personally examined and that I am familiar with the information submitted in this form, and based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

George R. Klein, Partner — 10/14/98

Owner/operator's name (print) — *Signature* — *Date*

ENVIRONMENTAL CONSULTING GROUP, INC.

25550 Chagrin Blvd. • Suite 405 • Cleveland, Ohio 44122
(216) 464-5540 • FAX: (216) 464-5541

August 10, 1998

Mr. Terry Chambers
City of Cleveland
Fire Prevention Bureau
1645 Superior Avenue
Cleveland, Ohio 44114

Re: Fuel Depot
George R. Klein News Company
2950 Payne Avenue
Cleveland, Ohio 44114

Dear Inspector Chambers:

This letter will serve as 30-day notification for the removal of three (3) underground storage tanks. The tanks were operated as a Standard Oil Gas Station and a fueling depot for the George R. Klein News Co. delivery truck fleet since 1950.

Tank #1: 8,000 gallon fiberglass gasoline tank installed in 1988.
Tank #2: 8,000 gallon fiberglass diesel tank installed in 1988.
Tank #3: 1,000 gallon steel waste oil tank installed in 1950.

Please find enclosed the revised Delegated Permit for Underground Storage Tanks application, the City of Cleveland removal permit application and the removal fee for the UST.

If you have further questions or require additional information, please do not hesitate to contact me.

Sincerely,

ENVIRONMENTAL CONSULTING GROUP, INC.
Barry J. Sands, President

cc: Bureau of Underground Storage Tank Regulations

Total Fee $ 150.00

CITY OF CLEVELAND
Department of Public Safety
Division of Fire

Permit # _____

Date of Application 8/7/98

APPLICATION to REMOVE 3 TANKS for ALL SUBSTANCES, other than water, above ground ____ underground X inside ____ outside ____ other ____

Fuel Depot, 2950 Payne Ave., Cleveland, George Klein News Co. Tank spec's ASME ____ API ____ ICC ____ UL ____ Other ____
(LOCATION) (OCCUPANT)

PUMPS: type ____ submerged X inline ____ remote ____. Valves req'd; ____ relief ____ excess flow ____ impact ____ internal check ____ other ____ swing line ____

UNDERGROUND: Depth of fill cover (circle) 1½'; 2'; 2½'; (3'); 4'. Type of fill cover; Sand/Gravel Sand bed & fill, 6"; (12").
ABOVE GROUND: Dikes (state dimensions, capacity & material) ____

Grounding arrangement: ____ support protection: ____

1 Tank(s) cap. 8,000 size ____ gauge ____. Vent size ____ (normal), ____ (emrg.), arrestor req. ____ fill size ____ Fee $100.00
type ____
Distances to, lot line ____ street line ____ between tanks ____ building ____. Contents gasoline ident. ____

1 Tank(s) cap. 8,000 size ____ gauge ____. Vent size ____ (normal), ____ (emrg.), arrestor req. ____ fill size ____ Fee $ ____
type ____
Distances to, lot line ____ street line ____ between tanks ____ building ____. Contents diesel ident. ____

1 Tank(s) cap. 1,000 size ____ gauge ____. Vent size ____ (normal), ____ (emrg.), arrestor req. ____ fill size ____ Fee $ 50.00
type ____
Distances to, lot line ____ street line ____ between tanks ____ building ____. Contents waste oil ident. ____

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained and to comply with all the ordinances of the City of Cleveland, the laws of the State of Ohio and all the rules and regulations of the State Fire Marshall, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, relating to the Storage of hazardous Substances.

Applicant _____ Chief Kevin G. Gentry Zoning: Map ____ Sh ____
SIGNATURE

_____ per _____ Use ____
FIRE PREVENTION BUREAU

Removed by _____ Tel: _____

Remarks _____

C OF C 73-226 "B" F.P.B. 4/1/89

SITE SCHEMATIC

G.R. KLEIN FUEL DEPOT

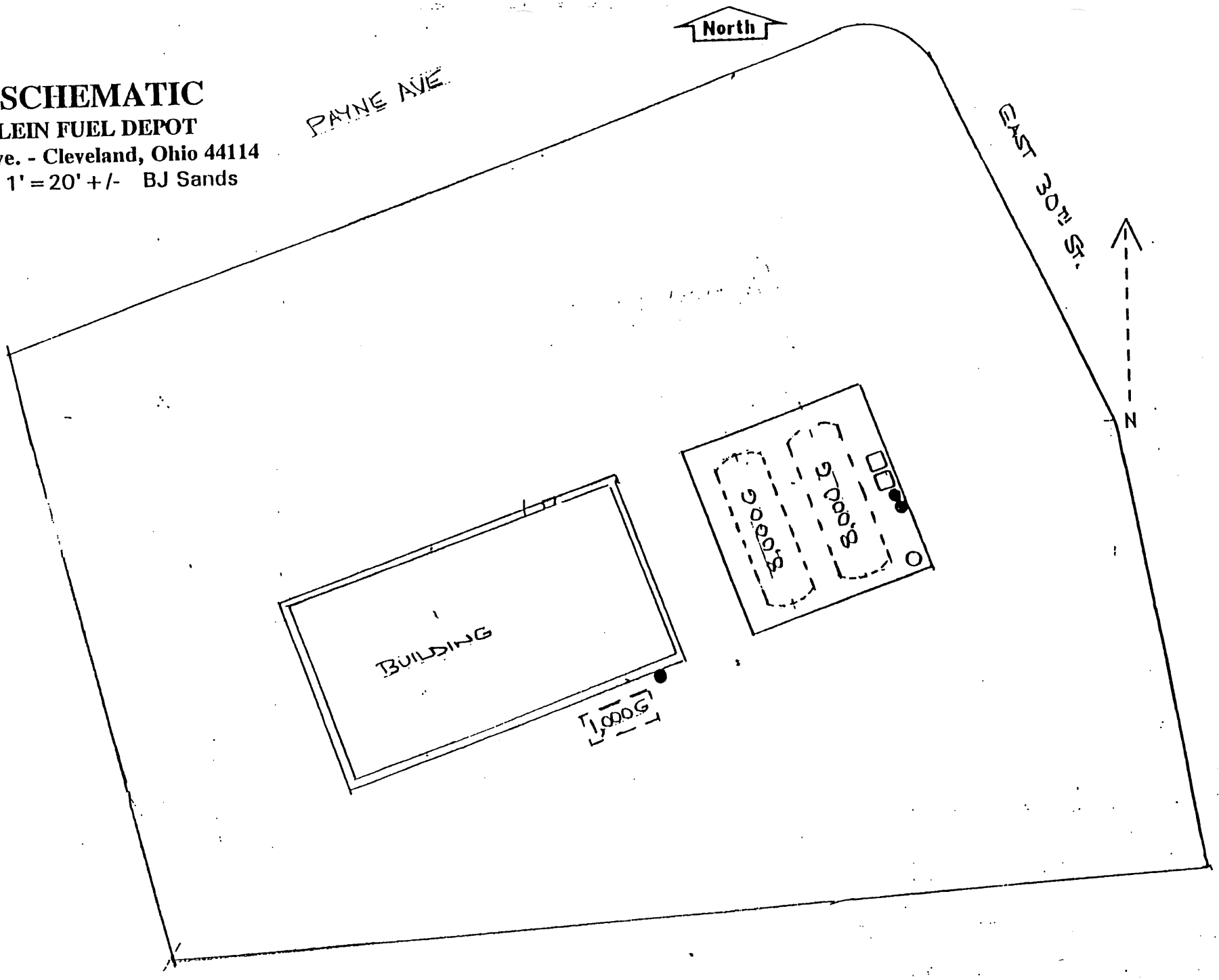
2950 Payne Ave. - Cleveland, Ohio 44114

07/31/98 1' = 20' +/- BJ Sands

SITUATION PLAN

* * * *

Show all lot, building, other storage above or below grade, street lines and distances



ENVIRONMENTAL CONSULTING GROUP, INC.

DEPARTMENT OF COMMERCE, DIVISION OF STATE FIRE MARSHAL
BUREAU OF UNDERGROUND STORAGE TANK REGULATIONS
P.O. BOX 687
REYNOLDSBURG, OH 43068-0687

08204

DELEGATED PERMIT FOR UNDERGROUND STORAGE TANKS

Permit No. 364

Issue Date: 8/7/98

OWNERSHIP OF TANK

Owner/Operator Name: KNC Building Company

Address: 24200 Chagrin Blvd., Suite 242

City: Beachwood State: Ohio Zip: 44122

Attn: (Contact Person): George R. Klein Area Code - Phone: 216-464-2950

LOCATION OF TANK

Facility Name: George R. Klein News Co. Fuel Depot

Address: 2950 Payne Avenue

City: Cleveland State: Ohio Zip: 44114

Area Code - Phone: County: Cuyahoga

CONTRACTOR

Contractor's Name: M & G

Contact Person: Greg McDaniels Area Code - Phone: 330-868-5565

Address: 22170 McDaniel Road

City: Minerva State: Ohio Zip: 44657

TO LOCAL FIRE DEPARTMENT

Fire Department Name: Cleveland Fire Department

Address: 1645 Superior Avenue

City: Cleveland State: Ohio Zip: 44114

1. CONDITIONS: PERMIT EXPIRES ONE YEAR FROM DATE OF ISSUE. PERMISSION IS REQUIRED

2. PERMIT ISSUED FOR: SEE BELOW

Removals/Abandonments:

[101] Tank(s): [102] Piping: [103] Total Systems: (3) (2) 8,000 gal. tanks (1) 1,000 gal. tanks

Installations:

[201] Tank(s): [202] Piping: [203] Total Systems:

Replacement:

[301] Tank(s): [302] Piping: [303] Total Systems:

Repairs:

[401] Tank(s): [402] Piping:

Upgrades:

[501] Tank(s): [502] Piping: [503] Total Systems: [504] Leak Detection

[601] Temporary Closure [701] Change In Service

FIRE DEPARTMENT USE ONLY

Certified Installer Name: Greg McDaniels No. 10-90-0802

Certified Inspector's Signature: [signature] No. 97-0029 Date 9-22-98

COM 5210 Revised 2/97 Distribution: White-Owner Copy Canary-State Fire Marshal Copy Pink-Fire Department Copy

DEPARTMENT OF COMMERCE, DIVISION OF STATE FIRE MARSHAL
BUREAU OF UNDERGROUND STORAGE TANK REGULATIONS
P.O. BOX 687
REYNOLDSBURG, OHIO 43068-9009
614-752-7938

INSPECTION FIELD REPORT

Permit No: 1364

[ ] Preliminary/follow-up

Issue Date: 8-11-9

[ ] Final Inspection

I. OWNERSHIP OF TANK

KNC Building
24200 Chagrin Blvd Suite 242
Beachwood, Ohio 44122
ATTN: George Klein

II. LOCATION OF TANK

George Klein News Co
2950 Payne Ave.
Cleveland, Ohio 44114

III. INSPECTION CODES

101 102 103 201 202 203 301 302 303 401 402 403 501 502 503 504 601 701

IV. INSTALLATION/REMOVAL

	TANK	TANK	TANK	TANK	TANK	TANK	TANK	TANK
Capacity	8000	8000	1000					
Construction	FRP	FRP	Steel					
Product Stored	Gas	Diesel	W/Oil					
LEL/02 Level	9%	0%	0%					
Inspection Code	103	103	103					
Tank Holes (Y or N)	N	N	Y					
Piping Holes (Y or N)	N	N	N					

Release Detection Tank: No
Corrosion Protection: No
Spill & Overfill Protection: NO
In Ground Test
Piping: No
Piping: No/W Oil Other Tanks FRP
(CIRCLE ONE) Drop Tube / Ball Float / Electronic
Piping Test
Precision Test

V. TEMPORARY CLOSURE

Tanks Emptied Yes ___ No ___
Fill Pipe/Dispenser Secured Yes ___ No ___
Vent Lines Open Yes ___ No ___

VI. TANK LINING

Opening Cover Test
Safety Precautions
Lining Approved By
Method of Cutting
Attendant
No.
Positive Air Supply
Protective Clothing
Date

VII. SITE INFORMATION

Cavity I (Visible) (2) 8000
Tank Cavity* Clean Pipping Run* Clean Beneath Dispenser* St
Cavity II (Visible) (1) 1000
Tank Cavity* St/O Pipping Run* N/A Beneath Dispenser* N/A

*Indicate O = Odor, W = Water, ST = Staining, FP = Free Product, SH = Sheen

Remarks: Witnessed the removal of the above mentioned tanks. Tanks were removed by M & G Contractors 330-868-5565. Barry Sands from Enviromental Consulting Group on hand to take soil samples.

Start Time End Time Date
Certified Installer Name Greg McDaniels
Certified Inspector's Signature

Start Time End Time Date
No. 10-90-0802
No. 97-0029 Date 9-22-98

Revised 5/98 Distribution: White - Agency Copy Canary - Owner Copy Pink - Inspector Copy

BUSTR Files
Parcel 11 – State Industrial Products
3100 Hamilton Avenue

Ohio Department of Commerce
Division of State Fire Marshal
Bureau of Underground Storage Tank Regulations
8895 East Main Street P.O. Box 687
Reynoldsburg, OH 43068
(614) 752-7938 FAX (614) 752-7942

George V. Voinovich
Governor

Donna Owens
Director

May 23, 1996

ALLEN PLATEK
STATE CHEMICAL
3100 HAMILTON AVE
CLEVELAND OH 44114

SITE: STATE CHEMICAL
MANUFACTURING COMPANY
3100 HAMILTON AVE
CLEVELAND OH
CUYAHOGA COUNTY
INCIDENT #1823171-00

RE: NO FURTHER ACTION STATUS REGARDING CLOSURE REQUIREMENTS

Dear Mr. Platek:

The Bureau of Underground Storage Tank Regulations (BUSTR) has reviewed all information submitted for this incident number. Based on this information, BUSTR requires no further action involving closure under Ohio Administrative Code rule 1301:7-9-12.

If you feel that you are entitled to reimbursement you should contact the Petroleum Underground Storage Tank Release Compensation Board (PUSTRCB) at P.O. Box 163188, Columbus, Ohio 43216, (614) 752-8963 or (800) 224-4659. PUSTRCB administers Ohio's assurance fund and is a separate entity apart from BUSTR.

Thank you for your cooperation. If you have any questions, please contact our office at (614) 752-7938.

Sincerely,

Kevin W. Hodnett
Corrective Action Supervisor

KWH:DT:dep

xc: Site File
Inspector Terry Chambers, Cleveland Fire Department
Carolyn Wallace, Cleveland City Health District

Ohio Department of Commerce
Division of State Fire Marshal
Bureau of Underground Storage Tank Regulations
8895 East Main Street P.O. Box 687
Reynoldsburg, OH 43068
(614) 752-7938 FAX (614) 752-7942

George V. Voinovich
Governor

Donna Owens
Director

May 23, 1996

ALLEN PLATEK
STATE CHEMICAL
3100 HAMILTON AVE
CLEVELAND OH 44114

SITE: STATE CHEMICAL
MANUFACTURING COMPANY
3100 HAMILTON AVE
CLEVELAND OH
CUYAHOGA COUNTY
INCIDENT #1823171-00

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Dear Mr. Platek:

The Bureau of Underground Storage Tank Regulations (BUSTR) has reviewed all information submitted for this incident number. Based on this information, BUSTR requires no further action involving closure under Ohio Administrative Code rule 1301:7-9-12.

If you feel that you are entitled to reimbursement you should contact the Petroleum Underground Storage Tank Release Compensation Board (PUSTRCB) at P.O. Box 163188, Columbus, Ohio 43216, (614) 752-8963 or (800) 224-4659. PUSTRCB administers Ohio's assurance fund and is a separate entity apart from BUSTR.

Thank you for your cooperation. If you have any questions, please contact our office at (614) 752-7938.

Sincerely,

Kevin W. Hodnett
Corrective Action Supervisor

KWH:DT:dep

xc: Site File
Inspector Terry Chambers, Cleveland Fire Department
Carolyn Wallace, Cleveland City Health District

Ohio Department of Commerce

Division of State Fire Marshal
Bureau of Underground Storage Tank Regulations
8895 East Main Street P.O. Box 687
Reynoldsburg, OH 43068
(614) 752-7938 FAX (614) 752-7942

George V. Voinovich
Governor

Donna Owens
Director

May 23, 1996

ALLEN PLATEK
STATE CHEMICAL
3100 HAMILTON AVE
CLEVELAND OH 44114

SITE: STATE CHEMICAL
MANUFACTURING COMPANY
3100 HAMILTON AVE
CLEVELAND OH
CUYAHOGA COUNTY
INCIDENT #1323171-00

RE: NO FURTHER ACTION STATUS REGARDING CLOSURE REQUIREMENTS

Dear Mr. Platek:

The Bureau of Underground Storage Tank Regulations (BUSTR) has reviewed all information submitted for this incident number. Based on this information, BUSTR requires no further action involving closure under Ohio Administrative Code rule 1301:7-9-12.

If you feel that you are entitled to reimbursement you should contact the Petroleum Underground Storage Tank Release Compensation Board (PUSTRCB) at P.O. Box 163188, Columbus, Ohio 43216, (614) 752-8963 or (800) 224-4659. PUSTRCB administers Ohio's assurance fund and is a separate entity apart from BUSTR.

Thank you for your cooperation. If you have any questions, please contact our office at (614) 752-7938.

Sincerely,

Kevin W. Hodnett
Corrective Action Supervisor

KWH:DT:dep

xc: Site File
Inspector Terry Chambers, Cleveland Fire Department
Carolyn Wallace, Cleveland City Health District

In Cuyahoga
#18-2311
Accepted

Cardamone
CONSTRUCTION INC.

4865
Chaincraft Road
Garfield Heights
Ohio 44125
216•581•1133
1•800•686•2476

RECEIVED
1992 DEC
STATE FIRE MARSHAL
BUSTR

DECEMBER 15, 1992

BUREAU OF UNDERGROUND STORAGE TANK REGULATIONS
7510 E. MAIN ST.
REYNOLDSBURG, OHIO 43068

Gentlemen,

Enclosed is your Review of Underground Storage Tank Closure for the project at State Chemical Manufacturing Co., 3100 Hamilton Avenue, Cuyahoga County, Cleveland, Ohio.

If you have any questions concerning this report, please feel free to contact my office.

Sincerely,

CARDAMONE CONSTRUCTION, INC.

John S. Cardamone, President

JSC/kf

enclosure

cc: State Chemical Manufacturing Co.
City of Cleveland Fire Prevention

STATE FIRE MARSHAL
RECEIVED
DEC 22 1992
BUSTR

I. INTRODUCTION

A. SCOPE OF WORK.

The objective of this report is to present the data regarding the tank closure activities performed by the owner of the site. Approval of tank closure activities and/or specifications for remediation are determined by the Office of the Ohio State Fire Marshal and/or other public or private entities with the appropriate authority or workscope.

Cardamone Construction, Inc., its Contractors, Employees and Officers assume no responsibility for reporting requirements to the office of the Ohio State Fire Marshal. It is solely the responsibility of the owner and/or operator for requirements related to reporting.

B. VISUAL SITE EVALUATION.

A visual site evaluation, walk-over, was performed at the subject tank site locations for obvious signs of past or present operational problems. Special attention was given to ground stains depressions and stressed vegetation. No significant or unusual problems were observed considering the known past history of the UST site.

II. PRE-CLOSURE

C. **PROPERTY OWNER AND RESPONSIBLE PARTY:**

Site Location/Operator:

State Chemical Manufacturing Company
3100 Hamilton Avenue
Cuyahoga County
Cleveland, Ohio 44114

see Appendix A for Site Location Map.

D. **NOTIFICATION LETTER TO STATE FIRE MARSHAL:**

see Appendix B for Notification Letter and Local Permit.

E. **LOCAL JURISDICTION:**

The City of Cleveland has been delegated authority to administer the State Fire Marshal's permit and inspection program. A local removal permit is obtainable and required. The local fire department was notified at the following address.

City of Cleveland
1645 Superior Avenue
Cleveland, Ohio 44114

Contact Person: Inspector Terry Chambers
Phone No. (216) 664-6664

F. **STATE FIRE MARSHAL'S OFFICE**

Bureau of Underground Storage Tank Regulations
9221 Ravenna Road
Suite D7-D8
Twinsburg, Ohio 44082
Phone No. (216) 425-9848

G. **UST ABATEMENT & REMEDIATION CONTRACTOR**

Cardamone Construction, Inc.
4865 Chaincraft Road
Garfield Hts., Ohio 44125
Phone No. (216) 581-1133
Contact: John S. Cardamone

H. UNDERGROUND STORAGE TANK (UST):

Table 1. Tank to be Permanently Closed By Abandonment in Place

#	Size (Gal.)	Known Prior Contents	Construction Material	Cathodic Protection	Age Years
1	8,000	Odorless Mineral Spirits	Steel	Magnesium Anodes	18

III. CLOSURE

I. TANK AND ANCILLARY EQUIPMENT ABATEMENT ACTIVITIES

Liquid in the tank noted by the contractor's personnel upon job start is summarized in the following table:

Table 2. Tank contents at job start

Tank I.D.	Tank Size (Gal.)	Known Prior Use	Approximate Gallons Pumped
1	8,000	Odorless Mineral Spirits	Empty

All contents of the tank were emptied by State Chemical Manufacturing prior to arrival at job site.

UST abatement activities were conducted under the supervision of a certified UST installer, pursuant to Section 3737.881 of the Ohio Revised Code.

JAMES P. WELSH
Certificate No. 10-90-0731
C/O Cardamone Construction, Inc.
4865 Chaincraft Rd.
Garfield Hts., Ohio 44125
Phone No. (216) 581-1133

See Appendix F for Credentials.

Tank abandonment was accomplished and witnessed by Inspector Graham of the City of Cleveland in accordance with the following time table.

Table 3: Tank Abandonment and Fire Department Inspection Schedule

#	Size Gallon	Construction Material	Removal Inspection Date
1	8,000	Steel	November 3, 1992

Openings were placed in the bottom of the steel tank for samples, which were then filled in place on the property.

Pipelines (ancillary equipment) were removed at grade and filled with concrete.

J. SOIL MATRIX IDENTIFICATION

The predominant subsurface soil formation consists generally of brown silty clay fill. No definitive water table or zone of saturation was observed within the depth of the excavation.

K. SOIL CLEARANCE SAMPLING

Decontamination Procedure:

All equipment used during the sampling program was decontaminated prior to initiating the program. Sampling equipment (Oakfield Sampler) was decontaminated between sampling locations according to the following protocol:

*Removal of particulates
*Detergent solution and tap water cleaning
*Clean tap water rinse

Preservation

Every effort was made to preserve the integrity of the soil clearance samples taken. Such precautions include:

1. Oakfield Grab sampling
2. Discarding Upper Zone of Soil Sample
3. Sampler Decontamination Procedures
4. Use of glass jars with Teflon seals
5. Immediate icing of samples
6. Short holding time
7. Immediate delivery to laboratory
8. Chain-of-Custody procedures

Each sample was subjected to a field screening test with a photoionization detector for the presence of volatile organic compounds (VOC). These samples were placed in a clean, airtight jar. The mouth of the jar was covered with aluminum foil, then secured with a crew-on teflon-lined lid. After equal holding time the headspace above each sample was scanned for VOCs with the detector by piercing the aluminum foil seal with the instrument probe, then observing the scale reading. See Appendix E Photoionization Detector Manual Excerpts.

Samples from each sampling round with the "highest" reading on the field instrument were sent to the laboratory for analysis. The laboratory used throughout this project was:

American Enviromental Laboratories Inc.
33 Industry Drive
Bedford, Ohio 44146

Phone No. (216) 786-1403

Each clearance sample was analyzed for a battery of chemical constituents to include:

1. TPH Total Petroleum Hydrocarbons (U.S. EPA Extraction Procedure 9071 and Analytical Method 418.1).

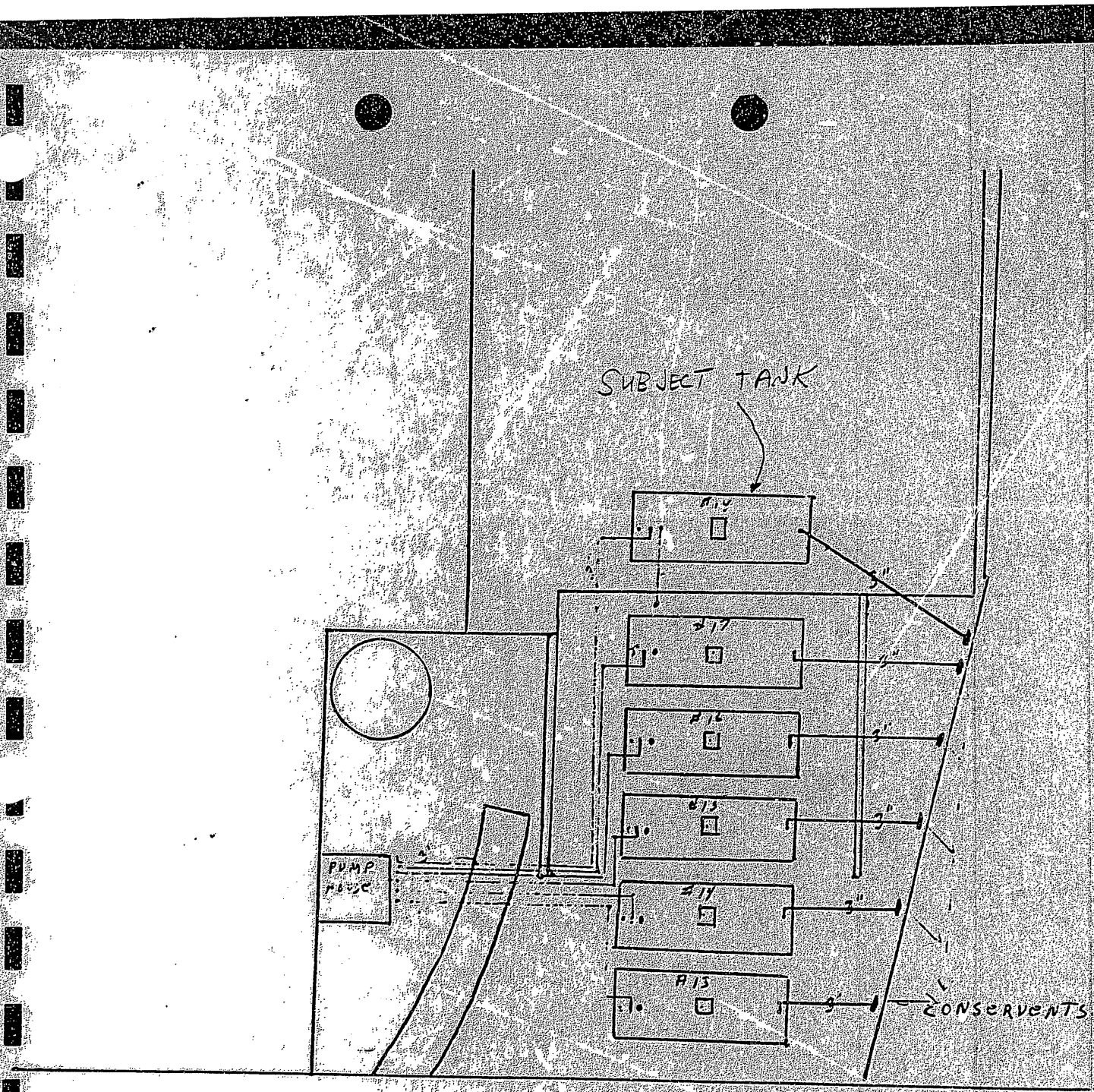
2. BTEX Benzene, Toluene, Ethylbenzene, Xylene (U.S. EPA Method 8260).

In addition to the clearance sampling, the photoionization detector was used to "clear" the excavation by random sampling. The photoionization detector was used as a remediation tool to help define areas to be excavated.

Table 4. Sampling of Tank Location

Sample Round 1 Taken On October 19, 1992

SAMPLE LOCATION	TPH mg/Kg	B ug/Kg	T ug/Kg	E ug/Kg	X ug/Kg
#1 East Bottom	3	<1.0	<1.0	11.0	8.5
#2 West Bottom	10	<1.0	<1.0	12.6	9.2

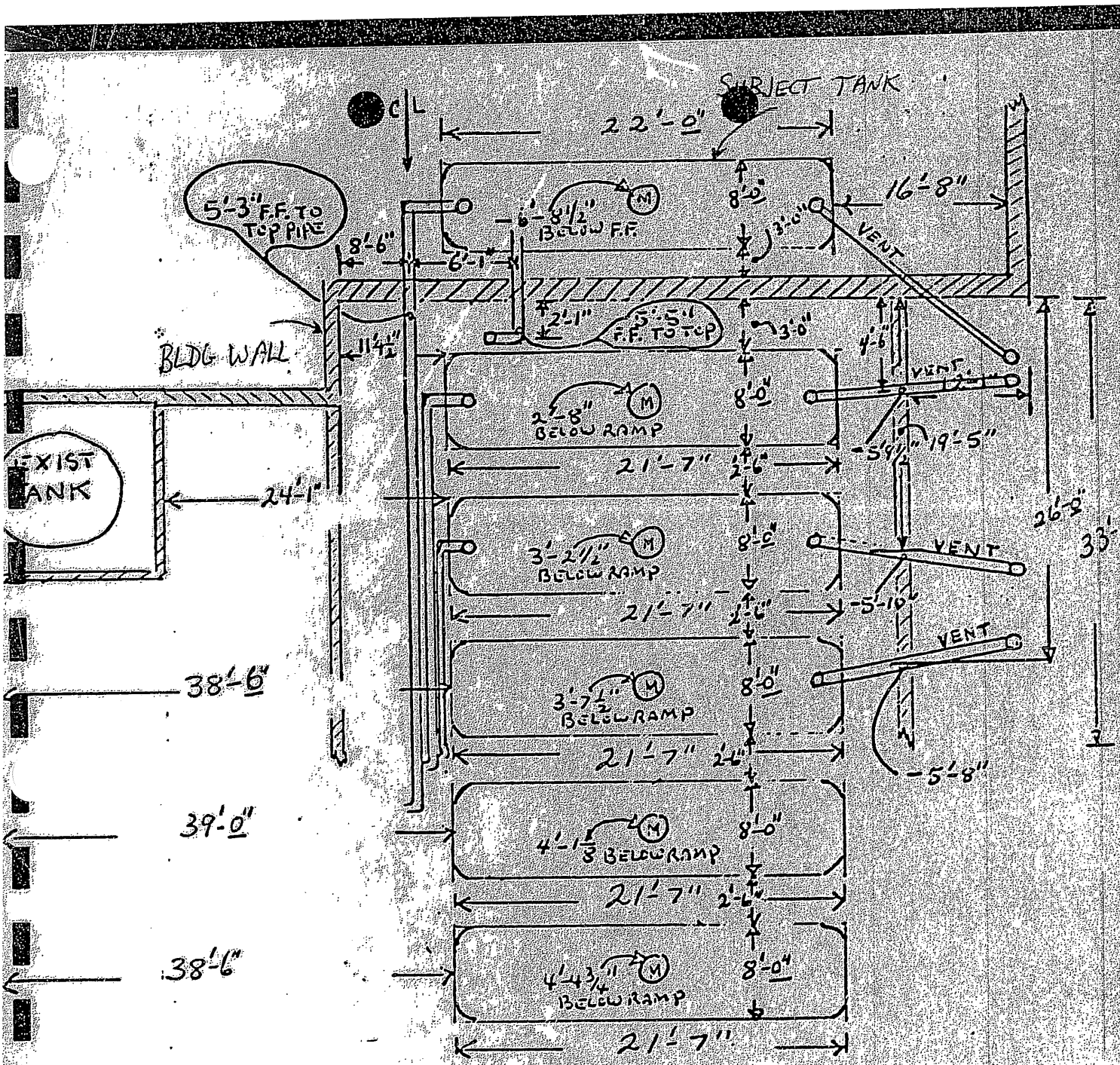


FILL PIPING + CAPS

SUCTION LINES

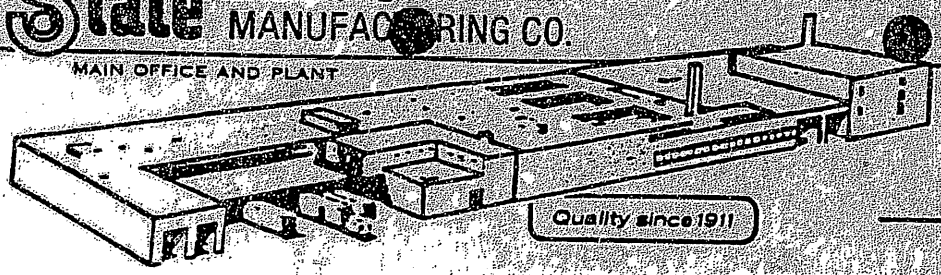
VENT PIPING

LIQUID LEVEL AIR LINES



(M) designates access manhole elev. or dim. at access, designates top of access below fin. conc. ramp - when

The State® CHEMICAL MANUFACTURING CO.
MAIN OFFICE AND PLANT
3100 HAMILTON AVENUE
CLEVELAND, OHIO 44114
TELEPHONE: (216) 861-7114



August 4, 1992

Mr. Terry Chambers, FGF
Inspector
Fire Prevention Bureau
1645 Superior Avenue East
Cleveland, OH 44114

Dear Mr. Chambers:

Per our conversation on July 28, 1992, I am writing for permission to slurry fill the underground storage tank located inside State Chemical's building at 3100 Hamilton Avenue, Cleveland, Ohio, 44114. This underground storage tank is being removed from service due to the unreasonable cost involved in accessing the vent lines for replacement.

The closure of this tank will be conducted according to EPA regulations by a registered contractor. I am looking forward to receiving a confirmation from you at the earliest convenient date.

Thank you very much.

Very truly yours,

Allen M. Platek
Manufacturing Manager

AMP/cm

c: Joe Sinsheimer
Tammy Westerman
Bill Barnett

City of Cleveland

MICHAEL R. WHITE, MAYOR

DIVISION OF FIRE
FIRE PREVENTION BUREAU

1645 SUPERIOR AVENUE • CLEVELAND, OHIO 44114
TELEPHONE (216) 664-6664
FAX (216) 664-6816

WALTER V. ZIMMERER
CHIEF

September 2, 1992

Mr. Allen M. Platek
State Chemical
3100 Hamilton Ave.
Cleve. OH 44114

RE: 3100 Hamilton Ave.
Tank Slurry

Dear Sir:

This letter is in response to your letter of August 4, 1992, regarding the abandonment in place of a storage tank.

Due to the location of the tank in your dock area, the Cleveland Fire Prevention Bureau has no objections to abandoning the tank in place. All state and local requirements apply.

If you have any questions, please call Inspector Chambers at 664-6664.

Sincerely,

Tom Root (ESM)

Captain Thomas Root
Fire Marshal

TR/pjp

cc: Insp. Chambers
file

An Equal Opportunity Employer

STATE FIRE MARSHAL
BUREAU OF UNDERGROUND STORAGE TANK REGULATIONS
INSPECTION SECTION
7510 EAST MAIN STREET
REYNOLDSBURG, OHIO 43068

ATTN: LYNN FRENCH

Dear Ms. French,

This letter is to inform you that on or about SEPTEMBER 01, 1992
Cardamone Construction & General Contracting Inc. will be ~~removing~~ ABANDON

(1) 8,000 GALLON TANK

_____ GALLON TANK

_____ GALLON TANK

TANK LOCATION: COMPANY NAME: STATE CHEMICAL

ADDRESS: 3100 HAMILTON AVE

CITY: CLEVELAND

COUNTY: CUYAHOGA

PROPERTY OWNER: NAME: STATE CHEMICAL

ADDRESS: 3100 HAMILTON AVE

CITY: CLEVELAND

STATE: OHIO ZIP: 44114

CONTACT PERSON: ALLEN PLATEK

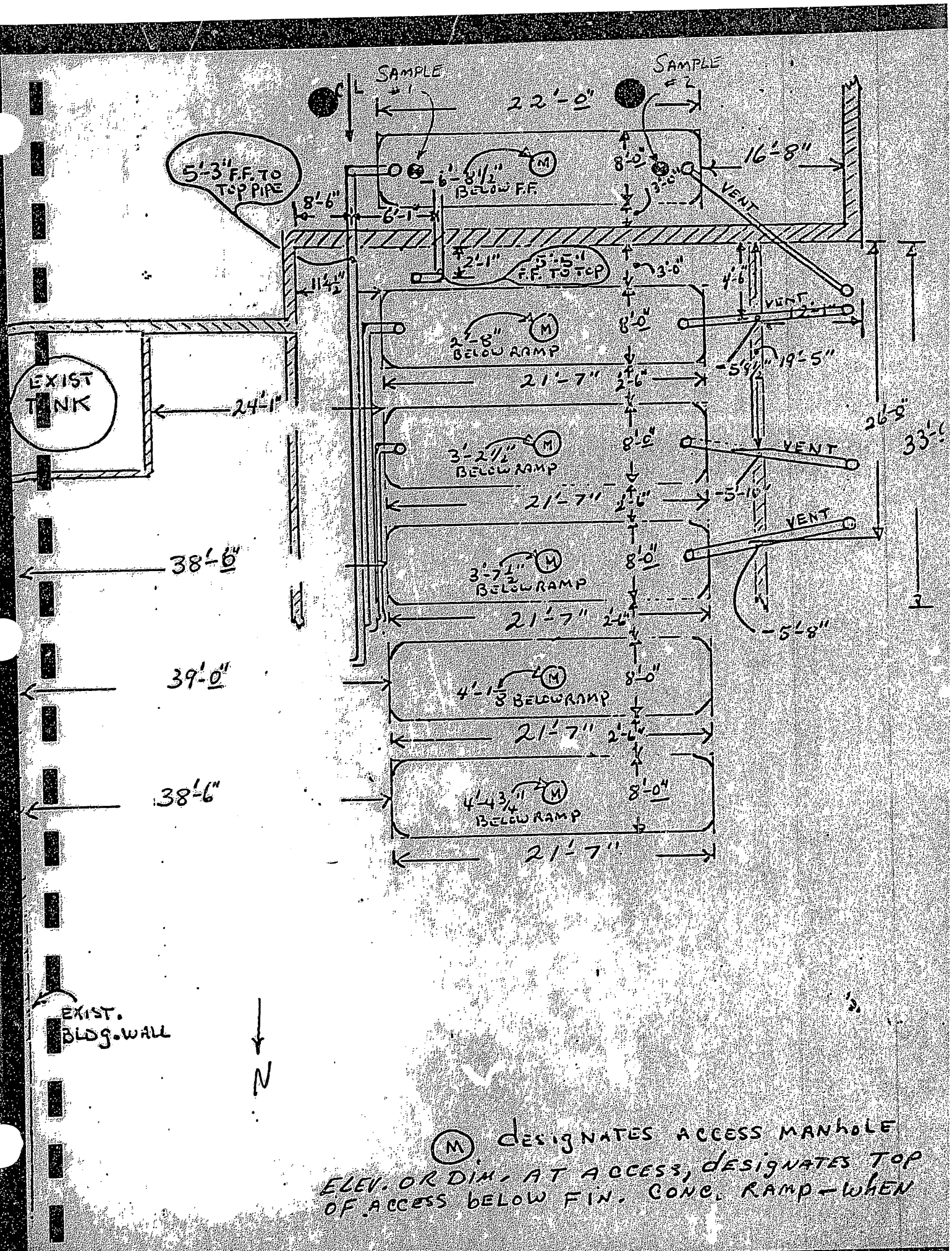
If any further information is needed, please contact our office.

Sincerely,

John S. Cardamone

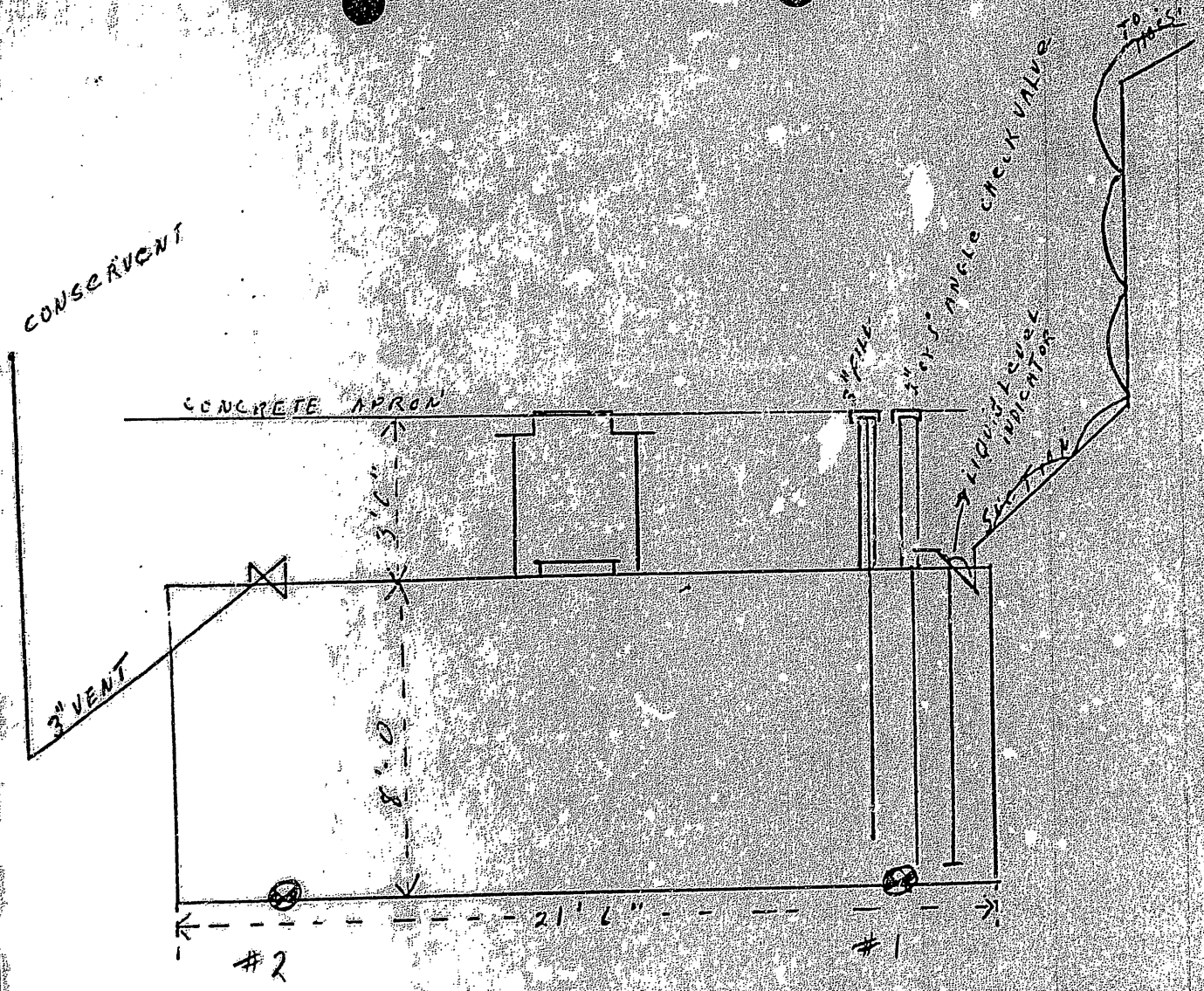
Cardamone
CONSTRUCTION INC.
4865
Chaincraft Road
Garfield Heights
Ohio 44125
216•581•1133
•800•686•2476

DATE: August 4 1992



(M) designates access manhole

ELEV. OR DIM. AT ACCESS, designates top of access below FIN. CONC. RAMP — WHEN


CONSERVENT
CONCRETE APRON
3" VENT
SIGHT
4" 45° ANGLE CHECK VALVE
LIQUID LEVEL INDICATOR
SUCTION
TO TANK
21' 6"
#2
#1

Ohio Department of Commerce

Division of State Fire Marshal
Bureau of Underground Storage Tank Regulations
8895 East Main Street P.O. Box 687
Reynoldsburg, OH 43068
(614) 752-7938 FAX (614) 752-7942

George V. Voinovich
Governor

Donna Owens
Director

May 23, 1996

ALLEN PLATEK
STATE CHEMICAL
3100 HAMILTON AVE
CLEVE_AND OH 44114

SITE: STATE CHEMICAL
MANUFACTURING COMPANY
3100 HAMILTON AVE
CLEVELAND OH
CUYAHOGA COUNTY
INCIDENT #1823171-00

RE: NO FURTHER ACTION STATUS REGARDING CLOSURE REQUIREMENTS

Dear Mr. Platek:

The Bureau of Underground Storage Tank Regulations (BUSTR) has reviewed all information submitted for this incident number. Based on this information, BUSTR requires no further action involving closure under Ohio Administrative Code rule 1301:7-9-12.

If you feel that you are entitled to reimbursement you should contact the Petroleum Underground Storage Tank Release Compensation Board (PUSTRCB) at P.O. Box 163188, Columbus, Ohio 43216, (614) 752-8963 or (800) 224-4659. PUSTRCB administers Ohio's assurance fund and is a separate entity apart from BUSTR.

Thank you for your cooperation. If you have any questions, please contact our office at (614) 752-7938.

Sincerely,

Kevin W. Hodnett
Corrective Action Supervisor

KWH:DT:dep

xc: Site File
Inspector Terry Chambers, Cleveland Fire Department
Carolyn Wallace, Cleveland City Health District

Site #57
Charles Martin

M 211-73

Spk - 138 Heads SR 1622 - 5-21-68 H.S. 23230 - 4-2-79

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY - DIVISION OF FIRE

FIRE PREVENTION BUREAU

Sprinkler 5-2

3424

BUILDING RECORD C.T. J. 3

STREET CROTON AVE. HOUSE No. APX. 3501 ~~-03~~ BLDG. NAME

STORIES 1 HT CONSTRUCTION BRICK 130 X 62 X 16 62 X 62 X 16

OCCUPANCY ~~Storage~~ Sand & Gravel

OWNER or AGENT ~~Alloy Castings~~ GREGORY-FLYNN ~ 361-0676 ADDRESS

FOR PARTICULARS SEE INSPECTIONS BY WARDENS OR COMPANIES UNDER DATES LISTED BELOW IN INSPECTION FILE No.

Enter All Fires In Chronological Order In Red Ink

Date	Inspector	Conditions Found	ABATEMENT ORDERED	ORDERS COMPLIED WITH	SUMMONS COURT	Closed
5-8-44	Sidlo	Lake Erie Metal Co Warehouse				O/S.
-20-46	Sidlo	Lake Erie Metal Co. Ordered oil cleaned up from floor also ropes				
-5-45	Sidlo	Violation abated				O/K
2-46	Plocica	Lake Erie metal Co				O/K
-20-47	#1927 at	3:58 PM Sparks from stovepipe loss $25.00				
-7-48	Libras	Ordered protection material under stove				
54	#6350 @	6:50 P.M. Def. Wiring	$200.00			
2-31-54	Gimbino	Investigated fire. Short upon in receptacle.				
4-8-55	#2396 @	3:26 P.M. Overheated motor				None
3/30/62	M. Parady	Vacant				
3/22/65	Gannon	ADP - Sprinklers				FILE
5/19/65	Grady	Ordered clearance to open				
5/28/65	Gates	Exit doors have been cleared of rubbish, parked & marked.				
7/23/65	Gannon	Re Ch void dated				
-30-66	Grady	Insp				
8-1-67	Parady.	Insp See Report.				FILE
3-25-68	Janke & Parady	SPRKRS PLANS by Grinell - 138 heads - 1 Siamese - 6" supply - VALVE PIT Bldg. owned by GREGORY-FLYNN 361-0676 - OCCUPANCY				
3-25-68	Parady	See report. same as above. 3-25-68				
7-8-68	Janke.	Insp. Gregory & Flynn Inc. (new occupant 2 Viols noted 9/10 issued See Report & sketch attached				FILE
7-9-68	Janke.	Re Insp: re: Cit don.				FILE
1-69	Buss.	Insp See Report				FILE
2-12-69	Parady	Insp W/Possible Ind Report				FILE
5-7	Klimek	Insp				FILE
1-20-71	Klimek	Complaint - (3501 croton) occupant of rear Property piling Combustibles against Bldg - new occupant advised to abate				

HOUSE No. APX. 3501-05 3424

OTHER FRONTAGE

STREET CROTON AVE.

E-7-9

STREET HOUSE No. BLDG. NAME

Date	Inspector	Conditions Found	Abatement Ordered	Orders Comp With	Summons Court	Closed
[illegible] 1-71	Klimer	Complaint - Tenants adjoining Bldg. premises on w/ End				
		+ Rear of property storing Combustibles against Bldg.				
		Contacted all 8 tenants + advised also informed				
		[illegible] that Prosecutor Will be advised on next complaint.				FILE
0-26-73	Gannon	Insp. V/O's given				
2-21-73	Gannon	Re Insp. Vio abated				
1-22-74	Gannon	Inventory. See Rpt				
4-8-76	Gannon	Site Insp Bldg permit m-47693 [illegible]				FILE
5/17/76	Gannon	Insp.				
6/4/76	Gannon	Permit # 47693 Bldg. addition - in progress				
5-21-76	GANNON	PARTIAL INSP				
8-27-76	Gannon	Partial Insp. - see report				
4-5-79	McCracken	Reinsp. See report				
5-20-79	McCracken	Weekly inspection				
7-7-81	McCRACKEN	INSP-				FILE
8-24-82	7	1 Vo				
9-23-82	7	REINSP 1 Vo ABATED 1 NOT				
84	Tome	Bldg Plans approval 1 Sty 4 y D.C Addition				
8-31-84	Benjamin	Site insp Construction in progress Permit #				107981 FILE
1/14/86	Chambers	Complete				
1/15/86	Stephens	Complete				FILE
~~[illegible]~~	~~[illegible]~~					
18,19,20/86	TF-7	Major Inspection No Vio's				
18,19,20/86	L-7	" " "				
5-14-87	Cavanagh	Insp - 1 viol				
10/25/88	CHAMBERS	Complete NO VIOS.				FILE
3 12 96	HAUSS	COMPLETE				

FILE

FORM 211-5

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY - DIVISION OF FIRE

FIRE PREVENTION BUREAU

BUILDING RECORD

C. T. _____

STREET Croton Ave. HOUSE No. 3429-3571 BLDG. NAME A. C. Lyndon Co

STORIES 1 CONSTRUCTION BRICK 50X50

OCCUPANCY [redacted] Co. Indust.

OWNER or AGENT ADDRESS

FOR PARTICULARS SEE INSPECTIONS BY WARDENS OR COMPANIES UNDER DATES LISTED BELOW IN INSPECTION FILE No. 4

Enter All Fires In Chronological Order In Red Ink

Date	Inspector	Conditions Found	ABATEMENT ORDERED	ORDERS COMPLIED WITH	SUMMONS COURT	Closed
9-12-40	Hennie	Waste Metals - O.K.				O.K.
6-4-46	Marangel	Lake Erie metal Co				O.K.
8-8-56	Jaworek	Inspected Air compressor Inc. Ds Fire Extinguishers recharged				
1-30-56	Jaworek	Extinguishers recharged Co. is moving to new location				
4-22-57	Zupancic	Request letter to Mr. Edward Acklin re spray painting, residue against Bldg across alley Refer to Air Pollution				
4-[illegible]-59	Letter	Sent to Mr Edward Acklin # 73-59 To Air Pollution # 259-59				FILE
8-22-59	Zupancic	No action for facilities for storing flammable liquids				
9/14/59	Zupancic	RE CH: No further action to date				
12-6-60	Zupancic	RE: Insp. Fire section now built for Spray Booth. No Sprk. protection No further action on other Viol's. Will contact Air Pollution				
5/20/63	Madden	Signed Bldg permit application with added alteration made by Capt. Zupancic 5/14/63				
11-25-63	Parady	Insp.				FILE
12/4/63	Parady	Discussed operation with Chief Ackland & Capt Zupancic				
7/9/64	Eng 18	Insp				
4/26/65	Parady	Conditions same				FILE
5/13/65	Parady	L Ch Clearance for Pardon				
12/7/65	E 18	Insp				
7/19/66	Gates	Insp See Report				FILE
8-31-67	Parady	Insp. see report				FILE
6-11-68	Parady	Wet sprinkler Test @ 200 PSI For Two Hours. No Leaks Noted				
1-[illegible]-73	Dawson	Signed appeals.				
1-28-73	Dawson	Insp. See report.				
9-9-77	Gannon	Insp. - 2 v/o's				FILE
3-14-79	McCracken	Insp - 4 viols.				FILE
4-2-79	McCracken	Reinsp: Viol. abated. See report.				

CROTON AVE

HOUSE No. 3429-3571

OTHER FRONTAGES

E. 7

OHIO INSPECTION BUREAU

COLUMBUS, OHIO

FILE NO. 42377
REPORT NO. A101,110
INSPECTED: Jun. 4, 1970

AS

Superseding All Previous Reports

CONFIDENTIAL
FOR MEMBERS AND SUBSCRIBERS AND THEIR AUTHORIZED EMPLOYEES ONLY

COMPLETE REPORT

GREGORY & FLYNN, INCORPORATED

CLEVELAND, OHIO. 3429-3501 Croton Avenue, S. E.

Sanborn, 1952. Volume 2. Page 71. Block 5. Plan herewith.

CLASS OF RISK: Electrical equipment warehouse.

OWNER: G. & F. Development Company.

OCCUPANT: Gregory & Flynn, Incorporated.

ACTIVITY: Normal. Single shift, five days a week.

* * * * * *

IMPORTANT CHANGES SINCE LAST SHORT REINSPECTION REPORT, AUGUST 22, 1969: A new communicating one-story noncombustible addition (60' x 62') has been erected on the auto parking site along Croton Avenue, S. E. The roof construction is fabricated steel and glass fiber blanket insulation beneath, all on unprotected steel supports. The new east wall is insulated steel panel and the south wall is 12 foot brick faced hollow concrete block with insulated steel panel above. Sprinklers are expected to be extended to the new warehouse addition. Gas-fired suspended unit heaters have been provided with deficient vent clearance through roof sections, moderate hazard.

SUMMARY

CONSTRUCTION: FAIR. 75% masonry (joisted) 25% noncombustible, 8" brick and 12" hollow tile and hollow concrete block brick-faced bearing walls and insulated metal panel. One-story, small basement. Single fire division. Floor openings - unprotected. Concealed spaces - minor. Interior finish - open except noncombustible acoustic office ceiling. Age - built 1920 and later. Repair - good.

HAZARDS: MODERATE. Usual, generally satisfactorily arranged.

EXPOSURE: MODERATE. From unsprinklered one-story masonry (joisted) waste paper warehouse detached 10 ft. west to unprotected openings.

PROTECTION -

Alarm Service: POOR. Outside water motor alarm on the sprinkler equipment.

Inside Manual: POOR. Inadequate quantity of hand extinguishers.

Outside: GOOD. Full City Third Class. Wall openings are accessible along the east and south walls. Remaining walls are inaccessible.

Sprinkler: GOOD. Covers 75% of risk. Main unsprinklered area is the new 1970 warehouse addition. A wet pipe system under inside control. GOOD single source water supply from connection to city main. System in service.

ADMINISTRATION: GOOD. Building maintenance, housekeeping and warehousing practices - good. Most stock are warehoused on three tier metal fixtures. Remainder will be skidded. No high stock piling. Waste material is removed from the property on a program basis. Smoking is restricted to specific areas. Sprinkler maintenance is satisfactory.

Recommendations are expected to receive attention.

Loss Record: No losses recorded in the past five year period.

HISTORY: The building has been acquired in 1968 by the present new owners. Considerable renovation and repairs have been completed for the new occupancy. The company is a well established local concern.

RECOMMENDATIONS

1. (1968) Complete central station supervisory service should be provided for the sprinkler equipment.

2. (1970) Extend sprinklers to the new 1970 warehouse addition.

3. (1970) Adequate vent clearances to combustible roof deck should be provided for the gas-fired unit heaters.

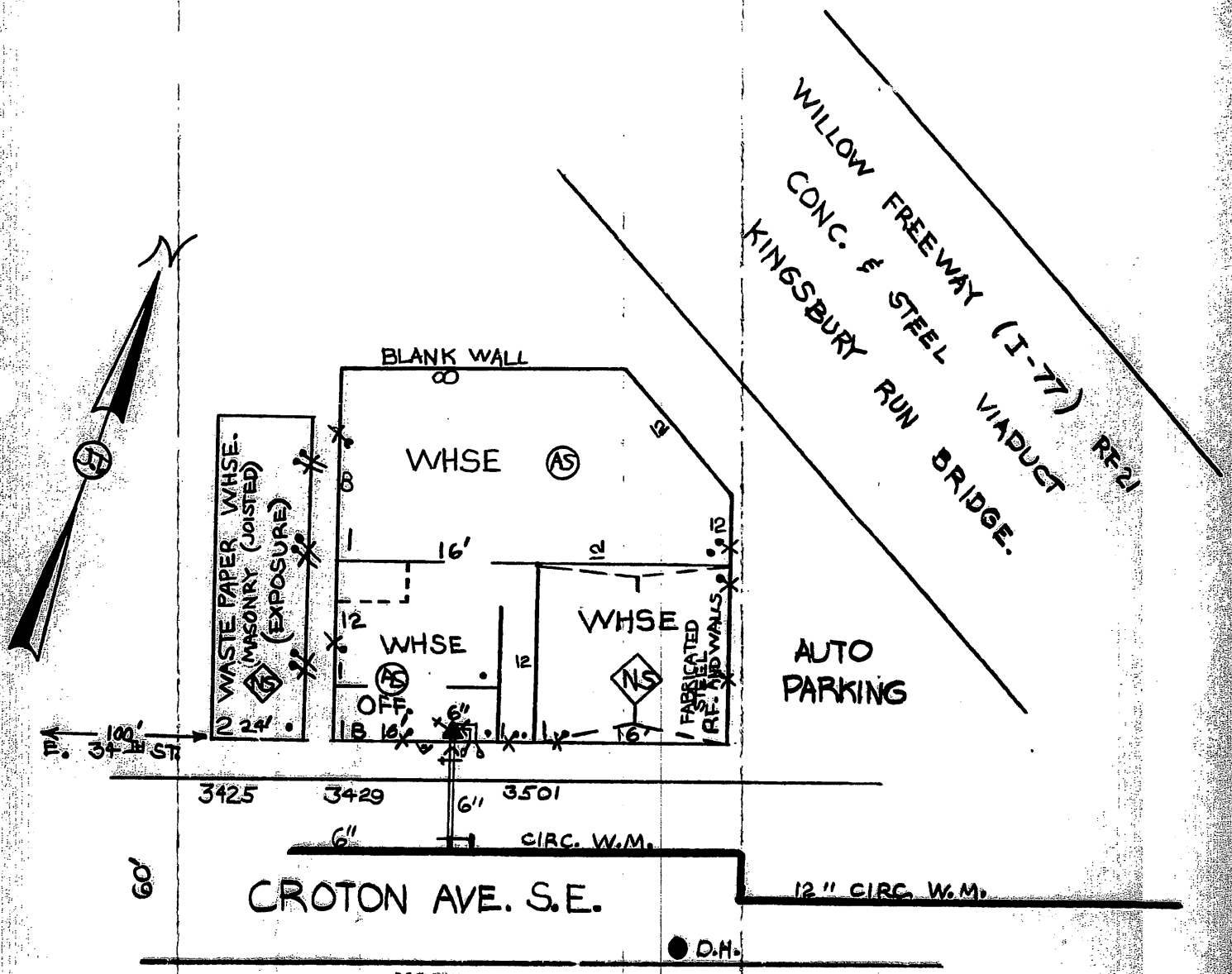
DM

S. A. Ott, Inspector

CONFIDENTIAL
For Members and Subscribers and
Their Authorized Employees Only
OHIO INSPECTION BUREAU

GREGORY & FLYNN, INC.
CLEVELAND, OHIO

JUNE 4, 1970 FILE NO. 42377
SCALE: 1"= 50' REPORT NO. A101, 110



NOTE: CONSTRUCTION CLASS -
75% Masonry (joisted) 25% noncombustible
Walls - Brick faced hollow tile & hollow concrete block & brick & insulated metal panel.
Floor - Concrete on ground except ordinary wood joist over basement.

C OFC 302-214

CITY OF CLEVELAND

INTER-OFFICE CORRESPONDENCE

To Battalion #2 *Date* 10/7/93

From Thomas Root, Captain
Acting Fire Marshal TR *Subject* Hazardous Condition
3450 Croton

MAX Pallet
3450 Croton
9 story, Type I construction

A recent inspection of the above location indicated the following conditions:

1. Storage and repair of wood pallets
2. Storage of used tires
3. Standpipe system O.O.S.
4. Sprinkler system O.O.S.
5. Pallet storage in a labyrinth
6. Exits not clearly marked or accessible
7. Poor lighting
8. Well ventilated from broken windows

The combustibles are on the first floor. The 8 floors above are open and have little or no fire load.

Max Pallet is owned by Mr. Thomas Dora. Mr. Dora operated a similar business on the same site at 3400 Croton that was destroyed by fire last year.

TR/pjp

cc: Edward Chessar, Acting Chief
John Link, Exec. Officer
Theodore Alex, A/C, Operations
ACO
file

Site #58
JF Sanson

Site #29
BP Gas Station

Site #33
State Industrial/Information Systems Building

Ohio Department of Commerce

Division of State Fire Marshal
Bureau of Underground Storage Tank Regulations
8895 E. Main St. • P.O. Box 687
Reynoldsburg, OH 43068-9009
(614) 752-7938 FAX (614) 752-7942
www.com.state.oh.us

Bob Taft
Governor

Doug White
Director

November 02, 2005

JOE TOMARO
STATE INDUSTRIAL PRODUCTS
3100 HAMILTON AVE
CLEVELAND, OH 44114

SITE: STATE INDUSTRIAL PRODUCTS
3100 HAMILTON AVE
CLEVELAND OH
CUYAHOGA COUNTY
RELEASE #18000501-N00003

RE: ADDITIONAL INFORMATION REQUESTED

Dear Mr. Tomaro:

The Bureau of Underground Storage Tank Regulations (BUSTR) has reviewed all information submitted for the referenced release. Based on our review, BUSTR requests the following:

1. The piping trench needs to be resampled and analyzed for the presences of total petroleum hydrocarbons (TPH) using test method 8015 DRO. In addition, because the detection limit for test method 8270 was elevated (9500 parts per billion (ppb)) during the re-sampling of the piping trench this additional soil sample should also be analyzed for the presence of poly-nuclear aromatic hydrocarbons. Detection limits for PNA's should be 1000 ppb or less.

Publications that may help you to understand the requirements for compliance with BUSTR's rules and regulations may be found on the Internet at www.com.state.oh.us *or* by calling our office.

Please submit this information to BUSTR within 60 days from the date of this letter.

Thank you for your cooperation. If you have any questions, please contact me at 614-752-7093.

Sincerely,

Charlie Zepp
Environmental Specialist

xc: Site File

CLOSURE ASSSESSMENT REVIEW FORM

Facility / Release #	18000501-N00003
Facility Name / Contact	STATE INDUSTRIAL PRODUCT
Permit #	CITY OF CLEVELAND #1140
FDID #	
Date Closure Report Received	October 13, 2005
Date Closure Performed	June 16, 1997

RULE
1992

Soil Classification	CLASS 1

YES	NO	N/A	SAMPLING
X			Samples split screen/lab
X			Container/equipment/preserved
X			Field screening readings
X			Field screening methods
X			Locations/numbers of samples
X			Excavation water information
			Laboratory
X			Correct samples submitted
X			Chain of Custody
X			Analyzed within holding times
X			Test methods/detection limits
X			Lab reports

YES	NO	N/A	REPORT
X			Owner, operator, facility info
X			Tank info
X			Closure form complete
X			UST contents disposal
X			UST waste water
X			UST system disposal
X			Site map of facility/area
X			Copy of permit
			PCS
X			PCS form
X			Correct number of samples
X			Acceptable disposal
Pile #1	Pile #2	Pile #3	
562			Volume in cubic yards
L=landfill			Disposition

L=landfill **T**=treatment by O/O
R=returned to excavation **S**=stockpiled

CAVITY #	TANK #	CAPACITY (gallons)	PRODUCT	MATERIAL	TANK	PIPE	DISPENSER
1	1	8,000	UNK	STEEL	R	R	NA
1	2	8,001	UNK	STEEL	R	R	NA
1	3	8,002	UNK	STEEL	R	R	NA
1	4	8,003	UNK	STEEL	R	R	NA
1	5	8,004	UNK	STEEL	R	R	NA

R=Removed CIU=Currently in Use A=Abandoned

	SAMPLE LOCATIONS					ACTION LEVELS - PPM			
	Piping Trench								
LABORATORY RESULTS (mg/kg)						sand/gravel	silty/clayey sand	clay/silt	water
BENZENE	0.002					0.15	0.24	0.91	0.005
TOLUENE	0.002					58.7	112	520	1
ETHYL BENZENE	0.002					71.1	131	230	0.7
XYLENE	0.002					1500	1500	1500	10
MTBE	NA					0.53	0.89	3.8	0.04
BENZO(A)ANTHRACENE	9.5					5.5	5.5	5.5	-
BENZO(a)PYRENE	9.5					0.55	0.55	0.55	0.0002
BENZO(b)FLUORANTHENE	9.5					5.5	5.5	5.5	-
BENZO(k)FLUORANTHENE	9.5					55	55	55	-
CHRYSENE	9.5					550	550	550	-
DIBENZ(a,h)ANTHRACENE	9.5					0.55	0.55	0.55	-
INDENO(1,2,3,-cd)PYRENE	9.5					5.5	5.5	5.5	-
NAPHTHALENE	9.5					1800	1800	1800	0.57
TPH (C10-C20)	- NEED TO RUN					2,000	10,000	20,000	-
~~TPH (C20-C34)~~						5,000	20,000	40,000	-
VOCS									

Status: ~~CON~~ DEF LTF: 1 Sensitive Area: NO

Reviewed By: Hollie Riedel Date: November 2, 2005

Ohio Department of Commerce

Division of State Fire Marshal
Bureau of Underground Storage Tank Regulations
8895 E. Main St. • P.O. Box 687
Reynoldsburg, OH 43068-9009
(614) 752-7938 FAX (614) 752-7942
www.com.state.oh.us

Bob Taft
Governor

Doug White
Director

October 14, 2005

JOE TOMARO
STATE INDUSTRIAL PRODUCTS
3100 HAMILTON AVE
CLEVELAND, OH 44114

SITE: STATE INDUSTRIAL PRODUCTS
3100 HAMILTON AVE
CLEVELAND OH
CUYAHOGA COUNTY
RELEASE #18000501-N00003

RE: ADDITIONAL INFORMATION REQUESTED

Dear Mr. Tomaro:

The Bureau of Underground Storage Tank Regulations (BUSTR) has reviewed all information submitted for the referenced release. Based on our review, BUSTR requests the following:

1. Analysis for BTEX volatiles must be completed within 14 days of when the sampling occurred. It will be necessary to resample the piping trench since holding times were exceeded.

Publications that may help you to understand the requirements for compliance with BUSTR's rules and regulations may be found on the Internet at www.com.state.oh.us *or* by calling our office.

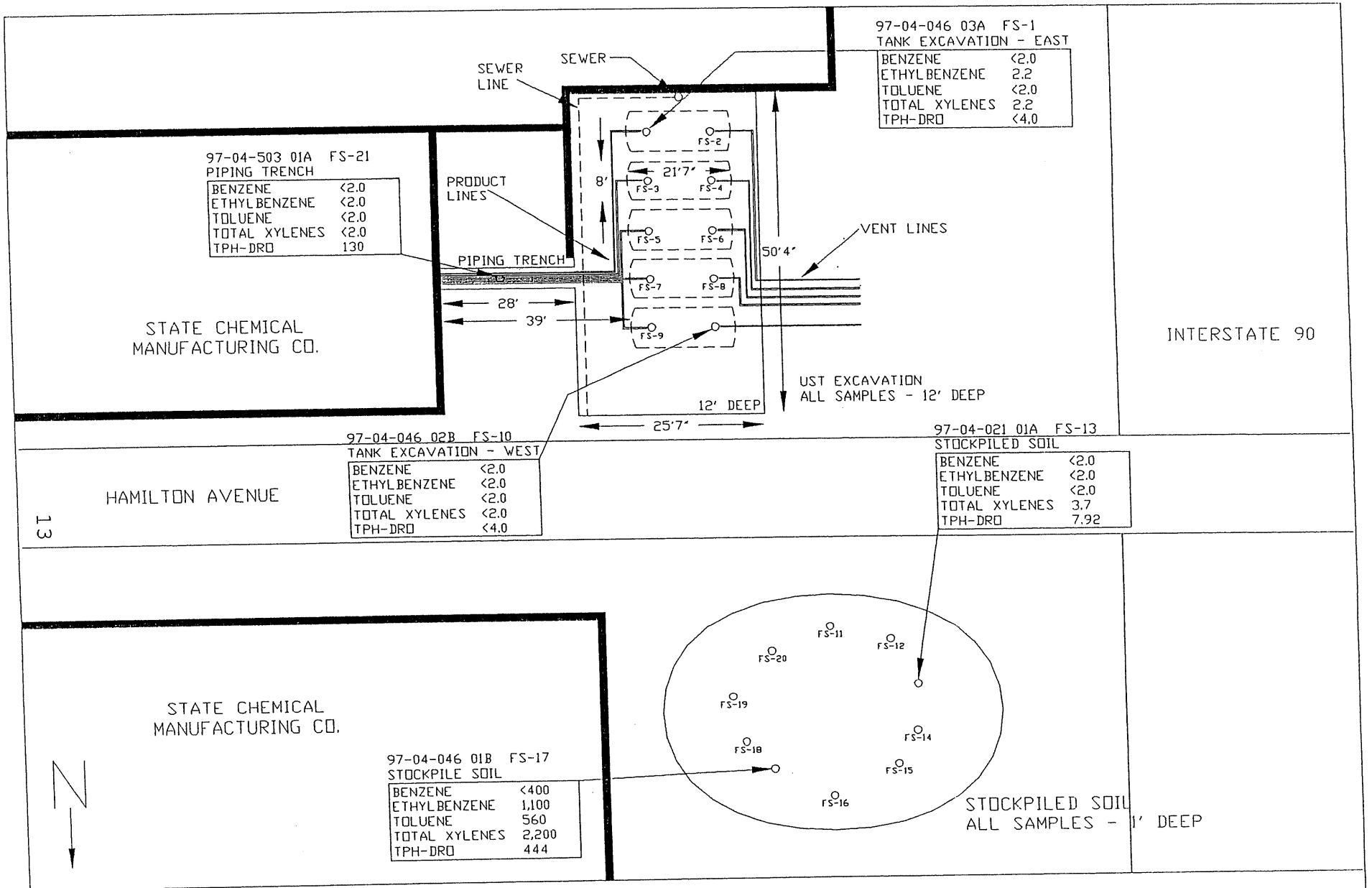
Please submit this information to BUSTR within 60 days from the date of this letter.

Thank you for your cooperation. If you have any questions, please contact me at 614-752-7093.

Sincerely,

Charlie Zepp
Environmental Specialist

xc: Site File

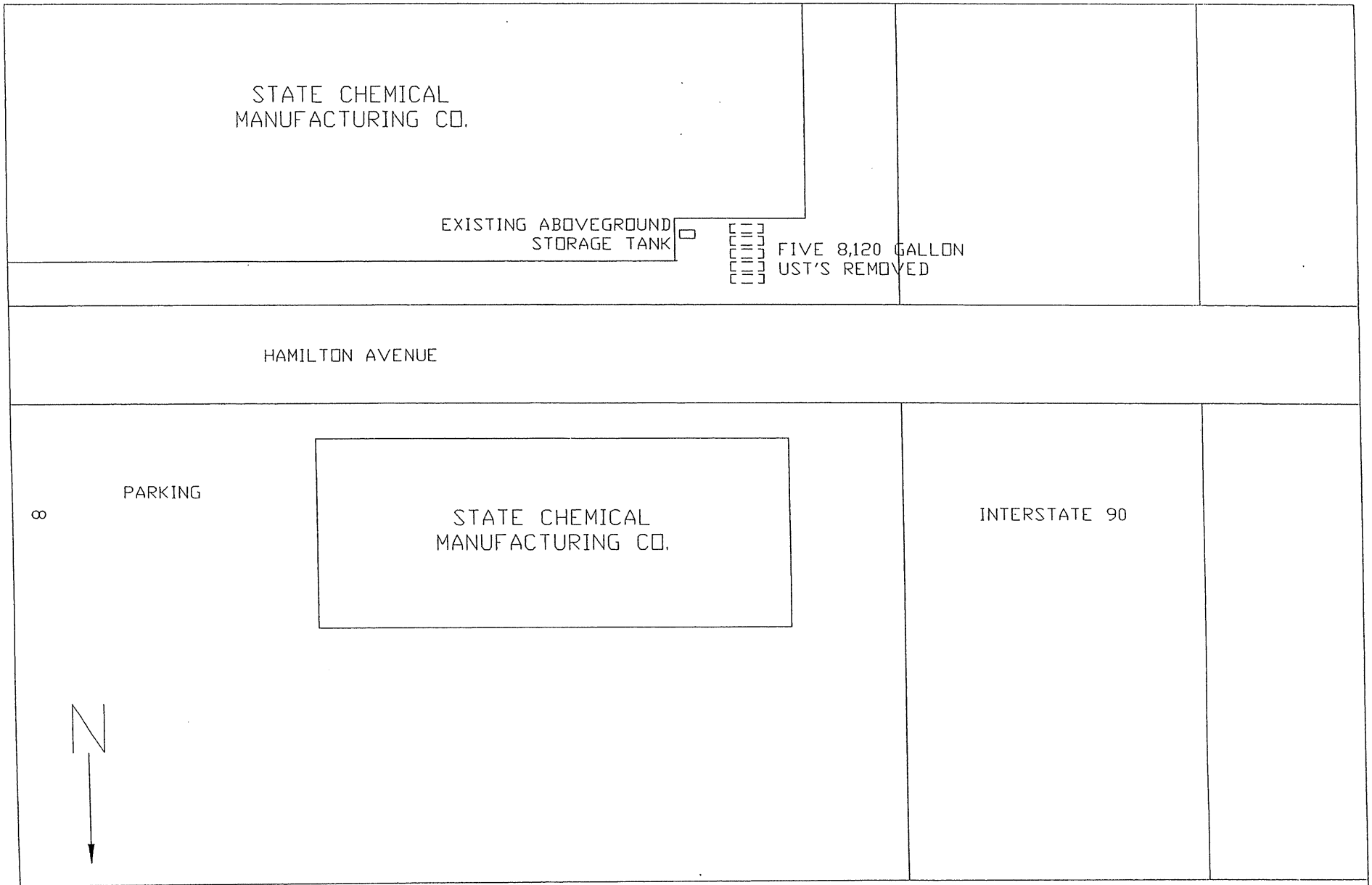


NOT TO SCALE

STATE INDUSTRIAL PRODUCTS
3100 HAMILTON AVENUE
CLEVELAND, OH
CUYAHOGA COUNTY

APRIL 03, 1997

FIGURE 2
DETAIL SITE MAP



NOT TO SCALE

STATE INDUSTRIAL PRODUCTS
3100 HAMILTON AVENUE
CLEVELAND, OH
CUYAHOGA COUNTY

APRIL 03, 1997

FIGURE 1
GENERAL SITE MAP

October 28, 2005

RECEIVED
2005 OCT 31 AM 10: 02
STATE FIRE MARSHAL

Bureau of Underground Storage Regulations
8895 East Main Street
P.O. Box 687
Reynoldsburg, OH 43068-9009

ATTN: Charlie Zepp

Subject: Request for Additional Information
State Industrial Products
Release #18000501-N00003

Dear Mr. Zepp:

SafeGuard Environmental, Inc. has drafted this response to your October 14, 2005, letter regarding the above-referenced release. In that letter, the Bureau of Underground Storage Tank Regulations (BUSTR) requested that State Industrial Products resample a former piping trench for benzene, toluene, ethylbenzene and xylenes (collectively known as BTEX) because "analysis for BTEX volatiles must be completed within 14 days of when the sampling occurred."

Great Lakes Response, Incorporated, removed the underground storage tank system, performed the closure sampling and also prepared the 1997 Closure Report. Great Lakes has since gone out of business, and efforts to locate former employees who might be familiar with the closure project were not successful. As a former employee of Woodward-Clyde Consultants, I provided some assistance to State Industrial Products and Great Lakes at the time of closure and witnessed aspects of the removal and site restoration.

Based upon my recent review of the Great Lakes report, I believe that the piping trench sample was, in fact, analyzed in a timely manner. The chain-of-custody form (attached) indicates that the sample identified as "Piping Trench" was collected on April 23, 1997, and was received by representatives of Electro-Analytical Group (EA Group) on April 29, 1997. The laboratory report (attached) shows that EA Group analyzed the sample on May 1, 1997, and reported the results on May 5, 1997. Review of the laboratory report indicates that the sample was analyzed eight days after collection and contained no detectable BTEX constituents

The BUSTR comment may relate to an apparent discrepancy on the chain-of-custody form. Mr. Russell Stewart, the Great Lakes representative who prepared the Closure Report, apparently signed the form on April 2, 1997, at 1:25 p.m., indicating that he was relinquishing custody of the sample. Clearly, it was not possible to relinquish custody of

SafeGuard Environmental
29699 North Hilltop
Chagrin Falls, OH 44022
Tel: 216.591.9893
Fax: 216.591.9893

a sample on April 2nd when that sample was not collected until April 23rd. It is my belief that Mr. Stewart completed and signed several chain-of-custody forms on April 2nd, as evidenced by the form for sample "Backfill "A"" (attached). This form was also signed on April 2, 1997, at 1:25 p.m.

I believe that Mr. Stewart used a form that was partially completed on April 2, 1997, to transfer a sample to the custody of EA Group on April 29, 1997. It is standard practice to prepare sample labels and partially complete paperwork prior to and during a sampling effort, although the chain-of-custody form should not be signed until samples are actually relinquished from custody. I confirmed with Mr. Mike Herbert, the EA Group Lab Manager, that the other two signatures on the Piping Trench sample chain-of-custody form are those of Mr. Mike Swerbinski, a former EA Group courier, and Mr. Mike Rosenow of EA Group. The discrepancy on the chain-of-custody form was not noted at the time of sample transfer.

The analysis of the sample from the piping trench identified no detectable BTEX or polynuclear aromatic hydrocarbon constituents; diesel range organics were detected at 130 mg/kg. Based on these results and those of the other closure samples, soils in the vicinity of the former UST system readily meet BUSTR Category 2 closure standards. As such, Safeguard Environmental requests that BUSTR issue a No-Further-Action Letter to State Industrial Products for this release incident.

Should you have any questions or require additional information, please contact me.

Sincerely,

David A. Shaper, P.E.
Project Engineer

cc: William Barnett – State Industrial Products

CROSS INDEX CARD

HAMILTON (STREET) 3100 (HOUSE No.)

SEE STATE CHEMICAL HAS (STREET) (HOUSE No.)

Been moved to the ARCHIVES SHELF - It was too large FOR THIS CABINET

ADDRESSES: 3039, 3041, 3100
3400 & 3610 HAMILTON

FILE

CITY OF CLEVELAND

BUILDING RECORD

DEPARTMENT OF PUBLIC SAFETY—DIVISION OF FIRE

FIRE PREVENTION BUREAU

STREET 3100 HAMILTON AVE. HOUSE No. 3100 BLDG. NAME

STORIES 1 & 3 CONSTRUCTION CLASS 3 HEAVY TIMBER

OCCUPANCY ~~LEFF ELECTRIC~~ Storage Slate Chemical

OWNER OR AGENT ADDRESS

FOR PARTICULARS SEE INSPECTIONS BY WARDENS OR COMPANIES UNDER DATE

LISTED BELOW IN INSPECTION FILE NO.

Enter All Fires In Chronological Order in Red Ink

Date	Inspector	Conditions Found	Closed
13/61	Lyons	Per request of Mr. Leff, made inspection of new site. Bldg. is now under renovation. Bldg. sprinklered, WET. ~~Request letter to Mr. Leff. Enclose all conveyor belt~~ openings, basement stairs. Mark sia. intake Wet.	
2/14/61	Letter	Sent to Mr S Leff 3100 Hamilton #59-61	
2/28/61	Lyons	All shute areas are sprinklered.	
3/1/61	Lyons	Complete abatement	
3/16/61	Lyons	" " Test sprinklers 3-21-61	
5/11/61	Lyons	Per request of Mr S Leff re Read-o-meter for the location of IBM machine	
5/18/61	Lyons	RECH last of IBM machines. Permit to be taken out for new construction	
1/11/63	Tome	Visit - Use of exit cards. - Abated	
4/3/63	Eng 6 #5214	Leff Electric Major Insp.	
7/2/63	#4518 @ 5:00 PM	Vagrants	
10/4/63	Tome	Leff Elect Co. Leesport	
10/9/63	Letter	Asst Chief Michels #165-63	
11/8/63	Tome	Removed Precharge	
2/28/64	Tome	Letter req. on abandoned gasoline tank ~~#165-63~~	165-64
4/10/64	Tome	Gas tank abandoned OK	FILE
6/21/64	TOME	Bldg is now vacant	
9/27/65	Madden	Examined plans for addition of 1 story warehouse. Plans to be revised to show complete separation from existing bldgs by rated fire doors + re-submitted	
6/65	Linn	approved plans for addition of 1 story warehouse, walls are to remain unbreached or if no class B fire doors are to be installed. Sprinkler plans are to be submitted at a latter date.	
12-6-66	Tome	Card Ok	FILE
1-18-66	TOME	APPROVED SPRINKLER PLANS (AUTOMATIC - WET - 1 RISER, 589 HEADS	
1-19-66	Tome	Sprinkler test OK	

OTHER FRONTAGE

HOUSE NO.

HAMILTON AVE.

3030 - 3100 - 3212

E-5

STREET HOUSE No. BLDG. NAME

Date	Inspector	Condition Found	Closed
7-18-67	Tome.	Insp. No work Permit for U.G.T's & Fl. Lig's which are noted. Issued permit applied for the change.	FILE
11-6-68	Tome.	Insp 2 Viols noted Spot abated.	
12/11/65	TOME	APPROVED PLANS FOR 4 (20) 165° AUTOMATIC SPRINKLER ADDITION TO EXISTING SYSTEM.	
12-23-68	Lynch	Re: Sprinkler Test. See Report	
8-7-69	Tome.	Fire Alert #15257 See Report.	
1-19-71	Tome.	Insp 2 Viols noted 1 Spot abated. 1 Viols still Noted	FILED
3-1-71	Tome	Re Insp. 2 Viols stated.	
5-17-71	Tome.	re: Proposed relocation of a A/G storage tank	FILE
1-18-72	Tome.	Insp. See Report on. 4 Viols noted +	FILE
3-1-72	Tome.	re: Information requested for the outside A/G. Storage of muriatic acid. See Report gave information	
8/25/72	TOME	Letter from Irving D. Robertson (Registered Architect) re: Removal of (2) U.G Tanks, 6 plans & permit application for automatic wet sprinkler system.	FILE
8-23-72	Tome	Required to approved Plans for a 1 + 2 Story addition	FILE
10-22-72	Tome.	See Report. re: Bldg. found	attached
10-27-72	Tome.	See Report. Bldg Permit. #19365	FILE
7-8-73.	Tome.	Reviewed the Plans. - auto wet. Sprinkler Sys. on new addition to the existing Bldg.	FILE
1-9-73	Tome.	Reviewed & approved Plans. See Report	FILE
2-21-73	Tome.	re: automatic Wet Sprinkler Test. Satisfactory	FILE
3-8-73	Tome.	Insp	FILE
3-20-73	Chase	Tanks abd now covers 3030 to 3212 Hamilton ave	
4-10-73	Letter	Rec'd from Chief Comm. re: Bldg Permit #19365	FILE
4-11-73	Tomey	re: Request for copy. Bldg Permit #19365	FILE
4-17-73	Letter	Sent to Chief Comm re: Bldg Permit. #19365	FILE
10-24-73	Tome.	re: a Proposed A/G or U/G. tank farm to be located in the yard @ the West End of	FILE
5-21-74.	Tome.	Insp Viols noted. Final notice	FILE
6-25-74	Chase	Bldg Permit Application approved	
9-20-74	Bruzzelli	Approved U/G Tank Install permit for 6-8000 gal tanks	FILE
9-25-74	Zellers	re: A/G. tanks. See Report	
9-26-74	Zellers	re: Conversation of Land & A/G. Tanks. See Report	
9-27-74	Zellers	Returned & approved letter & Permit for (6) A/G Propane Tanks.	

Artim[illegible] 4th 3030 - 3100 - 3212

TK 5594 - 4-18-86 TK 5598 - 4-18-86 HS 24498 4-15-86
TK 5595 - " " " TK 5599 " " " HS 24499 " " "
TK 5596 " " " TK 5600 " " " HS 24500 " " "
TK 5597 " " "

DATE	INSPECTOR	REMARKS
9-30-74	Kelly	Witnessed & approved setting & backfill of 3 - 6 [illegible] gal tanks
10-1-74	Kelly	Witnessed & approved A/G tank test - [illegible]
10-9-74	Tome	Witnessed a partial piping test of [illegible] FILE
10-14-74	Tome	witnessed Piping test - [illegible] FILE
10-30-74	Tome	Bldg Permit #34869 addition FILE
12-11-74	Tome	Witnessed Final Piping test of C/G Tanks, & [illegible] FILE
12/20/74	Tome	approved sprinkler addition plans - See report FILE
1/24/75	Tome	Witnessed test of 45 additions OK
1/23/75	Tome	" " " " unsatisfactory FILE
10/22/75	Tome	Insp. - V/O FILE
10/14/76	Tome	Insp. FILE
11-16-77	Tome	Insp.
12-30-77	Tome	Reviewed plans for addition to existing bldg.
1-4-78	Tome	Reviewed & approved plans for 1 sty type 2B addition to existing bldg FILE
4-26-78	Tome	Reviewed & approved plans for the rest of one auto spk FILE
5-24-78	Kay	Tank abatement FILE
9-28-78	Patfield	- Sprinkler test FILE
12-28-78	Hopkins	Insp (partial) bldg. addition FILE
11-21-79	Madison	Outside F.D. connection is leaking Insp FILE
7-24-80	Gripp	Insp
5-18-81	Tome	Plans Review
9-16-82	E-5	Insp. FILE
1-27-83	TOME	PLANS APPROVED
3-22-84	L-1	Assist. Insp. N/viol. N/abts.
4-11-84	E-1	Complete Insp. N/V N/abts
4-[illegible]-84	E-1	Complete Insp. N/V N/abts

DATE	INSPECTOR	REMARKS
7-23-85	Beres	Plans & Permit Approved for fire Protection Permit # 3915 Issued 7-23-85
8-26-85	Benjamin	Sprinkler Test
10-18-85	Kucharski	Complete 3 verbal Vio's
10/22/85	Zone	- Approved plans to erect a 1 sty type IIC bldg
10/30/85	Beres	Plans Review for fire protection
11-01-85	Kucharski	- Reinsp - 1 abatement FILE
11-15-85	Kucharski	Reinsp No charge
11-20-85	Scott	Partial/meeting FILE
11-21-85	Beres	Meeting re: Sprinkler plans
12-3-85	Kucharski	Reinsp 1 Vio - Send letter 1A FILE
12-6-85	Kucharski	- Notice of Violation letter sent
12/19/85	Zone	- plans approved on 2nd fl.
2/3/86	Akram	Partial Report to follow FILE
2/5/86	Akram	Complete Report to follow after Meeting
5/21/86	Zone	Meeting
6/12/86	Cummings	Plans Review & approved in the office to the owners floor official also FILE
6/17/86	Beres	Plans & Permit Approved Sprinkler plans # SK 4186 6-17-86
7/9/86	Akram	Reinsp 13 Vio's abated
8/6/86	Beres	Partial Insp. on first fl. Office - to Reinspect
8/13/86	Akram	BBS & BA Docket # A-155-86
9/3/86	Beres	Sprinkler Test Approved
9/15/86	Akram	Reinspection
10/30/86	Akram	Re insp
11/3/86	Akram	Re insp - Send letter 1-A See report
11/6/86	Akram	Letter sent re: violations
12/1/86	Akram	Reinsp 1 Vio abated FILE
1/8/87	Akram	Reinspection 3 Vio's abated FILE

HAMILTON AVE. 3030 - 3100

SK 4877 3-16-88

DATE	INSPECTOR	REMARKS	
			FILE
2-11-87		Final C of O	
2-27-87	Smith	Final C of O approved send letter &	
3/13/87	Keith	" " " " request P-726 - 6-16-86	
3/26/87	Smith	Ltr & cert	FILE
4/14/87		Rec'd. copy of C of O	
5/13/87	Akron	Re insp if abatement re report	
3/16/88	Benes	Permit approved for sprinkler system warehouse	#4877
3/23/88	Benes	Sprinkler test appvd in shipping & receiving area	
4-13-88	SARA	placed in file	
7/16/88	Benes	Plans & permit approved.	
7/18/88	Missig	Sprinkler test.	
8/23/88	Root	Plans Approved. See report	File
9/27/88	Benes	sprinkler test approved.	file
1/24/89		Rec'd state UST's.	
3/2/89	Benes	Sprinkler plans appvd	File
5/2/90	Raines	SARA	file
9-2-92	C Rhodes	letter sent	file
2-9-95	DAUGHERTY	MEETING - SEE REPORT	
6-6-95	Cook	plans review approved for spr. sys.	

FA#6562 3/7/91 51'7581 - [illegible]
K - 6497 - 6/30/92
KR - 0543 - 10-16-92
K # 2237 7/3/93

CITY OF CLEVELAND
DIVISION OF FIRE
FIRE PREVENTION BUREAU

Address	3100 HAMILTON	Inspection District	Census Tract
Property Name	Property Number	Structure No.	Fire Demand Zone
Responsibility Party	Address		Telephone
Parcel No.	Type of Construction II I TO 3 STY	Number of Stories	Ground Floor Area

STREET 3100 HAMILTON HOUSE NUMBER

FOR PARTICULARS SEE INSPECTIONS BY INSPECTORS OR COMPANIES UNDER DATES LISTED BELOW. ENTER ALL FIRES IN CHRONOLOGICAL ORDER IN RED INK.

DATE	INSPECTOR	REMARKS
8-28-27-30-90	E-13	MAJOR
6-28-91	KEITH	1/ANS REVIEW SEE REPORT FILE
7/11/91	Keith	plans Review - see report File
8/2/91	Benes	plans approved
8-7-91	BENES	PERMIT APPROVED FILE
9/3/91	Benes	Sprinkler test approved see report file
1-29-92	Chambers	Pipe test, see report file
8-21-92	Chambers	Partial Insp. see report file
11-3-92	GRACE	SITE - G / 8,000 GAL 4/a SLURRY FILE
3-31-93	Dwyer	F/A Test approved file
1-12-95	DAUGHERTY	BLDG PLANS DISAPPROVED SEE REPORT E
7-17-95	Rilly	Rend ltr # 6 -
6/28/95	COOK	HYDRO. PIPING TEST: APPROVED
4/2/97	Chambers	Tank Removal - See report File
8/17/98	CLEVELANDS	PARTIAL - SPRINKLER SURVEY - SEE REPORT File

12/-17

FOR MEMBERS AND SUBSCRIBERS AND THEIR AUTHORIZED EMPLOYEES ONLY

FILE NO. 12429
REPORT NO. A100,581
(Formerly Suspended)
MARCH 2, 1961

CONFIDENTIAL

OHIO INSPECTION BUREAU

COLUMBUS, OHIO

AS

COMPLETE REPORT
(Re-establishing Report Service and
Superseding Previous Reports)

THE H. LEFF ELECTRIC COMPANY

CLEVELAND, OHIO. 3100-3132 Hamilton Avenue, N.E.

Sanborn. Volume 1. Page 46. Block 2. Plan herewith.

CLASS OF RISK: Wholesale distributor of electrical supplies and small electrical appliances.

OWNER & OCCUPANT: The H. Leff Electric Company.

ACTIVITY: Not fully established.

* * * * * *

NOTE: Re-establishing report service. Report Service suspended while insurance of previous owner and occupant was carried by companies not using the services of the Bureau.

CONDITION OF FIRE APPLIANCES: Sprinkler equipment in service.

SUMMARY

A GOOD 83% brick and 17% noncombustible risk of class. MODERATE exposure. GOOD outside protection. GOOD sprinkler protection covering the Main Building representing 83% of the total floor area.

AMOUNT SUBJECT: Total. Entire risk subject to one fire.

HISTORY: This concern recently purchased this property for its operations and the company is a well established local concern. It formerly occupied an unsprinklered building at 2341 Payne Avenue, N.E. in this city. A fire, occurred at that location on February 1, 1961, at about 8:20 P.M. which resulted in a severe loss.

ADMINISTRATION: Good building maintenance. Good warehousing and housekeeping practices. Smoking restricted to specific areas. Good sprinkler maintenance expected.

FILE

Permit No. 2027

CITY OF CLEVELAND
DEPARTMENT OF PUBLIC SAFETY
DIVISION OF FIRE

Fee $ 5.00
$
$
$
Total $ 5.00

Application For Permit to Install Storage Tanks for Hazardous Substances

Cleveland, Ohio ~~4-10~~ 10-11 1961

To the Chief of the Division of Fire:

I, Carl C. Jones (owner) (agent) hereby make application for a permit to install Storage Tanks, for Hazardous Substances, as described below and shown on the accompanying drawing.

LOCATION AND DESCRIPTION OF TANK (S)

Address State Chemical 3030 Hamilton Ave

Dimension and Capacity 5' x 9'6

Specifications: ASME ___, API ___, ICC ___, UL ___, Other ___

Size of vent 1½ , Cap 1500 Fill Pipe ___ Gauge of Tank Material 3/8

Distance from Lot line 40' between tanks — from street line 50'

Distance from Buildings on Premises 4' Use of Tank Acid Storage

ABOVE GRADE: Protection ___ Dike (s) Yes

Type pump (s): Dispensing unit Gravity; Remote ___ Safety devices ___

Valves required: Relief ___ Excess flow ___ Shut off ✓ Other ✓

UNDERGROUND: Depth of Fill: 2½' - 3' - 4' Type of ground cover ___ Est. costs 1000.00

Installed by Pressure Vessels Address 2516 W-3rd Tel. TO1-0134

Owner Pressure Vessel Serv. Address 2516 W-3rd Tel. TO1-0134

Remarks Vent into water - on [illegible]
Dead man shut off Valve - Install [illegible]

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained, and to comply with all ordinances of the City of Cleveland, the laws of the State of Ohio, and all the rules and regulations of the State Fire Marshal, the Chief of the Division of Fire and the Board of Building (Standards and Building) Appeals, relating to the storing of Hazardous Substances.

Applicant [signature]

Company [illegible]

(over)

To the Chief of the Division of Fire:

I hereby certify that I have examined the data furnished by the applicant and the same is approved / disapproved.

ZONING MAP: _____ Sh _____ ZONING: Use ____ Area _____ Height _____ Sub lot _____

Signed _____
DIVISION of BUILDING

SITUATION PLAN

Show all lot, building and street lines, giving distances and direction.

Stepan Chemical 8030 Hamilton Ave

The above application for Permit to install tank(s).

_____ Chief

DIVISION of FIRE

Per _____

FILE

V018

CITY OF CLEVELAND
DEPARTMENT OF PUBLIC SAFETY
DIVISION OF FIRE

Permit No. 225

Fee $ 3.00
$
$
$
Total $

Application For Permit to Install Storage Tanks for Hazardous Substances

Cleveland, Ohio 6-14 1962

To the Chief of the Division of Fire:

I, CABY TRANSPORTATION CO (owner) (agent) hereby make application for a permit to install Storage Tanks, for Hazardous Substances, as described below and shown on the accompanying drawing.

LOCATION AND DESCRIPTION OF TANK (S)

Address 3212 HAMILTON AV

Dimension and Capacity 550 GAL 48" X 6' STEEL

Specifications: ASME ____, API ____, ICC __, UL ✓, Other ____

Size of vent 1 1/2, Cap ____ Fill Pipe 2" Gauge of Tank Material 1/2

Distance from Lot line 30' between tanks 10 from street line 30'

Distance from Buildings on Premises 3' Use of Tank DRAIN OIL

ABOVE GRADE: Protection ____ Dike (s) ____

Type pump (s): Dispensing unit ____; Remote ____ Safety devices ____

Valves required: Relief __ Excess flow __ Shut off __ Other ____

UNDERGROUND: Depth of Fill: 2½' - 3' (A) Type of ground cover ____ Est. costs $250

Installed by UNION OIL CO Address 265 JEFFERSON AV Tel. PR-1-4340

Owner CABY TRANS. CO Address 3212 ST CLAIR AV Tel. SU-1-3124

Remarks ____

Removed 10-17-70 Capt Jones

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained, and to comply with all ordinances of the City of Cleveland, the laws of the State of Ohio, and all the rules and regulations of the State Fire Marshal, the Chief of the Division of Fire and the Board of Building (Standards and Building) Appeals, relating to the storing of Hazardous Substances.

Applicant [signature]

Company [illegible]

(over)

To the Chief of the Division of Fire:

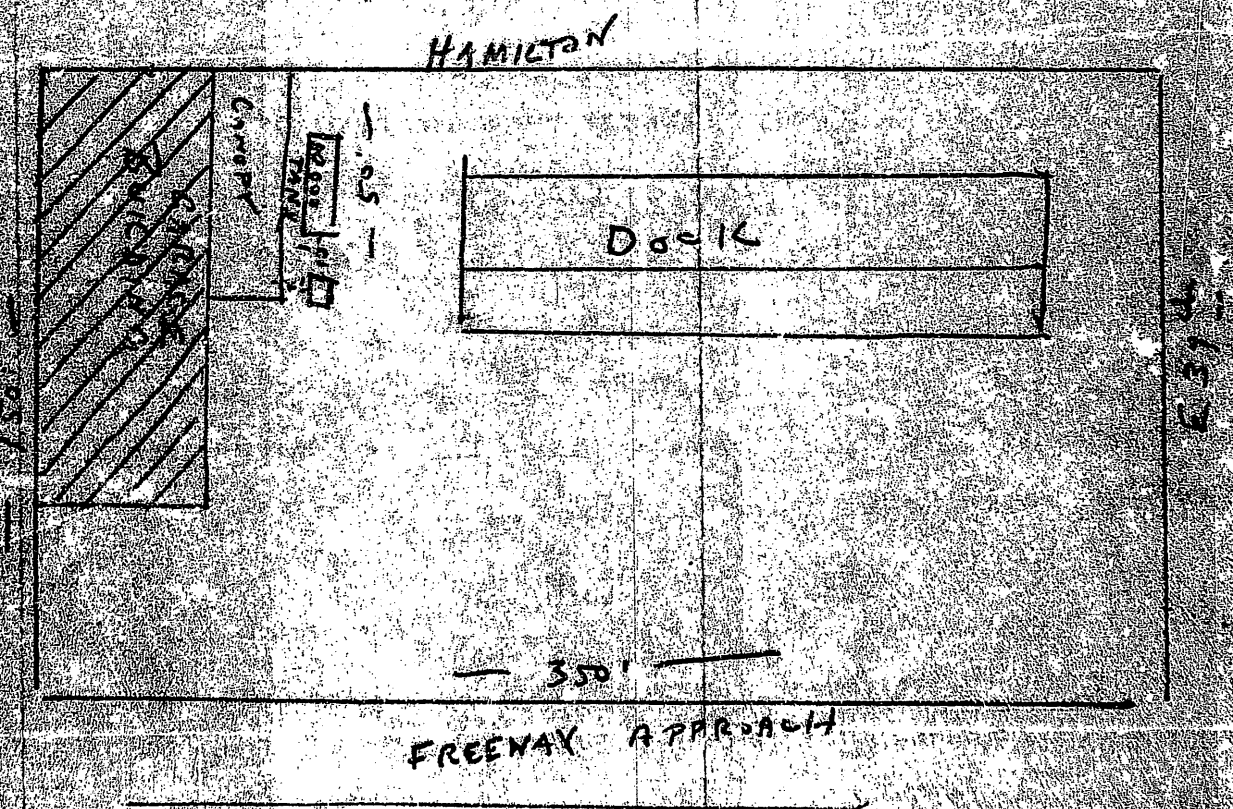
I hereby certify that I have examined the date furnished by the applicant and the same is approved disapproved.

ZONIN3 MAP: _____ Sh _____ ZONING: Use ____ Area _____ Height _____ Sub lot _____

Signed _____
DIVISION of BUILDING

SITUATION PLAN

Show all lot, building and street lines, giving distances and direction.



I hereby approve disapprove the above application for Permit to install tank(s).

_____ Chief
DIVISION of FIRE

Per _____

165-64

March 4 , 1964

Mr. Phillip B. Leff,President
C/O Leff Electric Co.
1163 East 40 St.
Cleveland Ohio 44114

Dear Sir: Re: 3100 Hamilton Ave

A recent inspection made at the subject location by Lt. John Tome of this Bureau, revealed the following violation of the Cleveland Municipal Code and the method forcorrecting it:

1. Properly abondon an underground gasoleme storage tank which is located in the front of the metal "Quonset Hut" type building.

Abondonment shall be in conformity with the National Board of Fire Underwriters Pamphlet No.30. Either remove the tank from the premises or fill the tank with inert material. This work shall be done in the presence of an inspector from this office, and shall be completed by April 5, 1964. Please notify this office at least 24 hours in advance so that an inspector may be present.

If there are any questions, please contact Lt. John Tome at Ma.1-1230.

Very truly yours

John E. Schlund , Chief
Fire Prevention Bureau

JES/ml

Total Fee $ 12.00

CITY OF CLEVELAND
Department of Public Safety
Division of Fire

Permit # 2650

Date of Application 6-12-61

APPLICATION to INSTALL 1 **TANKS for ALL SUBSTANCES, other than water, above ground** ___ **underground** ✓ **inside** ___ **outside** ___ **other** ___

3212 Hamilton Ave (LOCATION) — Chas Thacker (OCCUPANT)

Tank spec's ASME ___ API ___ ICC ___ UL ✓ Other ___

PUMPS: type ___ submerged ___ inline ___ remote ___. Valves req'd; ___ relief ___ excess flow ___ impact ___ internal check ___ other ___ swing line ___

UNDERGROUND: Depth of fill cover (circle) 1½'; 2'; 2½'; 3' 4'. Type of fill cover; ___ Sand bed & fill, 6"; 12".
ABOVE GROUND: Dikes (state dimensions, capacity & material) ___

Grounding arrangement: ___ support protection: ___

Tank(s) cap. 2000 size 12x64" gauge 12. Vent size 1¼, ___, arrestor req. ___ fill size 2 Fee $ 12.00
normal emrg.
Distances to, lot line 75' street line 4' between tanks 2' building 10'. Contents Gasoline type ___ ident. ___

Tank(s) cap. ___ size ___ gauge ___. Vent size ___, ___, arrestor req. ___ fill size ___ Fee $ ___
normal emrg.
Distances to, lot line ___ street line ___ between tanks ___ building ___. Contents ___ type ___ ident. ___

Tank(s) cap. ___ size ___ gauge ___. Vent size ___, ___, arrestor req. ___ fill size ___ Fee $ ___
normal emrg.
Distances to, lot line ___ street line ___ between tanks ___ building ___. Contents ___ type ___ ident. ___

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained and to comply with all the ordinances of the City of Cleveland, the laws of the State of Ohio and all the rules and regulations of the State Fire Marshall, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, relating to the Storage of hazardous Substances.

Applicant [signature] SIGNATURE Chief ___ Zoning: Map ___ Sh 4 -

per ___ FIRE PREVENTION BUREAU Use Semi Ind.

Installed by Orion Oil Co. Tel: TR-1-4802 Approved by ___ DIVISION OF BUILDING

26 Jefferson

Remarks ___

NOTE: If disapproved, draw line through signature space.

COFC79-2M

SITE plan on reverse side.

Total Fee $ 12.00

CITY OF CLEVELAND
Department of Public Safety
Division of Fire

Permit # *2650

Date of Application 6-10-6[illegible]

APPLICATION to INSTALL 1 TANKS for ALL SUBSTANCES, other than water, above ground ___ underground ✓ inside ___ outside ___ other ___

3212 Hamilton Ave (LOCATION) (OCCUPANT) Cast Tank spec's AS IE ___ API ___ ICC ___ UL ✓ Other ___

PUMPS: type ___ submerged ___ inline ✓ remote ___. Valves req'd; ___ relief ___ excess flow ___ impact ___ internal check ___ other ___ swing line ___

UNDERGROUND: Depth of fill cover (circle) 1½'; 2'; 2½'; 3'; 4' Type of fill cover; ___ Sand bed & fill, 6"; 12".
ABOVE GROUND: Dikes (state dimensions, capacity & material) ___

Grounding arrangement: ___ support protection: ___

Tank(s) cap. 2000 size 12x64" gauge 12. Vent size 1¼, ___, arrestor req. ___ fill size 2 Fee $ 12.00
normal emrg. type ___

Distances to, lot line 75' street line 4' between tanks 2' building 100'. Contents Gasoline ident. ___

Tank(s) cap. ___ size ___ gauge ___. Vent size ___, ___, arrestor req. ___ fill size ___ Fee $ ___
normal emrg. type ___

Distance to, lot line ___ street line ___ between tanks ___ building ___. Contents ___ ident. ___

Tank(s) cap. ___ size ___ gauge ___. Vent size ___, ___, arrestor req. ___ fill size ___ Fee $ ___
normal emrg. type ___

Distances to, lot line ___ street line ___ between tanks ___ building ___. Contents ___ ident. ___

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained and to comply with all the ordinances of the City of Cleveland, the laws of the State of Ohio and all the rules and regulations of the State Fire Marshall, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, relating to the Storage of hazardous Substances.

Applicant [signature] SIGNATURE Chief ___ Zoning: Map ___ Sh 4 -

per ___ FIRE PREVENTION BUREAU Use Semi Ind.

Installed by Union Oil Co Tel: FR-1-7500 Approved by [signature] DIVISION OF BUILDING

26- Jefferson

Remarks ___

NOTE: If disapproved, draw line through signature space.

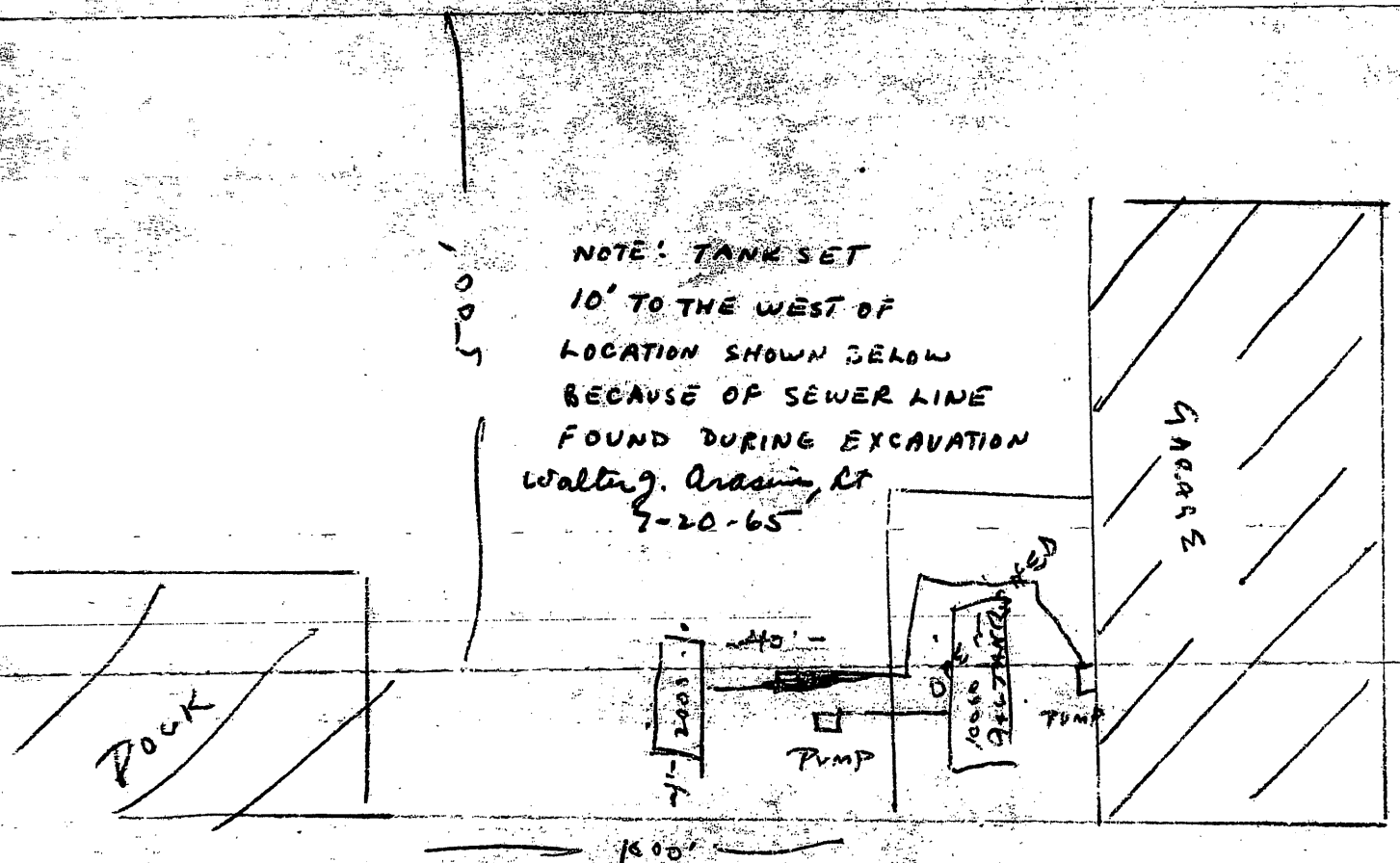
SITE plan on reverse side.

COFC73-2B

SITUATION PLAN

****

Show all lot, building, other storage above or below grade, street lines and distances.



321 2 HAMILTON

CTO 65 BN 1

FOR MEMBERS AND SUBSCRIBERS AND THEIR AUTHORIZED EMPLOYEES ONLY

FILE NO. 12429
REPORT NO. A100,581
OCTOBER 28, 1965

CONFIDENTIAL

OHIO INSPECTION BUREAU

COLUMBUS, OHIO

AS

SHORT-REINSPECTION REPORT
(Superseding Previous Short-Reinspection Report)

ZUCKER BUILDING COMPANY
(Formerly The H. Leff Electric Company)

CLEVELAND, OHIO. 3100-3132 Hamilton Avenue, N.E.

Sanborn 1952. Volume 1. Page 46. Block 2. Plan with Complete Report.

CLASS OF RISK: Warehousing soap products.

ACTIVITY: Normal.

* * * * * *

CHANGES SINCE LAST SHORT-REINSPECTION REPORT - JANUARY 28, 1965: The brick building has undergone considerable alterations for occupancy of the State Chemical Mfg. Co. for janitor and laundry supply stocks and soap, sweeping and cleaning compound manufacturing. There is minor warehousing of soap powders, drum stock of oils and break-down cartons, satisfactory. Front sections of the building (5000 sq. ft.) is to be converted for offices.

Albert E. Silberman, Inc. has vacated and the unsprinklered noncombustible building has been razed. A new one-story office is to be erected in this area.

Central station supervision discontinued from the sprinkler equipment.

OTHER CHANGES SINCE LAST COMPLETE REPORT - MARCH 2, 1961: The H. Leff Electric Company has vacated the risk. Property sold to the Zucker Building Co. Adequate heat is maintained for the building.

CONDITION OF FIRE APPLIANCES: Sprinkler equipment in service. No first aid fire appliances on hand. No sprinkler alarms.

ADMINISTRATION: Good building maintenance. Fair housekeeping. Good sprinkler maintenance.

CD

A. Urbanick, Inspector

CT-G5
FPB

FOR MEMBERS AND SUBSCRIBERS AND THEIR AUTHORIZED EMPLOYEES ONLY

FILE NO. 12429
REPORT NO. A100,581
SEPTEMBER 27, 1966

CONFIDENTIAL

OHIO INSPECTION BUREAU

COLUMBUS, OHIO

SPECIAL REPORT
(Suspending Report Service)

AS

ZUCKER BUILDING COMPANY

CLEVELAND, OHIO. 3100-3132 Hamilton Avenue, N.E.

Sanborn 1952. Volume 1. Page 46. Block 2. Plan with Complete Report.

CLASS OF RISK: Warehousing soap products.

ACTIVITY: Normal.

* * * * * * *

SUSPENDING REPORT SERVICE

The entire building has undergone considerable alterations for the existing occupancy of the State Chemical Mfg. Co. A new one story noncombustible warehouse building (3106) has been erected and communicates with the one and three story manufacturing buildings (3030-3040). Sprinkler protection has been extended to all areas.

Insurance covering the entire property (3030-3132) is now written under the Superior Plan. Reports will not be published by this Bureau while this situation prevails and service is suspended.

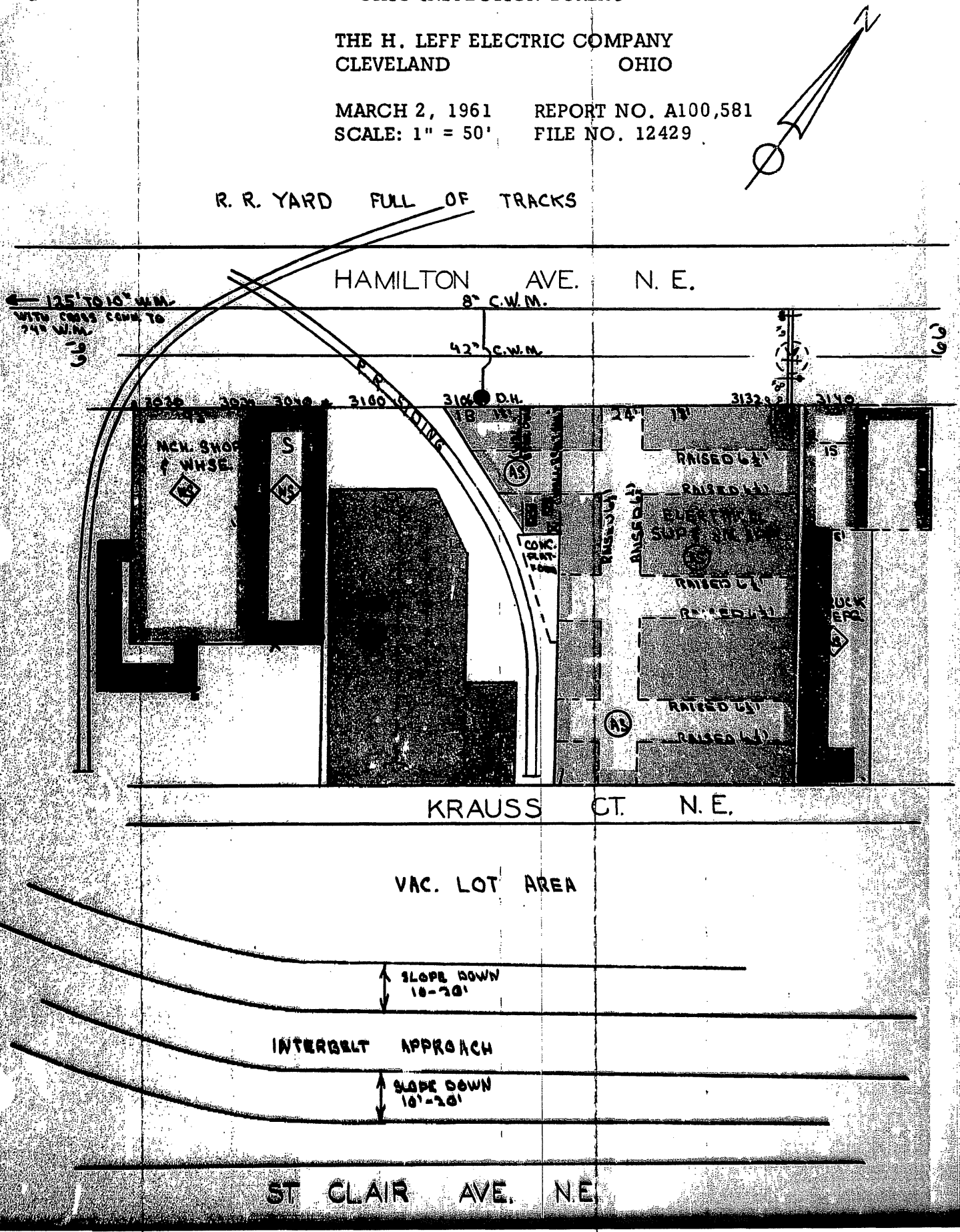
CD

S. A. Ott, Inspector

CONFIDENTIAL
For Members and Subscribers and
Their Authorized Employees Only
OHIO INSPECTION BUREAU

THE H. LEFF ELECTRIC COMPANY
CLEVELAND OHIO

MARCH 2, 1961 REPORT NO. A100,581
SCALE: 1" = 50' FILE NO. 12429



C of C 73-225

CITY OF CLEVELAND
DEPARTMENT OF PUBLIC SAFETY
DIVISION OF FIRE

Permit No. 20636 Fee $ 2.00 Date 7-17 19 62

Expiration Date _____ 19 ___

Permit Application
For the Storing, Handling, Sales or Use of Hazardous Substances

Elmer M. Cain, Chief
Division of Fire

Applicant STATE CHEMICAL CO.

Location 3100 HAMILTON AVE
(NUMBER AND STREET)

Building Height 45' Stories 3 Area: L 175' W 280' Construction 1-2-3-4 A-B-C

Occupancy MIXED Other occupancy _____

Use Application for each No. Item.

List Kind and Quantity of Substance.

1. Calcium Carbide _____
2. Corrosive Liquids 1500 GALS - MURIATIC ACID
3. Flammable Liquids: _____
   Class 1 _____
   Class 2 _____
   Class 3 _____
4. Fume Hazard Gases _____
5. Moisture Hazards _____
6. Nitrocellulose Film _____
7. Pyroxlin Plastic _____
8. Tire Ret'g. & Rebldg. _____
9. Refinishing with Highly Flammable Liquids, i.e., bowling alleys, other assemblies _____
10. Dip tanks _____ Spray Booths _____ Spray Rooms _____
11. Unfired Pressure Vessels: L.P. ___ H. ___ O. ___ Acetylene ___ Other _____
12. Other Substances _____

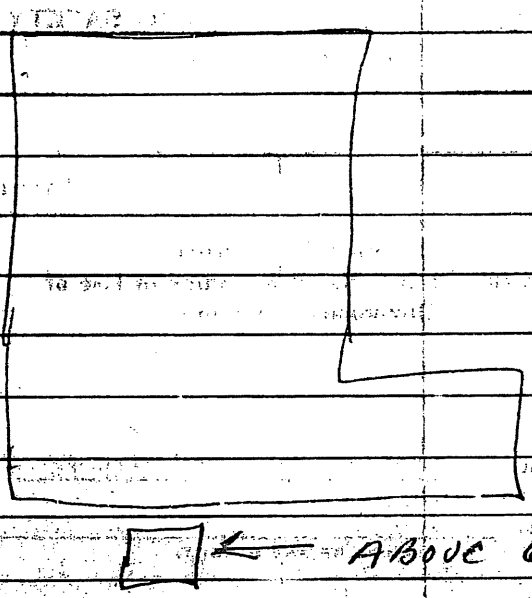
STORAGE

Cabinets _____ Floor _____ Tanks _____ Vaults _____ Shelves _____

Bulk Containers _____ Dispensing _____

Use _____ Sales _____

REMARKS N



The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained, and to comply with all ordinances of the City of Cleveland, the laws of the State of Ohio, and all the rules and regulations of the State Fire Marshal, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, Relating to the storing, Handling, Sales, Transportation and use of Hazardous Substances.

Applicant Charles Bucher (NAME) Plant Supt (TITLE)

(Approved) (Disapproved) by Lt. John Tone FPB (INSPECTOR)

Date

Reasons for disapproval

PROPERTY OWNERS PERMISSION

Cleveland, Ohio _____ 19 ____

The owner of the premises described in the foregoing application hereby grants the leesee or agent permission to store the above mentioned Hazardous Substances at this location.

Owner

Address

Witness

C OF C 79-204A

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY

DIVISION OF FIRE

FIRE PREVENTION BUREAU

July 18 1967

SIR:

Violation — No use permit for the following:

(21) 55 gallons containers of Isopropanol Anhydrous,
(17) " " " " Butyl Cellosolve,
(8) " " " " Methanol,
(16) " " " " Carbital Solvent,
(5) " " " " S-271 (Cleaning Fluid),
(3) " " " " Quater Sol,
(2) " " " " Cellosolve Solvent,
(1) " " " " Isopropyl Ether,
(1) " " " " Anhydral Solvent,
(1) " " " " Mineral Spirits,
(1) 5 " container " Acetone,
(1) " " " " Methyl-Ethyl-Ketone,
(1) " " " " D.C. Naptha.
1500 gallons of Muriatic Acid.
(5) 20 lb Propane cylinders.

Issued permit applications on the above.

Inspector: Lt. Tone #3

FILE

Total Fee $ 10 [illegible]

CITY OF CLEVELAND
Department of Public Safety
Division of Fire

Permit No. *2650

Date of Application 6-10-6[illegible]

APPLICATION to INSTALL 1 TANKS for ALL SUBSTANCES, other than water, above ground ___ underground ✓ inside ___ outside ✓ other ___

3212 Hamilton Ave (LOCATION) East Tuscarawas (OCCUPANT) Tank spec's ASME ___ API ___ ICC ___ UL ✓ Other ___

PUMPS: type Suction submerged ___ inline ✓ remote ___. Valves req'd; ___ relief ___ excess flow ___ impact ___ internal check ___ other ___ swing line ___

UNDERGROUND: Depth of fill cover (circle) 1½'; 2'; 2½'; 3' 4' Type of fill cover; Ground Sand bed & fill 6"; 12".

ABOVE GROUND: Dikes (state dimensions, capacity & material) ___

Grounding arrangement: ___ support protection: ___

Tank(s) cap. 2000 size 12x64" gauge 7. Vent size 1½, arrestor req. Yes fill size 3 Fee $ 10 [illegible]
normal emrg. type ___

Distances to, lot line 75' street line 4' between tanks 20' building 20' Contents G IN 2 ident. ___

Tank(s) cap. ___ size ___ gauge ___. Vent size ___, ___, arrestor req. ___ fill size ___ Fee $ ___
normal emrg. type ___

Distances to, lot line ___ street line ___ between tanks ___ building ___ Contents ___ ident. ___

Tank(s) cap. ___ size ___ gauge ___. Vent size ___, ___, arrestor req. ___ fill size ___ Fee $ ___
normal emrg. type ___

Distances to, lot line ___ street line ___ between tanks ___ building ___. Contents ___ ident. ___

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained and to comply with all the ordinances of the City of Cleveland, the laws of the State of Ohio and all the rules and regulations of the State Fire Marshall, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, relating to the Storage of hazardous Substances.

Applicant [signature] SIGNATURE Chief [signature]

per FIRE PREVENTION BUREAU Zoning: Map ___ Sh ___ Use ___

Installed by Union Oil Co Tel: FR-1-4302

266 Jefferson

Remarks Removed 4th tank 10-21-72

Approved by DIVISION OF BUILDING

NOTE: If disapproved, draw line through signature space.

SITE plan on [illegible]e side.

FILE

Total Fee $ 10/00

CITY OF CLEVELAND
Department of Public Safety
Division of Fire

Permit # 2650

Date of Application 6-10-65

APPLICATION to INSTALL 1 TANKS for ALL SUBSTANCES, other than water, above ground ___ underground ✓ inside ___ outside ✓ other ___

3212 HAMILTON AVE (LOCATION) CAST TRANSPORTATION (OCCUPANT) Tank spec's ASME ___ API ___ ICC ___ UL ✓ Other ___

PUMPS: type Suction submerged ___ inline ✓ remote ___. Valves req'd; ___ relief ___ excess flow ___ impact ___ internal check ___ other ___ swing line ___

UNDERGROUND: Depth of fill cover (circle) 1½'; 2'; 2½'; ~~3'~~ (4') Type of fill cover; Ground Sand bed & fill 6"; (12").

ABOVE GROUND: Dikes (state dimensions, capacity & material) ___

Grounding arrangement: ___ support protection: ___

1 Tank(s) cap. 2000 size 12'X6'4" gauge 7. Vent size 1½, ___, arrester req. Yes fill size 3" Fee $ 10/00
normal emrg.

Distances to, lot line 75' street line 4' between tanks 20' building 20' Contents G 1N3 type ___ ident. ___

___ Tank(s) cap. ___ size ___ gauge ___. Vent size ___, ___, arrestor req. ___ fill size ___ Fee $ ___
normal emrg.

Distances to, lot line ___ street line ___ between tanks ___ building ___ Contents ___ type ___ ident. ___

___ Tank(s) cap. ___ size ___ gauge ___. Vent size ___, ___, arrestor req. ___ fill size ___ Fee $ ___
normal emrg.

Distances to, lot line ___ street line ___ between tanks ___ building ___. Contents ___ type ___ ident. ___

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained and to comply with all the ordinances of the City of Cleveland, the laws of the State of Ohio and all the rules and regulations of the State Fire Marshall, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, relating to the Storage of hazardous Substances.

Applicant M T Kendall SIGNATURE Chief William E Barry per FIRE PREVENTION BUREAU

Zoning: Map ___ Sh ___ – Use ___

Approved by ___ DIVISION OF BUILDING

Installed by Orion Oil Co Tel: FR-1-4302

266 Jefferson

NOTE: If disapproved, draw line through signature space.

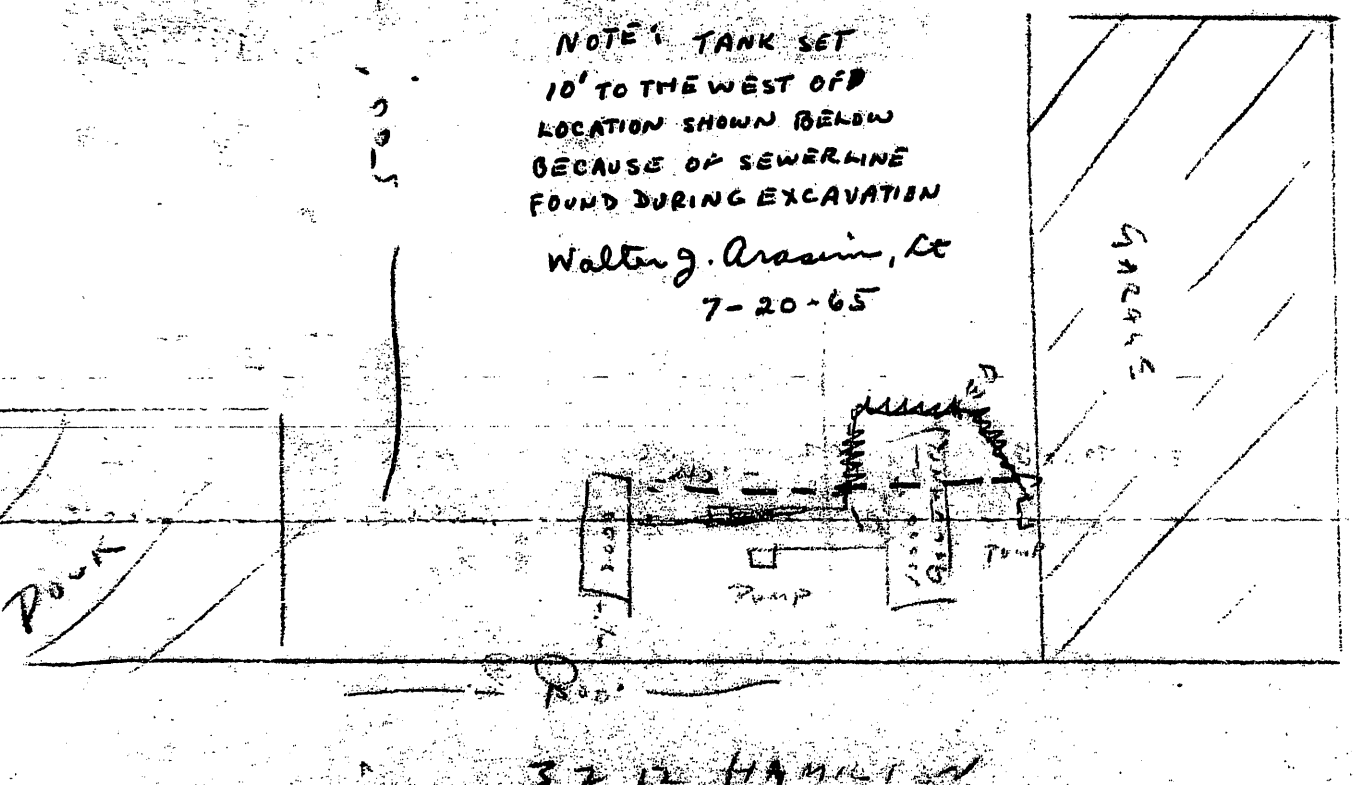
Remarks Removed 1 gal tank 10-21-72

SITE plan on reverse side.

SITUATION PLAN

****

Show all lot, building, other storage above or below grade, street lines and distances.



3-20-73

~~HS. 20693 7-16-67~~
~~TK 2125 6-14-62~~ Void
~~TK 2650 6-10-65~~

3200-3212 Hamilton Avenue

C.A.B.Y. Transport Co.

2/28/64	Lt. Tome	Inspected.
6/10/65	Victer.	Approved appl. to install 1-2000 U/G tank for gasoline by Union Oil Co. Position of pump location to be determined.
7/19/65	Arasim	A/G test. Old sewer line unearthed. Refused to do test.
7/20/65	Arasim	A/G test. 2,000 gal. O.K. Permit #2650.
7/21/65	Arasim	Test of piping. O.K.
7/18/67	Tome	Insp. Viol. No use permit for U.P.V.s. Issued permit applic. for the above. File
11/7/68	Tome	Insp. File.
1/13/70	Tome	Insp.Verbal orders fire extinguishers. See report. File.
1/20/71	Tome	Insp. File.
1/18/72	Tome	Insp. File.
10/27/72	Tome	Tanks removed.

10-27-72 This Bldg is now part of State Chemical Co using address 3101 Hamilton Ave

CITY OF CLEVELAND

FILE

DEPARTMENT OF PUBLIC SAFETY
DIVISION OF FIRE
FIRE PREVENTION BUREAU

May 24, 1978

3100 Hamilton Ave.
State Chemical Mfg.

Subject: Tank Abandonment

I witnessed a tank abandonment at subject address. Darrel Ferner foreman for A.C. Siegler & Son ~~[illegible]~~ was in charge of filling abandoned, approximately a 2,000 U/G tank with sand & water sludge mixture.

Vent pipe was removed and tank is properly abandoned.

Inspector: Lt. L. Karge, 3rd

COP C 73- 20[illegible] A F.P.B. 8/10/67 [illegible]

C of C 73-225

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY

DIVISION OF FIRE

Permit No. 24500 Fee $ 5.00 Date April 15 1986

Expiration Date 4-16 1987

Permit Application
For the Storing, Handling, Sales or Use of
Hazardous Substances

JAMES J. McNAMEE, Chief
Division of Fire

Applicant State Chemical Manufacturing Company

Location 3100 Hamilton Avenue
(NUMBER AND STREET)

Building Height _____ Stories 3 Area: ___ L ___ W _____ Construction 1-2-3-4 A-B-C

Occupancy Sole Occupant is State Chemical Other occupancy _____

One Application for each No. Item. List Kind and Quantity of Substance.

1. Calcium Carbide _____
2. Corrosive Liquids X
3. Flammable Liquids: _____
   Class 1 _____
   Class 2 _____
   Class 3 _____
4. Fume Hazard Gases _____
5. Moisture Hazards _____
6. Nitrocellulose Film _____
7. Pyroxlin Plastic _____
8. Tire Re'g. & Rebldg. _____
9. Refinishing with Highly Flammable Liquids, i.e., bowling alleys, other assemblies _____
10. Dip tanks _____ Spray Booths _____ Spray Rooms _____
11. Unfired Pressure Vessels: L.P. ___ H. ___ O. ___ Acetylene ___ Other _____
12. Other Substances _____

STORAGE

Cabinets _____ Floor X Tanks hydrochloric acid Vaults _____ Shelves _____

Sealed Containers drum storage Dispensing in manufacturing area of building

Use in manufacture of cleaning products Sales _____

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY

DIVISION OF FIRE

FIRE PREVENTION BUREAU

FILE Sept 25 1974

3100 Hamilton
State Chemical.

Re. A/G Tank(s) Test and the scheduled setting of 1 of 6 - 8000 gal tanks

Approved. 5 psi a/g Test of 3 U.L. Labled Steel Tanks soaped fitting and weld joints.

G-7732664
G-7736666
G-7736659.

Re. Setting - Installation permit application drawing indicates that the southernmost tanks to be 20' from bldg. Noted construction of bldg addition in progress - and the discrepancy of the 20' distance from bldg. Actual location of southernmost tank located within the bldg. under construction. Investigation disclosed that the proposed contents of the tanks will be Mineral Seal Oil. F.P. 280°. Under Sec. 5-2111 - this condition is permitted (above info gathered on site from State Chem. official). [illegible] Mr. Wunderle will submit revised permit app drawing. Due to above delay. Tank setting cancelled this date

Inspector ... [signature]

CITY OF CLEVELAND
Department of Public Safety
Division of Fire

Total Fee $ 45.00

Permit # 5595

Date of Application April 15, 1986

APPLICATION for 3 TANKS for ALL SUBSTANCES, other than water, above ground X underground inside X outside ___ other ___

3100 Hamilton Avenue (LOCATION) State Chemical Mfg. Company (OCCUPANT) ~~Tank spec's ASME~~ ___ API ___ ICC ___ UL ___ Other ___

PUMPS: type NONE submerged ___ inline ___ remote ___. Valves req'd; X relief ___ excess flow ___ impact ___ internal check ___ other ___ swing line ___
Gravity System

UNDERGROUND: Depth of fill cover (circle) 1½'; 2'; 2½'; 3'; 4'. Type of fill cover; ___ Sand bed & fill, 6"; 12".

ABOVE GROUND: Dikes (state dimensions, capacity & material) NONE

Grounding arrangement: NONE support protection: ___

1 Tank(s) cap. 2128 gal size ___ gauge 5/16" Fiberglass Vent size 2 inch normal emrg., arrestor req. ___ fill size ___ type ___ ident. ___ Fee $ 15.00
Distances to, lot line ___ street line ___ between tanks ___ building ___. Contents detergent
third floor manufacturing building

1 Tank(s) cap. 2128 gal size ___ gauge 5/16" Fiberglass Vent size 2 inch normal emrg., arrestor req. ___ fill size ___ type ___ ident. ___ Fee $ 15.00
Distances to, lot line ___ street line ___ between tanks ___ building ___. Contents Fatty acid
Third floor manufacturing building

1 Tank(s) cap. 2128 gal size ___ gauge 5/16" Fiberglass Vent size 2 inch normal emrg., arrestor req. ___ fill size ___ type ___ ident. ___ Fee $ 15.00
Distances to, lot line ___ street line ___ between tanks ___ building ___. Contents Fatty Acid
Third floor manufacturing building

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained and to comply with all the ordinances of the City of Cleveland, the laws of the State of Ohio and all the rules and regulations of the State Fire Marshall, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, relating to the Storage of hazardous Substances.

Applicant J. Westerman (SIGNATURE)

Chief James J. McNamee (sd)
per Bill Gancel FIRE PREVENTION BUREAU

Zoning: Map 4 Sh B - 3

Use Gen'l Industry

Approved by Tony Mookus DIVISION OF BUILDING 7/28/86

Installed by Existing Tanks
No records

Tel: ___

NOTE: If disapproved, draw line through signature space.

Remarks ___

SITE plan on reverse side.

COF C73-226 F.P.B. 4/1/64

8/26/68-3M

Total Fee $ 50.00

CITY OF CLEVELAND
Department of Public Safety
Division of Fire

Permit # 5596

Date of Application April 15, 1986

APPLICATION to 4 TANKS for ALL SUBSTANCES, other than water, above ground X underground ___ inside X outside ___ other ___

3100 Hamilton Avenue (LOCATION) State Chemical Mfg. Co. (OCCUPANT) Tank spec's ASME ___ API ___ ICC ___ UL ___ Other ___

PUMPS: type NONE submerged ___ inline ___ remote ___. Valves req'd; ___ relief ___ excess flow ___ impact ___ internal check ___
Gravity System other ___ swing line ___

UNDERGROUND: Depth of fill cover (circle) 1½'; 2'; 2½'; 3'; 4'. Type of fill cover; ___ Sand bed & fill, 6"; 12".
ABOVE GROUND: Dikes (state dimensions, capacity & material) No Dikes

Grounding arrangement: Not Applicable support protection: ___

1 Tank(s) cap. 2400 gal size ___ gauge ___. Vent size ___ normal, ___ emrg., arrestor req. ___ fill size ___ Fee $ 15.00
type open tanks
Distances to, lot line ___ street line ___ between tanks ___ building ___. Contents Soap ident. ___
Third floor of Manufacturing building

1 Tank(s) cap. 1400 gal size ___ gauge ___. Vent size ___ normal, ___ emrg., arrestor req. ___ fill size ___ Fee $ 15.00
type open tanks
Distances to, lot line ___ street line ___ between tanks ___ building ___. Contents Soap ident. ___
Third floor of manufacturing building

2 Tank(s) cap. 200 gal, 500 gal. size ___ gauge ___. Vent size ___ normal, ___ emrg., arrestor req. ___ fill size ___ Fee $ 20.00
type open tank
Distances to, lot line ___ street line ___ between tanks ___ building ___. Contents Soap ident. ___
Third floor of manufacturing building

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained and to comply with all the ordinances of the City of Cleveland, the laws of the State of Ohio and all the rules and regulations of the State Fire Marshall, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, relating to the Storage of hazardous Substances.

Applicant A Westerman (SIGNATURE) Chief James J. McGonnell (1st) Zoning: Map 4 Sh B - 3

per Bell Bonce 7/28 (FIRE PREVENTION BUREAU) Use Gen'l Industry

Approved by Tony Moskus (DIVISION OF BUILDING) 7/28/86

Installed by Existing tanks Tel: ___
No records

NOTE: If disapproved, draw line through signature space.

Remarks ___

SITE plan on reverse side.

COF C73-2M F.P.B. 4/1/64 8/26/68-3M

Total Fee $ 45.00

CITY OF CLEVELAND
Department of Public Safety
Division of Fire

Permit # 5597

Date of Application April 15, 1986

APPLICATION to [redacted] 3 TANKS for ALL SUBSTANCES, other than water, above ground X underground ___ inside X outside ___ other ___

3188 Hamilton Avenue (LOCATION) The State Chemical Manufacturing Co (OCCUPANT) Tank spec's ASME ___ API ___ ICC ___ UL ___ Other ___

PUMPS: type None Gravity System submerged ___ inline ___ remote ___. Valves req'd; X relief ___ excess flow ___ impact ___ internal check ___ other ___ swing line ___

UNDERGROUND: Depth of fill cover (circle) 1½'; 2'; 2½'; 3'; 4'. Type of fill cover; ___ Sand bed & fill, 6"; 12".
ABOVE GROUND: Dikes (state dimensions, capacity & material) None

Grounding arrangement: not applicable support protection: ___

1 Tank(s) cap. 2128 gallons size ___ gauge 5/16" fiberglass Vent size ___, ___ normal emrg. arrestor req. ___ fill size ___ Fee $ 15.00
Distances to, lot line ___ street line ___ between tanks ___ building ___. Contents detergent type ___ ident. ___
third floor manufacturing building

1 Tank(s) cap. 2128 gallons size ___ gauge 5/16" fiberglass Vent size ___, ___ normal emrg. arrestor req. ___ fill size ___ Fee $ 15.00
Distances to, lot line ___ street line ___ between tanks ___ building ___. Content detergent type ___ ident. ___
third floor manufacturing building.

1 Tank(s) cap. 2128 gallons size ___ gauge 5/16" fiberglass Vent size ___, ___ normal emrg. arrestor req. ___ fill size ___ Fee $ 15.00
Distances to, lot line ___ street line ___ between tanks ___ building ___. Contents water based polymer type ___ ident. ___
third floor manufacturing building.

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained and to comply with all the ordinances of the City of Cleveland, the Laws of the State of Ohio and all the rules and regulations of the State Fire Marshall, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, relating to the Storage of hazardous Substances.

Applicant [redacted] SIGNATURE

Chief James J. McGinnis (BB) per Bill Jones, Lt. FIRE PREVENTION BUREAU

Zoning: Map 4 Sh B - 3

Use Gen'l Industry

Installed by Existing tanks Tel: ___
No records

Approved by Tony Masiuo DIVISION OF BUILDING 7/28/86

Remarks ___

NOTE: If disapproved, draw line through signature space.

CDFC75-28 F.P.B. 4/1/64

SITE plan on reverse side.

8/26/68 - 3M

Total Fee $ 45.00

CITY OF CLEVELAND
Department of Public Safety
Division of Fire

Permit # 5598

Date of Application April 15, 1986

APPLICATION to INSTALL 3 TANKS for ALL SUBSTANCES, other than water, above ground X underground ___ inside X outside ___ other ___

3180 Hamilton Avnue (LOCATION) The State Chemical Manufacturing Co (OCCUPANT)

Tank spec's: ASME ___ API ___ ICC ___ UL ___ Other ___

PUMPS: type None gravity system submerged ___ inline ___ remote ___. Valves req'd; ___ relief ___ excess flow ___ impact ___ internal check ___ other ___ swing line ___

UNDERGROUND: Depth of fill cover (circle) 1½'; 2'; 2½'; 3'; 4'. Type of fill cover; not applicable Sand bed & fill, 6"; 12".
ABOVE GROUND: Dikes (state dimensions, capacity & material) None

Grounding arrangement: Not applicable support protection: ___

1 Tank(s) cap. 1200 gallon open tank size ___ gauge ___. Vent size no vents normal emrg., arrestor req. ___ fill size ___ Fee $ 15.00
Distances to, lot line ___ street line ___ between tanks ___ building ___. Contents monoethanolamine type ___ ident. ___
Third floor manufacturing building.

1 Tank(s) cap. 2400 gallons open tank size ___ gauge ___. Vent size no vents normal emrg., arrestor req. ___ fill size ___ Fee $ 15.00
Distances to, lot line ___ street line ___ between tanks ___ building ___. Contents perchloroethylene type ___ ident. ___
Third floor manufacturing building

1 Tank(s) cap. 1000 gallon open tank size ___ gauge ___. Vent size no vents normal emrg., arrestor req. ___ fill size ___ Fee $ 15.00
Distances to, lot line ___ street line ___ between tanks ___ building ___. Contents currently empty type ___ ident. ___
Third floor manufacturing building

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained and to comply with all the ordinances of the City of Cleveland, the laws of the State of Ohio and all the rules and regulations of the State Fire Marshall, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, relating to the Storage of hazardous Substances.

Applicant J Westerman (SIGNATURE) Chief James J. McJames (CO) Zoning: Map 4 Sh B-3

per Bill Lance, Lt. (FIRE PREVENTION BUREAU) Use Gen'l Industry

Installed by Existing tanks no record Tel: ___

Approved by Tony Mastruzzi (DIVISION OF BUILDING) 7/28/86

NOTE: If disapproved, draw line through signature space.

Remarks ___

COF C 73-220 F.P.B. 4/1/64

SITE plan on reverse side.

8/26/68 - 3M

Total Fee $ 6 30 00

CITY OF CLEVELAND
Department of Public Safety
Division of Fire

Permit # 5599

Date of Application 4/15/86

APPLICATION to INSTALL 2 TANKS for ALL SUBSTANCES, other than water, above ground X underground ___ inside X outside ___ other ___

3100 Hamilton Avenue (LOCATION) State Chemical Mfg. Co. (OCCUPANT) Tank spec's: ASME ___ API ___ ICC ___ UL ___ Other ___

PUMPS: type None submerged ___ inline ___ remote ___. Valves req'd; X relief ___ excess flow ___ impact ___ internal check ___
gravity system
other ___ swing line ___

UNDERGROUND: Depth of fill cover (circle) 1½'; 2'; 2½'; 3'; 4'. Type of fill cover; ___ Sand bed & fill, 6"; 12".
ABOVE GROUND: Dikes (state dimensions, capacity & material) None

Grounding arrangement: Not Applicable support protection: ___

1 Tank(s) cap. 2128 gallons size ___ gauge 5/16" fiberglass Vent size ___, ___, arrestor req. ___ fill size ___ Fee $ 15.00
normal emrg. waterbased type ___
Distances to, lot line ___ street line ___ between tanks ___ building ___. Contents polymer ident. ___
Third floor manufacturing building.

1 Tank(s) cap. 2128 gallons size ___ gauge 5/16" fiberglass Vent size ___, ___, arrestor req. ___ fill size ___ Fee $ 15.00
normal emrg. waterbased type ___
Distances to, lot line ___ street line ___ between tanks ___ building ___. Contents polymer ident. ___
Third floor manufacturing building.

___ Tank(s) cap. ___ size ___ gauge ___. Vent size ___, ___, arrestor req. ___ fill size ___ Fee $ ___
normal emrg. type ___
Distances to, lot line ___ street line ___ between tanks ___ building ___. Contents ___ ident. ___

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained and to comply with all the ordinances of the City of Cleveland, the laws of the State of Ohio and all the rules and regulations of the State Fire Marshall, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, relating to the Storage of hazardous Substances.

Applicant A Westerman (SIGNATURE) Chief James J. McKenna (BS)

per Bill Ranes Jr (FIRE PREVENTION BUREAU)

Zoning: Map 4 Sh B-3

Use Flex'l Industry

Approved by Tony Mackus (DIVISION OF BUILDING) 7/28/86

Installed by Existing tanks Tel: ___
No records.

Remarks ___

NOTE: If disapproved, draw line through signature space.

SITE plan on reverse side.

COV C-72-226 F.P.B. 4/1/64

9/26/68 - 3M

Total Fee $ 45.00

CITY OF CLEVELAND
Department of Public Safety
Division of Fire

Permit # 5600

Date of Application April 15, 1986

APPLICATION to [redacted] 3 TANKS for ALL SUBSTANCES, other than water (above ground X) underground ___ (inside X) outside ___ other ___

3100 Hamilton Avenue (LOCATION) The State Chemical Manufacturing Co (OCCUPANT) Tank spec's ASME ___ API ___ ICC ___ UL ___ Other ___

PUMPS: type None submerged ___ inline ___ remote ___. Valves req'd; X relief ___ excess flow ___ impact ___ internal check ___
gravity system other ___ swing line ___

UNDERGROUND: Depth of fill cover (circle) 1½'; 2'; 2½'; 3'; 4'. Type of fill cover; ___ Sand bed & fill, 6"; 12".
ABOVE GROUND: Dikes (state dimensions, capacity & material) None

Grounding arrangement: Not applicable support protection: ___

1 Tank(s) cap. 2128 gallons size ___ gauge 5/16" fiberglass Vent size ___, ___ normal emrg., arrestor req. ___ fill size ___ Fee $ 15.00
Distances to, lot line ___ street line ___ between tanks ___ building ___. Contents water based polymer type ___ ident. ___
Third floor manufacturing building

1 Tank(s) cap. 2128 gallons size ___ gauge 14. Vent size 2 in., ___ stainless steel normal emrg., arrestor req. ___ fill size ___ Fee $ 15.00
Distances to, lot line ___ street line ___ between tanks ___ building ___. Contents water based polymer type ___ ident. ___
Third floor manufacturing building

1 Tank(s) cap. 2128 gallons size ___ gauge 14. Vent size 2 in., ___ stainless steel normal emrg., arrestor req. ___ fill size ___ Fee $ 15.00
Distances to, lot line ___ street line ___ between tanks ___ building ___. Contents water soluble resin type ___ ident. ___
Third floor manufacturing building

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained and to comply with all the ordinances of the City of Cleveland, the laws of the State of Ohio and all the rules and regulations of the State Fire Marshall, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, relating to the Storage of hazardous Substances.

Applicant J Westerman (SIGNATURE) Chief James J. McFarrell (ASI) Zoning: Map 4 Sh B-3

per Bill Gonczy (FIRE PREVENTION BUREAU) Use Gen'l Industry

Installed by Existing tanks no record Tel: ___ Approved by Tony Morkus (DIVISION OF BUILDING) 7/28/86

Remarks ___

NOTE: If disapproved, draw line through signature space.

COFCTS-220 F.P.B. 4/1/68

SITE plan on reverse side.

8/26/68 - 5M

Total Fee $ 20.00

CITY OF CLEVELAND
Department of Public Safety
Division of Fire

Permit # 5594

Date of Application April 18, 1986

APPLICATION to [redacted] 1 TANKS for ALL SUBSTANCES, other than water, above ground X underground ___ inside ___ outside X other ___

3100 Hamilton Avenue (LOCATION) The State Chemical Manufacturing Co. (OCCUPANT) Tank spec's ASME ___ API ___ ICC ___ UL ___ Other ___

PUMPS: type gravity system No pump submerged ___ inline ___ remote ___. Valves req'd; X pressure relief ___ excess flow ___ impact ___ internal check ___ other gooseneck vent ___ swing line ___

UNDERGROUND: Depth of fill cover (circle) 1½'; 2'; 2½'; 3'; 4'. Type of fill cover; not applicable Sand bed & fill, 6"; 12".

ABOVE GROUND: Dikes (state dimensions, capacity & material) Dike surrounding tank made of concrete block lined in tar length: 14½ ft width: 12 ft. depth: 5 ft. capacity: 870 cu.ft. or 6529 gallons

Grounding arrangement: none support protection: steel supports

1 Tank(s) cap. 6000 gallons size ___ gauge 3/8" fiberglass. Vent size ___, ___ normal emrg., arrestor req. ___ fill size ___ type ___ Fee $ 20.00

Distances to, lot line 60 ft. street line 60 ft. between tanks — building 2 ft, Contents Hydrochloric acid ident. NFPA placard

___ Tank(s) cap. ___ size ___ gauge ___. Vent size ___, ___ normal emrg., arrestor req. ___ fill size ___ type ___ Fee $ ___

Distances to, lot line ___ street line ___ between tanks ___ building ___. Contents ___ ident. ___

___ Tank(s) cap. ___ size ___ gauge ___. Vent size ___, ___ normal emrg., arrestor req. ___ fill size ___ type ___ Fee $ ___

Distances to, lot line ___ street line ___ between tanks ___ building ___. Contents ___ ident. ___

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained and to comply with all the ordinances of the City of Cleveland, the laws of the State of Okie and all the rules and regulations of the State Fire Marshall, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, relating to the Storage of hazardous Substances.

Applicant [signature] SIGNATURE

Chief James J. McKenna (30)

Zoning: Map 4 Sh B-3

per Bill Bowers Lt. FIRE PREVENTION BUREAU

Use Gen'l Industry

Installed by Existing tank Tel: ___

No records.

Approved by Tony Mockus DIVISION OF BUILDING 7/28/86

NOTE: If disapproved, draw line through signature space.

Remarks ___

COF C 73-228 F.P.B. 4/1/64

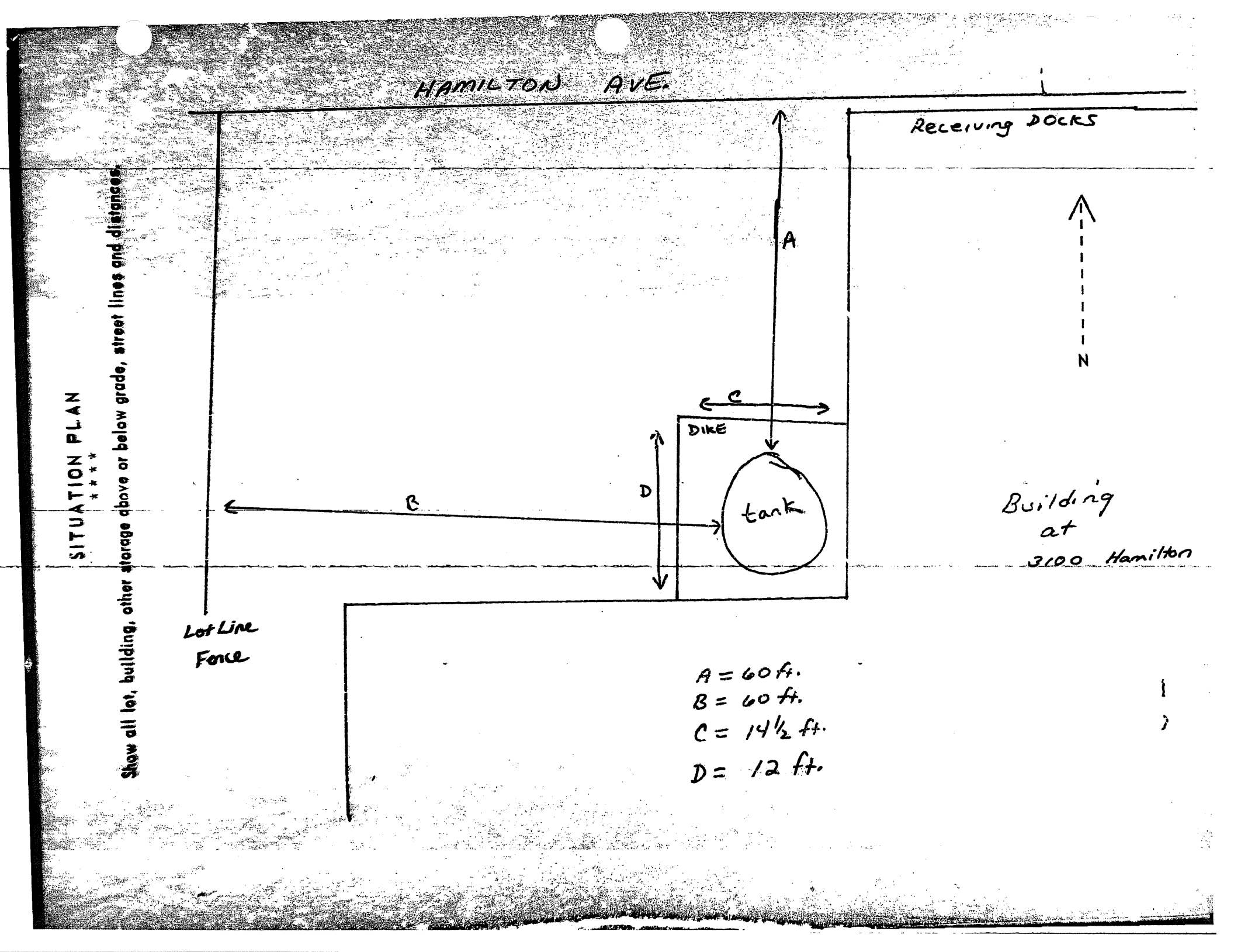
SITE plan on reverse side.

8/26/68 - 3M

SITUATION PLAN

****

Show all lot, building, other storage above or below grade, street lines and distances.



A = 60 ft.
B = 60 ft.
C = 14½ ft.
D = 12 ft.

CITY OF CLEVELAND

JUL 21 1986

DEPARTMENT OF PUBLIC SAFETY
DIVISION OF FIRE
FIRE PREVENTION BUREAU

7/9 19 86

FILE

State Chemical
3100 Hamilton Ave.

I re-inspected the above address I found that 15 of the 59 Violations that I have cited them on has been abated. The main purpose of this inspection was to clarify some of the violations and to show them what was needed where. Below is a list of abatements:

1. Excessive storage cleaned up in System B General offices.
2. Combustibles cleaned up under stairways.
3. Open Vertical chases closed between stock Rm & 2nd fl.
4. Sprinkler piping Repaired in Flamm. Storage Rm.
5. Permits for storage tanks on the 3rd fl
6. Use permits for Sodium Nitrate.
7. Storage tanks leaking repair in Manufacturing area 3rd fl.
8. Leaking pipes repaired in " " " "
9. Fire door overlooking plant repaired
10. Fire cabinet for flammables.
11. West warehouse: Fire door is unblocked.

Inspector: [signature]

COF C73-100A F.P.B. 6/10/67

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY
DIVISION OF FIRE
FIRE PREVENTION BUREAU

JUL 21 1986

7/9 19 86

State Chem Cont.

(12) Fire door unblocked in west warehouse area
(13) HCL acid tanks placarded.
(14) Permits for HCL acid tanks
(15) Caps for F.D. siamese connections.

They are willing to comply with all violations. I have a problem with the entire exiting situation. I have ask that fire evacuation plans be posted in each section and that they be submited to our office. I will investigate more on the next inspection.

Inspector [signature]

COP C75-106 A P.P.B.V 10/81

Total Fee $ 120.00

CITY OF CLEVELAND
Department of Public Safety
Division of Fire

Permit # 4413
Date of Application
Date of Approval

APPLICATION to INSTALL 2 TANKS for ALL SUBSTANCES, other than water, above ground ___ underground ✓ inside ___ outside ___ other ___

3100 E 30th St Hamilton Ave (LOCATION) Stahl Chemical (OCCUPANT) Tank spec's ASME ___ API ___ ICC ___ UL ✓ Other ___

PUMPS: type ___ submerged ___ inline ___ remote ✓. Valves req'd; ___ relief ___ excess flow ___ impact ___ internal check ✓ other ___ swing line ___

UNDERGROUND: Depth of fill cover (circle) 1½'; 2'; 2½'; (3') 4'. Type of fill cover; Sand Sand bed & fill, 6"; (12")
ABOVE GROUND: Dikes (state dimensions, capacity & material) ___

Grounding arrangement: ___ support protection: ___

2 Tank(s) cap. 8,000 gal size 8'x21' gauge ¼. Vent size 2, ___ (normal, emrg.), arrestor req. ___ fill size 3 Fee $ 120.00
Distances to, lot line 10' street line 10' between tanks 4' building ___. Contents Comical type Solvents ident. ___

___ Tank(s) cap. ___ size ___ gauge ___. Vent size ___, ___ (normal, emrg.), arrestor req. ___ fill size ___ Fee $ ___
Distances to, lot line ___ street line ___ between tanks ___ building ___. Contents ___ type ___ ident. ___

___ Tank(s) cap. ___ size ___ gauge ___. Vent size ___, ___ (normal, emrg.), arrestor req. ___ fill size ___ Fee $ ___
Distances to, lot line ___ street line ___ between tanks ___ building ___. Contents ___ type ___ ident. ___

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abid by all the conditions herein contained and to comply with all the ordinances of the City of Cleveland, the laws of the State of Ohio and all the rules and regulations of the State Fire Marshall, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, relating to the Storage of hazardous Substances.

Applicant A Hunkel (SIGNATURE) Chief Wm Bayly Zoning: Map ___ Sh ___ –

11411 Labor Ave per Capt Chase Lt Bayly 9/20 FIRE PREVENTION BUREAU Use ___

Installed by A Hunkel Maint Tel: ___

Approved by ___ DIVISION OF BUILDING

Note: No product other than water shall be placed in flammable or combustible liquid storage tank until piping is installed & inspected.

NOTE: If disapproved, draw line through signature space.

Tank Owner: Stahl Chemical Type of piping material used: ___

Remarks:

COF C73-220 F.P.B. 4/1/66

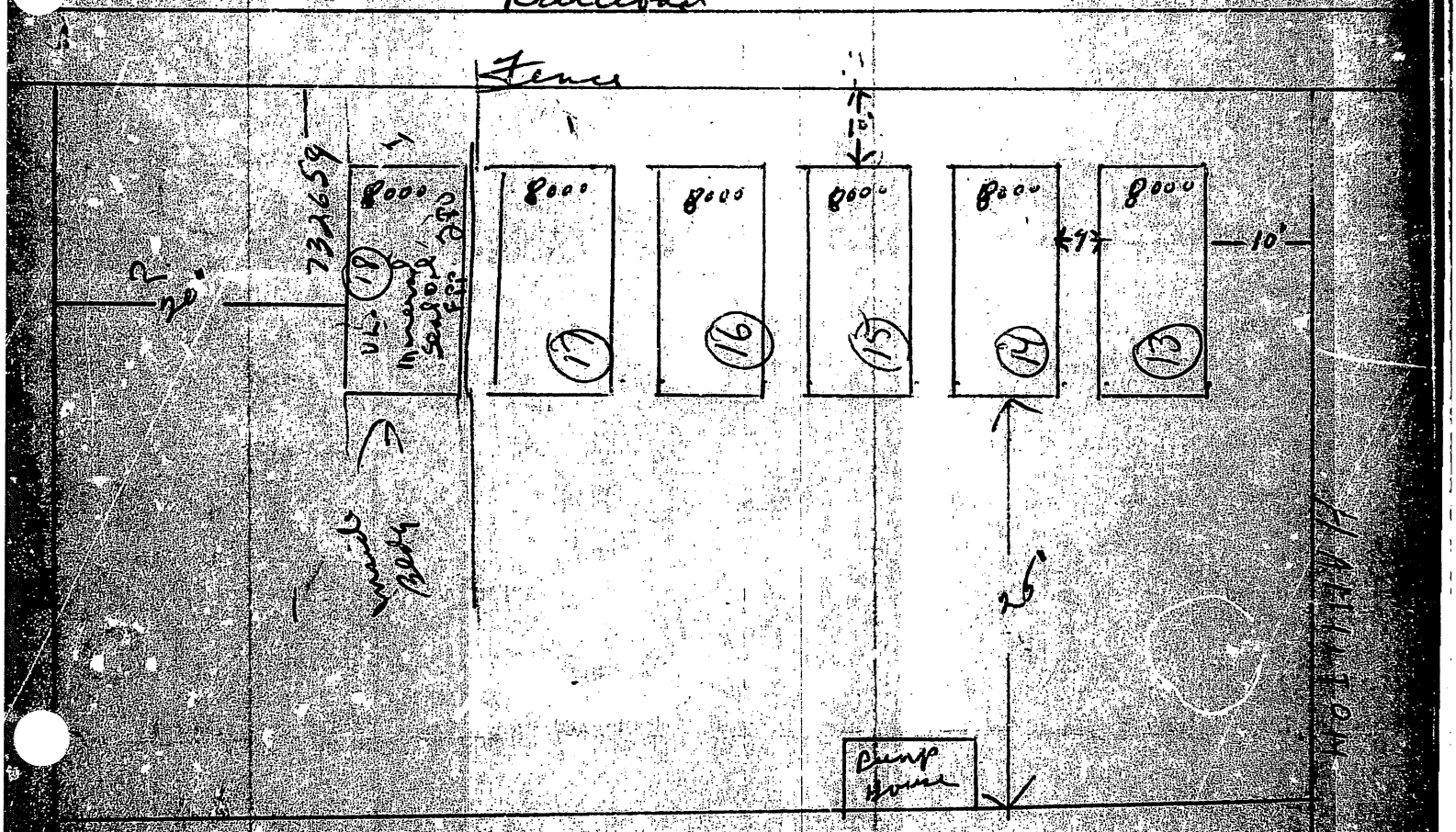
SITE plan on reverse side.

11/1/73 - 2M

SITUATION PLAN

* * * *

Show all lot, building, other storage above or below grade, street lines and distances.



Post-it® Fax Note

Registration Permit Application for Underground Storage Tanks

THIS IS A TWO PAGE APPLICATION. PLEASE READ THE GENERAL INFORMATION PRINTED ON THE REVERSE SIDE.

STATE USE ONLY
I.D. Number
Date Received

OH

INSTRUCTIONS

Please type or print in ink all items except "signature" on page one and if it is a NEW INSTALLATION also page two. An application must be completed for each location containing underground storage tanks. If more than 5 tanks are owned at this location, photocopy page two or you may obtain additional copies by calling (614) 752-8200.

Indicate number of page two sheets attached.

I. OWNERSHIP OF TANK(S)

Owner Name (Corporation, Individual, Public Agency, or Other Entity)
THE STATE CHEMICAL MANUFACTURING CO.

Street Address
3100 HAMILTON AVENUE

County
CUYAHOGA

City
CLEVELAND

State
OH

ZIP Code
44114

Area Code Phone Number

Type of Owner *(Mark all that apply X)*

- [X] Current
- [ ] Former
- [ ] State or Local Gov't
- [ ] Federal Gov't (GSA facility I.D. no. _____)
- [X] Private or Corporate
- [ ] Ownership uncertain

II. LOCATION OF TANK(S)

(If same as Section 1, mark box here [X])

Facility Name or Company Site Identifier, as applicable

Street Address or State Road, as applicable

County

City (nearest) State ZIP Code

Indicate number of tanks at this location: 6

Mark box he... are located ... an Indian re... other ...

III. CONTACT PERSON AT TANK LOCATION

Name (If same as Section I, mark box here [ ])
TAMMY WESTERMAN

Job Title
ASSISTANT TECHNICAL DIRECTOR

Area Code
(216)861-...

IV. TYPE OF APPLICATION

- [X] New Permit Application
- [ ] Renewal Permit Application
- [ ] Modified Pe...

V. LOCAL FIRE DEPARTMENT

Fire Department Name
CLEVELAND FIRE DEPARTMENT

Street Address
1645 SUPERIOR AVENUE

City
CLEVELAND

State
OH

ZIP Code
44114

STATE USE ONLY

VI. PERMIT FEE CALCULATION
COMPLETE ONLY BLOCK A OR B

A. NEW/RENEWAL PERMIT APPLICATION

TOTAL TANKS AT THIS LOCATION: 6

MULTIPLY BY REGISTRATION FEE X: $ 20.00

TOTAL FEE: 120 .00

B. MODIFIED PERMIT APPLICATION

TOTAL NEW TANKS INSTALLED:

MULTIPLY BY REGISTRATION FEE X: $ 20.00

TOTAL FEE: .00

MAKE CHECK OR MONEY ORDER PAYABLE TO: STATE FIRE MARSHAL FOR THE TOTAL FEE AMOUNT

RETURN WHITE COPY OF PAGE 1 AND 2 AND YOUR REGISTRATION FEE TO:
Bureau of Underground Storage Tank Regulations
P.O. Box 825
Reynoldsburg, OH 43068-9998

MAIL PINK COPY OF PAGE 1 AND 2 TO THE LOCAL FIRE DEPARTMENT
(SEE SECTION V. ABOVE)

SIGN AND DATE AFTER THE ... AND SIGN AFTER COMPLETING PAGE TWO

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

Name and official title of owner, owner's authorized representative

... TECHNICAL DIRECTOR

Signature

Date Signed
JANUARY 12, 1989

Distribution: White - Div. of State Fire Marshal; Canary - Tank Owner; Pink - Local Fire Dept.

Page 1

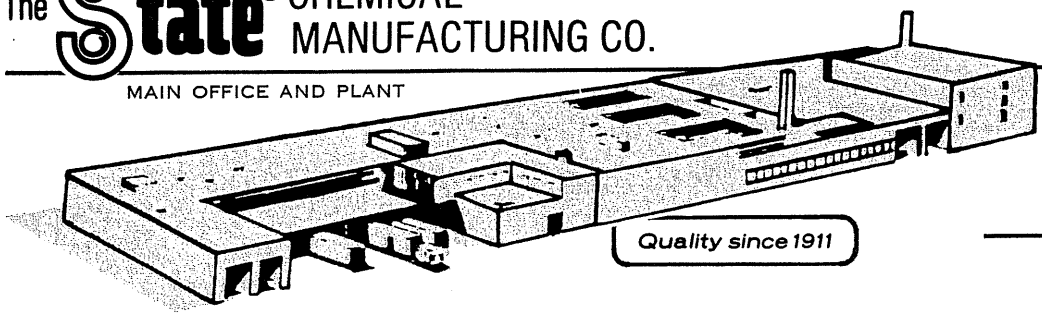
DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this facility)

Tank Identification No. (e.g., ABC-123), or Arbitrarily Assigned Sequential Number (e.g., 1,2,3 ..)	Tank No. 1	Tank No. 2	Tank No. 3	Tank No. 4	Tank No. 5
A. Status of Tank (Mark all that apply ☒)					
1 Currently in Use	☒	☒	☒	☒	☒
2 Temporarily Out of Use	☐	☐	☐	☐	☐
3 Permanently Out of Use	☐	☐	☐	☐	☐
B. Date Installed (mo/yr.)	1975	1975	1975	1975	1975
C. Estimated Total Capacity (Gallons)	8000	8000	8000	8000	8000
D. Tank Material of Construction (Mark one ☒)					
1 Steel	☒	☒	☒	☒	☒
3 Concrete	☐	☐	☐	☐	☐
2 Fiberglass Reinforced Plastic	☐	☐	☐	☐	☐
0 Unknown	☐	☐	☐	☐	☐
9 Other, Please Specify					
E. Tank Internal Protection (Mark all that apply ☒)					
3 Cathodic Protection	☐	☐	☐	☐	☐
1 Interior Lining (e.g., epoxy resins)	☐	☐	☐	☐	☐
2 None	☒	☒	☒	☒	☒
0 Unknown	☐	☐	☐	☐	☐
9 Other, Please Specify					
F. Tank External Protection					
Cathodic Protection					
1 Sacrificial Anodes	☐	☐	☐	☐	☐
2 Impressed Current	☐	☐	☐	☐	☐
3 Steel-FRP-Composites	☐	☐	☐	☐	☐
4 Painted (e.g., asphaltic)	☐	☐	☐	☐	☐
5 Unknown	☐	☐	☐	☐	☐
9 Other, Please Specify					
0 None	☒	☒	☒	☒	☒
G. Piping (Mark all that apply ☒)					
1 Bare Steel	☒	☒	☒	☒	☒
2 Galvanized Steel	☐	☐	☐	☐	☐
3 Fiberglass Reinforced Plastic	☐	☐	☐	☐	☐
4 Cathodically Protected	☐	☐	☐	☐	☐
0 Unknown	☐	☐	☐	☐	☐
9 Other, Please Specify					
H. Substance Currently or Last Stored in Greatest Quantity by Volume (Mark all that apply ☒)					
8 a. Empty	☐	☐	☐	☐	☐
b. Petroleum					
2 Diesel	☐	☐	☐	☐	☐
3 Kerosene	☐	☐	☐	☐	☐
1 Gasoline (including alcohol blends)	☒	☐	☐	☐	☐
4 Used Oil	☐	☐	☐	☐	☐
9 Other, Please Specify					
c. Hazardous Substance		Mineral Spirits	2-butoxy-ethanol	All-purple blend	[illegible]
7 Please Indicate Chemical Abstract Service (CAS) No. of Principal CERCLA Substance		64742-88-7	111-76-2	64742-88-7	[illegible]
Mark box ☒ if tank stores a mixture of substances	☐	☐	☐	☐	☐
0 Unknown	☐	☐	☐	☐	☐
I. Corrosion Protection (If tank or piping are steel))					
As specified for factory-installed cathodic protection for steel tanks	☐	☐	☐	☐	☐
As specified for field-installed cathodic protection for steel tanks	☐	☐	☐	☐	☐
As specified for steel piping	☐	☐	☐	☐	☐
Another method approved by the State Fire Marshal. Specify:					
J. Installation (Mark all that apply ☒) New tank systems only					
1 The installation was inspected by state or local fire officials	☐	☐	☐	☐	☐
2 Manufacture-supplied checklists of installation procedures were complete.	☐	☐	☐	☐	☐
3 The tank and piping were tested for leaks during and after installation	☐	☐	☐	☐	☐
4 Other, Specify:					
K. Release Detection (Mark all that apply ☒):					
1 Vapor monitoring	☐	☐	☐	☐	☐
2 Groundwater monitoring	☐	☐	☐	☐	☐
3 Manifold above an impermeable barrier	☐	☐	☐	☐	☐
4 Automatic in-tank monitoring and inventory control	☐	☐	☐	☐	☐
5 Secondary containment with interstitial monitoring	☐	☐	☐	☐	☐
6 Tank testing; product inventory	☐	☐	☐	☐	☐
8 Another method approved by the State Fire Marshal. Specify					
[illegible] Pressure Piping					
[illegible]					
[illegible] flow restrictors	☐	☐	☐	☐	☐
[illegible] shutoff device	☐	☐	☐	☐	☐
[illegible] monitoring system (alarm within 1 hour)					
[illegible] monitoring	☐	☐	☐	☐	☐
[illegible] monitoring	☐	☐	☐	☐	☐
[illegible]					
[illegible] test (annual)	☐	☐	☐	☐	☐
[illegible]					
[illegible]	☐	☐	☐	☐	☐
[illegible]	☐	☐	☐	☐	☐
[illegible]	☐	☐	☐	☐	☐
[illegible]	☐	☐	☐	☐	☐
[illegible] Piping					
[illegible]					
[illegible]	☐	☐	☐	☐	☐
[illegible]	☐	☐	☐	☐	☐

DESCRIPTION OF UNDERGROUND STORAGE TANKS (Complete for each tank at this location)

Tank Identification No. (e.g., ABC-123), or Arbitrarily Assigned Sequential Number (e.g., 1,2,3)	Tank No. 6	Tank No. 2	Tank No. 3	Tank No. 4	Tank No. 5
A. **Status of Tank** *(Mark all that apply ☒)*					
1 Currently in Use	☐	☐	☐	☐	☐
2 Temporarily Out of Use	☒	☐	☐	☐	☐
3 Permanently Out of Use	☐	☐	☐	☐	☐
B. **Date Installed** (mo/yr.)	1975	/	/	/	/
C. **Estimated Total Capacity** (Gallons)	8000				
D. **Tank Material of Construction** *(Mark one X)*					
1 Steel	☒	☐	☐	☐	☐
3 Concrete	☐	☐	☐	☐	☐
2 Fiberglass Reinforced Plastic	☐	☐	☐	☐	☐
0 Unknown	☐	☐	☐	☐	☐
9 Other, Please Specify	☐	☐	☐	☐	☐
E. **Tank Internal Protection** *(Mark all that apply X)*					
3 Cathodic Protection		☐	☐	☐	☐
1 Interior Lining (e.g., epoxy resins)		☐	☐	☐	☐
2 None	☒	☐	☐	☐	☐
0 Unknown	☐	☐	☐	☐	☐
9 Other, Please Specify					
F. **Tank External Protection**					
Cathodic Protection					
1 Sacrificial Anodes	☐	☐	☐	☐	☐
2 Impressed Current	☐	☐	☐	☐	☐
3 Steel-FRP-Composites	☐	☐	☐	☐	☐
4 Painted (e.g., asphaltic)	☐	☐	☐	☐	☐
5 Unknown	☐	☐	☐	☐	☐
9 Other, Please Specify	☐	☐	☐	☐	☐
0 None	☒	☐	☐	☐	☐
G. **Piping** *(Mark all that apply ☒)*					
1 Bare Steel	☐	☐	☐	☐	☐
2 Galvanized Steel	☒	☐	☐	☐	☐
3 Fiberglass Reinforced Plastic	☐	☐	☐	☐	☐
4 Cathodically Protected	☐	☐	☐	☐	☐
0 Unknown	☐	☐	☐	☐	☐
9 Other, Please Specify	☐	☐	☐	☐	☐
H. **Substance Currently or Last Stored in Greatest Quantity by Volume** *(Mark all that apply ☒)*					
8 a. Empty	☒	☐	☐	☐	☐
b. Petroleum					
2 Diesel	☐	☐	☐	☐	☐
3 Kerosene	☐	☐	☐	☐	☐
1 Gasoline (including alcohol blends)	☐	☐	☐	☐	☐
4 Used Oil	☐	☐	☐	☐	☐
9 Other, Please Specify	☐	☐	☐	☐	☐
c. Hazardous Substance					
7 Please indicate Chemical Abstract Service (CAS) No. of Principal CERCLA Substance					
Mark box ☒ if tank stores a mixture of substances	☐	☐	☐	☐	☐
0 Unknown	☐	☐	☐	☐	☐
I. **Corrosion Protection** (If tank or piping are steel))					
As specified for factory-installed cathodic protection for steel tanks	☐	☐	☐	☐	☐
As specified for field-installed cathodic protection for steel tanks	☐	☐	☐	☐	☐
As specified for steel piping	☐	☐	☐	☐	☐
Another method approved by the State Fire Marshal. Specify:					
J. **Installation** *(Mark all that apply ☒)* **New tank systems only**					
1 The installation was inspected by state or local fire officials	☐	☐	☐	☐	☐
2 Manufacture-supplied checklists of installation procedures were completed	☐	☐	☐	☐	☐
3 The tank and piping were tested for leaks during and after installation	☐	☐	☐	☐	☐
4 Other, Specify:					
K. **Release Detection** *(Mark all that apply ☒)*:					
1 Vapor monitoring	☐	☐	☐	☐	☐
2 Groundwater monitoring	☐	☐	☐	☐	☐
3 Monitoring above an impermeable barrier	☐	☐	☐	☐	☐
4 Automatic in-tank monitoring and inventory control	☐	☐	☐	☐	☐
5 Secondary containment with interstitial monitoring	☐	☐	☐	☐	☐
6 Tank testing/ product inventory	☐	☐	☐	☐	☐
9 Another method approved by the State Fire Marshal. Specify					
L. **Release Detection Pressure Piping**					
Apply (specify)					
1 Automatic flow restrictors	☐	☐	☐	☐	☐
2 Automatic shutoff device	☐	☐	☐	☐	☐
3 Continuous monitoring system (alarm within 1 hour)					
Interstitial monitoring	☐	☐	☐	☐	☐
Vapor monitoring	☐	☐	☐	☐	☐
Backup method					
1 Line tightness test (annual)	☐	☐	☐	☐	☐
2 Monitor method					
Vapor monitoring					
Groundwater monitoring	☐	☐	☐	☐	☐
Interstitial monitoring	☐	☐	☐	☐	☐
Backup method	☐	☐	☐	☐	☐
M. Suction Piping					
Apply (specify)					
Monitoring	☐	☐	☐	☐	☐
Backup method	☐	☐	☐	☐	☐

The State® CHEMICAL MANUFACTURING CO.
MAIN OFFICE AND PLANT
3100 HAMILTON AVENUE
CLEVELAND, OHIO 44114
TELEPHONE: (216) 861-7114



August 4, 1992

Mr. Terry Chambers, FGF
Inspector
Fire Prevention Bureau
1645 Superior Avenue East
Cleveland, OH 44114

Dear Mr. Chambers:

Per our conversation on July 28, 1992, I am writing for permission to slurry fill the underground storage tank located inside State Chemical's building at 3100 Hamilton Avenue, Cleveland, Ohio, 44114. This underground storage tank is being removed from service due to the unreasonable cost involved in accessing the vent lines for replacement.

The closure of this tank will be conducted according to EPA regulations by a registered contractor. I am looking forward to receiving a confirmation from you at the earliest convenient date.

Thank you very much.

Very truly yours,

Allen M. Platek
Manufacturing Manager

AMP/cm

c: Joe Sinsheimer
Tammy Westerman
Bill Barnett

City of Cleveland

MICHAEL R. WHITE, MAYOR

DIVISION OF FIRE
FIRE PREVENTION BUREAU

1645 SUPERIOR AVENUE • CLEVELAND, OHIO 44114
TELEPHONE: (216) 664-6664
FAX: (216) 664-6816

WALTER V. ZIMMERER
CHIEF

September 2, 1992

Mr. Allen M. Platek
State Chemical
3100 Hamilton Ave.
Cleve. OH 44114

RE: 3100 Hamilton Ave.
Tank Slurry

Dear Sir:

This letter is in response to your letter of August 4, 1992, regarding the abandonment in place of a storage tank.

Due to the location of the tank in your dock area, the Cleveland Fire Prevention Bureau has no objections to abandoning the tank in place. All state and local requirements apply.

If you have any questions, please call Inspector Chambers at 664-6664.

Sincerely,

Tom Root (EJH)

Captain Thomas Root
Fire Marshal

TR/pjp

cc: Insp. Chambers
file

DELEGATED PERMIT FOR UNDERGROUND STORAGE TANKS

OHIO DEPARTMENT OF COMMERCE
DIVISION OF STATE FIRE MARSHAL
BUREAU OF UNDERGROUND STORAGE TANK REGULATIONS

I. OWNERSHIP OF TANK(S)			II. LOCATION OF TANK(S)		
Owner Name (Corporation, Individual, Public Agency, or Other Entity): STATE CHEMICAL			Facility Number:		
Street Address: 3100 HAMILTON AVE			Facility Name or Company Site Identifier, as applicable: STATE CHEMICAL		
City: CLEVELAND	State: OHIO	Zip Code: 44114	Street Address or State Road, as applicable: 3100 HAMILTON AVE		
Area Code: 216	Phone Number: 861-7114		County: CUYAHOGA		
Type of Owner: ☒ Private ☐ Local Gov't ☐ State Gov't ☐ Federal Gov't (GSA facility I.D. no.________)			City (nearest): CLEVELAND	State: OHIO	Zip Code: 44114

III. CONTRACTOR		IV. FIRE DEPARTMENT ISSUING PERMIT		
Contractor's Name: CARDAMONE CONSTRUCTION		Fire Department Name: CLEVELAND FIRE PREVENTION		
Contact Person: JOHN CARDAMONE	Phone Number: 1-216-581-1133	Street Address: 1645 SUPERIOR AVE		
Certified Installer's Name: JAMES WELSH		City: CLEVELAND	State: OHIO	Zip Code: 44114
Installer ID#: 10-90-0731		Phone Number: 1-216-664-6664		

V. PERMIT

PERMIT ISSUED FOR:

ABANDONMENT (1) 8,000 GALLON TANK INSIDE OF BUILDING

VI. CONDITIONS

1. Inspector will ask to see UST installer's proof of certification. Inspector must be present for the following:

   Immediately before purging operations begin, immediately before the opening on the tank top and at the completion of the actual filling of the tank with the inert solid material before covering the UST.

2. Certified installer must be on-site for the following:

   1. The cleaning and purging of the UST system;
   2. The filling with an inert solid material of the system;
   3. All testing associated with cleaning, purging;
   4. Any time during the removal of the UST system or when piping is disconnected or capped. [access]

PERMIT NOT VALID UNLESS SIGNED BY LOCAL FIRE OFFICIAL

Permit Issued by: [illegible signature] Date: [illegible]

Permit No. [illegible]

COM 5210 Distribution: White - Owner; Canary - State Fire Marshal; Pink - Local Fire Agency

Cardamone
CONSTRUCTION INC.

4865
Chaincraft Road
Garfield Heights
Ohio 44125
216•581•1133
1•800•686•2476

DATE: OCTOBER 30, 1992

TO: STATE CHEMICAL MANUFACTURING
3100 HAMILTON AVE.
CLEVELAND, OHIO 44114

ATTN: Mr. Allen Platek

INQUIRY: ANALYTICAL RESULTS FROM THE UNDERGROUND STORAGE TANK

Dear Mr. Platek,

Enclosed is a copy of the Table Summary of the analytical results of samples taken at the above referenced UST site. We have forwarded a copy of these results to the Fire Marshal's office for their review.

Cardamone Construction Inc., its Contractors, Employees and Officers assume no responsibility for the determination to backfill an excavated area, nor assumes the responsibility for an open excavation.

We would be pleased to provide any additional assistance as may be appropriate. Please do no hesitate to call us with any questions or for further information.

Sincerely,

CARDAMONE CONSTRUCTION, INC.

John S. Cardamone, President

JSC/kf

enclosure

cc: Cleveland Fire Department

CLEARANCE SAMPLING OF TANK LOCATION

SAMPLING LOCATION	TRPH mg/ug	B mg/ug	T mg/ug	E mg/ug	X mg/ug
EAST. BOTTOM	3	<1.0	<1.0	11.0	8.5
WEST BOTTOM	10	<1.0	<1.0	12.6	9.2

THESE SAMPLES WERE TAKEN ON 10/19/92 AND FORWARDED TO THE LABORATORY

DATE: NOVEMBER 03, 1992

TIME: _____

TANK INSTALLATION/REMOVAL ROUTING FORM

LOCATION: 3100 HAMILTON FACILITY: STATE CHEMICAL

____ A/G TANKS SIZE & NUMBER: _____

X U/G TANKS SIZE & NUMBER: 8,000 gal. steel (1)

CONTRACTOR: CARDAMONE CONSTRUCTION 581-1133

INSPECTOR (S): ROBERT GRACE

SITE CONDITIONS:

X a. General Safety (Source of Ignition, etc.)

X b. Tanks empty of product [note type of product(s)] YES!

X c. Tanks purged (How?) _____

X d. Conditon of tank(s): UNKNOWN!

X e. Contamination: UNKNOWN!

X f. Permits (Tank Installation/Haz. Sub.) _____

Voided? _____ Permit No.(s). _____

REMOVAL PERMIT #0543

REMARKS: I WITNESS THE ABANDONMENT OF ONE(1) 8,000 GAL. UNDERGROUND TANK. TANK WAS FILL WITH 32 YARDS OF SLURRY MIX.

Robert Grace

FPB revised 1/16/90

Cardamone
CONSTRUCTION INC.

4865
Chaincraft Road
Garfield Heights
Ohio 44125
216•581•1133
1•800•686•2476

DATE: AUGUST 27, 1993

CUSTOMER: CLEVELAND FIRE PREVENTION BUREAU
1645 SUPERIOR AVENUE
CLEVELAND, OHIO 44114

ATTN: INSPECTOR TERRY CHAMBERS RE: PETRO TITE TEST RESULTS

Dear Inspector Chambers,

Enclosed is the copy of the Petro Tite Test which was performed at State Chemical Manufacturing at 3100 Hamilton Avenue in Cleveland, Ohio on July 30 and August 19, 1993.

The test was made on the tank system in accordance with the test procedures described for as detailed on the attached test charts with the results as noted.

If you have any questions concerning these results, please feel free to contact me.

Sincerely,

John S. Cardamone
President

JSC/kf

enclosure

Data Chart for Tank System Tightness Test

PLEASE PRINT

1. OWNER Property ☐ Tank(s) ☐
Name: State Chemical Address: 3041 Hamilton Zip: Cleveland Representative: Ohio Telephone:
Name: Address: Zip: Representative: Telephone:

2. OPERATOR
Name: State Chemical Address: Zip: Telephone:

3. REASON FOR TEST (Explain Fully)
EPA Requirements

4. WHO REQUESTED TEST AND WHEN
Name: Al Platek Title: Company or Affiliation: Date:
Address: Zip: Telephone:

5. TANK INVOLVED Use additional lines for manifolded tanks

Identify by Direction	Capacity	Brand/Supplier	Grade	Approx. Age	Steel/Fiberglass
#5 South 2nd from West Street	8,000	Ashland	Kerosene	18 yrs	Steel

6. INSTALLATION DATA

Location	Cover	Fills	Vents	Siphones	Pumps
In Ramp	Concrete	3"	3"	None	Suction
North inside driveway, Rear of station, etc.	Concrete, Black Top, Earth, etc.	Size, Titefill make, Drop tubes, Remote Fills	Size, Manifolded	Which tanks?	Suction, Remote, Make if known

7. UNDERGROUND WATER
Depth to the water table from grade: _____
Is the water over the tank? ☐ Yes ☒ No

8. FILL-UP ARRANGEMENTS
Tanks to be filled _____ hr. Before Date Arranged by _____ Name Telephone
Extra product to "top off" and run tank tester. How and who to provide? Consider NO Lead.
Terminal or other contact for notice or inquiry _____ Company Name Telephone

9. CONTRACTOR, MECHANICS, any other contractor involved
Cardamone Construction
4865 Chamberlain Rd
Garfield Hts Ohio

10. OTHER INFORMATION OR REMARKS
Bled manway + Abandoned Suree system.
Stopped Leak on Manway
Pumped 425 Gals in
Additional information on any items above. Officials or others to be advised when testing is in progress or completed. Visitors or observers present during test, etc.

11. TEST METHOD
☒ PETRO TITE ☐ PETRO COMP ☐ QUICK CHECK 2000

11a. TEST RESULTS
Tests were made on the above tank systems in accordance with test procedures prescribed for as detailed on attached test charts with results as follows:

Tank Identification	Tight	Net Volume Change Per Hour	Date Tested
#5 South	YES	+.023	7/20/93

SENSOR CERTIFICATION
Date: _____
Serial No of Thermal Sensor: _____

13. CONTRACTOR CERTIFICATION
Technicians
1. Dick Budzilek
Certification # 122110644
2. _____

Cardamone Construction
Testing Contractor or Company. By: Signature
4865 Chamberlain Rd Garfield Hts Ohio
Address

Data Chart for Tank System Tightness Test

PLEASE PRINT

1. OWNER Property ☐ Tank(s) ☐

Name: State Chemical | Address: 3041 Hamilton Cleveland Ohio | Zip | Representative | Telephone

Name | Address | Zip | Representative | Telephone

2. OPERATOR

Name: State Chemical | Address | Zip | Telephone

3. REASON FOR TEST (Explain Fully)

EPA REQUIREMENTS

4. WHO REQUESTED TEST AND WHEN

Name: Al Plater | Title | Company or Affiliation | Date

Address | Zip | Telephone

5. TANK INVOLVED

Use additional lines for manifolded tanks

Identify by Direction	Capacity	Brand/Supplier	Grade	Approx. Age	Steel/Fiberglass
#1 SOUTH BY BUILDING UST 17	8,000	ASHLAND CHEMICAL	140 SOLVENT	18 YRS	STEEL

6. INSTALLATION DATA

Location	Cover	Fills	Vents	Siphones	Pumps
BOTTOM of RAMP	CONCRETE	3"	3"	NO	SUCTION
North inside driveway, Rear of station, etc.	Concrete, Black Top, Earth, etc.	Size, Fillfill make, Drop tubes, Remote Fills	Size, Manifolded	Which tanks?	Suction, Remote, Make if known

7. UNDERGROUND WATER

Depth to the water table from grade _____ "

Is the water over the tank? ☐ Yes ☒ No

8. FILL-UP ARRANGEMENTS

Tanks to be filled 8:00 hr. 8/17/93 Date | Arranged by ALLEN PLATER Name | Telephone

Extra product to "top off" and run tank tester. How and who to provide? Consider NO Lead.

Terminal or other contact for notice or inquiry: ASHLAND CHEMICAL Company | Name | Telephone

9. CONTRACTOR, MECHANICS, any other contractor involved

Cardamone Construction
4865 Chardon Rd
Garfield Hts Ohio

10. OTHER INFORMATION OR REMARKS

Bled Manway - RETEST WITH GAUGES DISCONNECTED

Additional information on any items above. Officials or others to be advised when testing is in progress or completed. Visitors or observers present during test, etc.

11. TEST METHOD

☐ PETRO TITE ☐ PETRO COMP ☐ QUICK CHECK 2000

11a. TEST RESULTS

Tests were made on the above tank systems in accordance with test procedures prescribed for as detailed on attached test charts with results as follows:

Tank Identification	Tight	Net Volume Change Per Hour	Date Tested
#1 SOUTH	YES	+.014	8/19/93

SENSOR CERTIFICATION

Date

Serial No. of Thermal Sensor

13. CONTRACTOR CERTIFICATION

Technicians

1. DICK BUDZILEK Certification # 12711644

2. _____

CARDAMONE CONSTRUCTION
Testing Contractor or Company. By: Signature

4865 CHARDON RD GARFIELD HTS OHIO
Address

Data Chart for Tank System Tightness Test

PLEASE PRINT

1. OWNER Property ☐ Tank(s) ☐

Name	Address	Zip	Representative	Telephone
State Chemical	3041 Hamilton Cleveland Ohio			
Name	Address	Zip	Representative	Telephone

2. OPERATOR

Name	Address	Zip	Telephone
State Chemical			

3. REASON FOR TEST (Explain Fully)

EPA Requirements

4. WHO REQUESTED TEST AND WHEN

Name	Title	Company or Affiliation	Date
Al Platek			

Address _____ Zip _____ Telephone _____

5. TANK INVOLVED Use additional lines for manifolded tanks

Identify by Direction	Capacity	Brand/Supplier	Grade	Approx. Age	Steel/Fiberglass
#2 South	8,000	Ashland	Mineral Spirits	18 yrs	Steel

6. INSTALLATION DATA

Location	Cover	Fills	Vents	Siphones	Pumps
In Ramp	Concrete	3"	3"	no	Suction
North inside driveway, Rear of station, etc.	Concrete, Black Top, Earth, etc.	Size, Titefill make, Drop tubes, Remote Fills	Size, Manifolded	Which tanks?	Suction, Remote, Make if known

7. UNDERGROUND WATER

Depth to the water table from grade _____

Is the water over the tank? ☐ Yes ☒ No

8. FILL-UP ARRANGEMENTS

Tanks to be filled 8:00 hr. 8/17/93 Date Arranged by Allen Platek Name Telephone

Extra product to "top off" and run tank tester. How and who to provide? Consider NO Lead.

Terminal or other contact for notice or inquiry Ashland Chemical Company Name Telephone

9. CONTRACTOR, MECHANICS, any other contractor involved

Cardamone Construction
4865 Chamcraft Rd Garfield Hts Ohio

10. OTHER INFORMATION OR REMARKS

B/L'd Manway - Retest with gauges disconnected

Additional information on any items above. Officials or others to be advised when testing is in progress or completed. Visitors or observers present during test, etc.

11. TEST METHOD

☒ PETRO TITE ☐ PETRO COMP ☐ QUICK CHECK 2000

11a. TEST RESULTS

Tests were made on the above tank systems in accordance with test procedures prescribed for as detailed on attached test charts with results as follows:

Tank Identification	Tight	Net Volume Change Per Hour	Date Tested
#2 South	YES	-.023	8/19/93

12. SENSOR CERTIFICATION

Date _____

Serial No. of Thermal Sensor _____

13. CONTRACTOR CERTIFICATION

Technicians

1. Dick Budzilek Certification # 122110644

2. _____

Cardamone Construction
Testing Contractor or Company. By: Signature

4865 Chamcraft Rd Garfield Hts Ohio
Address

Data Chart for Tank System Tightness Test

PLEASE PRINT

1. OWNER Property ☐ Tank(s) ☐

Name: State Chemical / Address: 3041 Hamilton Cleveland Ohio / Zip / Representative / Telephone

Name / Address / Zip / Representative / Telephone

2. OPERATOR

Name: State Chemical / Address / Zip / Telephone

3. REASON FOR TEST (Explain Fully)

EPA Requirements

4. WHO REQUESTED TEST AND WHEN

Name: Al Platek / Title / Company or Affiliation / Date

Address / Zip / Telephone

5. TANK INVOLVED Use additional lines for manifolded tanks

Identify by Direction	Capacity	Brand/Supplier	Grade	Approx. Age	Steel/Fiberglass
#3 South 2nd From Building	8000	Ashland	150 Solvent	18 yrs	Steel

6. INSTALLATION DATA

Location	Cover	Fills	Vents	Siphones	Pumps
In Ramp	Concrete	3"	3"	None	Suction
North inside driveway, Rear of station, etc.	Concrete, Black Top, Earth, etc.	Size, Titefill make, Drop tubes, Remote Fills	Size, Manifolded	Which tanks?	Suction, Remote, Make if known

UNDERGROUND WATER

Depth to the water table from grade: 0

Is the water over the tank? ☐ Yes ☒ No

8. FILL-UP ARRANGEMENTS

Tanks to be filled ____ hr. Before Date / Arranged by ____ Name / Telephone

Extra product to "top off" and run tank tester. How and who to provide? Consider NO Lead.

Terminal or other contact for notice or inquiry ____ Company / Name / Telephone

9. CONTRACTOR, MECHANICS, any other contractor involved

Cardamone Construction
4865 Chaindrift
Canfield Hts, Ohio 44425

10. OTHER INFORMATION OR REMARKS

Bled manway + Abandoned Stack System

Additional information on any items above. Officials or others to be advised when testing is in progress or completed. Visitors or observers present during test, etc.

11. TEST METHOD

☒ PETRO TITE ☐ PETRO COMP ☐ QUICK CHECK 2000

11a. TEST RESULTS

Tests were made on the above tank systems in accordance with test procedures prescribed for as detailed on attached test charts with results as follows:

Tank Identification	Tight	Net Volume Change Per Hour	Date Tested
#3 South	Yes	-.046	8/2/93

SENSOR CERTIFICATION

Date

Serial No. of Thermal Sensor

13. CONTRACTOR CERTIFICATION

Technicians

1. Dick Budzilek

Certification # 12211064Y

2. ____

Cardamone Construction
Testing Contractor or Company. By: Signature

4865 Chaindrift Rd Canfield Hts Ohio
Address

Data Chart for Tank System Tightness Test

PLEASE PRINT

1. OWNER Property ☐ Tank(s) ☐

Name: State Chemical / 3091 Hamilton Address: Cleveland Ohio Zip: Representative: Telephone:

Name: Address: Zip: Representative: Telephone:

2. OPERATOR

Name: State Chemical Address: Zip: Telephone:

3. REASON FOR TEST (Explain Fully)

EPA Requirements

4. WHO REQUESTED TEST AND WHEN

Name: Al Platek Title: Company or Affiliation: Date:

Address: Zip: Telephone:

5. TANK INVOLVED Use additional lines for manifolded tanks

Identify by Direction	Capacity	Brand/Supplier	Grade	Approx. Age	Steel/Fiberglass
#6 South	8,000	ASHLAND	BUTYL CELLOSOAP	18 YRS	STEEL
CLOSEST TO STREET					
1ST 13					

6. INSTALLATION DATA

Location	Cover	Fills	Vents	Siphones	Pumps
IN RAMP	CONCRETE	3"	3"	NONE	SUCTION
North inside driveway, Rear of station, etc.	Concrete, Black Top, Earth, etc.	Size, Titefill make, Drop tubes, Remote Fills	Size, Manifolded	Which tanks?	Suction, Remote, Make if known

7. UNDERGROUND WATER

Depth to the water table from grade: 0 " Is the water over the tank? ☐ Yes ☒ No

8. FILL-UP ARRANGEMENTS

Tanks to be filled ____ hr. Before Date Arranged by ____ Name Telephone

Extra product to "top off" and run tank tester. How and who to provide? Consider NO Lead.

Terminal or other contact for notice or inquiry ____ Company Name Telephone

9. CONTRACTOR, MECHANICS, any other contractor involved

Cardamone Construction
4565 Chainfeet
Garfield Hts Ohio

10. OTHER INFORMATION OR REMARKS

BLED MANWAY & ABANDONED EDUCE SYSTEM

Additional information on any items above. Officials or others to be advised when testing is in progress or completed. Visitors or observers present during test, etc.

11. TEST METHOD

☒ PETRO TITE ☐ PETRO COMP ☐ QUICK CHECK 2000

11a. TEST RESULTS

Tests were made on the above tank systems in accordance with test procedures prescribed for as detailed on attached test charts with results as follows:

Tank Identification	Tight	Net Volume Change Per Hour	Date Tested
#6 South	YES	-.007	7/30/93

12. SENSOR CERTIFICATION

Date

Serial No. of Thermal Sensor

13. CONTRACTOR CERTIFICATION

Technicians

1. DICK BUDZILEK Certification # 122110644

2. ____

CARDAMONE CONSTRUCTION
Testing Contractor or Company. By: Signature

4565 CHAINFEET RD GARFIELD HTS OHIO
Address

Ohio Department of Commerce

Division of State Fire Marshal
Bureau of Underground Storage Tank Regulations
8895 East Main Street P.O. Box 687
Reynoldsburg, OH 43068
(614) 752-7938 FAX (614) 752-7942

George V. Voinovich
Governor

Donna Owens
Director

May 23, 1996

ALLEN PLATEK
STATE CHEMICAL
3100 HAMILTON AVE
CLEVELAND OH 44114

SITE: STATE CHEMICAL
MANUFACTURING COMPANY
3100 HAMILTON AVE
CLEVELAND OH
CUYAHOGA COUNTY
INCIDENT #1823171-00

RE: NO FURTHER ACTION STATUS REGARDING CLOSURE REQUIREMENTS

Dear Mr. Platek:

The Bureau of Underground Storage Tank Regulations (BUSTR) has reviewed all information submitted for this incident number. Based on this information, BUSTR requires no further action involving closure under Ohio Administrative Code rule 1301:7-9-12.

If you feel that you are entitled to reimbursement you should contact the Petroleum Underground Storage Tank Release Compensation Board (PUSTRCB) at P.O. Box 163188, Columbus, Ohio 43216, (614) 752-8963 or (800) 224-4659. PUSTRCB administers Ohio's assurance fund and is a separate entity apart from BUSTR.

Thank you for your cooperation. If you have any questions, please contact our office at (614) 752-7938.

Sincerely,

Kevin W. Hodnett
Corrective Action Supervisor

KWH:DT:dep

xc: Site File
Inspector Terry Chambers, Cleveland Fire Department
Carolyn Wallace, Cleveland City Health District

Site #34
Former Teledyne Metal Finishing

FORM 211-73 FILE

HA-22493-3-15-74
OBV- HS-22494 3-15-74
FL. HS-22495 3-15-74

TK 52 8-5-51
UGTR#0356 8/21/91

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY - DIVISION OF FIRE

FIRE PREVENTION BUREAU

BUILDING RECORD

C.T. H. 3

STREET EAST 27 ST. HOUSE No. 1725 -27 BLDG. NAME

STORIES 3 BUILDING III - II CONSTRUCTION BRICK 120X200X12 60WS00X16H

OCCUPANCY C METAL FINISHERS CO

OWNER or AGENT METAL FINISHERS CO ADDRESS SAME

FOR PARTICULARS SEE INSPECTIONS BY WARDENS OR COMPANIES UNDER DATES LISTED BELOW IN INSPECTION FILE No. 1

Enter All Fires In Chronological Order In Red Ink

Date	Inspector	Conditions Found	ABATEMENT ORDERED	ORDERS COMPLIED WITH	SUMMONS COURT	Closed
2-4-41	Dempsey	Factory, metal finishing use				ok
7-14-41	#5179	@ 1.57 P.M. sparks metal wheel none				—
9-17-41	E 6797	11:28 A.M. short circuit - None -				
10-7-41	Dempsey	Metal Finishers Inc.				ok.
7-11-46	Patenden	M. Metal Finishers Inc. found Different acids stored East side of Bldg. Recommended C-O-2 Ltr.				
7-2-46	Sweeney	Metal Finishers Co. Chromium Plating				OK
9-24-46	#7605	at 2.57 Am. smoke No				—
2-10-47	Sweeney	Metal Finishers Not using Perchloric Acids				ok
4-28-47	Clinton	4-26-47 Comp. The metal finishing Co wanted information on installing a fuel oil tank the Co wanted to know if it would be practicable to install a 4000 gal fuel oil tank out side with a space 10ft in width between this Bldg I instructed the Mgr Mr Cutzak what the requirements are for fuel oil tanks, he said that the Co would forget about the installations.				
5-4-47	Dempsey	They do not have enough room for more than 1-1000 gal Tank. Talked with Mr Yoonen who did not know much				

EAST 27 ST.

1725 - 27

RA 250

WK. 31

E. 14

STREET HOUSE NO. BLDG. NAME

Date	Inspector	Conditions Found	Abatement Ordered	Orders Comp With	Summons Court	Closed
[illegible]-48	Dempsey	Fuel tanks not approved. Will go [illegible]				
12-17-48	Rule	Burn.				OK.
9-13-50	Eller	Checked Location of 2 fuel oil Tanks to Be installed.				
10-5-50	Dempsey	Found 2 Tanks Being Installed no Permit on Jobs. Will Check.				
4-30-52	#3156	@ 6.26 PM Rubbish Bonfire None				—
7-9-53	Rehberg	Metal Finishing Inc. Recommended metal fire door with weights & quadrant lock for Paileroom; Within 60 to 90 days provide separate bldg for acid storage & fume hazardous chemicals (Cyanide eggs).				
4-5-54	Rehberg	Metal Finishing — Mr Sutyak Pres. informed me company is in process of installing Proper Storage tanks for Hazardous Solutions within 30 days. Will recheck in 30 days.				
2-2-54	Lyons	Request letter & occupant relative to Legends & acids See report for details Viol notice will be sent				
7-30-55	#7307	@ 5:29 A.M. Defective sprinkler line				None
10-10-55	#7573	@ 1:32 P.M. Sparks from grinding wheel. Est. $500.00				
10-11-55	Lyons F.S.	Cause, Sparks from grinding wheel, Fire abated Insp. abated 10-12-55				
11-17-55	#8586	@ 10:32 A.M. Broken sprinkler				None
8-10-56	Thomson	No permits issued for corrosive liquids, plating liquids & cyanide. No dikes or curbs				
10-14-57	#8115	@ 12:04 P.M. Friction				$50.00
10-15-57	711	Sweeney McKenna Friction				
10-23-57	#8322	@ 10:05 Am. Broken Sprinkler				
12-13-57	#9696	@ 3:28 PM Broken sprinkler pipe				
12-26-57	Gorski	2 Sheet Insp. Sprinkler system repaired & back in service				
2-25-58	#1415	@ 7:05 Wood close to Chimney				$100.00
[illegible]-58	711	Hubert Stanton See Rept.				
2-27-58	Gorski	Refer to Air Pollution				
3-5-58	Letteo	To B.D. # 266-58				
10-2-58	#8209	@ 1:35 Am Dept Spoken				none
12/21/59	HDC #7	Handyguard Seamen Inspection				

Enter All Fires In Chronological Order in Red Ink

Date	Inspector	Conditions Found	Closed
5-2-60	Lyons	RE.CH, RE: installation of female siamese conn on SPRK. No Change	
1/7/64	#225	@ 11[19] A.M. Broken Sprinkler	
1/10/64	[illegible]	Requested the [illegible]	
1/13/64	Letter	Mr Noonan 4/23 64	
2/11/64	Radke	Explained requirements of letter of 1/15/64	
3/24/64	Radke	Inspection - Hazardous Sub. dike questionable.	
9/25/64	#10990	@ 11[58] A.M. Def. Sprinkler	
10/13/64	McNamee	2 Viols:	
2/1/65	#1045	@ 7[21] A.M. Broken Sprinkler	
2/5/65	#1198	@ 1[03] P.M. " "	
11-30-65	13607	@ 4[27] P.M. Broken Sprinkler	
3-3-66	Radke	Insp. Reg Letter	
3-10-66	Letter	Mr P J Noonan 54-66	FILE
10/5/66	#13035	@ 12[00] A.M. Ovhtd/Motor None	FILE
4-5-67	Radke.	Insp. See Report. Re: Conditions in conformity	
4-12-67	Radke.	Re: Diking of Corrosive Liquids	
7-27-67	Radke.	Re Insp. Re: Diking for acid tanks	
8-14-67	Linek	Re: Dike area for acid tanks - See above	
8-29-67	Radke.	Inspected & approved Completed diking for	FILE
—		outside A/G tanks containing Sulphuric & hydrochloric	
—		acids See Report. will issue	
—		necessary use permits for entire occupancy.	
6-16-68	E.S.	Major Insp - 2 viols referred to Lt. Radke	
8-28-68	#13214	@ 8[20] Am. 1725 827[55] Sparks from Torch	$100[00]
8-30-68	#13214 -	Linek Fire Invest	
1-20-70	Linek	F.S. #552 See report	
2-4-71	Harrison	Fire Invest. #2233 Broken Sprinkler	
2-19-71	Harrison	Insp. 5 Viol noted See Report	FILE
3-8-71	Harrison	Re Insp See Report	FILE
3-8-			
7-7-73	#15383	@ 9:11 A.M. ~~1725~~ Undet. $1,000.00	
7-9-73	#15383-712	Sparks from. Automatic grinding Machine	
7-12-73	Benes.	F.I. # 15383. See Report.	
7-26-73	Benes	Re Insp 2 Viols abated	
12-11-73	#29491	@ 2[29] Am. Undet	$500[00]
12-11-73	29491	712 Burning embers from Salamander. See report Inactive	
1-8-74	Benes.	Insp. 7 Viols	FILE
2-11-74	Benes.	Re Insp. 4 of 7 Viols abated See Report	
2-28-74	Benes.	Re Insp See Report	

nter All Fires In Chronological Order in Red Ink · 1725 E. 27th St. C of C 73-211A

Date	Inspector	Conditions Found	Closed
-15-74	Benes	Re Insp. 2 Viol abated moderat for. Pl Lizing Acids, Cyanides + UPV's.	[illegible]
2-18-75	Benes	Insp — 1 V/O	
-20-76	Benes	Recheck - viol abated	FILE
-6-77	Benes	Insp.	
2-22-77	Zupan	Re proposed LPG installation	
-6-77	# 21134	Short circuit	$ 15,000.00
-9-77	Benes	Fire invest # 21134. Rebuilding roof.	
-3-78	Benes	Insp	FILE
-21-79	Benes	Plans approved. See report.	
-5-79	Benes	Alteration Permit #76561. See report	
-25-79	Benes	See Report.	FILE
-4-81	Benes	Insp. No V/O's of note	
-21-85	Kucharski	Complete - 1 viol.	FILE
-23-85	Kucharski	Reinsp 1 Viol Send letter #3	FILE
2-9-85	Kucharski	Letter of insp sent on violation	FILE
/20/85	E-1	Ord.	
/1,3/86	Akrom	Reinsp 1 Viol Send Viol Letter #1	FILE
6	Akrom	Letter sent - violation notice	
-6-86	Ganer	Haz. Mat. report to follow	
6-20-86	Akram	Re-Inspection 14 day ext. granted on filling 300 gal U/G tank	FILE
-26-86	Akram	Re-Inspected - Witnessed Tank Fill viol abated	FILE
/25/86	Dep 76	Complete 1 Viol (Notice)	FILE
/25/86	Oliver	Other (Served Citation)	
/25/86	Dep 76	Tank fill	FILE
/9/86	Scott	Site Insp.	
0/14/86	Hopf	Invest. of Spill Haz. Mat. into sewer	
3/87	Akram	Air test & Complete insp - see report	FILE
-18-88	SARA 311	Revised emergency contingency plan placed in folder	
0/6/88	McKintez	Partial	
/1/90	Raenes	SARA	
9-18-91	GRACE	SITE (2) U/G TANKS REMOVED	FILE

STREET: EAST 27 ST

HOUSE NO.: 1725

OTHER FRONTAGE

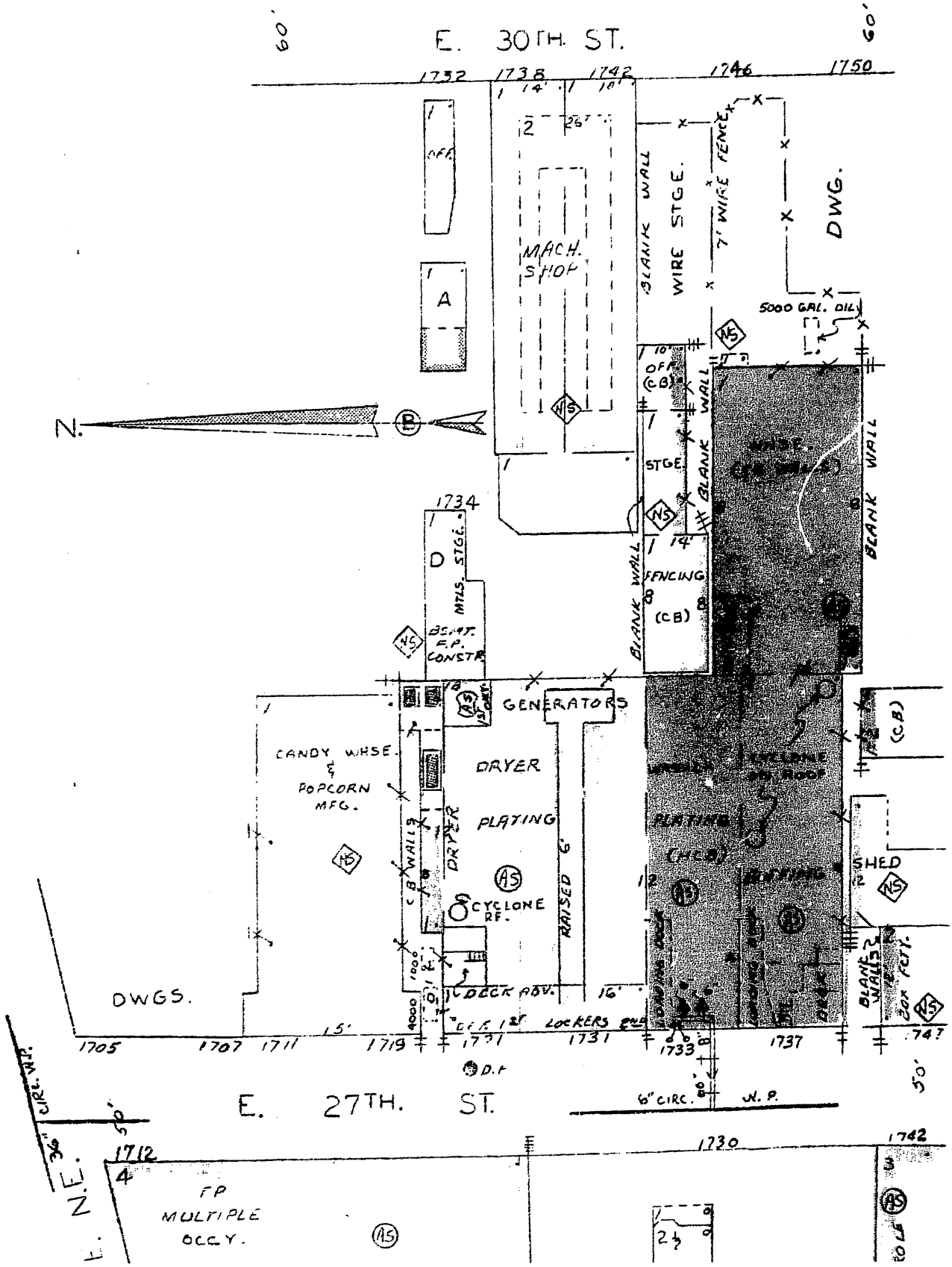
OHIO INSPECTION BUREAU

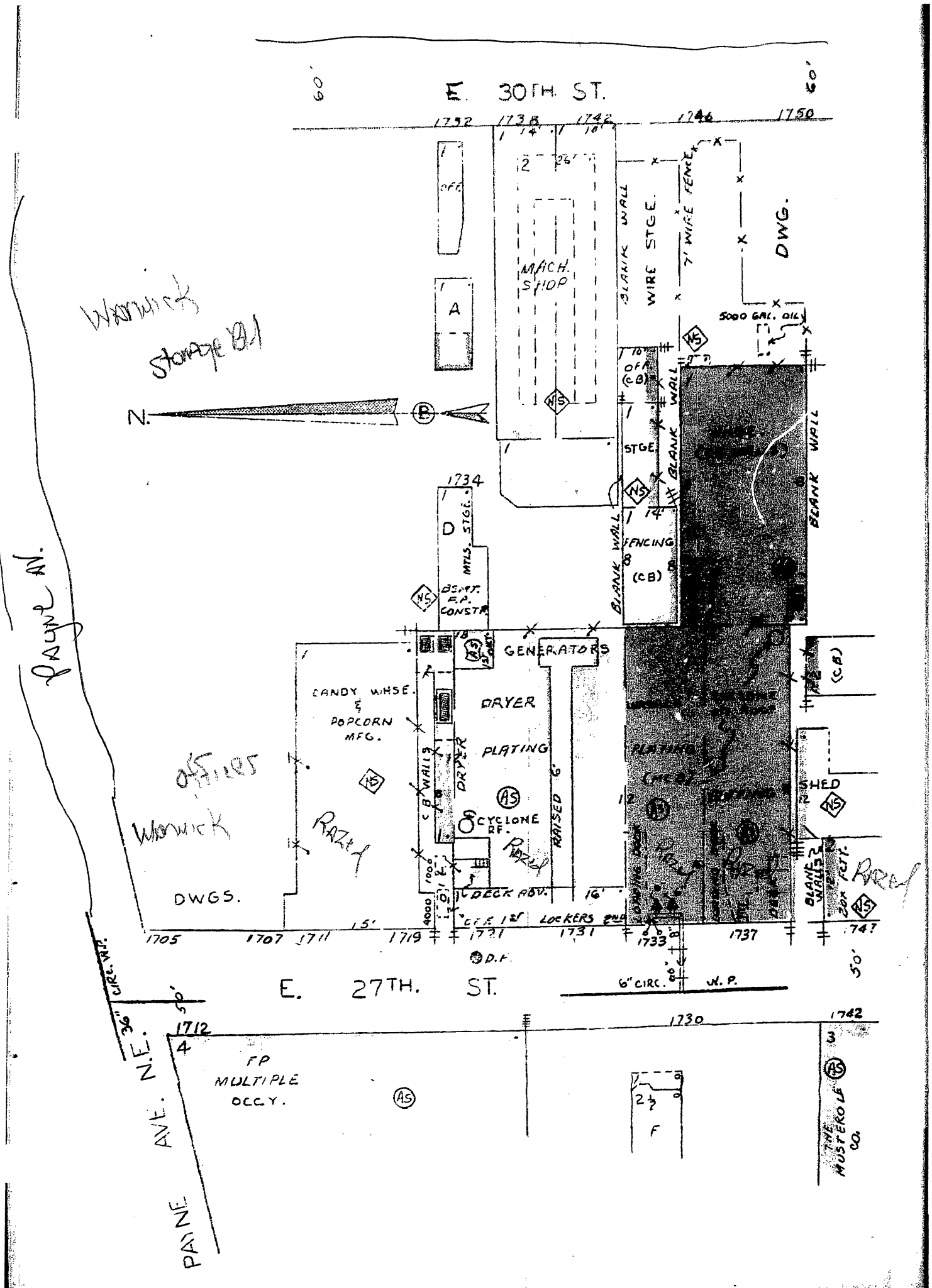
METAL FINISHERS, INC.

CLEVELAND OHIO

JULY 23, 1952 REPORT NO. A100,811

SCALE: 1" = 50' FILE NO. - 24336

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GENERATORS
CANDY WHSE. & POPCORN MFG.
DRYER
PLATING
DRYER
CB WALL
RAISED 6"
CYCLONE RF.
Offices
Warwick
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DWGS.
RAZED
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15'
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PAYNE
THE MUSTEROLE CO.

FILE

CITY OF CLEVELAND
DEPARTMENT OF PUBLIC SAFETY
DIVISION OF FIRE

Permit No. 57

Application No.

File No.

Fee $ 10.00

$

$

$

Total Fee $

Void 11-22-85

Cleveland, Ohio Sept. 5 19 51

Application For Permit to Install Storage Tanks for Hazardous Substances

To the Chief of the Division of Fire:

I, V. & Sutyak (Joe) Metal Furnishing Co. (owner) hereby make application for a permit to install Storage Tanks for Hazardous Substances, as described in this Application and the accompanying drawing which are part of this Application.

1725 E 27

LOCATION AND DESCRIPTION OF LOT

No. and Street 1748-1750 E. 30 St. Sublot No.

LOCATION AND DESCRIPTION OF TANKS

Dimension and Capacity 7'-0" DIA. X 17'-6" LONG

1- 5000 GALLON.

Size of Vent 2" Size of Fill Pipe 3" Thickness of Tank Material 1/4"

Distance from Lot line 5 ft between tanks from street line 110 ft

Distance from Buildings on Premises 5 Ft. Use of Tank Fuel Oil Storage

Installed by Standard Oil Co. Address 3083 Broadway Tel. Di-1-0600

Owner V. & Sutyak (Joe) Address 1725 E. 27 St. Tel.

Comments Estimated Cost 1000.00

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained, and to comply with all ordinances of the City of Cleveland, the laws of the State of Ohio, and all the rules and regulations of the State Fire Marshal, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, relating to the Storing of Hazardous Substances.

Applicant Standard Oil Co. H. Wilson

To the Chief of the Division of Fire:

I hereby certify that I have examined the data furnished by the applicant and the same is approved.

Examiner of Plans Demi Industry 9/5/51 Division of [redacted] Building.

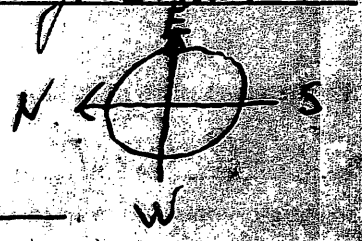
I hereby approve the above application for Permit to install the tank (s).

Elmer M. Cain Chief
DIVISION of FIRE

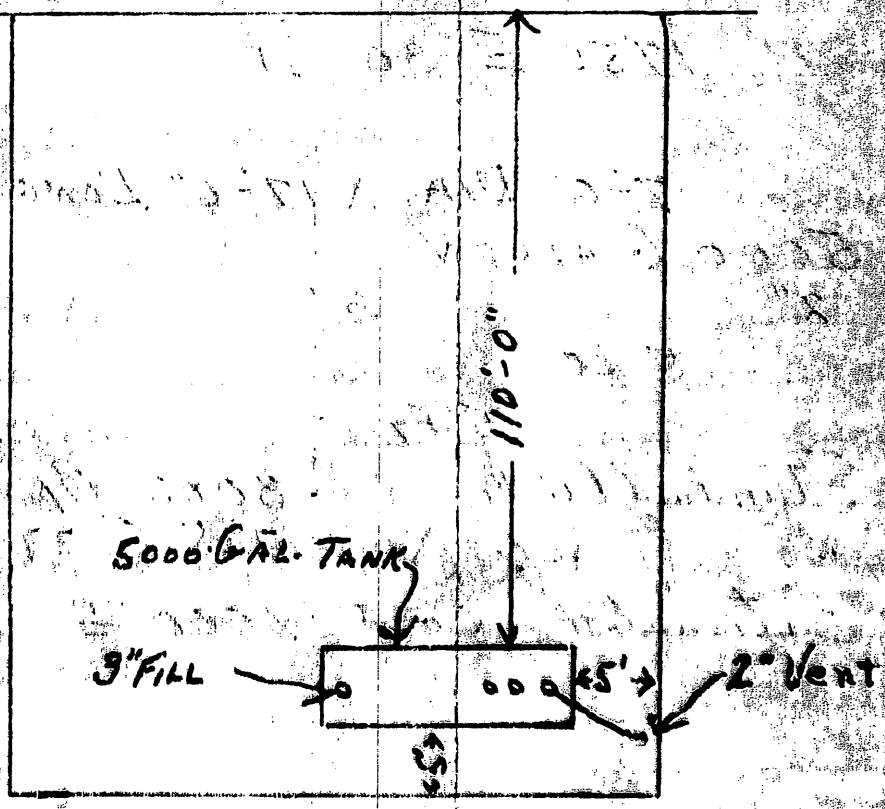
Per Capt N. J. Behnke

SITUATION PLAN

Show all lot, buildings and street lines, giving distances.



1750 E. 30 ST.



FILE NO. 24336
REPORT NO. A100,811
JULY 23, 1952

CONFIDENTIAL

OHIO INSPECTION BUREAU
Columbus, Ohio

ORIGINAL REPORT

METAL FINISHERS, INC.

CLEVELAND, OHIO. 1721-37 East 27th St., incl.
1746-50 East 30th Street.

Sanborn. Vol. 1, Page 85, Block 2. Plan herewith.

CLASS OF RISK: Job plating shop.

OWNER AND OCCUPANT: Metal Finishers, Inc.

ACTIVITY: Normal.

* * * * * *

CONDITION OF FIRE APPLIANCES: Sprinkler equipment in service. Chemical extinguishers satisfactorily maintained. Practically no watchman service.

SUMMARY

A GOOD risk of class. MODERATE exposure. GOOD outside protection. GOOD sprinkler protection from single source wet pipe equipment covering entire risk except space beneath plating tank platform.

AMOUNT SUBJECT: Entire risk.

DESCRIPTION: A medium-sized building, one story brick with negligible basement, all in good repair. Usual hazards involving plating with buffing, well arranged. Unprotected vertical openings. Moderate exposure. Adequate chemical extinguisher equipment. Poor watchman service. Outside sprinkler alarm. Full municipal protection grading Third Class.

All of risk except space under plating tank platform protected by a modern single source wet pipe sprinkler equipment. Good water supply.

HISTORY: A well established local job plating concern at this location for several years.

ADMINISTRATION: Generally good housekeeping. Metal lockers. Sprinkler equipment newly installed.

Loss Record: None.

DETAILS

LOCATION OF VALUES AND FIRE DIVISIONS: All in one sprinklered building.

CONSTRUCTION AND OCCUPANCY: A one story building with negligible basement, having about 38,000 sq. ft. ground floor area. The building is principally plank roof construction with concrete block walls in the south sections, and brick walls in remainder. Small first floor sprinklered office has combustible acoustical ceiling and veneer paneling, remainder open finish.

HAZARDS: Common - Heat, steam unit heaters from low pressure, gas fired boiler located in unsprinklered fireproof boiler room not cut-off. Good combustion controls. Wiring in conduit with negligible defects noted.

Special - Usual plating operations with all metals including silver in various tanks of metal construction. Low pressure steam supplied for process work by listed combination oil and gas cyclotherm steam generator on legs. Breeching has fair clearances to joisted wood roof to iron stack in boiler room. This unit is oil fired from underground 4,000 gallon and 1,000 gallon bulk storage tank located on the north side of the plant by East 27th Street with outside fill, gauge and vent. Burners are above tanks. Good combustion controls. One gas fired drier fairly well arranged with fair combustion controls. One combination washer and drier gas fired with good combustion controls. Vent clearnances satisfactory through wood roof. One caustic washer steam fired, satisfactorily arranged. One electric box type oven, satisfactorily arranged. Another listed combination oil and gas fired low pressure cyclotherm steam generator located in separate cut-off room in the warehouse area. Breeching to brick chimney, satisfactory. This unit will operate as gas fired and oil could be supplied from 5,000 gal. underground tank in the yard located off East 30th Street. Outside fill, gauging and vent is provided. Good combustion controls. In general, above units are satisfactorily arranged with good combustion controls. Buffing is conducted in the south section utilizing numerous double buffing wheels with blower equipment directed to roof cyclone and residue to metal bin inside of building, clearances are satisfactory. Continuous six wheel buffing unit attached to blower equipment with roof cyclone and residue returning to metal container inside the building. Clearances through wood roof unsatisfactory. Wheel dressing is conducted under sprinklered deck in this section and glue pots are steam heated, satisfactorily arranged. Another double buffing wheel is located in the north section used occasionally with blower equipment to roof cyclone and residue returning to inside the building to cloth bag. Motor generator sets are located at the rear end of the property using brushless motors. Hazards in general are moderate with good arrangement. Material used for chrome plating is purchased in limited quantities and satisfactorily stored. Small machine shop with usual arrangement. Occasional tree dipping, but most trees are treated elsewhere. Carboy acid stocks located in yard off East 30th Street. Warehousing grades good.

EXPOSURES: Moderate, principally from unsprinklered brick candy factory to unprotected glass block windows on north. Unsprinklered one and two story brick box factory with blank walls to the south. Unsprinklered one story frame contractor's material storage building and one story unsprinklered brick frame warehouse to blank walls to the east.

PROTECTION: Private - Sufficient chemical extinguisher equipment. Poor watchman service from single station, hourly Sundays only. Outside water motor alarm.

Public - Full Cleveland protection grading Third Class.

SPRINKLER PROTECTION: Equipment - Entire building sprinklered except negligible fireproof basement and boiler room. Central "A" sprinklers installed by Smith and Oby Company in 1952. A wet pipe equipment. All heads above plating tanks are of corro-proof type. Sprinkler heads in the monitor and those located near unit heaters are of the properly rated type. Twenty-four heads located in two loading dock areas are on anti-freeze systems. It is expected property will be fairly well heated, and no part of the system is shut-off in the winter. Sprinklers over motor-generator sets are on a separate shut-off valve.

Water Supplies - GOOD for risk. A 6" connection increased to 8", to a 6" circulating city main in E. 27th Street. A water flow test indicated a static pressure of 56 lbs. Residual pressure was 35 lbs. at grade, equivalent to 28 lbs. at top line of sprinklers, with 820 g.p.m. flowing. Fire department connection provided accessibly located on E. 27 Street.

Deficiencies - Small portion of first floor around plating tanks is wood, raised 2½' above grade, and unsprinklered. Most of this space is damp from tank overflow, and condition not considered serious.

SPRINKLER LEAKAGE: Outside water motor alarm. Poor watchman service. Adequate heat can be expected. Proper rated heads located where needed.

EXTENDED COVERAGES: Windstorm - Risk grades ordinary. Cyclones attached to roof, appear well supported.

No unusual features regarding other Extended Coverages.

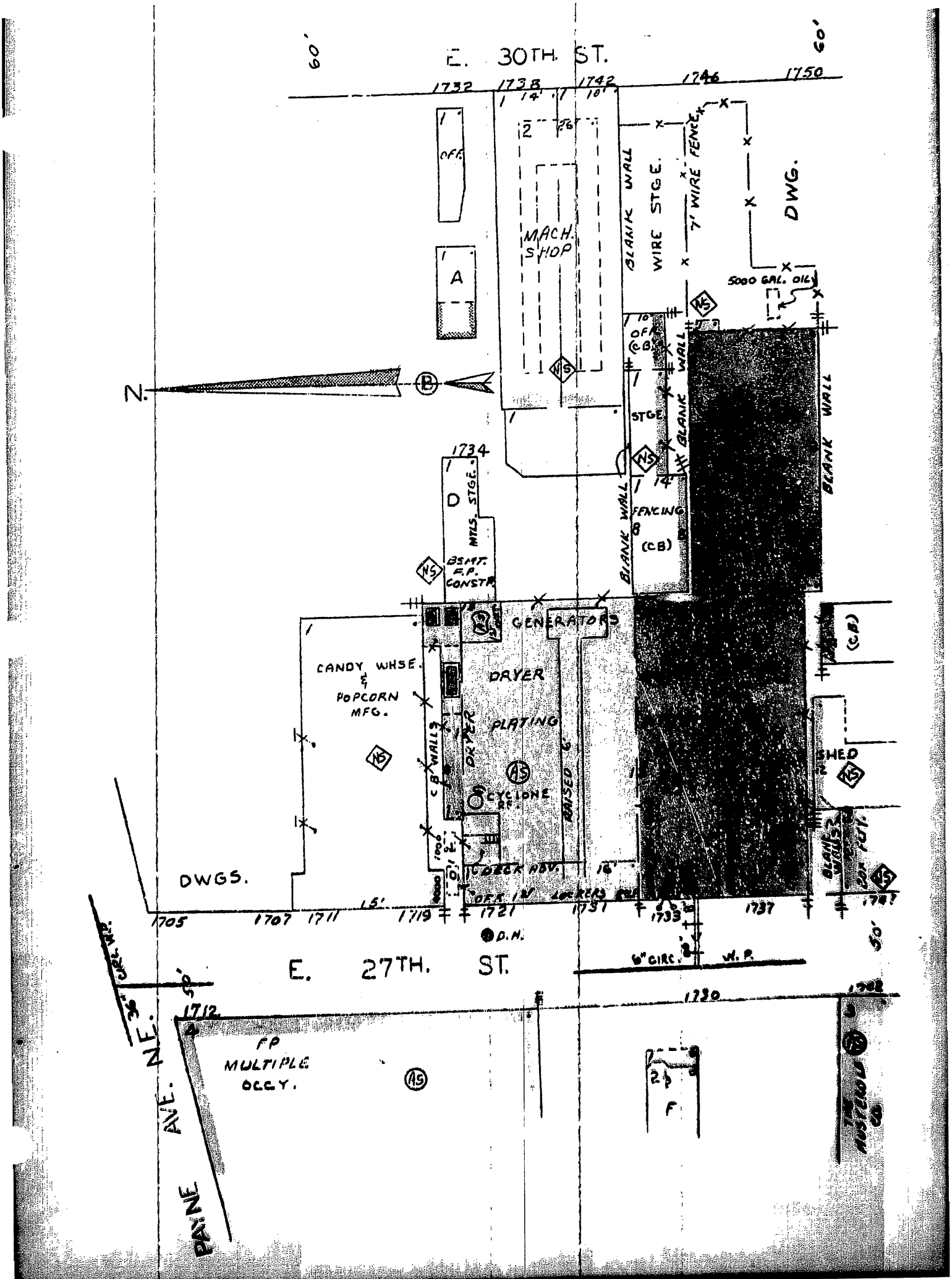
BUSINESS INTERRUPTION: No unusual features.

RECOMMENDATIONS

1. Piping in areas subject to corrosive conditions should be painted.
2. Proper clearances should be provided for all heating devices and vent stacks.
3. Central station watchman should be made standard or provided for the sprinkler equipment.

AG

S. A. Ott, Inspector.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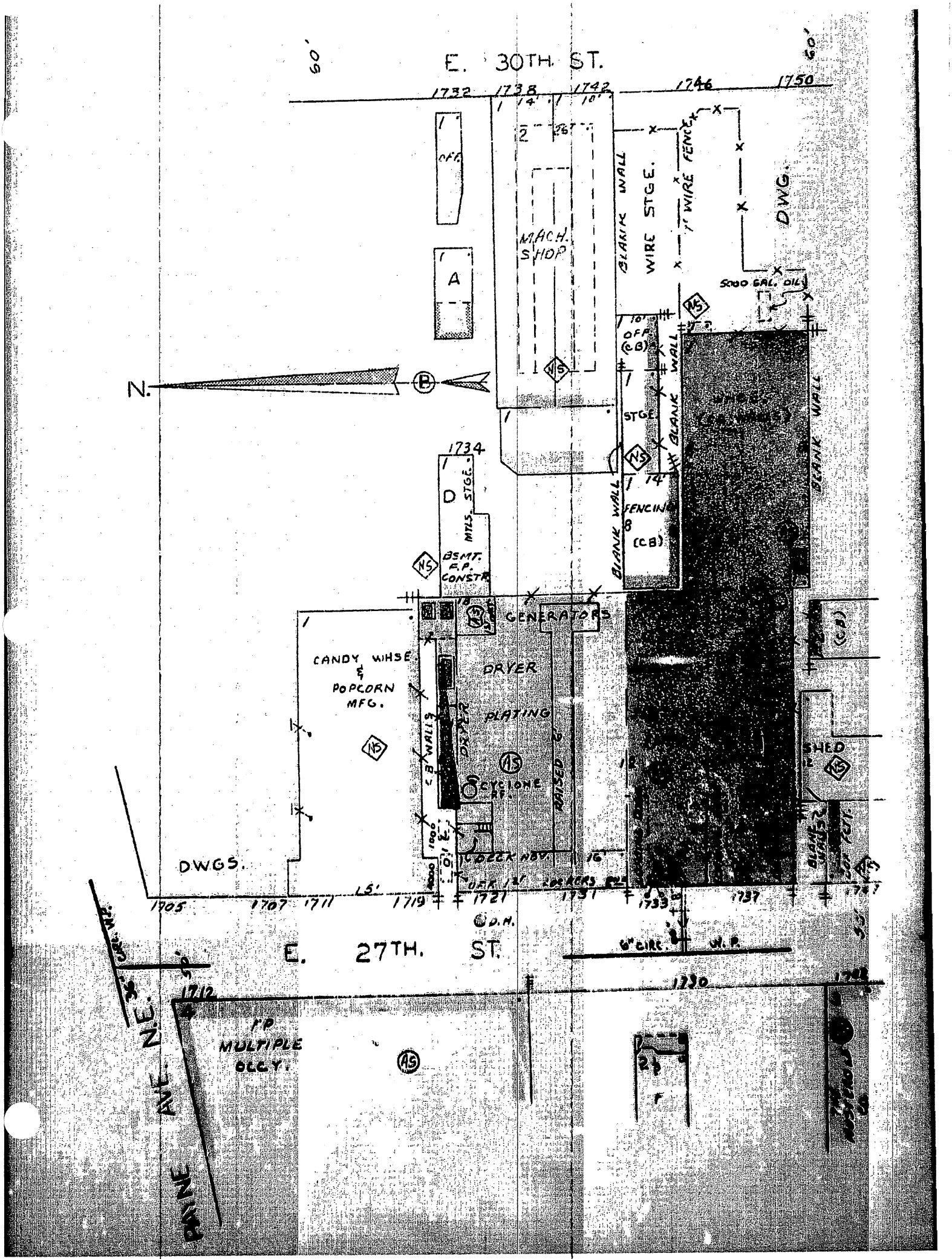
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FENCING
(CB)
GENERATORS
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E. 27TH. ST.
6" CIRC. W. P.
1730
1712
F.P. MULTIPLE DLGS.
DANE AVE.
N.

C OF C 78-204

FILE

FILE

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY

DIVISION OF FIRE

FIRE PREVENTION BUREAU

March 3, 1966

John E. Schlund
Chief

SIR:

Respectfully report the following activity of Lt. Radke:

1725 East 27th St.

1 story, type III, High Hazard occupancy
Approx. 250'W x 360'L x 12'H
Owner: Metal Finesher's, Inc.,
Occupant: Same

Occupancy is that of an electroplating company. High hazard classification is predicated on the daily use and storage of acids, moisture hazardous substances, and cyanides throughout the plant in excess of that permitted by Code.

Building consists of original structure with at least three additions, with entire area subject to one fire. Construction is generally of brick or concrete block exterior walls, concrete floor laid on ground, wood deck supported by unprotected steel posts and beams.

Heating is by five separate low pressure steam boilers in five separate enclosures - 4 gas fired and one oil fired.

Fire protection consists of automatic sprinklers for entire area with the exception of two storage sheds which contain moisture hazardous storage. Two alarm valve system is fed by 8" supply from city water main from East 27th St. frontage and has two anti-freeze systems connected to main system. Sprinkler protection is supplemented by 18 CO 2 & SAA extinguishers which have fair distribution and are properly serviced & secured. (Not Supervised)

Hazards - one 5,000 gal. u/g fuel oil tank in Bldg. #5, 2 - 4,000 gal. a/g. outside acid storage tanks containing sulphuric, & hydrochloric acid - presently emptied -, one 300 gal. u/g tank for gasoline with dispensing pump now located on exterior of bldg., 12 oxy-acetylene units, Chromic acid of approx. 2,000 lbs, ten 15 gal. carboys of nitric acid, three 12 gal carboys of "Iridite", approx. 2,000 lbs of potassium cyanide, 100 lbs. of zinc cyanide, 1,000 lbs. sodium hydroxide, 500 lbs. of potassium hydroxide, one 12 gal. carboy of 50% hydrogen peroxide. There are no use permits for any of above.

Degreasing tank uses nonflammable trichlorethane.

Exit travel and means of egress are in reasonable conformity to requirements.

REQUEST ATTACHED LETTER incorporating violations noted.

Inspector: [signature]

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY
DIVISION OF FIRE
FIRE PREVENTION BUREAU

FILE

March 8, 1971 19—

1725 E. 27 St.
(recheck)

Met with Mr. Mullins, Maint. Supt., who originally told me the hydrocloric and sulphuric acid tanks were 1,000 gal. each. We made further checks as to the size of all tanks.

Sulphuric acid	-	3,000 gal. (above ground)
Hydrocloric acid	-	3,000 gal. " "
Fuel oil tanks	-	4,000 gal. (UG)
		1,000 gal. "
Gasoline	-	200 gal. (UG)

George Harrison

George Harrison, Lt. #2
Inspector

GSF 8.73-200 P.P.B. 4/19/67

C of C 73-225

CITY OF CLEVELAND

on Card 3-21-74 sc

DEPARTMENT OF PUBLIC SAFETY

DIVISION OF FIRE

Permit No. 22495 Fee $ 5.00 Date MARCH 15 19 74

Expiration Date _____ 19 ___

Permit Application
For the Storing, Handling, Sales or Use of Hazardous Substances

Elmer M. Cain, Chief
Division of Fire

Applicant METAL FINISHERS, INC.

Location 1725 E. 27th St.
(NUMBER AND STREET)

Building Height 18' Stories 1 Area: ___ L 250' W 150' Construction 1-2-(3)-4 A-B-C

Occupancy INDUSTRIAL "C" Other occupancy NONE

One Application for each No. Item.

List Kind and Quantity of Substance.

1. Calcium Carbide _____
2. Corrosive Liquids _____
3. Flammable Liquids: 5,200 GALLONS
   Class 1 200 GALLONS
   Class 2 _____
   Class 3 5000 GALLONS
4. Fume Hazard Gases _____
5. Moisture Hazards _____
6. Nitrocellulose Film _____
7. Pyroxlin Plastic _____
8. Tire Ret'g. & Rebldg. _____
9. Refinishing with Highly Flammable Liquids, i.e., bowling alleys, other assemblies _____
10. Dip tanks _____ Spray Booths _____ Spray Rooms _____
11. Unfired Pressure Vessels: L.P. ___ H. ___ O. ___ Acetylene ___ Other _____
12. Other Substances _____

STORAGE

Cabinets ___ Floor ___ Tanks ✓ Vaults ___ Shelves ___

Sealed Containers ___ Dispensing PUMP

Use HEAT Sales ___

REMARKS GASOLINE TANK IS NOW INSIDE OF BLDG FROM THE PUMP. THE TWO FUEL OIL TANKS ARE OUTSIDE IN FRONT OF THE BUILDING.

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained, and to comply with all ordinances of the City of Cleveland, the laws of the State of Ohio, and all the rules and regulations of the State Fire Marshal, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, Relating to the storing, Handling, Sales, Transportation and use of Hazardous Substances.

Applicant Earl M Lee (NAME) Purchasing Agent (TITLE)

(Approved) (~~Disapproved~~) by Lt. Howard Beres (INSPECTOR)

Date 3-15-74

Reasons for disapproval

PROPERTY OWNERS PERMISSION

Cleveland, Ohio _____ 19 ___

The owner of the premises described in the foregoing application hereby grants the leesee or agent permission to store the above mentioned Hazardous Substances at this location.

Owner _____

Address _____

Witness _____

FILE

HAZARDOUS MATERIAL INSPECTION FORM

ADDRESS 1725 E 27 DATE 11-21-85 INSP. DIST. 1 C.T. _

OCCUPANY Teledyne Metals EMERGENCY PERSON Wayne Robins

EMERGENCY PHONE NO. 236-5571 LAST DATE H. M. FORM UPDATED _____

List all flammable and combustible liquids, flammable gases, explosives, oxidizers, corrosives, poisons, and/or any other hazardous material in containers having a volume of more than one gallon or in excess of ten pounds.

MATERIAL	PERMIT NUMBER	QUANTITY	METHOD OF STORAGE	NFPA - 704 H	F	R	SPEC HAZ.
Chromic Acid	22493	1200 LBS	Drums on floor	3	0	1	SC
Sulphuric Acid	"	100 gals	Carboys " "	3	0	2	OX
Caustic Soda (Sodium Hydroxide)	"	400 LBS	Drums on floor	3	0	1	COR

Indicate process involved (spraying, dipping, etc.) Metal Plating

Material Safety Data Sheets Yes ✓ No ___

Proper Placards/Labels Yes ✓ No ___

Employer provides Training Program for Employees Yes ✓ No ___

Storage, handling, and use of hazardous materials are in accordance specific code requirements Yes ✓ No ___

Inspected by _____

REMARKS TEN DRUMS OF SODIUM CYANIDE = 2000 LBS.

FIVE " " POTASSIUM " = 500 LBS

ONE " " COPPER " = 100 LBS

STORED IN SEPARATE BUILDING.

MURATIC ACID = 4000 GALLONS OUTSIDE IN TANK

CHROMIC " 144 CANS - 100 LBS EACH CAN

NITRIC " 105 GALLONS - IN 15 GALLON CARBOYS

SULFURIC " 150 " - " " " "

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained, and to comply with all ordinances of the City of Cleveland, the laws of the State of Ohio, and all the rules and regulations of the State Fire Marshal, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, Relating to the storing, Handling, Sales, Transportation and use of Hazardous Substances.

Applicant Carl J. Nuss (NAME) PURCHASING AGENT (TITLE)

(Approved) (~~Disapproved~~) by Lt. Howard Bines (INSPECTOR)

Date 3-15-74

Reasons for disapproval _____

PROPERTY OWNERS PERMISSION

Cleveland, Ohio _____ 19 ___

The owner of the premises described in the foregoing application hereby grants the leesee or agent permission to store the above mentioned Hazardous Substances at this location.

Owner _____

Address _____

Witness _____

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY
DIVISION OF FIRE
FIRE PREVENTION BUREAU

DEC 10 19[illegible]

Nov. 22, 19[illegible]5

FILE

1725 E. 27
Telydyne Metals

Note - 5000 gal fuel oil storage tank on east side of Bldg. was removed from ground in 1980. Per - Wayne Kolvis (Plant Engineer) Permit # 57 Voided

Inspector: [signature]

COPC 7-80 A P.F.P.B. 4/19/67

MICHAEL R. HOVAN
FIRE MARSHAL

CHRIS J. GANCE
CHIEF INSPECTOR

City of Cleveland

GEORGE V. VOINOVICH, MAYOR

DIVISION OF FIRE
FIRE PREVENTION BUREAU

1645 SUPERIOR AVENUE • CLEVELAND, OHIO 44
TELEPHONE: (216) 621-1230

ALL-AMERICA CITY

file

post

MAR 24 1986
FILE

March 20, 1986

Teledyne Metals
1725 E. 27th Street
Cleveland, Ohio 44114

Re: 1725 E. 27th Street
NOTICE OF VIOLATION

Dear Sir:

This division made an inspection of the subject location on March 13, 1986, and noted the following hazard condition:

Underground storage tank abandoned in an unapproved manner. Ohio Fire Code 1301:7-7-28 F-2804.6(C)(3).

This matter is being brought to your attention so that the condition can be remedied. This hazard is to be corrected as follows:

Remove all flammable or combustible liquids from the tank and all connecting lines. Disconnect the suction, inlet, gauge, and vent lines. Fill the tank completely with an inert solid material. Cap remaining underground piping. Keep a record of tank size, location, date of abandonment and method used for placing the abandoned tank in a safe condition. Procedure must be witnessed by a Fire Official.

If this correction is not made within thirty (30) days from the date of this letter, a Fire Safety Citation will be issued. Communications relative to this NOTICE OF VIOLATION should be directed to Inspector Akram at the above address.

Sincerely,

Michael R. Hovan, Fire Marshal

MRH/bcd
CC Insp. Akram
File ✓

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY
DIVISION OF FIRE
FIRE PREVENTION BUREAU

Sept 25 1986

Report on tank fill in place

OCT 03 1986

FILE

Teledyne Co.
1725 E 27 St
Cleveland, Ohio

I witness the filling of a 300 gal. U/G. tank at the above location. Day Construction was the contractor phone no. 251-4775
Their was no permit for this tank. Reason that I let them fill in place is tank was inside building. The location was south west end of building on E 27 St.

Inspector: R. M. [illegible]

DOFC 73-10 8A F.P.B. 6/19/67

Total Fee $100.00

CITY OF CLEVELAND
Department of Public Safety
Division of Fire

Permit # 0356

Date of Application 8-21-91

APPLICATION to REMOVE 2 TANKS for ALL SUBSTANCES, other than water, above ground ___ underground X inside ___ outside X other ___

1725 East 27th Street (LOCATION) Teledyne Metal Finishers (OCCUPANT)

Tank spec's ASME ___ API ___ ICC ___ UL ___ Other ___

PUMPS: type ___ submerged ___ inline ___ remote X. Valves req'd; ___ relief ___ excess flow ___ impact ___ internal check ___ other ___ swing line ___

UNDERGROUND: Depth of fill cover (circle) 1½'; 2'; 2½'; 3'; 4'. Type of fill cover; ___ Sand bed & fill, 6"; 12".
ABOVE GROUND: Dikes (state dimensions, capacity & material) Concrete containment wall 4' high x 6" wide

Grounding arrangement: ___ support protection: Concrete saddles

1 Tank(s) cap. 6,000 size 8' dia. x 15' long gauge ___. Vent size 2", ___, arrestor req. ___ fill size ___ Fee $50.00
Distances to, lot line 20' street line 250' between tanks 3' building 8'. Contents Chromic acid (normal emrg.) type Steel ident. ___

1 Tank(s) cap. 6,000 size 8' dia. x 15' long gauge ___. Vent size 2", ___, arrestor req. ___ fill size ___ Fee $50.00
Distances to, lot line 20' street line 250' between tanks 3' building 19'. Contents Muriatic acid (normal emrg.) type Steel ident. ___

___ Tank(s) cap. ___ size ___ gauge ___. Vent size ___, ___, arrestor req. ___ fill size ___ Fee $ ___
Distances to, lot line ___ street line ___ between tanks ___ building ___. Contents ___ (normal emrg.) type ___ ident. ___

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained and to comply with all the ordinances of the City of Cleveland, the laws of the State of Ohio and all the rules and regulations of the State Fire Marshall, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, relating to the Storage of hazardous Substances.

Applicant [signature] SIGNATURE ChemServ for Teledyne Chief Walter V. Zimmerer 03

___ per O. Zakrodnig FIRE PREVENTION BUREAU Zoning: Map ___ Sh ___ – Use ___

Removed by ChemServ Environmental Company Tel: (614) 771-1881

Mike Greene Ohio BUSTR License 10-89-0392

Remarks Both tanks have been cleaned and emptied.

REMOVED 9-18-91 CRCB

C OF C 73-226 "B" F.P.B. 4/1/89

PLANTP

E: 5/17/91
...VISION NO: 0
(PIT LAYOUTS)

E
N <-- S
W

TELEDYNE METAL FINISHERS
1725 EAST 27 TH STREET
CLEVELAND, OHIO 44114
(216) 696-0511

>>>>>>>>>>>>>>>>>>>>>>>>
> PLANT LAYOUT >
> BUILDING 0 1 >
> FLOOR 1 >
>>>>>>>>>>>>>>>>>>>>>>>>

NOTES:

THE SYMBOL "+" DENOTES EYEWASH STATION

THE SYMBOL "‡" DENOTES FIRE EXTINGUISHERS

‡A = SPARE OPEN HOLDING TANK

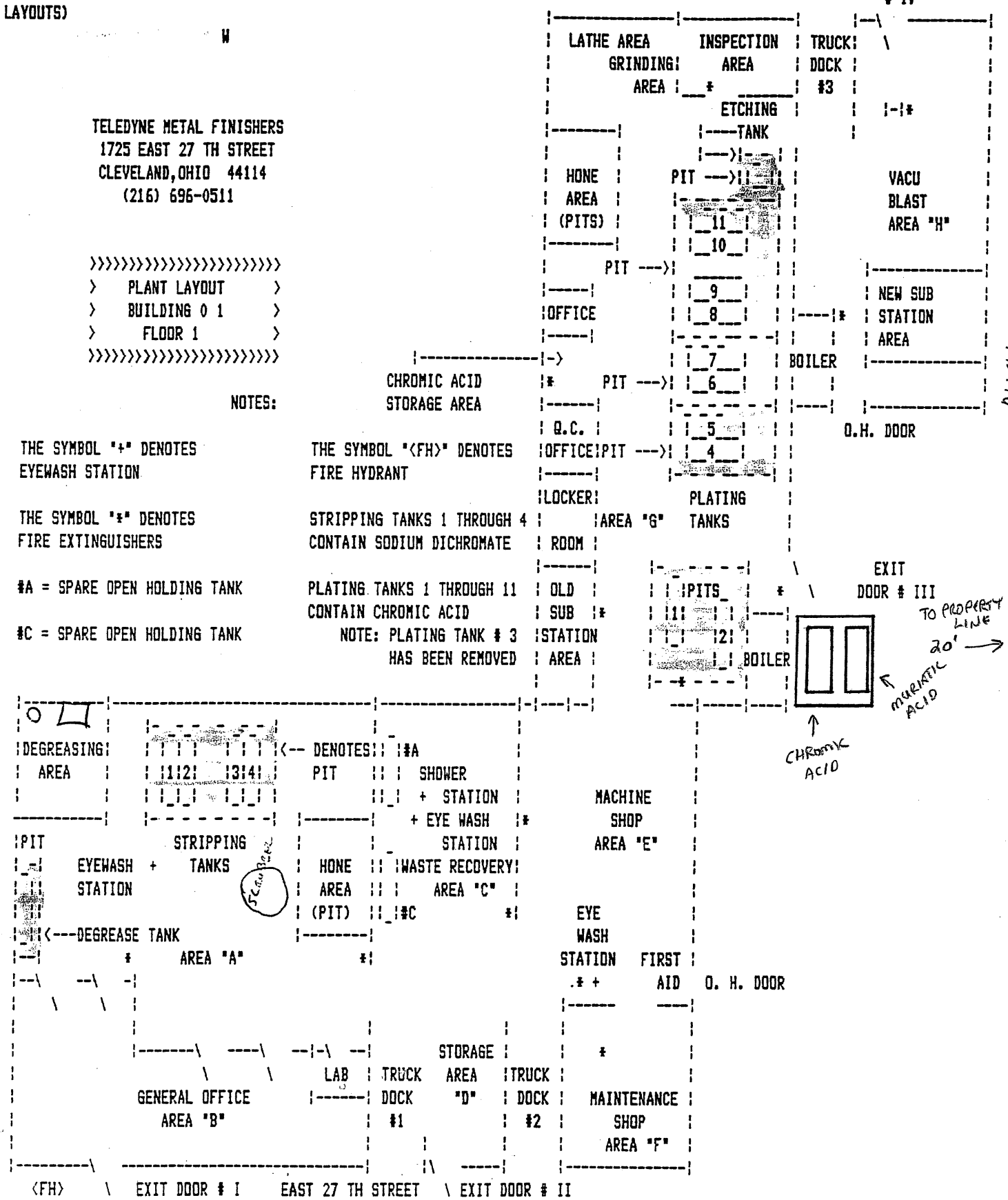
‡C = SPARE OPEN HOLDING TANK

THE SYMBOL "<FH>" DENOTES FIRE HYDRANT

STRIPPING TANKS 1 THROUGH 4 CONTAIN SODIUM DICHROMATE

PLATING TANKS 1 THROUGH 11 CONTAIN CHROMIC ACID

NOTE: PLATING TANK # 3 HAS BEEN REMOVED



DATE: 9/18/91

TIME: @1100

TANK INSTALLATION/REMOVAL ROUTING FORM

LOCATION: 1725 East 27th Street FACILITY: Teledyne Metal Finishers

X A/G TANKS SIZE & NUMBER: two(2) 6,000 gal. tanks

U/G TANKS SIZE & NUMBER:

CONTRACTOR: Chem-Serv. 614 771-1881

Timothy L. Freemand 10-89-0395 exp. 1/10/92

INSPECTOR (S): Insp. Grace

SITE CONDITIONS:

X a. General Safety (Source of Ignition, etc.)

X b. Tanks empty of product [note type of product(s)] Muriatic Acid
tanks not use for over five years

X c. Tanks purged (How?)

X d. Conditon of tank(s): Very bad

X e. Contamination: None noted at this time
concrete dike build under tanks

X f. Permits (Tank Installation/Haz. Sub.)

Voided? Permit No.(s).
removal permit 0356

REMARKS: tanks to be clean on site and cut up for scrap.
ENSR Consulting and Engineering - Scott C. Veenstra

FPB revised 1/16/90

Site #41
1400 East 30th Partners

FORM 211-73

FILE

HS-21872 - 1/18/71

V010 - 9-20-71

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY - DIVISION OF FIRE

BUILDING RECORD

C. T.

FIRE PREVENTION BUREAU

STREET E. 30 HOUSE No. 1390 - 1420 BLDG. NAME

STORIES 4 CONSTRUCTION BRICK, 6 cl 75 x 253 x 50

OCCUPANCY Factory

OWNER or AGENT Linwood R/Ty. ADDRESS Same

FOR PARTICULARS SEE INSPECTIONS BY WARDENS OR COMPANIES UNDER DATES LISTED BELOW IN INSPECTION FILE No. 1

Enter All Fires In Chronological Order In Red Ink

Date	Inspector	Conditions Found	Closed
11-27-40	Dempsey & Mc Clure	W. P. A. Branch - Made several recommendations. (see report of this date in FILE 1)	
10-3-41	Dempsey	Aircraft Fitting Co. occupies entire 3rd fl. 6 cl. Sprinkler system. Lathes and shapers set up temporarily with exposed wires. Ordered enclosed in conduit. Ordered more extinguishers. Other violations 2 men have training, use of fire extinguishers. Special Report	
10-3-41	Dempsey	Factory Bldg Aluminum Plant Clean up 3rd floor. see special report all others are in good order	OK OK
10-6-41	"	Delivered "No smoking" signs	
11-17-41	"	Complaint - about small lathe for smoothing off wood wheels. No objectional hazard.	
12-5-41	"	Called. No connection with this bureau. Health Dept.	
3-26-42	Stanton	Called at The Ohio Box Board Bldg with Chief Martin O'Brien to form a fire Brigade also found 25 to 30 employs working in basement both only one exit recommended one more exit on the south side of Bldg also found siamese connection in bad condition had Maintenance man repair before leaving	
-27-42	Stanton	it will be necessary to make several other recommendations when Inspection is complete	
-28-42	Stanton	accompanied Chief M. O'Brien on Inspection Mr Kemple state that he would be placed to comply with what recommendations we offer	

STREET E. 30

HOUSE No. 1390-1420

OTHER FRONTAGE

E. 5 - 30

STREET HOUSE NO. BLDG. NAME

Date	Inspector	Conditions Found	Closed
1/23/42	Dempsey	Aircraft fittings Co. In process of installing alterations. Have fire trucks on each floor and intend to train 30 fire brigade men. Chief O'Brien has also called. Cleveland Lithograph Co Ordered a general cleanup in plant.	
2-26-46	Sweeney	M & N Cigar Mfg Co no exit signs to fire escape or stairway on 4th fl the same on 3rd fl Ordered same be Provided for daily says & kept Cleared & fire Escape also are blocked Ordered the above abated	
7-11-46	Butterbach	139 - Myer Tobacco Co	ok
	"	1400 - Aircraft fitting Co - Ordered gates shown to be repaired in stairway	
6 " -	Dempsey	M & N. Cigar Co assisted when a girl got her hand Caught in Cigar Wrapping Machine -	
12-30-49	Heller	Inspected see attached form. Rec.- Remove wedges from stairs & keep stair door closed.	FILE
3-10-52	Sargent	C5 Bus. no certificate of Qualification	
3-13-52	Ruddy	[redacted] Metal to Mr. [redacted] Will stop back	
3-21-52	Ruddy	[redacted] abated Metal Issued application for Permit	
7-6-56	Madison	See report. Letter requested	
7-10-56	Summons	Issued, no letter sent.	
5-8-57	#3566 @	2:39 P.M. Bonfire. $25.00	
5-9-57	711	Sweeney - Hubert Bonfire	
7-1-57	Lyons	Orders, Towner mark sprkr risers, paint branch lines, post indicator Shut off Protect Co Rack Mfg Co. proper metal strg cntr - Shipping Material, Remove unnecessary combs. provide 2 Cat. Bins for cardboard & paper storage	
11/3/61	Lyons	Mayer Mfg. - See report	
11/16/61	Lyons	Not abated	

FORM 211-73

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY - DIVISION OF FIRE

FIRE PREVENTION BUREAU

BUILDING RECORD C.T. G. 5

STREET EAST 30 ST. HOUSE No. 1396-1400-20 BLDG. NAME

STORIES 4 CONSTRUCTION BRICK 240 X 61 X 62

OCCUPANCY ML-C-P Mfg. Fittings Bus / Ind. N.C.

OWNER or AGENT Aircraft Fitting Co ADDRESS 1400 E 30th

FCR PARTICULARS SEE INSPECTIONS BY WARDENS OR COMPANIES UNDER DATES LISTED BELOW IN INSPECTION FILE No. R. Schanfarber

Enter All Fires In Chronological Order In Red Ink

STREET: EAST 30 ST.

HOUSE NO.: 1396-1400 - 1420

OTHER FRONTAGE

Date	Inspector	Conditions Found	ABATEMENT ORDERED	ORDERS COMPLIED WITH	SUMMONS COURT	Closed
9-12-40	Dempsey	Factory Bldg. 2 wood stairs & 2 fire escapes sprinklered, all in good order				O.K.
1-18-41	Stanton	O.C. 1/29/41 abated at 1400				O.K.
1-10-41	Stanton	O.C. 1/29/41 Violation abated at 1400				O.K.
1-23-43	#8300 @	12:07 P.M. Heater near wood work. E 25.00				
1-8-46	Dempsey	aircraft fitting co. add				O.K.
1-46	Sweeney	aircraft Fitting Co Ordered exit signs for stairway & fire Escape signs throughout the Bldg. Ordered fire doors on exit & 2nd floor be connected with fusible link & connect standpipes				
5-9-49	Dempsey	Aircraft Fitting Co & Power house & Garage -				
8-31-50	Masterson	M. & N. Gas Co. Conditions				God.
1-14-59	Lyons	RE.CH.RE: Void fire resis. room, wood furn. base. cond cont'd. Abated				
7/28/59	Lyons	RE CH. RE: Repair siamese & sprinkler intake at face of Bldg. Installed. Abated				
7-7-60	#5483 @	9:44 A.M. Overheated Motor				
7-11-60	Lyons	Insp. RE: Fire Alert Lint in motor. Ordered 3-CO2 Ext. & Fan is removed to outside of Bldg. & hand pumps installed Notice sent				
8/25/60	Lyons	Reflect (1400) Epprey Knitting Co. Complete abatement				
1-62	911	Lansing McKenna 1½ ton Chevy Truck				
9/15/62	#8614	@ 8:23 P.M. Truck L.W. 303 Unfounded				False Alarm
9/15/62	Connelly	@ 8:32 P.M. Chas. Lyell Co. #3 Lansing				
1/23/63	#646	@ 11:30 A.M. In flammable Close to Heater				
6/20/63	#6064	@ 10:34 P.M. Incendiary				False Alarm

STREET E. 30th St. HOUSE No. 1390-1420 BLDG. NAME

Date	Inspector	Conditions Found	Abatement Ordered	Orders Comp With	Summons Court	Closed
6/20/63	711	Cox Lyons Photos Dan Grady -			Continue	
6/21/63	711	Habeck Ohlyeh	See report			
6/24/63	711	Habeck Olboh	Continue			
6/26/63	711	Cox Lyons See report				
7/8/63	71	Cox Lyons Vandals				
12/17/63	Eng 14	Major Jones				
12/26/63	Radke	C/Eng #14 Two means of egress required -				Continue
1/10/64	Radke	Refer Bldg #39-64 FILE		Means of egress		
4-28-66		Anonymous letter in mail Re: Smoking Lazar 1st to St.				FILE
-29-66	Finek	Insp ~~Re: Letter~~ 1400 E 30				FILE
-12-66	"	Complaint				
3-9-67	Radke.	Insp. See report. V/O's issued				FILE
		Refer to Bldg. #586-67				FILE
3-31-67	Radke.	Re: Carl Drapery Co. - C/O obtained for Fl. Lig.				
		Window to fire escape is unlocked during normal working hrs.				
		Containers for combustible wastes needed for complete abatement				
-67	Radke.	Re - Recheck. 1400 - See Report.				
		1410 - Bi Craft. See Report.				
		1390 - Paul Barrow. - See Report.				
		1420 - William Drugs. See Report.				
5/10/67	Radke	Desired Info on F/P See Report				
5/11/67	Radke.	@1400 Violation Abated				
1-29-68	BBS+A	Docket A-49-67 Resolution				FILE
1-18-71	Harrison	Insp. V/O's issued				FILE
2-22-71	Harrison	Re Insp. Viols abated -				
11-2-72	Benes.	Fire Invest. F/S # 15556	Permit Ignition			See Report FILE
9-18-73	Benes.	Insp. V/O's issued See Report.				
11-2-73	Benes.	Re Insp. 3 Viol's Pending are now abated.				
6/22/74	#15348	@ 9 Am OVHTD MOTOR				19 000.00
11/7/75	Benes	Insp - V/O's				FILE
11/21/75	Benes	Recheck - viols. abated				
12/29/76	Benes	Insp. - V/O				FILE
- 19-78	Benes	Insp. 2 viols.				FILE
-3-78	Benes	Recheck - No action on 2 viols.				
-30-78	Benes	Recheck - no action on 2 viols.				
-2-78	Benes	Recheck - still pending - 2 viols.				
-3-78	Benes	Recheck - 2 viols still pending.				
-24-78	Benes	Recheck - 2 viols still pending				

1390-1420 E 30th St.

DATE	INSPECTOR	REMARKS	
6-23-78	Beres	Recheck = 1/2 vols abated.	
8-18-78	Beres	Recheck = no action.	
9-19-78	Beres	Re/ck - Send Certified Letter -	FILE
9-21-78		Sent letter to Mr. Winston Tyree	FILE
10-25-78	Beres	Recheck	
10-26-78	Beres	Recheck = vol. abated.	
6-15-79	Beres	See Report	FILE
7-16-79	Beres	Recheck	
1-15-81	Beres	Insp. no v/o's	
9.22.81	E 14	No Vio	
4-26-82	GANCE C	- Complaint Storage of FL AM Liq.	FILE

T

CITY OF CLEVELAND
DIVISION OF FIRE
FIRE PREVENTION BUREAU

Address	Inspection District	Census Tract
1390-1420 East 30th St.	01	

Property Name	Property Number	~~Structure No.~~	Fire Demand Zone
		F-1	

Responsibility Party	Address	Telephone

Parcel No.	Type of Construction	Number of Stories	Ground Floor Area
		4	76 x 252 x 50'

FOR PARTICULARS SEE INSPECTIONS BY INSPECTORS OR COMPANIES UNDER DATES LISTED BELOW. ENTER ALL FIRES IN CHRONOLOGICAL ORDER IN RED INK.

DATE	INSPECTOR	REMARKS
1-15-81	Benes	Insp. No Viols.
9-22-81	E.14	No Viol..
4-26-82	C. Gance	Complaint. Storage of Flam. Liquid FILE

STREET 1390-1420 East 30th St. HOUSE NUMBER

SU 10-9-85

CITY OF CLEVELAND
DIVISION OF FIRE
FIRE PREVENTION BUREAU

Address		Inspection District	Census Tract
1400 East 36th St.			
Property Name	**Property Number**	**Structure No.**	**Fire Demand Zone**
Sharpy's Sub			
Responsibility Party	**Address**		**Telephone**
Parcel No.	**Type of Construction**	**Number of Stories**	**Ground Floor Area**

STREET

HOUSE NUMBER

1400 East 36th St.

FOR PARTICULARS SEE INSPECTIONS BY INSPECTORS OR COMPANIES UNDER DATES LISTED BELOW. ENTER ALL FIRES IN CHRONOLOGICAL ORDER IN RED INK.

DATE	INSPECTOR	REMARKS
10/9/85	Beres	Plans & Perm. # 3978 Approved for Chemical Systems ~~10/9/85~~
11-1-85	Beres	Suppression Test Approved
8-14-90	Smith	Annual Insp. See Report file
8-27-90	Smith	Complaint Insp 3 Viol's (SR) file

C OF C 73-211

Site #42
CB Realty

C OF C FORM 73-211

FILE

CITY OF CLEVELAND

BUILDING RECORD

DEPARTMENT OF PUBLIC SAFETY—DIVISION OF FIRE

FIRE PREVENTION BUREAU

C. T.

STREET SUPERIOR AVE HOUSE No. 2975-2975 BLDG. NAME

STORIES 1 II CONSTRUCTION Brick 165 x 90 x 26 H

OCCUPANCY Armstrong Cork Co.

OWNER OR AGENT Landmark Realty ADDRESS 1400 E 30

FOR PARTICULARS SEE INSPECTIONS BY WARDENS OR COMPANIES UNDER DATE

LISTED BELOW IN INSPECTION FILE NO.

Enter All Fires In Chronological Order in Red Ink

Date	Inspector	Conditions Found	Closed
-13-54	Rehberg.	3 large underground have been taken out of ground and left on bldg site. Ordered J. M. Peters Construction to remove said tanks from site as they are not properly sealed.	
-6-65	Finck	Insp	
/30/66	Finck	Insp Refer Bldg #1669-66	FILE
/18/66	Finck	Re Ch 3 abated continue	
-66	BFNFP	Docket A-76-66	FILE
/66	Finck	Reinsp 1 abatement continue	
/28/66	Finck	Re Ch 1 abatement	
-23-67	Finck	Re Insp 1 abatement complete	
2-4-68	Finck	Insp. See report.	FILE
12-4-70	Benes	Insp OK	FILE
-12-73	Benes.	Insp. 1 viol noted.	FILE
4-24-73	Benes	Re Insp. 1 viol now abated	
8-27-74	Eland.	Re Proposed. Paint Storage FILE	Proposed occupancy
8-28-74	Eland.	re Proposed. Paint Storage FILE see report	attached
-28-74	Eland.	re Re Fire Cond. FILE	
4/30/75	Benes	Alteration permit # M41067 Partition work not started	
11/19/75	Benes	Insp. - V/O	FILE
12/8/75	BENES	RECHECK - VIOLATION - ABATED	
12/8/76	Benes	Insp.	
12-20-77	Benes	Insp - 1 viol.	FILE
2-27-77	Benes	Recheck - partial abatement.	
-5-78	Benes	Recheck - 1 viol. abated	
-79	Benes	Site Inspection	
1-8-81	Benes	Insp. no V/O'S	
-24-81	L7	No Viol	

STREET SUPERIOR AVE

HOUSE NO. 2975-2975

OTHER FRONTAGE

E. 1-17

Occ. to Wade Co

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY

DIVISION OF FIRE

FIRE PREVENTION BUREAU

FILE

Dec. 2, 1976 19

Address: 2875 - 2975 Superior

Description: One & two story brick/ Type II & III/ 16' & 26'

Owner: Landwood Realty Co. 1400 E. 30th St.

Occupancy: Storage & Business

Occupants: At 2875 is Frank Bickoff's Carpet
At 2975 is American Federal, State, County Municipal Employees
DC # 78 Union * President: Hubert Bryant ' Dir. Robert Brindza

Permits: None

Gen. Info: Their has been no changes since my last inspection which was Nov. 19, 1975.

Violations: None noted.

Inspector: [signature]

Site #43
KNC Building

C of C 73-211 **FILE** HS-21900-12-15-70 HS-21901-12-15-70 HS-21902-12-15-70

CITY OF CLEVELAND

BUILDING RECORD

C. T. _____

FA 5012 10-27-69

DEPARTMENT OF PUBLIC SAFETY—DIVISION OF FIRE
FIRE PREVENTION BUREAU

ST. ET Payne HOUSE No. 2635 BLDG. NAME

STORIES 1 CONSTRUCTION Type II

OCCUPANCY Store + Service

OWNER OR AGENT B.F. Shaw Co. ADDRESS 520 S. Main St.

FOR PARTICULARS SEE INSPECTIONS BY WARDENS OR COMPANIES UNDER DATE

LISTED BELOW IN INSPECTION FILE NO. _____

Enter All Fires In Chronological Order in Red Ink

Date	Inspector	Conditions Found	Closed
1/20/63	Jarosek	Approved plans for new W 155'-D 60' Type II Bldg. Masonry and glass with a metal roof. Three fire areas. Metal doors. 100' Fire hose reel centrally located in Service Area. Rec. C-F-D Threads	
1/21/63	Sobie	Investigation re u/g tank status of which is unknown. will follow up.	
1/27/64	Sobie	Target for u/g tanks to be removed	
1/29/64	Sobie	Lengthy RE location of tank	
1/31/64	Sobie	Re Ck RE Abandoned U/G tank	
2/4/64	Sobie	Tank ready for abandonment	
2/28/64	"	Nothing New	
3/20/64	Sobie	Check aband. of U/G tank 5000 gal. filled w/water for 2 weeks - minor flashes + ignition - no injury. letter requested.	FILE
3/27/64		Letter Sent ~~3-27-64~~ 234-64	FILE
7/26/66	Lenck	Insp 5,000 gal U.G. tank abandoned 3/27/64 Letter in file	FILE
5/4/67	Lenck	R. 1 Viol. Light	
12-4-69	Linik	X-Mas Check	
12-7-70	Benes	Insp 2 Viols See report	FILE
12-15-70	Benes	Reinsp 1 Viol abated. issued applications for F.L. sulphuric acid + 2 PVs	
9-11-73	Benes	Insp	FILE
10/27/75	Benes	Insp. - V/O	FILE
11/13/75	Benes	Recheck - viol. abated	FILE
12/22/76	Benes	Insp.	FILE
1-[illegible]-78	Benes	Insp	
2-4-79	Benes	Insp.	
1-7-81	Benes	Insp. no V/O's	
2-24-81	27	No Viol	
2-22-84	Dwyer	Insp. 1 Viol	

Payne Ave 2635 E14

STREET HOUSE NO. OTHER FRONTAGE

STREET HOUSE No. BLDG. NAME

Date	Inspector	Condition Found	Closed
2-27-84	Dreyer	Reinsp - 1 abatement	
4-12-85	Kucharske	Complete no viol	
6-9-85	12501 C	1:14 Am. Incendiary $ 500.00	
7-20-85	15935	C 0040 - Incendiary $5000.00	
9-26-89	Keith	plans review see report	file
10/20/89	KEITH	F/A PLANS REVIEW SEE REPORT	FILE
6/6/90	Hearns	FA test Disapproved	
7/24/90	Hearns	FA Test disapproved	file

CITY OF CLEVELAND
DIVISION OF FIRE
FIRE PREVENTION BUREAU

Address		Inspection District	Census Tract
2635 Payne Avenue		B-1	
Property Name	**Property Number**	**Structure No.**	**Fire Demand Zone**
Newspaper Sales			
Responsibility Party	**Address**		**Telephone**
Parcel No.	**Type of Construction**	**Number of Stories**	**Ground Floor Area**

Payne Avenue — STREET

2635 — HOUSE NUMBER

FOR PARTICULARS SEE INSPECTIONS BY INSPECTORS OR COMPANIES UNDER DATES LISTED BELOW. ENTER ALL FIRES IN CHRONOLOGICAL ORDER IN RED INK.

DATE	INSPECTOR	REMARKS
5-5-93	Keick	F/A Plans Review, file report
6-11-93	Graham	Partial Insp. no viol

C OF C 73-211

Site #44
EJ Investments

FORM 211-7 **FILE**

Void 12-11-73 — AS 1607 10-24-51 — " 3570 12/24/52

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY - DIVISION OF FIRE

FIRE PREVENTION BUREAU

BUILDING RECORD

C.T. H. 3

STREET PAYNE AVE. HOUSE No. 2630 BLDG. NAME

STORIES 4 CONSTRUCTION BRICK I 110x150x58H

OCCUPANCY Manuf. GRAPHIC ARTS BLDG

OWNER or AGENT ADDRESS

FOR PARTICULARS SEE INSPECTIONS BY WARDENS OR COMPANIES UNDER DATES LISTED BELOW IN INSPECTION FILE No. 1

Enter All Fires In Chronological Order In Red Ink

Date	Inspector	Conditions Found	Abatement Ordered	Orders Complied With	Summons Court	Closed
9-5-40	Dempsey	Fire proof factory sprinklered 2 fire				
		stairs. 4th floor W.P.A. sewing Project				O.K.
		3rd floor W.P.A. Sewing Project				O.K.
		2nd floor Adams Lithograph Co				O.K.
		1st floor Turner Type Founders				O.K.
10-7-41	Dempsey	Turner Type Founders Bldg.				
		4th fl. Curtis Printing				
		3rd " Squibbs Drugs				O.K.
		2nd " Unger Printing				
		1st " Turner Type Founders				
		" Atlas Print & Litho.				
2-5-44	Tischler	C. Comp. No lights in rear				
		stairway notified Mr Fisher				
		of Turner Type founders Co to				
		replace lights in rear				
		stairway and install exit				
		lights on outside door leading				
		to the stairway.				
2-26-44	Tischler	Turner Type Bldg Violation				
		abated				OK
-15-46	Rutenbeck	Business				OK
-8-46	Sweeney	Turner Bldg all in good				
		Order except 3rd fl the Co				
		Squibb Drug Co has about				
		10,000 lbs of Ether in 1/4				
		lbs cans stored in a fire proof				
		vault, Housekeeping good				
		2 fl the Turner Type Co gave 10				
		day to remove Stock & Compressor				

PAYNE AVE. STREET — 2624-2630 HOUSE No. — OTHER FRONTAGE — WK. 31 — E14

ORM 211-73

CITY OF CLEVELAND

BUILDING RECORD

DEPARTMENT OF PUBLIC SAFETY—DIVISION OF FIRE

C. T.

FIRE PREVENTION BUREAU

ET Payne Ave HOUSE No. 2630 BLDG. NAME

STORIES CONSTRUCTION

OCCUPANCY

OWNER OR AGENT ADDRESS

FOR PARTICULARS SEE INSPECTIONS BY WARDENS OR COMPANIES UNDER DATE

LISTED BELOW IN INSPECTION FILE NO.

Enter All Fires In Chronological Order in Red Ink

STREET Payne Ave

HOUSE NO. 2624 - 2630

OTHER FRONTAGE

Date	Inspector	Conditions Found	Closed
7-24-51	Wise	app. application for flammable liquids 30 00 Pounds of ether in vault 3 floor	
7-30-52	#3135 @	7 20 P.M. Friction $2800.00	
8-26-52	Hunter	OK, appl storage of ether	
5-16-53	#2884 @	2 10 P.M Shortley Bromide None	
6-22-53	Vanvoo @ 5	Improper storage waste paper 2 floor,	
7-7-53	Reddy	Cutting - Ammo to have paper removed forthwith	
7-13-53	Reddy	Violations of 7-7-53 Abated	
8-[illegible]-53	#7519 @	6 43 P.M Rubbish Care Smoker None	
6 9-55	Lyons	Insp. Turner Printing Co. 3-4th floor will issue orders for all flammables to be stored in metal closed Cabinet no flammable permits - none to be issued until metal cabinet is installed	
		Super Speed Printing Co. 1st-2nd floor	OK
4-10-58	#2808	@ 11 03 Pm Short Circuit	none
9/18/59	HFC #7	Standpipe Siamese Insp Batt #, Fle	
10/30/59	Lyons	C/C #7 Hose #6 #7 2½ caps to be installed and OS&Y valve marked	
11/9/59	Lyons	Vio abated	
12-3-59	Lyons	Met with owner of Oddy RE: Standpipe installation, Will not install in future	
12-30-59	Lyons	Written orders forwarded for installation of Wet Standpipe	
1/8/60	Lyons	Booth and Hose Closet Stairway & Lighting, Sprinkler protected. Permit will be issued	
~~1/12/60~~	~~Lyons~~	~~C/C #5 Complete abatement on gas Cyl installation order~~	
1/13/60	Lyons	Plans to be submitted to Bureau	
9/27/61	Lyons	Ordered: Self closing door on fire Res. room; Ventilation from low point Metal cabinet for F.L. - Metal cont for solid rags	
3/1/62	Lyons	Complete abatement	
9/28/63	HFC 7	Frazer Insp	

DATE	INSPECTOR	REMARKS
3-13-81	Benes - Recheck	
4-13-81	Benes - Recheck - ½ abated.	
6-9-85	12501 @ 1:14 Am.	Incendiary $5,000
9-6-85	1984 @ 017	4 ST. BK. COM INCEN, 20,000
11-7-86	29332 @ 0055 (11)	$300
12/31/86	Benes	Partial Insp. Approved FILE
4/9/87	Harris	Partial Insp.
4/15/87	HARRIS	COMPLETE 10 VIOLS, REQ LETTER #1. FILE
7/8/87	Harris	Reinspection 2 v/o's abated see report FILE
9/18/87	Harris	Reinsp. NO ABATEMENTS
11/2/87	Harris - Re-Insp.	½ abatements
2/1/88	Harris	Reinsp. NVIO. Abated! See report FILE
1-26-89	Keith - Plans Disapproved for new addition	
2/9/89	Keith	plans Review See Report file
11/7/90	Hearns	Plans to Erect a loading dock on S.W. Corner of Bldg. O.K file
12-11-98	Cleveland	Re Inspect
5-26-99	Cleveland	Re-insp. (see report) file

2630 PAYNE

DATE	INSPECTOR	REMARKS	
12-20-90	GRACE	CO P18435 APPROVED SEND LTR # 6	FILE
1-7-91	GRACE	SENT LETTER #6 P18435	FILE
9-14-98	Cleveland	complete insp. - see report	FILE
9-30-98	Cleveland	Re-inspect	File
12-11-98	Cleveland.	" "	
12-22-98	" "	Re-insp. See file	
2-9-99	Cleveland	Re-insp. see report	

2630 PAYNE

C OF C 73-211-A

INSURANCE SERVICES OFFICE
OF OHIO

FILE NO. 13048
REPORT NO. A100,454
INSPECTED: Feb. 14, 1972

AS

Superseding All Previous
Reinspection Reports

CONFIDENTIAL
FOR MEMBERS AND SUBSCRIBERS AND
THEIR AUTHORIZED EMPLOYEES ONLY

REINSPECTION REPORT

GRAPHIC ARTS BUILDING

CLEVELAND, OHIO. 2628 Payne Avenue, N. E.

Sanborn, 1952. Volume 1. Page 85. Block 1. Plan with Complete Report.

CLASS OF RISK: Multiple occupancy; principally light manufacturing.

OWNER: The Graphic Arts Building Company.

OCCUPANTS: See "List of Tenants".

ACTIVITY: Normal. One shift, five to six days a week.

* * * * * * * * * *

IMPORTANT CHANGES SINCE LAST REINSPECTION REPORT, MARCH 16, 1971: Papercraft Bindery Company has vacated the property. All machinery and equipment have been removed. The housekeeping for the area grades good.

There has been no replacement of the obsolete sprinkler heads in the risk. The insured was last notified of this deficiency in March, 1971. Sprinkler protection regraded from FAIR to POOR.

Most portable fire extinguishers is maintained in the occupied areas.

OTHER IMPORTANT CHANGES SINCE LAST COMPLETE REPORT, OCTOBER 5, 1967: Ad Color, Incorporated has terminated operations and vacated the risk.

Pretied Tie Company a division of Cope, Incorporated has established a small metalworking operation, manufacturing aluminum wire clips for the fastening of metal link fences, satisfactory.

Housekeeping practices in Cope, Incorporated has improved and grades GOOD.

Quality Thread Company has improved their warehousing practices including the part skidding of stocks.

The old style automatic sprinkler heads protecting the risk are fifty years of age and are now considered obsolete for further service. The obsolete sprinkler heads should be replaced with new approved devices. The insured is cognizant of this major deficiency.

SUMMARY

CONSTRUCTION: GOOD. Four-story building with small basement, fire-resistive Type A. Floor openings - protected. Concealed spaces - minor. Interior finish - open. Age - built 1920. Repair - good.

FIRE DIVISIONS: One building. Single fire division.

HAZARDS: MODERATE. Usual, light manufacturing and printing, satisfactory.

EXPOSURE: LIGHT. One story unsprinklered masonry (joisted) warehouse and one-story sprinklered masonry (joisted) plating plant detached 50'.

PROTECTION -

Alarm Service: POOR. Inoperative outside water motor alarm.

Inside Manual: FAIR. Inadequate supply of portable fire extinguisher equipment, of value.

Outside: GOOD. Full City Class Three. Openings in all walls are accessible for fire department operations.

Sprinkler: POOR. System in service. Covers the entire building. Wet pipe equipment under inside control. GOOD single source water supply.

ADMINISTRATION: FAIR. Building maintenance - fair. Housekeeping practices - fair. No oversized rack storage or high stock piling. Waste material is removed form the premises on a program basis. Smoking is restricted to specific areas, but not enforced. Recommendation receive partial attention. Sprinkler maintenance - poor.

Loss Record: None since Complete Report.

HISTORY: The Graphic Arts Building Company was organized in 1939. The building has been a multiple occupancy risk for several years.

PROMINENT UNDESIRABLE FEATURES: The sprinkler heads are fifty-two years old and are considered obsolete.

RECOMMENDATIONS

1. (1958) Standard watchman service or complete central station supervisory service on sprinkler equipment, should be provided.

2. (1965) All damageable stocks should be properly skidded.

4. (1970) The obsolete sprinkler heads over fifty years old should be replaced with new standard devices.

5. (1971) The local sprinkler alarm should be repaired and placed in service.

6. (1971) Smoking should be restricted to specific areas and enforced.

LIST OF TENANTS

Cope, Incorporated and Pretied Tie Co. - 1st floor, printing, book binding, direct mail advertising, and aluminum wire clip manufacturing.
Phillips Brush Corporation - 4/5 of 4th floor, nylon bristle brush manufacturing for the beauticians industry.
Quality Thread Co. (State Thread) - 4/5 of 3rd floor, industrial thread, seam bindery and zipper distribution.
Superior Steel Stamp Company - 4th floor, metalworker, engraving metal stamps.
Vacant - All 2nd floor and small part 3rd floor.

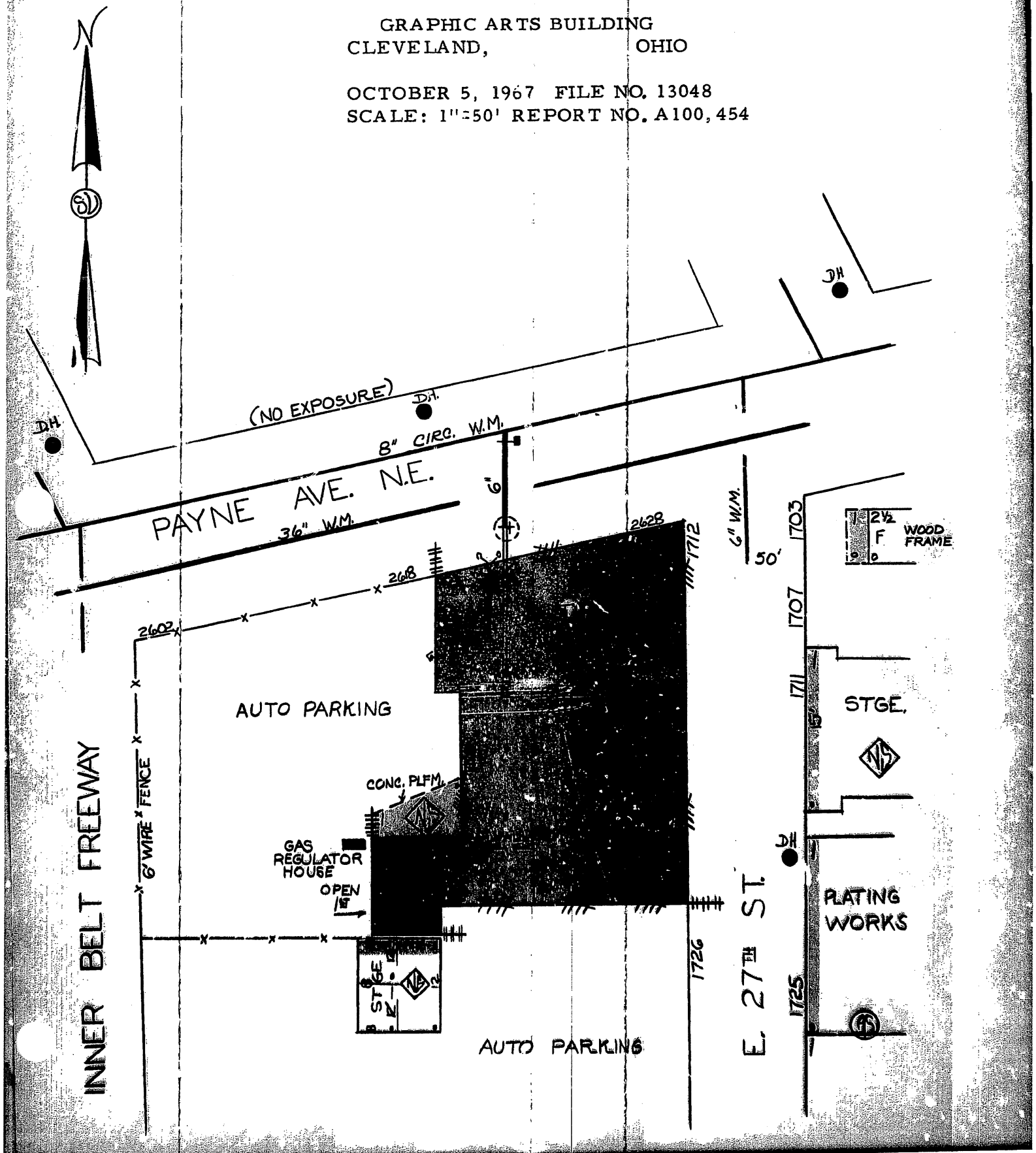
PD

S. A. Ott, Inspector

CONFIDENTIAL
For Members and Subscribers and
Their Authorized Employees Only
OHIO INSPECTION BUREAU

GRAPHIC ARTS BUILDING
CLEVELAND, OHIO

OCTOBER 5, 1967 FILE NO. 13048
SCALE: 1"=50' REPORT NO. A100,454



CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY

DIVISION OF FIRE

FIRE PREVENTION BUREAU

July 16, 1979 FILE

Target Inspection

Address: 2630 Payne Ave.

Description: Four story brick/ Type I/ partial ce llar/ 40'H x 160'D x 102'W in the front & 120'W in the rear. T his is a L shape building.

Owner: William Kelly - Telephone: 321- 7594

Occupancy: Industrial "C" & NC - Storage

Occupants: First Floor - Cope Inc. & Preted Tie C o. - President: Mr. Henry
2nd floor - Mail Marketing Inc. - President: Jame s Pomstingle
Berkshire Textiles of Ohio - Presiden t: Bruce Smith
3rd floor - Quality Thread Co. - Words System
4th floor - Superior Steel Stamp Co. - President: Velma Schueter
Phillips Brush Co. - Owner: Daniel Si mon

Permits: None

Gen. Info: Since my last inspection Berkshire Textiles has sublease their area from Mail Marketing. They sell wiping cloth s, paper products, toilet paper and plastic bags. This is mostly just sto rage area. This is the only change in the building.

Violations: Refer verbal to Mail Marketing on 2nd floor -- July 30, 1979

1. Improve the housekeeping and remove the combustible waste.
2. Provide aisle space between storage material.

Inspector: [illegible signature]

[illegible]

Site #45
Harold Moss, Trustee

FORM 211-73 **FILE**

HS-22675-1-24-75
HS-22676-1-24-75

SPKLR 461 · 8/27/58

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY - DIVISION OF FIRE

FIRE PREVENTION BUREAU

BUILDING RECORD
C. T. H. 3

STREET EAST 27 ST. HOUSE No. 1748-50 BLDG. NAME

STORIES 3 CONSTRUCTION BRICK

OCCUPANCY I MOTOR RM

OWNER or AGENT MUSTEROLE, Co + E.W. Rose ADDRESS

FOR PARTICULARS SEE INSPECTIONS BY WARDENS OR COMPANIES UNDER DATES LISTED BELOW IN INSPECTION FILE No. 1

Enter All Fires In Chronological Order In Red Ink

Date	Inspector	Conditions Found	ABATEMENT ORDERED	ORDERS COMPLIED WITH	SUMMONS COURT	Closed
9-5-40	Dempsey	Factory Musterole Co at 1748				ok
		E. W. Rose Co Zemo Co-duct				ok
1-21-41	"	#1748. Chimney needs pointing up. Chim. not used. Will try to contact owner.				
3-11-"	"	Chim. will not fall down. Will get permission to remove top bricks. Belongs to Bldg. Dept. - abated.				
10-7-41	Dempsey	Musterole Co. - E. W. Rose Co. & Zemo Prod. > 1 #1748-50 E. 27				ok.
2-26-43	Dempsey	F. C. called at 1750 & 1752 and asked tenants about people burning rubbish on floor of 2550 Payne Ave. said they had no fireplace				ok
4-22-44	#1969	at 8.19 P.M. short circuit $ 500.00				
12-12-46	Rentschler	Musterole Co 1748 1750 E. W. Rose Co alcohol & Ether. Inflammable liquid stored in fire proof & protected vault				ok
3-3-46	Sweeney	Mustard oil in Fire Proof Room - Denatured alcohol in Fire Proof Vault of E. W. Rose Co Recommend a shield placed in front of gas heater in basement due to drafts.				
1-14-47	Dempsey	Musterole Co. found license on the front of the Bldg. Was connected to the Sprinkler System in a Manhole under the Sidewalk.				

(OVER)

EAST 27 ST.

1748-50

HOUSE No.

STREET

OTHER FRONTAGE

WK. 31 #151, C

E. 14

STREET HOUSE No. BLDG. NAME

Date	Inspector	Conditions Found	Abatement Ordered	Orders Comp With	Summons Court	Closed
1-5-47	Dempsey	Factory Mutual. Showed me Plan about Sprinkler & Standpipe connections the Standpipe Connection is a Dummy. Requested they remove the Siamese to avoid any confusion the Sprinkler Siamese is OK.				
-28-47	Dempsey	O.C. Chief Hymnos office Siamese has been removed & Plug inserted				OK
-9-47	Letter	forwarded to Chief Hymnos				
1-28-48	#799 at	541 P.M. Care. cigarette			C. $200.00	—
1/9/48	Pakenbeck	F.S. 1/29. Careless female employee set fire to sofa in womans room with cigarette after repeated warnings to be careful. Employee has been discharged. Abated				OK.
2-17-48	Rule	Musterole Co				OK.
11-3-48	Behnke	approved Installation of 1-10,000 gal fuel oil Tank				
2-28-48	Dempsey	BPO. all OK checked on fuel oil Tank & found. Records in office				
1-9-51	Dempsey	Checked with Explosimeter. Found No Fumes				
-8-54	Rehberg	Musterole Co — See report				
1-2-54	Eynon & Schumacher	Tested with explosive meter. No Readings				
4-8-55	#2387	@ 2[29] P.M. Open bleeder valve.				None
7-28-58	Schumacher	39 Sprinkler heads in new service garage 50' x 94'.				
2-3-60	#912 @	4[43] P.M. Short Circuit				
1-9-64	McNamee	address Check				
-22-65	Radke	Insp. Req Letter				
2-6/65	Letter	Mr. C. M. Jones 696-65				
65	Radke	Re Ch Partial				
7-66	Radke	RE tank abandonment				
-23-66	"	" " "				
~~18-66~~	~~Radke~~	~~Complaint abated~~				
18-66	Radke	RE UG tanks sent notice				

Enter All Fires In Chronological Order in Red Ink

Date	Inspector	Conditions Found	Closed
6/27/66	Zygan	See A.T. Radke report	
6/27/66	Radke	Report letter Re: tank abandonment	
6/27/66	Letter	Mr. G. Miller	FILE
8-10-66	Radke	Tank abandoned see report	
8/29/66	Radke	Re Ch. continue	
8/30/66	Radke	RE: tank abandonment continue	
10/14/66	Radke	RE: Tank abandonment see report	
12/5/66	Sirek	V/O Viol's. See Report.	FILE
1-3-67	Sirek	Re Insp. 2 abated (partial) sign painted for P.I.V. Rubbish removed from dock.	
4-5-67	Radke.	Re: Motor Rim Mfg Co. recheck. See Report	
4-13-67	Radke.	Re: Motor Rim Mfg. tank abandonment.	
5-23-67	Radke	Re: Tank abandonment. See Report.	
5/25/67	Radke.	Re. U/G Tank Abandoned Continue.	
5/26/67	Radke	" " " " Continue.	
6-6-67	Radke.	Re: Tank abandonment. See Report.	
6-7-67	Radke.	Re: " " " " Kowalski maint co. has remove the abandoned dispensing Pump & capped the suction line abated. Letter Reg to H. Quick re: tanks not properly abandoned.	
6-29-67	Letter Sent to H. Quick		FILE
6-5-67	Radke.	Re: Tank abandonment - Motor Rim Mfg. co.	
2-22-71	Harrison	Insp. 3 Viols noted. See Report	FILE
1-14-74	Benes	Insp. Letter Reg	FILE
1-16-74	Letter	Sent to H. Moses Pres.	FILE
2-19-74	Benes.	Re Insp. 2 of 8 Viols abated (Cover Sheet)	
2-21-74	Benes.	Re Insp See Report	
3-12-74.	Benes.	Re Insp. See Report	
4-9-74	Benes.	Re Insp. See Report	
5-3-74	Benes.	Re Insp. See Report	
7-1-74.	Benes.	Re Insp 1 more Viol abated	
8-5-74	Benes.	Re Insp See Report	
9-13-74	Benes	Re Insp See Report	
11-15-74.	Benes.	Re Insp See Report	
12/27/74	Benes	Reinsp. Reg. letter req. (Violation see report)	
12/31/74	[illegible]	Letter sent to Harold Moses	FILE
1/24/75	Benes	Reinsp. All viol. abated - H.S. [illegible]	FILE
12/19/75	Benes	Insp - V/O	
1-12-76	Benes	Recheck: viol - abated	

Enter All Fires In Chronological Order in Red Ink

C of C 73-211A

Date	Inspector	Conditions Found	Closed
2-3-77	Bruce	Insp.	
1 78	Bruce	Insp.	FILE
10-3-79	Bruce	See Cont'd	
2-3-81	Bruce	Insp. V/O Change + V/O V/O's	
10/16/86	Stephens	Complete - report will follow	
3/8/88	Stephens	Reinspection	FILE
1/27/87	Stephens	Reinsp. V/O's Closed	FILE
4-5-92	ZAhowdny	MUTUAL DISPLAY SEE HAZ-MAT Report	File
1/28/92	Zahowdny	V/O ltr sent	
12-2-97	CLEVELAND	RE-INSPECT - SEE REPORT	
2-28-98	Cleveland	Re-insp - see report	
7-11-98	Cleveland	MUTUAL Display Re Insp. See Report	file
12-1-98	Cleveland	Re. Insp.	
4-11-99	Cleveland	RE-INSP. F/A + Sp repaired @ 1748 E. 27th	

STREET

HOUSE NO.

OTHER FRONTAGE

C OF C 73-304A

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY

DIVISION OF FIRE

FIRE PREVENTION BUREAU

DEC. 5 19 66

SIR:

1748 E. 27th cont'd.

A u/g gasoline tank has been ordered to be properly abandoned. According to Mr. Tom Wessel this is under contract.

VIOL: 1. A suitable sign shall be painted to indicate the location of the P.I.V.

2. Remove cardboard scrap materials from loading deck (Verbal)

Inspector L. Fink #2

FILE

File

June 29, 1967

Larry T. Quick, Attorney
Hahn, Loeser, Parks & Stewart
Hahn Building
925 Euclid Avenue
Cleveland, Ohio 44114

Re: 1746-50 East 27th Street
Tank Abandonment

Dear Sir:

Pursuant to your request, this is to advise that Kowalski Maintenance Company has properly abandoned the two underground tanks at subject location, in conformity with accepted practices.

The abandonment was witnessed and approved by Lieutenant Fred Hahn of this Bureau.

Your co-operation in the above matter was appreciated.

Very truly yours,

John E. Schlund, Chief
Fire Prevention Bureau

JES:EK
cc: Kowalski Maintenance Co.
Lt. Hahn
File ✓

OHIO INSPECTION BUREAU

COLUMBUS, OHIO

FILE NO. 11896
REPORT NO. A100,868
INSPECTED: Oct. 8, 1970

AS

Superseding All Previous Reports

CONFIDENTIAL
FOR MEMBERS AND SUBSCRIBERS AND THEIR AUTHORIZED EMPLOYEES ONLY

COMPLETE REPORT

WHEEL AND RIM SALES COMPANY
(Formerly M. G. M. Realty Company)

CLEVELAND, OHIO. 1742-54 East 27th Street.

Sanborn, 1952. Volume 1. Page 85. Block 1. Plan herewith.

CLASS OF RISK: Automotive parts warehouse.

OWNER & OCCUPANT: Wheel and Rim Sales Company subsidiary of Allied Wheel Products Company.

ACTIVITY: Single shift, five days a week, with ½ day Saturdays.

* * * * *

IMPORTANT CHANGES SINCE LAST SHORT-REINSPECTION REPORT - NOVEMBER 5, 1969: The name and property ownership has changed as noted above.

All installation work has been discontinued and the entire area is used for warehousing of automotive parts.

There has been no progress of replacing the obsolete sprinkler heads protecting 66% of the area. Recent water tests by others indicated reduced water delivered from the 6-inch water main in East 27th Street. In view of this, grading of Sprinkler Protection and water supply is changed from GOOD to POOR.

Housekeeping and warehousing practices have deteriorated and should be improved. Grading of Administration is changed from GOOD to FAIR.

SUMMARY

CONSTRUCTION: GOOD. 89% masonry (joisted) and 11% noncombustible. 12" and 16" brick and 12" certified two-hour rated hollow concrete block walls. One, two and three-stories, with part basement. Single fire division. Area - 12,520 sq. ft. Floor openings - partially protected. Concealed spaces - minor. Interior finish - mainly open. Age - built 1915, 1919 and later. Repair - good.

HAZARDS: MODERATE. Usual, satisfactorily arranged.

EXPOSURE: LIGHT. From well detached unsprinklered fire-resistive light manufacturing building north of risk to unprotected openings.

PROTECTION -

Alarm Service: GOOD. Complete central station supervision on the sprinkler equipment.

Inside Manual: FAIR. Slightly inadequate portable fire extinguisher equipment, of value.

Outside: Full City Class Three. All walls have accessible openings for fire department operations.

Sprinkler: POOR. Covers all the risk. Wet pipe system with outside control. POOR single source water supply from connection to city main. System in service.

ADMINISTRATION: FAIR. Building maintenance - good. Housekeeping and warehousing practices - fair. Waste material is not removed from the premises on a program basis. Packing materials stored in unapproved bin, of value. Smoking not restricted to specific areas. Sprinkler maintenance is satisfactory except no program to replace obsolete sprinkler heads. Recommendations receive consideration.

Loss Record: No losses recorded within past five year period.

HISTORY: The building was formerly occupied by a concern manufacturing a patent skin lotion and salve. M. G. M. Realty Company purchased the building in 1956. The present tenant and owner is a well established local concern.

PROMINENT UNDESIRABLE FEATURES: 66% of the sprinkler heads are 55 years old and considered obsolete for further service. Water supply from the 6-inch water main in East 27th Street has deteriorated.

RECOMMENDATIONS

1. (1967) **The obsolete sprinkler heads should be replaced with standard devices.**
2. (1967) **Smoking should be restricted to specific areas.**

3. (1970) Housekeeping and warehousing practices should be improved.

4. (1970) An improved water supply should be obtained by installing a larger main in East 27th Street to Payne Avenue, S. E. to the north.

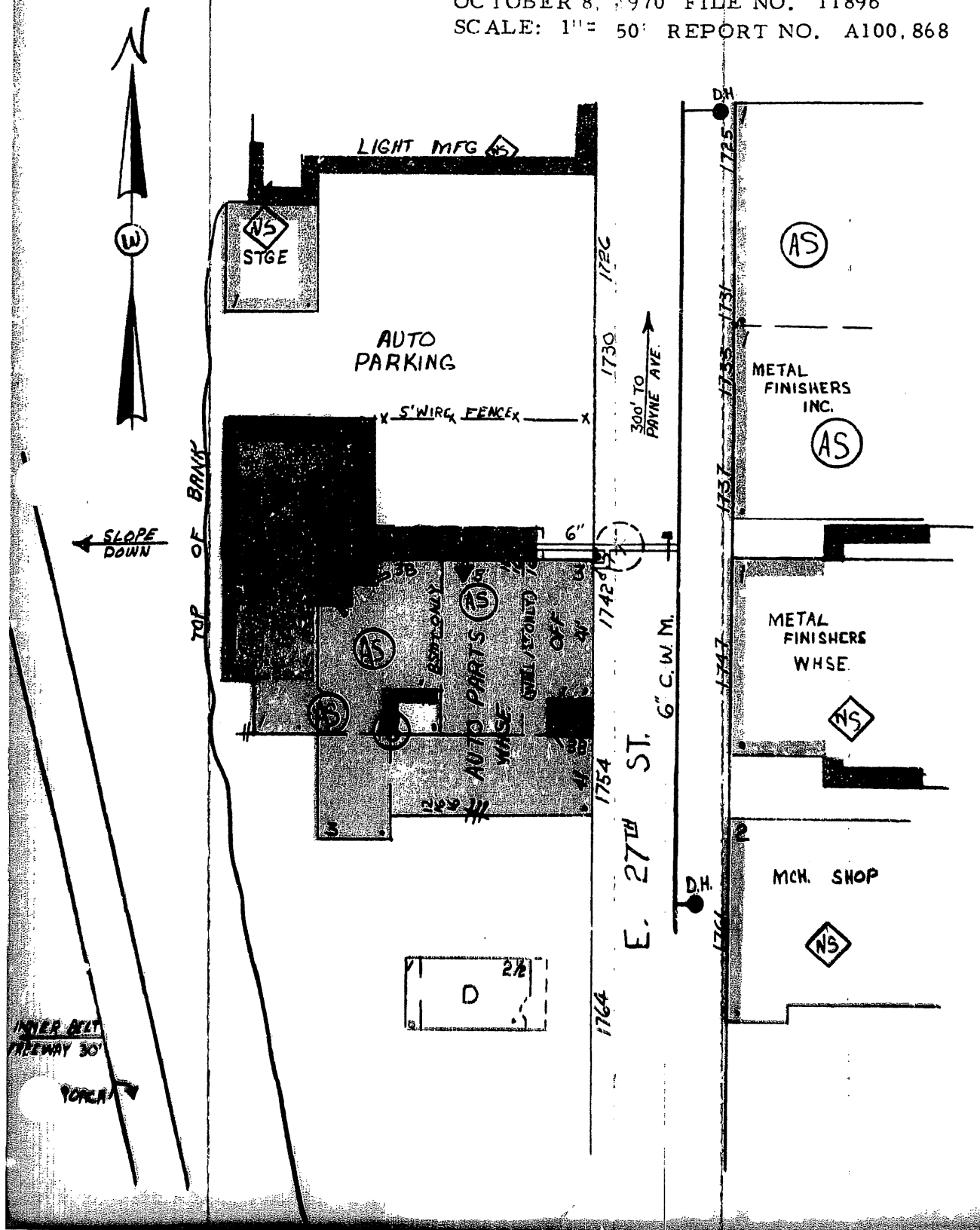
DLM

S. A. Ott, Inspector

CONFIDENTIAL
For Members and Subscribers and
Their Authorized Employees Only
OHIO INSPECTION BUREAU

WHEEL AND RIM SALES COMPANY
CLEVELAND, OHIO

OCTOBER 8, 1970 FILE NO. 11896
SCALE: 1" = 50' REPORT NO. A100,868



C of C 23-225

Entered on card 2-14-75 (MW)

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY

DIVISION OF FIRE

Permit No. 22676 Fee $ 5.00 Date JAN. 27th 19 75

Expiration Date ____ 19 ____

Permit Application
For the Storing, Handling, Sales or Use of Hazardous Substances

Elmer M. Cain, Chief
Division of Fire

Applicant MUTUAL DISPLAY MFG. CO. INC.

Location 1748 E. 27th ST.
(NUMBER AND STREET)

Building Height 45 Stories 3 Area: ___ L 94' W 90' Construction 1-2-(3)-4 A-B-C

Occupancy STORAGE Other occupancy NONE

One Application for each No. Item.

List Kind and Quantity of Substance.

1. Calcium Carbide ____
2. Corrosive Liquids ____
3. Flammable Liquids: 195 GALLONS
   - Class 1 ____
   - Class 2 195 GALLONS
   - Class 3 ____
4. Fume Hazard Gases ____
5. Moisture Hazards ____
6. Nitrocellulose Film ____
7. Pyroxlin Plastic ____
8. Tire Rer'g. & Rebldg. ____
9. Refinishing with Highly Flammable Liquids, i.e., bowling alleys, other assemblies ____
10. Dip tanks ____ Spray Booths ____ Spray Rooms ____
11. Unfired Pressure Vessels: L.P. ___ H. ___ O. ___ Acetylene ___ Other ____
12. Other Substances ____

STORAGE

Cabinets ____ Floor ____ Tanks ____ Vaults ✓ Shelves ____

Sealed Containers DRUMS Dispensing PUMP

Use MFG. Sales ____

REMARKS CLASS II ONE DRUM OF WHITE LACQUER
" " " LACQUER THINNER
" " " MEK
SIX FIVE GALLON CANS OF LACQUER PAINT
TEN ONE " " " " "
ONE DRUM OF FORMICA CEMENT CONTAINS
ONLY FIVE GALLONS
30 SPRAY CANS OF LACQUER PAINT AND
ENAMEL - 16 OZ. SIZE

The acceptance of the permit herein applied for shall constitute an agreement on (my) (our) part to abide by all the conditions herein contained, and to comply with all ordinances of the City of Cleveland, the laws of the State of Ohio, and all the rules and regulations of the State Fire Marshal, the Chief of the Division of Fire and the Board of Building Standards and Building Appeals, Relating to the storing, Handling, Sales, Transportation and use of Hazardous Substances.

Applicant Mutual Display Harold S Mayes Pres.
NAME TITLE

(Approved) (~~Disapproved~~) by Lt. Howard Burns
INSPECTOR

Date Jan. 24, 1975

Reasons for disapproval

PROPERTY OWNERS PERMISSION

Cleveland, Ohio Jan 24 1975

The owner of the premises described in the foregoing application hereby grants the lessee or agent permission to store the above mentioned Hazardous Substances at this location.

Owner Shulice Realty Co Harold Mayes Pres.

Address 2287 Sulgrave Rd 44122

Witness Lorraine Keller

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY

DIVISION OF FIRE

FIRE PREVENTION BUREAU Incident #2083

Feb. 5, 1992 19—

Time: 1033
Sit: 49

1748 E. 27th St.

HAZ-MAT
Capt. Root
Insp. Zahorodnij

Mutual Display

Responded to the subject location by order of Car 165. During an automobile fire at ther ear of the property, six 55-gallon unmarked drums were discovered. Mr. Steve Singer (owner) indicated that the drums had been previously dumped, along with other debris. Indicators revealed that the contents of the drums may have been from a paint-related industry, auto spray painting, etc. Mr. Singer was directed to secure the area. He indicated that he had retained a fence company to do so. Until the fence is completed, he was told to ensure that security would be maintained. The Ohio EPA was notified and indicated their personnel would investigate. The following stenciling was observed on two drums:

3208-051-CLEAR
Enamel
Batch P2G - 278

Gold Coating
27-705
6/20/77
176-50-55 gal.
C73002

Mutual Display: 621-3685
Steve Singer
Amy Singer

O. Zahorodnij

Ollie Zahorodnij, FGF
FPB Haz-Mat Unit

OZ/pjp

cc: Chief Zimmerer
Chief Stuhm
Capt. Root
Insp. Zahorodnij
file

file

City of Cleveland

MICHAEL R. WHITE, MAYOR

DIVISION OF FIRE
FIRE PREVENTION BUREAU

1645 SUPERIOR AVENUE • CLEVELAND, OHIO 44114
TELEPHONE: (216) 664-6664
FAX: (216) 664-6816

WALTER V. ZIMMERER
CHIEF

February 28, 1992

Mr. Steve Singer
Mutual Display
1748 East 27th Street
Cleve., OH 44114

RE: 1748 East 27th Street
ABANDONED DRUMS

Dear Sir:

A recent inspection of the subject location by Inspector Zahorodnij, of the Division of Fire, revealed the following violation of the Municipal Code and the method for correcting it:

1. There are abandoned drums on the premises. Municipal Code 381.04(b). Secure the indicated drums. Conduct the necessary testing to identify any hazardous materials. Properly remove and dispose of all hazardous material in accordance with all Federal, State and Municipal Ordinances.

You are hereby notified to abate the above violations within thirty (30) days of the date of this letter. If you are aggrieved by this order, you may file an appeal with the Board of Building Standards & Building Appeals, Room 516, City Hall, within thirty (30) days of the date of this letter. If there are any questions, please call Inspector Zahorodnij at 664-6664.

Sincerely,

Daniel Stuhm, Acting Chief
Division of Fire

DS/pjp

cc: Inspector Zahorodnij
file

Site #46
Tri Building

FILE

SP. 1148 5-2-63

C of C 73-211

SP 4806 1-13-88

CITY OF CLEVELAND

BUILDING RECORD

DEPARTMENT OF PUBLIC SAFETY—DIVISION OF FIRE

C. T. G-9

FIRE PREVENTION BUREAU

B

STREET EUCLID AVENUE HOUSE No. 2728 BLDG. NAME

STORIES 5 CONSTRUCTION Masonry 50 x 60 x 100

OCCUPANCY Bus. Office - garage on 1st floor

OWNER OR AGENT ~~Euclid Ave. Co.~~ V.S. Realty ADDRESS 1114 Hegg. Bldg.

FOR PARTICULARS SEE INSPECTIONS BY WARDENS OR COMPANIES UNDER DATE

LISTED BELOW IN INSPECTION FILE NO.

Enter All Fires In Chronological Order in Red Ink

Date	Inspector	Conditions Found	Closed
10-26-55.	Behnke	Approved plans & application for the above new bldg.	
3/17/60	Lyons	Fire lanes OK Rec. 1-2½ gas water ext	
1/7/63	# 198	@ 5:20 P.M. D.of Ballast	
1/22/63	Eng 3	Major Insp	
3/25/63	Parady	Notice sent to provide access to rear fire escape 5 floor	
		Exit signs	FILE
4/29/63	Parady	RE Standpipe	
5-2-63	Parady	Re Standpipe & extension of fire escape	
		Met with Bld. Insp. Cattrona who will	
		issue order concerning 2nd egress from 5th fl. & S/C doors	
		for mechanical equip room.	
5-7-63	Parady	Wet standpipe to be ordered. Request Title search	
6/3/63	Parady	RE Requested standpipe 335-63	
7/2/63	Recorder	Letter John L Drees RE Title search	
7/16/63	Parady	Request letter RE Wet standpipe	
7/17/63	Letter	Messrs. Gottfried Ginsberg, Guren #395-63	FILE
8-16-63	Parady	No work on SP or FE Refer to bldg as exit	FILE
8-7-63	Recorder	No stand pipe noted on approved plans of Nov. 55	
12/9/63	Parady	Request letter RE Inaction	
12/10/63	Letter	H Gottfried - E Ginsberg - S. Guren #811-63	FILE
12/30/63	Parady	Re Standpipe	
1/21/64	Parady	Suggested calling Mr. Flanagan	
1/27/64	Parady	Carried back to 3/10/64	
2/18/64	Appeal	Docket A-42-64	
3/2/64		Letter from Gottfried, Ginsberg & Guren & Merritt	
		RE. APPEAL	
3/17/64	Parady	Also attached to report (Wet assembly) Docket #A-42-64	
8/3/64	Appeal	BBSA Docket A-42-64	
9/16/64	Parady	No change in standpipe situation	
11-3-64	Docket	# A42-64 tentative	FILE
7-16-54	Letter	To. MR J.M. SOLOMAN # 2442	

EUCLID AVENUE STREET

HOUSE NO. 2728

CORNER FRONTAGE

7-11-67 Fill

STREET HOUSE NO. BLDG. NAME

Date	Inspector	Condition Found	Closed
1/27/65	Parady	RE CH Standpipe To follow address	
		BBSA	FILE
3/3/65	Parady	Refer Bldg 302-65	
3/3/65	Parady	RE Hallway 2 clearance permits	FILE
5/5/65	Hayden	Any standpipe complied	
6/7/65	Parady	Standpipe test	
7/1/65	Parady	Corrected	
8-27-65	Parady	RE Standpipe installation	FILE
1/12/66	Parady	To charge.	FILE
6-30-67	Parady	Insp Viol noted - (to be abated)	FILE
3-28-68	Parady	Insp V/O issued Bldg. Insp.	FILE
6-26-69	Parady	Insp 3 V/ols noted See Report.	FILE
9-14-70	Parady	Insp Viol noted Abated	FILE
5-18-72	Gannon	No Insp. unable to contact caretaker.	FILE
5-19-72	Gannon	Insp V/O's issued.	
7-13-72	Gannon	Reinsp - 1 V/O abated	
2-27-73	Gannon	Complaint - Front (only) entrance is locked.	
		Eff. 5:00 P.M. See Report. Viol noted	
3-8-73	Gannon	Re Insp Complaint - V/O issued See Report	
4-11-73	Gannon	Complaint - Padlocking of exit door after	
		5:00 P.M. No cause	
		also See Report Viol abated	
10/24/75	Gannon	Insp. - V/O; Refer to Bldg + Elect. Divs.	FILE
11/3/75		Referral # 378-75 to Bldg.; Referal # 379-75 to Elect.	FILE
11/6/75	Gannon	Recheck - Viol. abatement started	
11/26/75	Gannon	Permit # 45540 Remodel - In prog. (# 10353 Elect) - OK	
10/21/76	Gannon	Re: FS # 18119 See report	FILE
5-4-77	Gannon	Insp. - 2 V/O's	
7-19-77	Gannon	Alt. permit # 58487 See report.	FILE
8-23-77	Gannon	Reinsp violation abated	
9-19-80	Gumuney	- Complaint insp - will recheck.	FILE
10-6-80	Gumuney	- Re-insp complaint referred to bldg. 303-80 missing Pulings	
1-19-83	Commands	Home Care License	
2-9-84	Hallmon	Complaint No Cause	
11-5-84		Notice of Viol. letter sent	
6/9/86	Jordens	Complete - 5 V/O's	FILE
7/10/86	Jordens	Reinsp 1 V/O's abated	FILE
9/14/86	Jordens	Reinsp. NO further abatements; Send letter 1-A.	FILE
9/16/86	Sent	Notice of Violation	FILE

x 108 Locked Alc

DATE	INSPECTOR	REMARKS	
10/16/86	Jordens	Re insp Rec Tank Ctf # 3737.42	FILE
10/29/86	Keech	Re insp 3 Chambers see report	
11/25/86	Bones	Standpipe Test Cancelled	
12/10/86	Bones	Standpipe Test Approved	FILE
12-21-87	Hearns - Approved plans for alterations - 2 permits		File
1-13-88	Bones Standpipe installed - permit + plans Approved. in Mail slot area in new Bldg		
2-18-88	Allen Cozo Insp. Sent ltr #6		FILE
3-4-88	Temp C of O sent P-9304, P-9323		
—	Keech - Approved F.H. plans - Pk. Garage Lobby.		
3-7-88	Rec'd C of O insp request P-9304 12-16-87		
6/1/88	Allen Cozo Insp - send permit # 93038 9304		
6-21-88	Allen C of O approved sent.		File
12-5-95	Miller Target		
2/20/96	Kruse Send ltr #6		
3/25/97	Jenkins Complt Insp - send ltr #6 Rec'd #1202 - #304 F.		
7/14/98	?	HAZARDOUS SUBSTANCES PERMIT	

Site #47
GKC Limited

FORM 211-73 FILE

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY - DIVISION OF FIRE

FIRE PREVENTION BUREAU

#47

BUILDING RECORD

C. T. G. 9

STREET PROSPECT AVE. HOUSE No. 2729 - 35 BLDG. NAME ~~164x66~~

STORIES 2 CONSTRUCTION STONE - BRICK ~~5 el 90x120x~~

OCCUPANCY ~~C-P~~ IND C.

OWNER or AGENT Case Institute ADDRESS

FOR PARTICULARS SEE INSPECTIONS BY WARDENS OR COMPANIES UNDER DATES LISTED BELOW IN INSPECTION FILE No. 2

Enter All Fires In Chronological Order In Red Ink

Date	Inspector	Conditions Found	ABATEMENT ORDERED	ORDERS COMPLIED WITH	SUMMONS COURT	Closed
2-29-40	Reynolds	Horn & Morrison Inc Lithographk				
		office 2 fire escapes condition fair good				OK
		2735 National yarn corp approved				OK
		2731 Continental Rubber works				OK
3-16-41	Reynolds	National Yarn Corp at 2735				OK
		Continental Rubber Works at 2731				OK
		Horn & Norris Photo Lithographers at 2729				OK
		Lumberman Door & Frame Co Rear 2729				
		Ordered floor Cleaned up				
3-23-41	Reynolds	Violation not abated 4/23/41				OK
10-30-42	Reynolds	Horn & Norris Inc Photo Lithograph				OK
		also National yarn Corp				OK
		2731 Continental Rubber Works				OK
		2729 No Mold Co				OK
		2729 Lumbermens Door Frm Co				OK
12-12-44	Reynolds	Horn & Norris Inc. & White				OK
		Tower Inc. Combinental				OK
		Rubber Works: National Yarn				OK
1-16-45	Reynolds	Horn-Norris Inc				OK
1-16-45	Reynolds	National yarn Corp all				OK
		2733-31 Continental Rubber works				OK
2-22-45	Dempsey	O.C. Lawman Horn and told me				
		that he had applied for a Permit				
		to change the location of his Dumb				
		waiter & was told he did not				
		need a permit as long as it was				
		the same size & ordered him				
		to enclose the shaft in fire				
		proof material Abated				OK

(OVER)

PROSPECT AVE. STREET

2729 - 35 HOUSE NO.

OTHER FRONTAGE

E-1-E7

STREET HOUSE No. BLDG. NAME

Date	Inspector	Conditions Found	Abatement Ordered	Orders Comp With	Summons Court	Closed
2-25-46	Conroy	Business adv. Recommend fire extinguisher				O.K.
3-14-46	Reynolds	Business at 2729 all				O.K.
3-20-46	Reynolds	Continental Rubber Works all 2735 National Yarn Co all				O.K. O.K.
2-24-47	Reynolds	Business all				O.K.
2-4-47	Eller	Horn + Morris Rent. - Cont. Rubber - Natl Yarn Co				O.K.
3-24-48	Eller	Bus found several viols which I ordered abated.				
1-5-49.	Eller.	Bus. left Orders. with Janitor to put in proper working condition all fire doors in this Bldg. ie. rear enclosed stair + Boiler room.				
2-27-54	Lyons	National Yarn Co - Continental Rubber Co. - Horn + Morris Co 2729 - No permit for 60 gal rubber cement + 2 carboys of acid. ordered to improve house keeping				
4/12/63	Parady	Ref. Bldg #19463	Exits			
5-9-63	Parady	Sprinkler will be installed by 5/10/63.				
6/3/63	Parady	Sprinkler installation.	O.K.			
2/1/65	Gannon	Lyons Sponge Co - Horn + Morris yarn Sergeant				
1/27/65	Eng 2	Insp				
6/25/65	Gannon	Rated No Charge				
2-15-66	Parady	Insp. Ref Bldg 446-66				
3-18-66	Parady	Insp. 2729 - Via noted 2731 - Via noted -				
4-21-66	Parady	sent notice				
5-1-66	Parady	Ref # 2729 Partial 2731 no action 2735 sent notice				
11-12-66	Parady	see reject				
2-10-67	Parady	Insp. orders issued	See Report			FILE
3-68	Parady	Insp. Send notice RE: violations at 2731 Prospect				FILE
4-5-68	Parady	Re Insp. partial abatement of violations - will Continue				
3-18-69	Parady.	met with Mr. Kreiger re: required prove to the 1st floor due to new ownership of the Bldg.	See Report.			

STREET PROSPECT AVE HOUSE NO. 2729-35 BLDG NAME

Date	Inspector	Conditions Found	Closed
3-31-69	Papady.	re: discussion of means of storage for 10 gal. of Fl Liq. type work - a metal cabinet will be installed & U. L. Safety and will be used.	
7-9-69	Papady	Insp - See report	FILE
2-4-70	Vannucci	Re proposed Sprinkler System. See report	
9-21-70	Klemm	Insp. Viols noted. See Report	FILE
2-3-71	#21949	2-12 Ans Gents K Q-759 over spill of Dies	$95.00
9-17-71	Olitt	Rec'd from Evans + Assoc'ts re: Jay meeting	FILE
12-8-71	Vannucci	Re: F.A.S. Partial approval - See Report.	
[illegible]	[illegible]	[illegible]	
2-4-72	Gannon	Permit #13747 to alter. See Report	
3-28-72	Gannon	Insp - V/O given	FILE
5-4-72	Gannon	Re Insp. Viol unabated.	
5-23-72	Vannucci	See Report re: Fire Protection Ref. Conversion Cat E.C.65 1170	
6-15-72	Gannon	Re Insp. Viols. Still unabated	
9-20-72	Gannon	Re Insp. Davis Sponge. Viol unabated.	
		Re Insp. (UP). W. L. Morgum. Viol unabated.	
		Complaint. (2731 - R.A. SWARTZ Rubber. See Report re Viol.	
10-2-72	Gannon	Re Insp. debris @ rear of 2729 (R A Swartz Co) See Report. Unabated.	
		Re Insp 2731 Prospect. Davis Sponge Co. Viol unabated	
10-10-72	Gannon	Re Insp. Davis Sponge. Viol abated.	
		Re Insp re Complaint. R A Swartz. Viol abated.	
10/22/75	Gannon	Insp. - V/O's See report	FILE
11/5/75	Gannon	Alt. permit #45320 - OK	
11/25/75	Gannon	Recheck - viol. abated	
8-2-76	BBS&A	Docket 7-29-76 Resolution	FILE
4-26-77	Gannon	Insp. -	FILE
6-1-77	Gannon	Viol. unabated	
7-21-77	Gannon	Viol. abated	
9-6-78	Graven	Insp - 2729 + 2731. Verbal orders at 2731	FILE
2-5-81	McCracken	Insp - No change	

Site #48
Parkwood Corporation

EUCLID AVE 2829

2 STORY BRICK OFFICE BLDG.
Type II

DATE	INSPECTOR	REMARKS	
4-11-73	Benes	Bldg Permit #21034	See Report
7-13-73	Benes	re: alteration Permit #24616	See Report
8-16-77	Benes	Alt. permit #59559 - OK	
9-9-77	Benes	Address check - bldg description	
8/25/86	Jordens	Complete 8 1/0's Send Letter 1-A	FILE
9/11/86	Keith	Plans Review for Interior Alters 2nd Floor	FILE
9/18/86	Jordens	- Letter Sent re: Violations	FILE
10/23/86	Jordens	Reinspection	FILE
2/13/86	Smith	- Complete - 1 vert bd void. - Send Letter 6	FILE
8/6/87	Keith	PLANS REVIEW See Report	FILE
3/25/96	Ketchum	Complete Insp - See report	F
4-25-96	KETCHUM	RE-INSPECTION SEE REPORT	FILE
4/7/98	Smith	Send ltr #6	FILE

EUCLID AVE

2829

REV-7

Site #49
Julius Sorma

CITY OF CLEVELAND
DIVISION OF FIRE
FIRE PREVENTION BUREAU

Address		Inspection District	Census Tract
3004 ST. CLAIR			
Property Name	**Property Number**	**Structure No.**	**Fire Demand Zone**
SATIN DOLL			
Responsibility Party	**Address**		**Telephone**
Parcel No.	**Type of Construction**	**Number of Stories**	**Ground Floor Area**

FOR PARTICULARS SEE INSPECTIONS BY INSPECTORS OR COMPANIES UNDER DATES LISTED BELOW. ENTER ALL FIRES IN CHRONOLOGICAL ORDER IN RED INK.

DATE	INSPECTOR	REMARKS
8-31-98	CLEVELAND	C of O SEE Report F
9-10-98	Redmond	Satyn Dolls C of O

STREET

HOUSE NUMBER

ST CLAIR

3004

CITY OF CLEVELAND
DIVISION OF FIRE
FIRE PREVENTION BUREAU

Address		Inspection District	Census Tract
3000 St. Clair			
Property Name Satin Dolls ~~Gi Gi~~ Restaurant	Property Number	Structure No.	Fire Demand Zone
Responsibility Party	Address		Telephone
Parcel No.	Type of Construction	Number of Stories	Ground Floor Area

FOR PARTICULARS SEE INSPECTIONS BY INSPECTORS OR COMPANIES UNDER DATES LISTED BELOW. ENTER ALL FIRES IN CHRONOLOGICAL ORDER IN RED INK.

DATE	INSPECTOR	REMARKS
3-7-95	Riley	Plans approval for kitchen hood suppression
1-16-96	Grace	Inspection - See report F.
4-30-96	OLIVER	Hood suppression test
6-5-96	Oliver	witnessed hood suppression test F.
1-21-98	CLEVELAND	C of O
5-27-98	Keith	FA Test See report FILE
6-25-98	Keith	Fire System Permit P.D FILE
7-23-98	Oliver	C of O Inspection filed
7-28-98	Smith/Grace	F/A test
6-4-98	Keith	F/A plans review
8-24-98	REDMAN	C of O NEED F/A TEST FILE

STREET

HOUSE NUMBER

3000 St. Clair

1-17

3040 St. Clair — Chin's Red Dragon Restaurant

DATE	INSPECTOR	REMARKS
10-19-76	Tome	Proposed restaurant 1 sty. II B tentative approval given ~~XX~~ conditionally - letter req. to Bldg. Div. re: possible viols.
10-25-76		Letter sent to C. Rush
2-2-77	Tome	Site insp.
3-8-77		Rec'd letter req. C of O insp. - M-53178
4-6-77	Benes	C of O insp. - incomplete
4-7-77	DelMonte	C of O approved notified Bldg. Div. letter to follow
4-11-77	Tome	C of O approved
4-13-77		Letter sent to C. Rush
9.24.81	ES	No Viol
12-28-89	Harris	Complete, see Report "DO" folder

3040 St. Clair

1977

Site #50
Cleveland Mounted Police

ORM 2H-73

FILE

SF 4046 12-11-85

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY DIVISION OF FIRE — BUILDING RECORD

FIRE PREVENTION BUREAU

C. T.....

ET EAST 38th St. HOUSE No. 1150 BLDG. NAME

STORIES 1 2 CONSTRUCTION 11 200 x 40 x 20

OCCUPANCY Storage

OWNER OR AGENT Cleve. Police Stable ADDRESS

FOR PARTICULARS SEE INSPECTIONS BY WARDENS OR COMPANIES UNDER DATES LISTED BELOW IN INSPECTION FILE NO.....

Enter All Fires In Chronological Order In Red Ink

Date	Inspector	Conditions Found	Closed
1-3-47	Hall.	Appr. 1-1500 gal. oil Storage Tank f. fuel oil. Tank f. D 4/9 48	OK.
4-13-51	Stanton	Recommend. that Water Dept install Hydrant on Premises.	
4-25-51	Columbo	Letter Ref to Chief Forwd.	
6-5-51	Letter	to Chief E. M. Cann	FILE
5/27/65	Tome.	Police Stable Insp	
10/25/65	Sypsen	Review of proposed addition 33 x 128', 1 story, Block & Brick Steel. Fire Door separation to existing. Central heating plant enclosed.	
1-13-66	Javorek	Reviewed Preliminary plans for 40'x190' Type IIB addition to west side of existing stables. Class "A" Fire Door - Auto Closing - and Class "B" S.C. Mandoor in fire wall between new & existing sections. Three 1½" hose stations; one at each end of the existing bldg and one in the center of the new addition, connected to domestic supply.	
6/21/67	Letter	From Singer. Re: F.D. Insp. Prior to Issuing C/O	FILE
7-12-67	Tome.	Insp Req. for Cert. of occup. Bldg meets all requirements within our jurisdiction for a Cert of occup.	FILE
7-13-67	Letter	Sent to N. Singer Comm. of Bldg.	FILE
7-17-67	Letter	Rec'd from N. Singer	FILE
8-4-67	Brown	Insp - See report	FILE
10-21-68	Tome.	Complaint - Insp Request from Lt. Troyan. See report.	
12-3-68	Tome.	Insp	FILE
2-10-70	Tome	Insp Viol (1)	FILE
2-1-71	Tome.	Insp	FILE
2-16-72	Tome.	Insp. Viol noted - agreed to abate. See rep	FILE
3-20-73	Tome.	Insp	FILE
5-30-74	Tome.	Insp	FILE

STREET EAST 38th St HOUSE NO. 1150 OTHER FRONTAGE WK. 5

STREET HOUSE No. BLDG. NAME

Date	Inspector	Conditions Found	Closed
8-28-74	Gomez	CAC Follow up Re Reports	
10/28/75	Jones	Insp.	FILE
11/1/76	Jones	Insp.	FILE
12-6-77	Jones	Insp.	FILE
10-22-80	Guppy	Insp	FILE
10-26-82	Building News -	Insp - Vio letter	FILE
12-07-82	Hayajiw	Partial Insp. Letter sig	FILE
11-23-82	Building News -	Permit - Retest Letters -	
12-16-82	HAVLIK	REFERRAL TO BLDG FILE NO 136-82	FILE
12/11/85	Beneo	Plans & Permits Appr. SK 4646 12-11-85	
3/4/86	Beneo	Sprinkler Test Approved	
8/6/86	L-1	Ordinary Insp no Vio's	
8/6/96	Grace	Send Ltr #1 - Complaint Investigation	

Site #51
Temp Craft Plastics

SK #3960 P-21-85
SK #223 12/15/88
SR 5488 7-7-89
3940 — SK 7388 2/23/93
3960 TO 3960

3960 3940-60

TEMP CARD

CITY OF CLEVELAND
DIVISION OF FIRE
FIRE PREVENTION BUREAU

Address		Inspection District	Census Tract
3940 South Marginal Rd			
Property Name	Property Number	Structure No.	Fire Demand Zone
Temperature Tool Products			
Responsibility Party	Address		Telephone
Parcel No.	Type of Construction	Number of Stories	Ground Floor Area

STREET

FOR PARTICULARS SEE INSPECTIONS BY INSPECTORS OR COMPANIES UNDER DATES LISTED BELOW. ENTER ALL FIRES IN CHRONOLOGICAL ORDER IN RED INK.

DATE	INSPECTOR	REMARKS
7-3-85	Dwyer	Partial St. // under Construction
8-28-85	Kucharski	other
8-29-85	Kucharski	other
9-5-85	Kucharski	other
9-5-85	Kucharski	Complete 2 viols
9/20/85	Beres	plans & permit approved for sprinkler system for Bldg. addition
9/21/85	Beres	Permit # 3960 Issued for SK. Sys. FILE
11-1-85	Beres	Sprinkler Test Approved
11-12-85	Beres	Sprinkler Test Approved
11-20-85	Keith	Request for final C of O FILE
12-3-85	Kucharski	Partial C of O Approved Sent form letter # 6 FILE
12-6-85	Kucharski	Letter sent on C of O Permit # 113325 FILE
12-20-85		Rec'd final C of O # 113325 FILE
4-5-88	allen	S.K. test approved File
12/7/88	Beres	PLANS review - refused.
12-15-88	Beres	Plans & permit approved for SK
12/16/88	Beres	Sprinkler test approved
7/7/89	Beres	plans & permit approved for new training Room File
8-1-89	Beres	partial insp. approved for sprinkler File
5/2/90	Rainio	SARA file
7-1-93	Muntz	Sprinkler Test approved file

HOUSE NUMBER

3940 - 3960 S. Marginal E. 1-2

DATE	INSPECTOR	REMARKS
4-1-93	Smith	SARA File
12-28-95	Miller	Reinspect
5/10/96	Powers	Complete Insp.
6/10/96	FLANAGAN	SUPPRESSION TEST F
11-26-97	Kocerak	3960 S. Marginal - Target Inspection

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY

DIVISION OF FIRE

FIRE PREVENTION BUREAU

Mar 10 1986

Coastal Wire Warehouse
4481 Lakeside
Attn Bob Folk

Re: 39605. Marginal St.
Temp. Craft: Bob Folk

Re inspected the above address there is a 10,000 gal. tank that has not been properly abandoned. I had a meeting with Mr. Folk had made arrangements with Insp. Kucharski to take it out when the weather gets better I gave him 60 days.

Inspector: [signature]

COFC73-204 A F.P.B.4/19/67

3/15/78-30M

Inspector: _____

CITY OF CLEVELAND
DEPARTMENT OF PUBLIC SAFETY – DIVISION OF FIRE
FIRE PREVENTION BUREAU
1645 SUPERIOR AVE., CLEVELAND, OHIO 44114
[(216) 664-6664; (216) 664-6681, fax]

PERMIT APPLICATION FOR THE STORAGE, HANDLING, SALES OR USE OF HAZARDOUS SUBSTANCES/MATERIALS

PERMIT NO.: 36317 DATE: _____ EXPIRATION DATE: 5-9-07
FEE: _____ (*Payable by check/money order to the "City of Cleveland"*)

NAME OF FACILITY: Howmet TMP Corp.
LOCATION/ADDRESS: 3960 S. Marginal Rd. Cleveland, Ohio 44114
TELEPHONE NO. (216) 391-3985

SEPARATE APPLICATION REQUIRED FOR EACH CATEGORY –

1. Corrosives _____
2. Flammable Liquids ✓
3. Combustible Liquids _____
4. Flammable Solids _____
5. Compressed Gases _____
6. Organic Peroxides _____
7. Liquid Petroleum Gases _____
8. Oxidizers _____
9. Reactive Chemicals _____
10. Cellulose Nitrate Film _____
11. Pyroxylin Plastic _____
12. Radioactive _____
13. Refinishing With Highly Flammable Liquids (i.e. Bowling alleys, etc.) _____
14. Dip Tanks ___ Spray Booths ___ Spray Rooms ___ Drying/Baking Ovens ___ (*Operational permit for flammable finishes application & processing*)
15. Other Substances: _____

METHOD OF STORAGE (tanks; cylinders; drums, etc.); QUANTITY OF MATERIAL; INTENDED USE:

drums of Xylene, Acetone, Isopropyl Alcohol, Naptha
300 gallons total -
used for WAX Pattern Finishing

REMARKS/SPECIAL INFORMATION:

Inspector: _____

CITY OF CLEVELAND
DEPARTMENT OF PUBLIC SAFETY – DIVISION OF FIRE
FIRE PREVENTION BUREAU
1645 SUPERIOR AVE., CLEVELAND, OHIO 44114
[(216) 664-6664; (216) 664-6681, fax]

PERMIT APPLICATION FOR THE STORAGE, HANDLING, SALES OR USE OF HAZARDOUS SUBSTANCES/MATERIALS

PERMIT NO.: 36314 DATE: _____ EXPIRATION DATE: 5-9-07
FEE: _____ (*Payable by check/money order to the "City of Cleveland"*)

NAME OF FACILITY: Howmet TMP Corp.
LOCATION/ADDRESS: 3960 S. Marginal Rd. Cleveland, Ohio 44114
TELEPHONE NO. (216) 391-3985

SEPARATE APPLICATION REQUIRED FOR EACH CATEGORY –

1. Corrosives _____
2. Flammable Liquids _____
3. Combustible Liquids ✓
4. Flammable Solids _____
5. Compressed Gases _____
6. Organic Peroxides _____
7. Liquid Petroleum Gases _____
8. Oxidizers _____
9. Reactive Chemicals _____
10. Cellulose Nitrate Film _____
11. Pyroxylin Plastic _____
12. Radioactive _____
13. Refinishing With Highly Flammable Liquids (i.e. Bowling alleys, etc.) _____
14. Dip Tanks ___ Spray Booths ___ Spray Rooms ___ Drying/Baking Ovens ___ (*Operational permit for flammable finishes application & processing*)
15. Other Substances: _____

METHOD OF STORAGE (tanks; cylinders; drums, etc.); QUANTITY OF MATERIAL; INTENDED USE:

9 Drums of lubricating oils and 6 machines with Tanks Full of EDM oil 1300 gallons total

REMARKS/SPECIAL INFORMATION:

Inspector: _____

CITY OF CLEVELAND
DEPARTMENT OF PUBLIC SAFETY – DIVISION OF FIRE
FIRE PREVENTION BUREAU
1645 SUPERIOR AVE., CLEVELAND, OHIO 44114
[(216) 664-6664; (216) 664-6681, fax]

PERMIT APPLICATION FOR THE STORAGE, HANDLING, SALES OR USE OF HAZARDOUS SUBSTANCES/MATERIALS

PERMIT NO.: 36313 DATE: _____ EXPIRATION DATE: NO EXPIRATION DATE
FEE: _____ (*Payable by check/money order to the "City of Cleveland"*)

NAME OF FACILITY: Howmet TMP Corp.
LOCATION/ADDRESS: 3960 S. Marginal Rd. Cleveland, Ohio 44114
TELEPHONE NO. (216) 391-3885

SEPARATE APPLICATION REQUIRED FOR EACH CATEGORY –

1. Corrosives _____
2. Flammable Liquids _____
3. Combustible Liquids _____
4. Flammable Solids _____
5. Compressed Gases _____
6. Organic Peroxides _____
7. Liquid Petroleum Gases _____
8. Oxidizers _____
9. Reactive Chemicals _____
10. Cellulose Nitrate Film _____
11. Pyroxylin Plastic _____
12. Radioactive _____
13. Refinishing With Highly Flammable Liquids (i.e. Bowling alleys, etc.) _____
14. Dip Tanks ___ Spray Booths ✓ Spray Rooms ___ Drying/Baking Ovens ___ (*Operational permit for flammable finishes application & processing*)
15. Other Substances: _____

METHOD OF STORAGE (tanks; cylinders; drums, etc.); QUANTITY OF MATERIAL; INTENDED USE:

drums + cans 30 gallon total Paints + solvents used for painting machinery

REMARKS/SPECIAL INFORMATION:

Site #52
Architectural Real Estate

HS 206349-14-67

#52 T

CITY OF CLEVELAND
DIVISION OF FIRE
FIRE PREVENTION BUREAU

Old Card In File

Address	3000 Lakeside Ave.	Inspection District	Census Tract
Property Name	Property Number	Structure No.	Fire Demand Zone
Responsibility Party	Address		Telephone
Parcel No.	Type of Construction	Number of Stories III	Ground Floor Area

STREET

HOUSE NUMBER

FOR PARTICULARS SEE INSPECTIONS BY INSPECTORS OR COMPANIES UNDER DATES LISTED BELOW. ENTER ALL FIRES IN CHRONOLOGICAL ORDER IN RED INK.

DATE	INSPECTOR	REMARKS
10/75	Tome	Inspection
7/28/76	Tome	Inspection
10-7-77	Tome	Inspection
11-14-79	Madison	See report
7-17-80	Gripp	Inspection
1-18-83	Burling	3 violations
-6-85	Dwyer	Complete. 2 vios.
2-13-85	Dwyer	Reinspection. 2 abatements.
4-19-88	Smith	Meeting/Partial see report

C OF C 73-211

HS 20634 7-14-67

FORM 211-73

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY · DIVISION OF FIRE · BUILDING RECORD

FIRE PREVENTION BUREAU

C. T. M T

STREET Lakeside ave HOUSE No. 3000 BLDG. NAME

STORIES I III CONSTRUCTION Bx 6 CC 225X50X65

OCCUPANCY ~~Assembly~~ Storage JOSAM MFG CO

OWNER OR AGENT MR POLSTER ADDRESS COLUMBUS OHIO

FOR PARTICULARS SEE INSPECTIONS BY WARDENS OR COMPANIES UNDER DATES LISTED BELOW IN INSPECTION FILE NO.----------

Enter All Fires In Chronological Order In Red Ink

Date	Inspector	Conditions Found	Closed
1-5-46	Stanton	The General sheet steel Co machine shop ware house & garage Dept 1 extinguisher 7 lbs CO2 Recommend that the Co Install 2-2½ gal S & A extinguishers Insp & J. J. Hyg	
12-16-49	#8581	@ 1.52 M. Welding Torch. C2500.00	
2-8-49	Dempsey	Welding sparks in contact with oil paper on sheet steel. Ordered more extinguishers	
3-7-51	Lavelle	General sheet Steel Co	ok.
9-13-55	#6859	@ 10:52 A.M. Rubbish-Bonfire	None
9-20-55	Lyons	F.S. Advised occupant to cease burning of any materials	
10-31-55	Lyons	Notified owner to remove all Debris from area of trailer lot, all debris to be carried to city dump, he concurred	
2-4-58	Madden	See report Request letters	
1/7/61	Tone	Insp Good	
6/15/64	McManus	Josam Mfg Co Viol-Mountings-Metal conveyor	FILE
10/19/64	Tone	Insp OK	FILE
4-4-66	Tone	Insp ok	
7-14-67	Tone.	Insp. issued permit applic for. Propane Cylinders (two)	FILE
~~7-14-67~~	~~Tone~~	~~Insp~~	FILE
11-4-68	Tone.	Insp Qt's need service owner agreed to abate	FILE
1-70	TONE	Inspect - NO CHANGE	FILE
1-14-71	Tone.	Insp.	FILE
1-13-72	Tone.	Insp.	FILE
2-22-73	Tone	Insp.	FILE
5-7-74	Tone.	Insp	FILE

HOUSE NO. 3000

OTHER FRONTAGE

1 - 2nd

USE NO. BLDG. NAME

Date	Inspector	Conditions Found	Closed
10/15	Jones	Insp.	FILE
4/12/76	Jones	Insp.	FILE
1-7-77	Jones	Insp	FILE
11-14-79	Madison	See Report	FILE
7-17-80	Gripp	Insp	
1-18-83	Burling	3 Vios	FILE
2-6-85	Dwyer	Complete 2 viol	
2-13-85	Dwyer	Reinsp 3 abatements	

C OR C 73-204

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY

DIVISION OF FIRE

FIRE PREVENTION BUREAU

June 15, 19 69

SIR:

3000 Lakeside

Construction: Type III brick joist wood roof

Size: 200'W x 70'D x 20'H 1 story

Owner: Harry Polstker

Occupant: Josam Mfg. Co.

Occupancy: "Storage" Low

(Plumbing & drainage products)

Heating: Gas fired overhead unit heaters

Fire Protection: 3 CO_2 fire extinguishers 15 lb.

pre-connected garden hose 50'

Remarks: Accompanied on inspection by Phil Pamore warehouse supervisor. Gasoline for sew motor is kept in 5 gal. can. Gave verbal orders on the following.

Violations:

1. Mount all hand fire extinguishers

no. 2 abated

2. keep gasoline can covered

3. Provide cover for metal containers of packing material.

4. Provide covered metal containers for combustible waste.

Inspector

Site #53
Cleveland Fire Academy

C of C 73-33

FILE

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY DIVISION OF FIRE

BUILDING INSPECTORS RECORD

APP. (3151)

S. LT LAKESIDE AVE. HOUSE No. 3101 & 3201 C. T.

NAME OF BLDG. Fire Station & Fire Training School, Drill Tower

OWNER OR AGENT City Of Cleveland

OCCUPANCY Training School - Tower & Fire Station

CONSTRUCTION - WALLS Brick FLOORS Barjoists ROOF Con. B&j STORIES 1-2-6

SPRINKLERS - KIND Tower Only

SPRINKLER - SHUT OFF

VERTICAL OPENINGS

FIRE ALARM EQUIPMENT

STAND PIPES Dry in Tower. 12" Water Connection-12" Yard Main & Hydrant

EXTINGUISHERS

EXITS and FIRE ESCAPES

SPECIAL PROCESS - HAZARDS School 95'x178'x23' Station 72'x118'x27'
Tower 20'x21'x60' (6 stories) 608' Frontage 288'D Center

LAKESIDE AVE. STREET

3101 & 3201 HOUSE NO.

(APP. 3151)

E5

Date	Inspector	Conditions Found	Closed
5/7/63	Schumacher-Schlund	Approved plans for above building.	
5/ /63	LETTER	Mr. A. Martini, 15828 Industrial Parkway #228-63(A)	FILE
9/20/63	Tome.	A/C test of 550 gal gasoline storage tank	
9/24/63	Tome.	Flushing out of U/G water mains. Satisfactory	
10/3/63	Tome	Test Jquiry of 550 gal U/G tank Satisfactory	
8/3/64	Mr Thomas	Interviewed contractor of pressure test	
8-7-64	Mr Ingram	Pressure test witness	
4/1/65	Letter	Jos H. Singer #202-65	FILE
4/2/65	Tome	Insp Re Jos H Singer Co/O.	FILE
4/7/65	Record	Co/O	
8/22-65	711	Mentall Craning RE Dog Bite see report	Suit 2-15
2/15/67	Tome	FILE Letter requested to John McCormick Safety Director	FILE
5-15-70	Letter Recd from Albert Locuoco		FILE
7-31-69	#15199 @ 8½ PM	Auto CC 3478 Short in battery cable	#250 Co
1-20-72	Tome.	Insp. 3101 - Fire Training Academy Visible Noted See Report	FILE
1-20-72	Tome.	Insp. 3151 - Fire Drill Tower.	FILE
1-20-72	Tome.	Insp. 3201 - Fire Station #5 Visible Noted See Report	FILE
2-23-73	Tome	Insp 3101 Labunski.	FILE
2-23-73	Tome	Insp. 3151 "	FILE
2-23-73	Tome.	Insp 3201 "	FILE
5-13-74	Tome	Insp. 3101 Labunski Visible Noted See Report	FILE
5-13-74	Tome	Insp 3151 " See Report	FILE
5-13-74	Tome.	Insp 3201 " " "	FILE

Date	Inspector	Conditions Found	Closed
10-9-74	Tome	re: Suggestion [illegible]	
11-18-74	Tome	re: Field Test - on Sample Synthetic Fibers	FILE
10/2/75	Tome	Insp.	FILE
10/2/76	Tome	Insp.	
10-24-77	Tome	Insp.	FILE
12-13-77	Tome	Talk @ F.T.A.	
1-18-83	BORLINE	COMP. 2 Vos	FILE
4-11-83	JENKINS	TAUGH CLASS	
8-25-83	B. Gance	Attended CLASS reg to use of Air Bags	
8-25-83	Scott	Attended Class reg to use of Air Bags	
10-4-83	Jackson	E.M.S. Class	
9-26-83	Cummings	EMT Class.	
12-30-83	Jackson	Driver Training	
5-29-84	Cummings	Attended E.M.T. classes	
6-13-84	Gance	F.T.A. attended Haz mat Seminar	
3-21-85	Dwyer	Complete	
2/27/86	Keith	Other	FILE
10/1/86	Oliver		
10/29/86	Cummings	Material	
4/14/87	Proctor	Picked up VCR & T.V.	
4/15/87	Chambers	Fire Training Academy delivery for VCR & TV	
5/21/87	Colleran	CLASS - FTA.	
5/26/87	Jenkins	Returned VCR Tapes	
5/22/87	Zahorodniy	School FTA	
10/15/87	ZAhorodniy	Test radiologic equip.	
12-18-87	Maple	Recd. locator test Mask drill	
12/4/87	Chambers	Witnessed Tank removal of (1) 550 gal steel tank	File
12/16/87	Jenkins	Discussed Test	
4/18/88	KOVAC	Other.	
5/5/88	Smith	Class	
5/24/88	Oliver		
6/9/88	Oliver		
4/4/89	Keith	Fa plans app. see report	file
4/18/89	HEARNS	PLANS REVIEW	FILE
4/21/89	HEARNS	PLANS REVIEW APPROVED	FILE
5-3-89	Zahorodniy	FTA - classes Haz mat	File
6/12/89	Scott	tank rollover drill see report	FILE
12/13/90	Scott	FTA. Class. EMT. refresher. Course	file
6-25-91	Oliver	Fire Training Academy Haz mat seminar	
6-20-91	Oliver	Fire " " school " " operations - level training	

3101 - 3201 Lakeside Avenue

ATE	INSPECTOR	REMARKS		
6-25-91	Herrus	FTI7	Okey	Hay Mat session I class
6-23-95	Dougherty	Permits	see report	
8-20-98	VESELSKY	FIRE STOPPING CLASS.		F
8-20-98	OLIVER	FIRE STOPPING CLASS		F
5-18-99	Veselsky	Photo I.D. (3201 Lakeside)		file
5-18-99	Veselsky	Incident Command Sabre		file
5-19-99	AUSTIN	F.T.A.	PHOTO I.D./MASK TEST	
5-19-99	AUSTIN	CARL STOKES BLDG.	Supp. Test	
		Public Utilities Bldg. Hydro. Test of Sprinkler 5th Flr. "App. File" Test		
5-19-99	AUSTIN	4330 W 150TH SURGERY IMAGE CENTER		
		Supp. Test / Hydro. Test of Sprinkler		
		Witnessed Trip Test of Dry System protecting		
		M.R.I. Area. "App. File" Test		
5-21-99	McGinty	F T A	P.C.	
		Whiskey Is.	Re-Insp	
		Network Parking	Test	
		Ben Franklin	complete	
		F.P.B.	AD mw	

C OF C 73-211-A

May 10, 1963

FILE

[redacted]

Re: [redacted]

Dear [redacted]:

In accordance with the [redacted] we are [redacted]

[redacted]

Very truly yours,

[redacted]

[redacted]

OF C 78-2U3A

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY
DIVISION OF FIRE
FIRE PREVENTION BUREAU

File

9/11 3

September 20 - 1963 19

SIR:

Accompanied by Capt. Sobie.

3101-3201 Lakeside Ave Eng. 5 X

(new construction.)

Contacted Mr. James Pickering, of the [illegible] Heating & Ventilating Co., 1775 E 45 St. Supervised the above ground test of a 550 gallon gasoline storage tank, with 5 lbs of air pressure. Lines & plugs were tested with soap & water. Test was satisfactory. Supervised the placing of the tank, with clean lake sand.

Inspector: L. Tone #3

Notification for Underground Storage Tanks

1. [illegible]	2. [illegible]	3. [illegible]	4. [illegible]
City of Cleveland Fire Training Academy [illegible] Avenue Cleveland, Ohio 44119 County: Cuyahoga Cross St: E. 33rd	City of Cleveland Division of Motor Veheicle Maintenance 4150 East 49th Street Cleveland, Ohio 44105	City of Cleveland Division of Motor Vehicle Maintenance 4150 East 49th Street Cleveland, Ohio 44105	Donald L. Haskins (216) 271-2827

5. Type of owner (Mark "X" in appropriate box)

☐ Private ☒ Government

6. Remarks (1) Tanks removed in November 1987

Complete the following section(s) to the best of your knowledge using the examples provided as guidance. Check appropriate boxes and fill in blanks where applicable. If you need more space, photocopy this page or use a continuation sheet. If you do not know the answer, enter "unknown."

7. All tanks currently in use or that will be brought into use and all tanks no longer in use.

A. Tank No.	B. Age	C. Total capacity (gal)	D. Steel	D. Fiberglass reinforced plastic	D. Other (specify)	E. Lined	E. Unlined	F. [illegible]	F. [illegible]	F. Cathodic protection	F. Other (specify)	G. [illegible]	G. [illegible]	G. [illegible]	G. [illegible]	CAS #	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	5	10,000		X			X	X						X						
[illegible]	8	8,000	X				X			X					Trichloroethylene	1710				
[illegible]	26	8,000	X				X	X					X				6	75	120	X
1	23	550	X				X					X					04	66	100	X
2																				
3																				
4																				
5																				
6																				
7																				

8. Certification

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true, accurate, and complete.

A. Name, SSN and Official Title of owner or owner's [illegible]

Donald L. Haski[illegible] 287-40-1663
Assistant Commissioner/Fleet Manager

B. Signature

Donald L. Haskins

This information is required by Section 9002 of the Federal Resource Conservation and Recovery Act [illegible]

CITY OF CLEVELAND

DEPARTMENT OF PUBLIC SAFETY

DIVISION OF FIRE

FIRE PREVENTION BUREAU

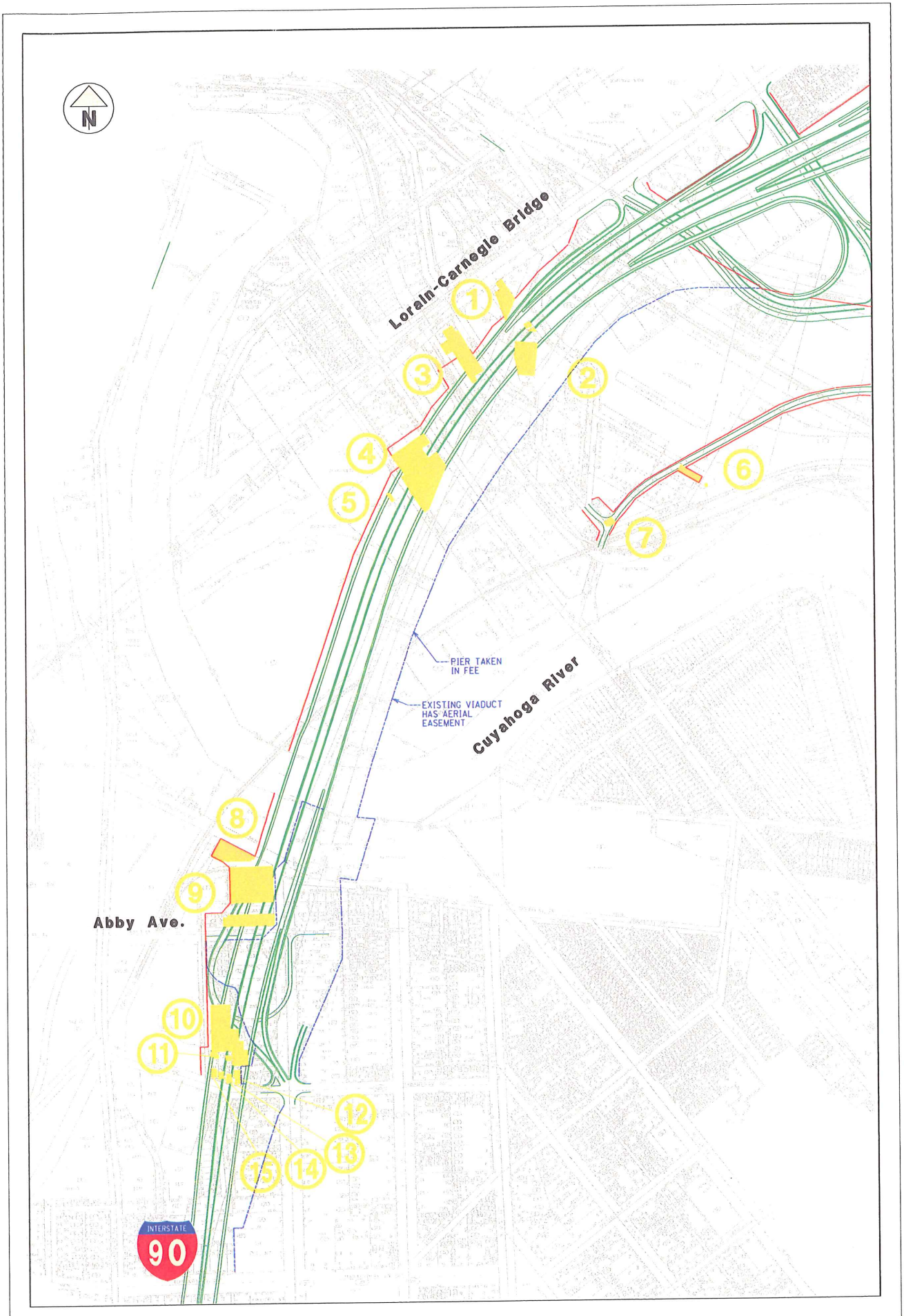
12-4

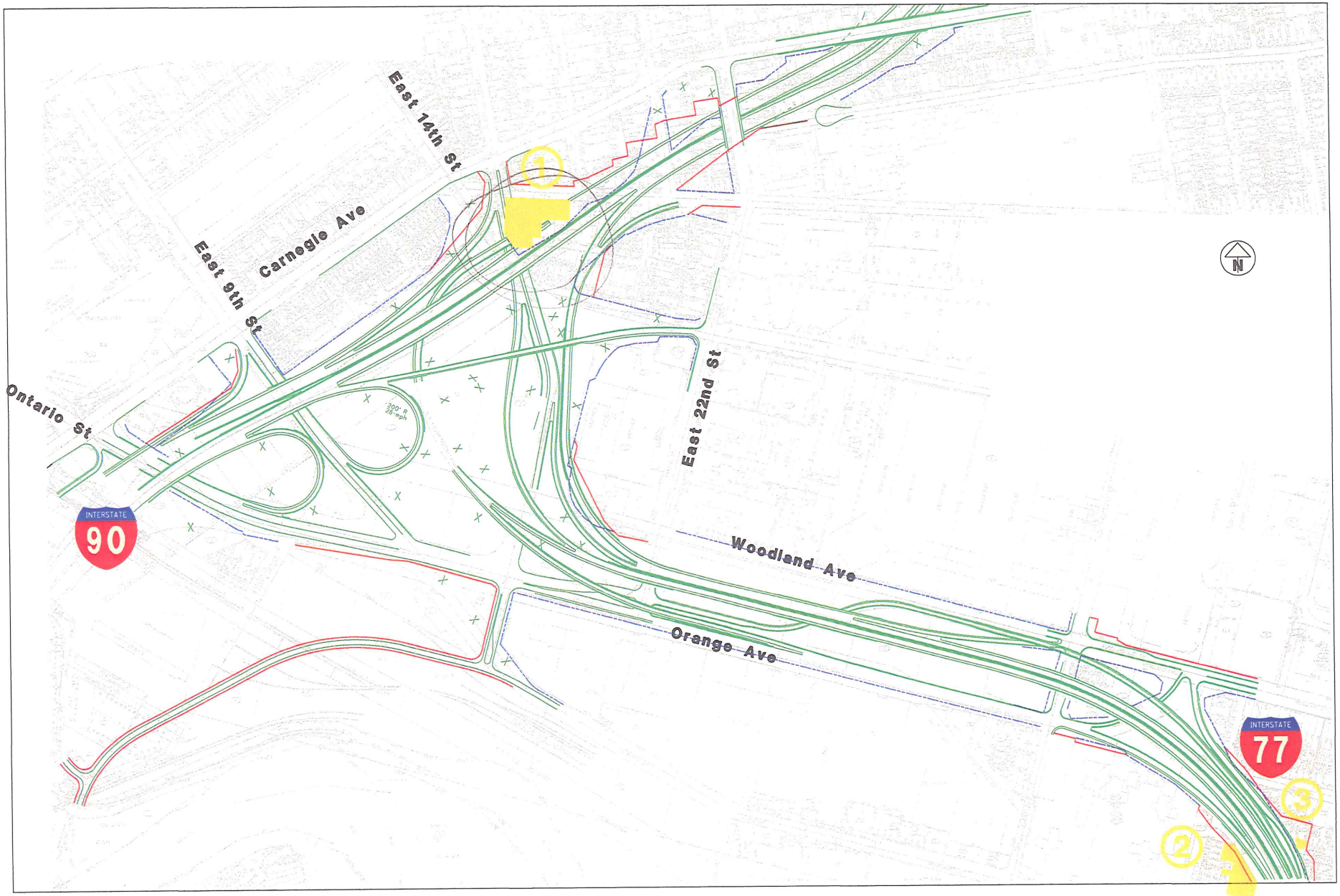
Detail

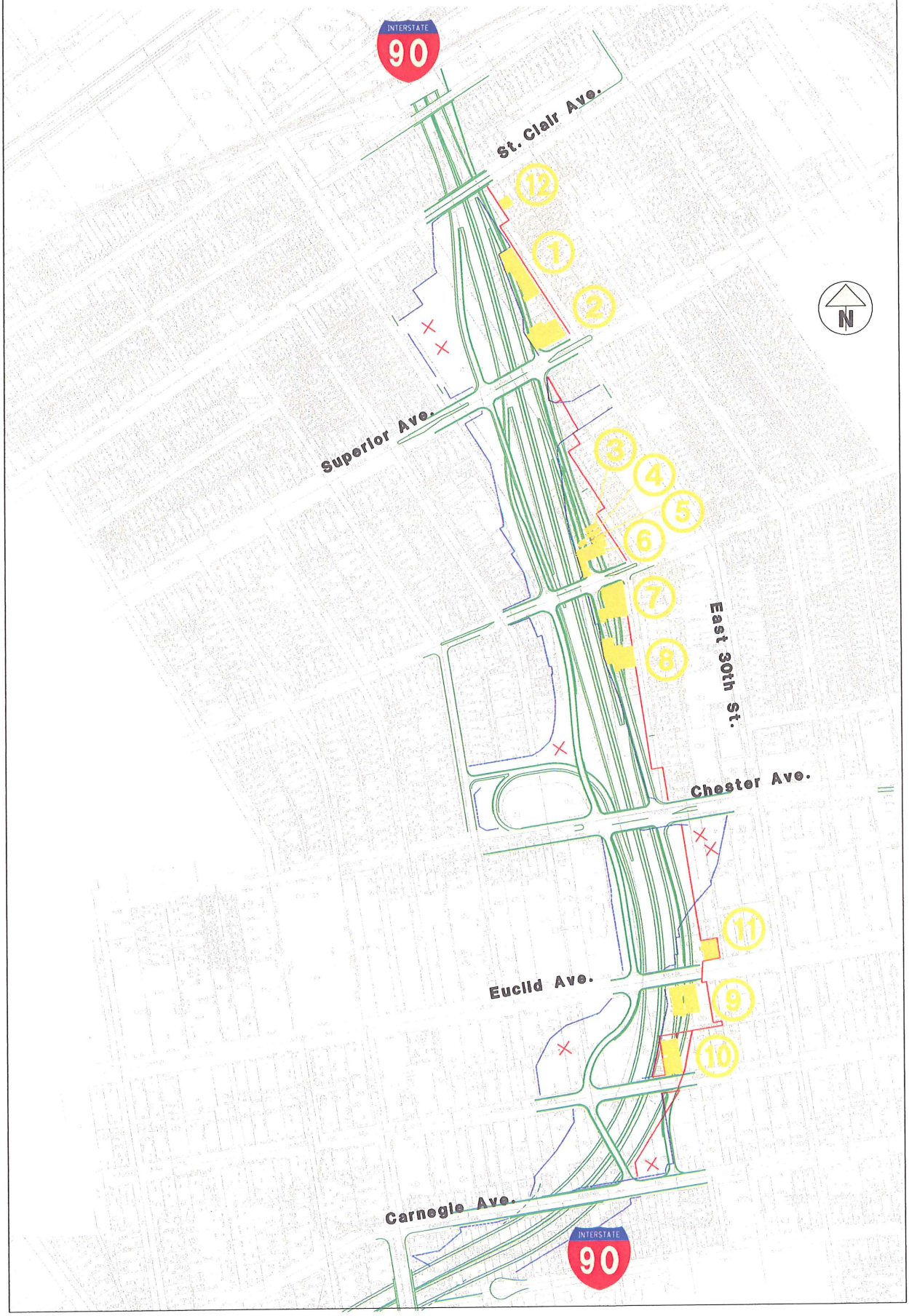
Re: 3241 LAKESIDE
FIRE STATION #5

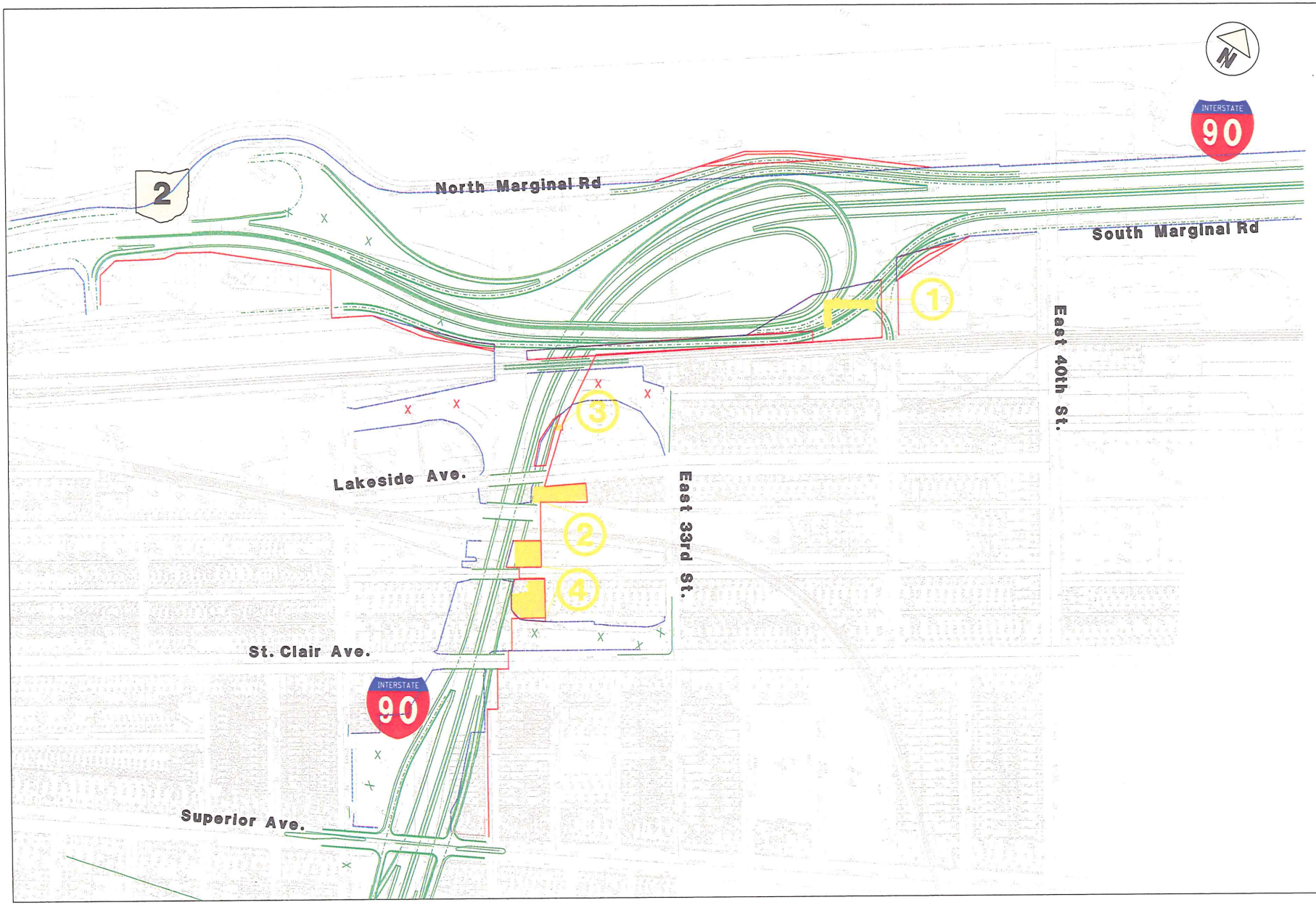
WITNESSED TANK REMOVAL OF 550 GAL
STEEL TANK. VINCENT MAHER OF
MAHER CO. WAS THE GENERAL CONTRACTOR
(216) 249-5552, THE VENT LINE WAS CAPPED
THE HOLE WAS BACK FILLED PROPERLY AND
CLEANED OFF PREMISES AS PER CODE
NO VIOLATIONS

Appendix G


N
Lorain-Carnegie Bridge
1
2
3
4
5
6
7
PIER TAKEN IN FEE
EXISTING VIADUCT HAS AERIAL EASEMENT
Cuyahoga River
8
9
Abby Ave.
10
11
12
13
14
15
INTERSTATE
90


East 14th St
Carnegie Ave
East 9th St
Ontario St
East 22nd St
Woodland Ave
Orange Ave
INTERSTATE
90
INTERSTATE
77
1
2
3
N


INTERSTATE
90
St. Clair Ave.
12
1
2
N
Superior Ave.
3
4
5
6
7
8
East 30th St.
Chester Ave.
11
Euclid Ave.
9
10
Carnegie Ave.
INTERSTATE
90


N
INTERSTATE
90
2
North Marginal Rd
South Marginal Rd
East 40th St.
1
3
Lakeside Ave.
East 33rd St.
2
4
St. Clair Ave.
INTERSTATE
90
Superior Ave.