

## **APPENDIX A**

### ***HISTORICAL DOCUMENTATION***

# NIAGARA SANITATION COMPANY - A SH ROAD SITE

## SUMMARY OF FILE (1962-1986)

Phanell  
Score  
Sm 3.3  
SFE 26.25  
Sol 37.50

- 2-28-62 NYSDOH to File RE: Possible rat INFESTATION
- 1-12-65 NYSDOH IN HOUSE MEMO RE: INSPECTION
- 2-26-64 NYSDOH INSPEC - REFERS TO CARBONUM WASTES
- 4-12-64 Petitions to stop siting of new landfill at Lockport Rd & Walmore Rd
- 3-20-65 Citizen complaint RE: unhealthy conditions at dump
- 3-23-65 NCHD INSPECTION
- 4-23-65 Follow-up to 3-20 Citizen Complaint - DEMANDS to know status
- 5-24-65 Asst Commis. Health → Wheatfield Town Board: Asking to find new site
- 6-4-65 " → " RE: confirm info of 6-3
- CONFERENCE stating new site will be sited soon
- 5-27-66 NCHD → Wheatfield RE: Order to Show Cause on improper operation
- 6-10-65 Citizen complaint
- (4-28-65) MEETING OF NEIGHBORS & NCHD
- (5-21-65) NCHD visits site
- 6-12-65 NYSDOH INSPECTION
- 9-14-65 Commissioner → NIAGARA SANITATION RE: improper operation
- 9-27-65 NYSDOH INSPEC → RECOMMENDS legal action
- 10-28-65 Attorney → Attorney RE: Wheatfield/NI.A. Sanitation Agreement
- 4-4-66 NCHD → Wheatfield Town Board RE: OPERATIONAL problems
- 5-20-66 Attorney MEMO RE: slides
- 8-31-66 Summer 66 REPORT - NOTES MANY IMPROVEMENTS MENTIONS 30X10X300ft  
disposal AREA
- 6-1-66 NYSDOH INSPEC
- 6-10-66 NCHD → Wheatfield RE: 6/2/66 hearing
- 6-10-66 NCHD inspection/survey
- 6-11-66 NYSDOH INSPECTION of 7/8 comments
- 7-12-66 NCHD → Wheatfield memo
- 8-29-66 NCHD MEMO RE: UNAUTHORIZED CITIZEN ACTION

2-3-66 NCHD → wheatfield re: operations  
 1-18-67 NCHD → wheatfield re: improvements & deficiencies  
 -11-67 Citizen complaint re open water holes  
 -26-67 NT → NCHD RE: DANGEROUS conditions at site  
 -25-67 NCHD → wheatfield RE 7/21 CONFERENCE & drainage plans  
 -26-67 NCHD → NT RE: DRAINAGE PROBLEM  
 -25-67 Surveyors → NCHD RE: PRINTS FOR PROPOSED GRADING  
 -3-67 NCHD → Surveyors → RETURNED PRINTS BECAUSE DOES NOT ADDRESS COVER  
 -30-67 Surveyors → NCHD RE: ENCLOSED PRINTS  
 -1-67 NCHD → Surveyors → RE: ACCEPTS PLAN  
 2-27-67 NCHD → HASLEY TRUCKING RE: CEASE USING DUMP UNTIL ~~PER~~ COMPLIANCE  
 -3-68 N 4500H INSPEC  
 -3-68 NCHD → wheatfield → MENTIONS CHEMICAL WASTES BEING BURIED  
 -4-68 NCHD → wheatfield / requests using NCRDD - wheatfield discontinue this site  
 -15-69 NCHD INSPECTION with sketch  
 -1-68 Status Survey  
 -13-69 NCHD INSPEC with sketch  
 11-69 COMPLAINT RE Flooding backyard  
 14-69 NCHD INSPEC " " " "  
 -28-71 COMPLAINT - Pooled water - ODOR  
 11-78 wheatfield → NCHD Acknowledges chemical material & REQUEST NCHD to  
~~investigate~~ investigate  
 2-78 NCHD INSPECTION

Date Abated 9/12/78 By C. Nawakowski

FINDLAY, HACKETT, REID AND WATTENGEL

ATTORNEYS AND COUNSELLORS AT LAW

UNITED OFFICE BUILDING

P. O. BOX 726, FALLS STATION

NIAGARA FALLS, NEW YORK 14303

AREA CODE 716

285-7564

JACK W. HACKETT  
PAUL H. REID, JR.  
JERALD A. WATTENGEL  
GLENN S. HACKETT  
DAVID M. CHRISTY  
TIMOTHY J. TOOMEY

*intro Mr. Hackett*  
*File Wheatfield*  
*Nash Rd.*  
FRANCIS T. FINDLAY  
(892-1971)  
*Dump*

September 11, 1978

Niagara County Health Department  
10th and East Falls Street  
Niagara Falls, New York

RE: Town of Wheatfield, New York

Gentlemen:

The Town Board of the Town of Wheatfield has requested that I advise the County Agencies involved that there was in the past a dumping of chemical material at the Town of Wheatfield Nash Road dump.

The Town Board, in light of recent developments concerning chemical leachage, hereby requests that the Niagara County Health Department take the necessary steps to conduct an analysis of the aforesated area so that the residents of that area can be rest assured there doesn't exist any dangerous situation.

If you have any questions, please contact me.

Yours very truly,

FINDLAY, HACKETT, REID & WATTENGEL

BY *Glenn S. Hackett*  
TOWN OF WHEATFIELD ATTORNEY *fmc*

GSH/fmc

cc: Economic Development and Planning Department

Code Activity .....  
Code Location .....  
Service Request No. ....  
Date Received Complaint .....

Name Mrs. Patch  
Address 130 Forbes St  
Location Old Wheatfield Dump  
Request same

130 - FORBES ST. MT.

Date 5-28-76

Code 81 A2

REPORT OF INVESTIGATION

Mr. Portah complained of conditions at rear of his residence. Old gas line in back of his residence. When she believes that Hooker Chemical used this line for burying salt brine. She would like area leveled off to prevent water accumulation.

5th also complaint of old dump (Wentfield)  
There is deep water in area of dump creating a  
hazard to children. odor and mosquitoes  
present a problem to area Forbes street residents.

Date Abated May 28, 1971 By K. S. Salas

1) check to see if Home Ties at  
2) check to see if Home Ties at

**NIAGARA COUNTY  
DEPARTMENT OF HEALTH**

check wheatfield dump

Code Activity .....

Code Location .....

Service Request No. ....

Date Received Complaint 11/14/19

Service Request surface water in Runway between 31 Fort St.

Originator of Complaint N.C.D.H. Address 674 North 14th

Owner ..... Address .....

Occupant ..... Address .....

Date	Hours	REPORT OF INVESTIGATION
4/14	1100	<p>① The most near portion of lots on Forbes St. from Forbes Terrace to Mark St. - there is a continuous string of small ponds that vary in size and depth. These waterways lots border land owned by the Niagara Mohawk Power Co. upon which high voltage towers and power lines are located. Adjacent to the land owned by Niagara Mohawk borders the approach road to the wheatfield dump and part of the dump itself. The portion of the home owner land adjacent to that owned by the power co is lower in depth while the wheatfield dump area adjacent to the Mohawk land is higher. Under this arrangement we have the home owner lots heavily flooded - the Niagara Mohawk land slightly flooded and the wheatfield dump fairly dry.</p> <p>② In the area behind 32 Forbes Terrace is another pond. This pond is located upon the wheatfield dump and the outer edge of pond has formed the flooded rear portion of the homes 22, 24, 32 and 38 Forbes Terrace.</p> <p>The area behind 32 Forbes Terrace was graded at one time but has now settled and formed a small pond. In speaking to Mr. Krueger the agent of Highways for Wheatfield - he has stated he will grade this area and add fill when the weather permits him to do so. He will be able to grade this area only as high as the rear grade of the homes is present. This will rid the area of the pond but the portions of homes that are</p>

Date Abated 11/17/19 By A. P. ...

# **NIAGARA COUNTY DEPARTMENT OF HEALTH**

Code Activity .....

Code Location .....

Service Request No. ....

Date Received Complaint .....

Service Request Surface water around houses

Originator of Complaint ..... Address .....

Owner ..... Address .....

Occupant ..... Address .....

Date	Hours	REPORT OF INVESTIGATION
		<p>lower than the pond which will be under some water.</p> <p>As respect to the flooded area on Fisher street this problem is much greater. Mr Kuzner will clean out an existing ditch that runs along the approach road to dump. This ditch runs about 1000 yards behind the homes in question but is behind only about half of the homes that have fronting on them. This ditch is separate from the front ones behind by approach road to dump and the land owner, Margaret Mochant. Mr Kuzner has also stated he would put a ditch to the other side of approach road on its border line between Whetzel's land and Powell's land if so desired by us. Grounding that Margaret Mochant agrees to this. It must be noted that if land where fronting lot is lower than that of Dryden Creek where water must flow this ditch will not drain off all the surface water. Ditch in question will not take care of all the front in question. Another possibility is the use of sanitary sewers located to the front of these homes. The heart of the problem is that the land owned by the home owners is much lower than the land adjacent to them. This lowness appears to have always existed and may have been made more pronounced by the dump once being full in.</p> <p>At the present time no health problem exists and the above suggestions are only for further consideration should a health problem arise.</p> <p>Sanitary and storm sewers present on Fisher street.</p>

Date Abated 4/14/69 By D. Pasqualetto



## Date Received Complaint .....

Occupant.....Address.....

Date Abated 6/14/02 By J. Argueta

4/14/69

WATER TO REAR OF HOMES IN FORBES STREET

DEPTH OF WATER ~ 2" TO 12"

POND SIZE - LENGTH APP. 2000 YD - WIDTH APP. 40 FT

PUBLIC WATER - FORBES ST.

PUBLIC SEWERS - FORBES ST.

2A

PRIVATE DITCH  
S.W. →

NIAGARA FALLS DLVD.

WEATFIELD  
DUMP

DITCH - END APP. 1000 YD

APPROACH ROAD TO DUMP

THUNDER

POWER LINES

LOW AREA PONDING IN CREEK VALLEY

27 HOMES

FORBES TER.

FORBES ST.

FORBES ST.

authr. P. J. ...

9882

NIAGARA COUNTY HEALTH DEPARTMENT  
SERVICE REQUEST

Name Mr De Marco

Address 32 Forbes Ave.

Location N. Torrance

Request Water on lot.

Code Activity 994-82

Code Location A2

Service Request No. 9882

Date Received Complaint 4/1/83

Date 4/11/69

Code 82 A2

32 Falls toward N.E.

Date	Hours	REPORT OF INVESTIGATION
4/11	3 <sup>00</sup>	<p>surface water has collected on the rear portion of the lot due to the fact that the land is low. The Wheatfield dump also borders the rear of lot in question (32 Foster Lanes) and also is low in respect to surrounding land and a small pond has been formed which is mostly located on the dump site but does extend to the D &amp; W lot.</p>
	4 <sup>00</sup>	<p>On spot checking the other lots that are to the left and right of the D' Mares<sup>47</sup> I found that they are also under water to various degrees. This was caused by surface water and due to the fact that a low ridge exists where rear lot of house and Wheatfield dump meet.</p>

Date Abated 4/21/09

By G. Van der Linde

**NIAGARA COUNTY  
DEPARTMENT OF HEALTH**

Code Activity .....

Code Location .....

Service Request No. ....

Date Received Complaint .....

Service Request Inspection of Town of Wheatfield Dump  
 Originator of Complaint ..... Address Nash Road  
 Owner Town of Wheatfield ..... Address .....  
 Occupant ..... Address .....

Date ..... Hours .....

**REPORT OF INVESTIGATION**

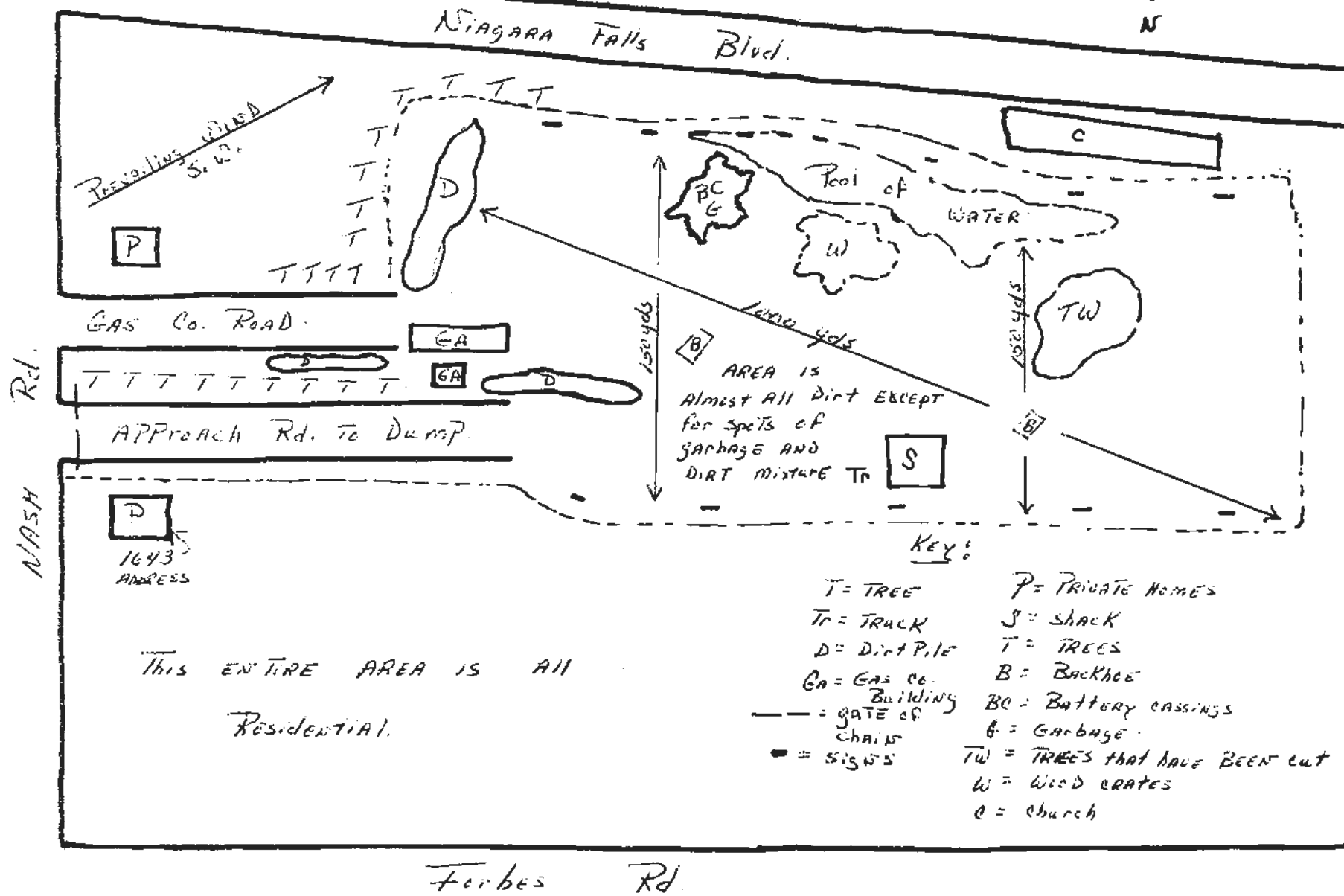
Inspection of the Town of Wheatfield dump site revealed that app. 90% of the area had been graded with soil and no exposed garbage was found. On the site were found; 1 Pile of wood pile limbs covering an area of app. 20' x 20' by 10' in height; 1 Pile of somewhat scattered old crates and barrels encompassing an area of app. 100 sq. ft; also found were a few scattered areas of battery casings, and 1 pile of mixed wood and battery casings. Entrance to the site was barred by means of a chain strung across the approach road. A total of 16 signs were found around the dump site proper stating; Property of the Town of Wheatfield No Trespassing. For exact locations of above areas consult map on following page.

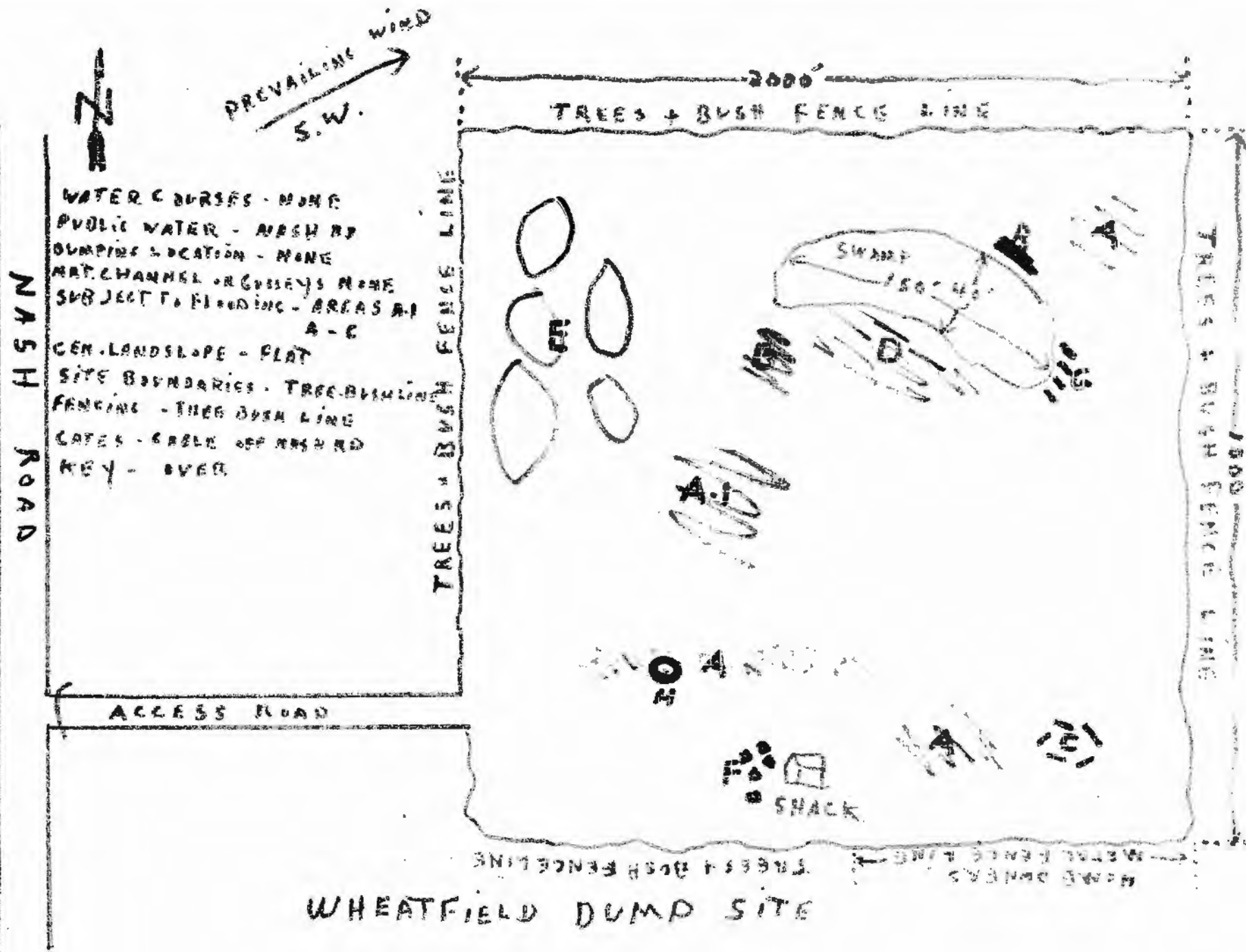
Date Abated 3/13/09

By John Chisholm

Wheatfield Dump.

↑  
N





## Date Received Complaint .....

Occupant NA Address NA

Date Abated 8/12/09 By U. Farquhar-His

BUREAU OF SOLID WASTES ENGINEERING AND  
COMMUNITY ENVIRONMENTAL HEALTH

REFUSE DISPOSAL AREA STATUS

Name of refuse disposal area Town of Wheatfield Dump

Location Town of Wheatfield - Mash Road T-10-61 Niagara County

Operated by Niagara Sanitation, Inc.

1. Does open burning occur routinely or periodically? Yes        No X

If yes, has a written exemption for the burning been granted? Yes        No       

2. Does deposited refuse, or leachings from it, result in apparent contravention of water quality standards? Yes        No X

3. Is deposited refuse usually confined to an effectively controlled area? Yes X No       

If no, has a written exemption been granted to the operator? Yes        No       

4. Is deposited refuse normally compacted and covered with suitable material within 24 hours? Yes X No       

If not covered within 24 hours, has a written exemption been granted? Yes        No       

If not covered within 24 hours, describe how frequently refuse is covered       

5. Are effective means taken to control insects and rodents? Yes        No X

6. Describe what is being done to bring the operation of this refuse disposal area into compliance with Part 19 (Attach Abatement Schedule) This area will be abandoned soon and all

material will be brought to the Niagara County Solid Waste Agency disposal site.

Name and title of person  
completing this form See

Date October 1, 1968



File: Niagara San - 7/2/68  
nd  
10/1/68 LF

4-1-68  
D. J. J.

September 4, 1968

Mr. Stanley A. Brzezinski  
2080 River Road  
Niagara Falls, New York

Dear Mr. Brzezinski:

Since the Niagara County Solid Waste Agency is now in limited operation on their site in the Township of Wheatfield--City of North Tonawanda, it is respectfully requested that your board contact their Assistant Director, Mr. Webster, so that arrangements may be made to use the County's facilities, thereby enabling you to discontinue the use of your present disposal site.

We would then hope and trust that immediate action would be taken to rehabilitate your present disposal site by completing the necessary cover and final grading.

In view of our mutual interest in this problem, we would appreciate being kept advised on the circumstances of this situation.

Yours very truly,

W. M. Friedman  
Assistant Commissioner  
for Environmental Health

WMT:ms

cc: Mr. Bert J. Murphy, Supervisor  
North Tonawanda

File Niagara Falls - Model  
inaction CP

file

October 3, 1968

Mr. Stanley Z. Brzezinski, Supervisor  
Town of Wheatfield  
2080 River Road  
Niagara Falls, New York

Re: Wheatfield Town Disposal Site  
Town of Wheatfield

Dear Mr. Brzezinski:

On September 26, 1968, the writer made an inspection of the above disposal site at which time he was accompanied by and interviewed your operator, Mr. Zino. While we are pleased with the improvements effected at this site over the past year there now exists unsatisfactory conditions that should be call to your attention.

First, the disposal of domestic refuse is being accomplished in close proximity to the chemical waste recently buried here. This not only makes possible the exposure of these wastes to the atmosphere but is also resulting in considerable difficulty in the proper burial of the refuse. The area where the chemical waste has been buried should be roped to keep heavy equipment away from this location.

Considerable industrial and urban renewal wastes are being disposed of on this property with no attempt at burial. Since these contain a considerable amount of domestic garbage and considerable fly-breeding has been taking place, we must request your cooperation in having these wastes buried in accordance with the State Sanitary Code.

We would call your attention to our letter of September 4, 1968 requesting that you make arrangements with the County Solid Waste Agency to dispose of all refuse at the County Site, so that the town disposal site may be discontinued and the necessary final cover and grading effected.

Very truly yours,

W. M. Friedman, P.E.  
Assistant Commissioner for  
Environmental Health

WMP...lam

CC: B. Murphy

# NEW YORK STATE DEPARTMENT OF HEALTH

## INSPECTION REPORT FOR REFUSE DISPOSAL AREAS

NAME OF SITE		LOCATION (T,V,C)		COUNTY	
OWNER		ADDRESS			PHONE
OPERATOR <i>N. Scott</i>		ADDRESS			PHONE
DAYS AND HOURS SITE IS OPEN					
MUNICIPALITIES SERVED <i>City of York</i>			REFUSE COLLECTORS (NAMES)		
TOTAL POPULATION		PERCENT SERVED			
COLLECTIONS PER WEEK: SUMMER WINTER		TYPES OF REFUSE: MIXED <input type="checkbox"/> GARBAGE <input type="checkbox"/> REFUSE <input type="checkbox"/> OTHER <input type="checkbox"/> <i>WOODS</i>			
BUSINESS		TOTAL AMOUNT OF REFUSE: _____ TONS PER WEEK			
RESIDENTIAL		TOTAL AMOUNT OF REFUSE: _____ TONS PER WEEK			
TOTAL USABLE AREA (ACRES)	TYPE OF SOIL AND TOPOGRAPHY				DEPTH TO ROCK
DUMPING CONTROLLED BY SIGNS <input type="checkbox"/> FENCING <input checked="" type="checkbox"/> SUPERVISION <input checked="" type="checkbox"/>					DEPTH TO GROUND WATER
GATE AND LOCK PROVIDED AT ENTRANCE					YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
SITE LOCKED WHEN CLOSED					YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
ATTENDANT ON DUTY WHEN SITE IS OPENED					YES <input type="checkbox"/> NO <input type="checkbox"/>
DRAINAGE INTERFERES WITH OPERATION					YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
PAPERS CONFINED TO SITE					YES <input type="checkbox"/> NO <input type="checkbox"/>
DO SWINE FEED ON DUMP					YES <input type="checkbox"/> NO <input type="checkbox"/>
COMPLAINTS FROM PEOPLE IN THE AREA <i>None known</i>					YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
SUITABLE COVER MATERIAL AVAILABLE					YES <input type="checkbox"/> NO <input type="checkbox"/>
IS REFUSE ADEQUATELY COVERED					YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
COVER MAINTAINED TO PREVENT EXCESSIVE POOLING OF WATER, CRACKING, ETC.					YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
DEPTH OF COVER: <i>6" 1'</i>					TYPE OF MATERIAL BURNED:
TYPE OF COVER: <i>Gravel</i>					METHODS OF CONTROL:
FREQUENCY OF COVER: <i>1 time per day</i>					FREQUENCY AND TIME OF BURNING: <i>After</i>
ADEQUATE EQUIPMENT AVAILABLE TO MAINTAIN DISPOSAL AREA YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>					FIRE PROTECTION AVAILABLE YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
DESCRIBE TYPE AND NUMBERS: <i>1 Dozer</i>					DESCRIBE: <i>Fire extinguisher</i>
METHODS OF DISPOSAL OF LARGE ITEMS (FURNITURE, TANKS, APPLIANCES, STUMPS, ETC.) <i>Push &amp; burn</i>					PRECAUTIONS TAKEN TO PREVENT FIRE: <i>None</i>

EXEMPTIONS GRANTED BY FULL-TIME HEALTH OFFICER:

INSPECTED BY (SIGNATURE)	PERSON INTERVIEWED	DATE
	TITLE	

\*STATE DETAILS UNDER REMARKS

Address Reply to:

Field Office  
355 77th Street  
Niagara Falls, New York 14304

May 20, 1968

Mr. W. M. Friedman, P. E.  
Asst. Commissioner for Environmental Health  
Niagara County Health Department  
525 Bewley Building  
Lockport, New York 14090

Dear Mr. W. M. Friedman, P. E.

Subject: Chemical Waste Disposal  
Township of Wheatfield

In reference to your letter of May 6, 1968, where you requested assurance that there was no garbage or refuse in our proposed dump site this office has the following comments:

A.) On May 16, 1968, our District Soils Engineer sent you copies of the four (4) explorations in the Town of Wheatfield dump area, these borings show no garbage or refuse in our proposed dump area.

B.) Finished grades will be in accordance with the plans submitted by Krehbiel, Guay, Rugg & Hall and under the supervision of the State of New York.

Very truly yours,

*Joseph P. Cain*

Joseph P. Cain  
Engineer-in-Charge  
N.Y.S. Dept. of Trans.

JPC/jmw

cc. Mr. Norman W. Krapf  
Mr. Herbert Goodkind  
Mr. Vincent S. Bogren  
File



STATE OF NEW YORK

*Chemical Dump*  
DEPARTMENT OF TRANSPORTATION

GEN. WILLIAM J. DONOVAN STATE OFFICE BLDG., 125 MAIN ST., BUFFALO, N. Y. 14203

COUNTIES IN DISTRICT 5 CATTARAUGUS. CHAUTAUQUA. ERIE. NIAGARA

J. BURCH McMORRAN  
COMMISSIONER

NORMAN W. KRAPF  
DISTRICT ENGINEER

City of Niagara Falls  
LaSalle Expressway, Sect. I  
Niagara County

May 16, 1968

Mr. William Friedman  
Niagara County Health Department  
Lockport, New York

Dear Sir:

At the request of Mr. Joseph Cain, Engineer-In-Charge of the above project, state drilling forces have progressed four (4) explorations in the Town of Wheatfield dump area at the site of the proposed chemical waste disposal location.

The soils material at the disposal elevations appears to be a highly plastic glacial till, highly impervious. Atterberg Limit tests run on representative samples place the Liquid limit at approx. 43% with a Plastic Index of about 23.

The Silt-Clay is highly impervious to the flow of water and should be an acceptable dump area.

The boring logs of our drill holes as well as a location plan of same is attached.

Very truly yours,

By *Peter Nowadly*  
Peter Nowadly  
District Soils Engineer

PN:rd

CC: Mr. K. L. Reitmeier  
Mr. J. P. Cain  
District Office File  
Soils Lab File

RECEIVED  
MAY 20 1968  
NIAGARA COUNTY HEALTH  
DEPT.  
LOCKPORT, N. Y.

DISTRICT NO. 5  
 COUNTY Niagara  
 B.S.M. PROJ. NO. 5-591

STATE OF NEW YORK  
 DEPARTMENT OF PUBLIC WORKS  
 BUREAU OF SOIL MECHANICS  
 SUBSURFACE EXPLORATION LOG  
 (STATE FORCES)

HOLE NO. DH #1  
 LINE & STA. see  
 OFFSET attached

PROJECT La Salle Arterial Hwy. Section 1

QUAD. LOCATION \_\_\_\_\_ DATE, START 5-10-68 SURF. ELEV. 578.5  
 SOIL SERIES \_\_\_\_\_ DATE, FINISH 5-10-68 DEPTH TO WATER see note  
 (ALSO DESCRIBE UNDER "REMARKS")

CASING O.D. \_\_\_\_\_ I.D. \_\_\_\_\_ WEIGHT OF HAMMER 300# HAMMER FALL \_\_\_\_\_  
 SAMPLER O.D. 2" I.D. 1-3/8" INSIDE LENGTH OF SAMPLER 20" CASING 18" SAMPLER 18"

DEPTH BELOW SURFACE	BLOWS ON CASING	SAMPLE NO.	BLOWS ON SAMPLER					CROSS SECTION	MOISTURE	COLOR	DESCRIPTION OF SOIL AND ROCK	REMARKS
			0 6	6 12	12 18	18 24						
0		1	Sampled from Auger						M Br		Silt, some clay, tr. of organic matter, fine sand & sanitary fill material	(FIRM)  573.5
5		2	2	5		4		37.0	Br		Silt, some clay, tr. to some sanitary fill material	(FIRM & PLASTIC)  568.5
10		3	8	8		6		38.6	Br		Silt, some clay, tr. of sanitary fill material	(STIFF & PLASTIC)  563.5
15		4	1	1		1		42.8	Br		Silt, some clay, tr. of fine sand	(VERY SOFT & PLASTIC)  558.5
20		5	1	1		1		46.0	Br		Silt, some clay, tr. of fine sand & sanitary fill material	(VERY SOFT & PLASTIC)  553.5
25		6	wt	wt		wt		42.9	Br		Silt, some clay	(VERY SOFT & PLASTIC)
30		7	wt	1		1		42.6	Br		Same	(VERY SOFT & PLASTIC)  543.5
35		8	2	1	0	3			M Br		Silt, some fine sand, tr. of fract. stone & clay	(HARD) 542.5
40											Bottom of Hole	
45											NOTE: Gnd. to Water: 3' at 3' Non-evident at 36'	
50												

THE SUBSURFACE INFORMATION SHOWN HEREON WAS OBTAINED FOR STATE DESIGN AND ESTIMATE PURPOSES. IT IS MADE AVAILABLE TO BIDDERS ONLY THAT THEY MAY HAVE ACCESS TO IDENTICAL INFORMATION AVAILABLE TO THE STATE. IT IS PRESENTED IN GOOD FAITH, BUT IS NOT INTENDED AS A SUBSTITUTE FOR INVESTIGATIONS, INTERPRETATION OR JUDGMENT OF THE BIDDER.

DRILL RIG OPERATOR S. Bauer  
 SOIL DESCRIPTIONS J. R. Zieziula  
 ROCK DESCRIPTIONS \_\_\_\_\_  
 DISTRICT SOILS ENGR. P. Nowadly  
 SHEET 1 OF 1 DH #1  
 HOLE NO. \_\_\_\_\_

DISTRICT NO. 5  
COUNTY Niagara  
B.S.M. PROJ. NO. 5-591STATE OF NEW YORK  
DEPARTMENT OF PUBLIC WORKS  
BUREAU OF SOIL MECHANICS  
SUBSURFACE EXPLORATION LOG  
(STATE FORCES)HOLE NO. DH #2  
LINE & STA. see  
OFFSET attachedPROJECT LaSalle Arterial Hwy. Section IQUAD. LOCATION \_\_\_\_\_ DATE, START 5-10-68 SURF. ELEV. 577.6  
SOIL SERIES \_\_\_\_\_ DATE, FINISH 5-10-68 DEPTH TO WATER see note  
(ALSO DESCRIBE UNDER "REMARKS")CASING O.D. \_\_\_\_\_ I.D. \_\_\_\_\_ WEIGHT OF HAMMER 300# HAMMER FALL \_\_\_\_\_  
SAMPLER O.D. 2" I.D. 1-3/8" INSIDE LENGTH OF SAMPLER 20" CASING 18" SAMPLER 18"

DEPTH BELOW SURFACE	BLOWS ON CASING	SAMPLE NO.	BLOWS ON SAMPLER				CROSS SECTION	MOISTURE	COLOR	DESCRIPTION OF SOIL AND ROCK	REMARKS
			0 6	6 12	12 18	18 24					
0		1	Sampled from flights					W	Blk	Organic Matter with fine sand, tr. of silt & clay	(VERY LOOSE)  572.6
5		2	4	5	9			M	Br	Silt, some clay, tr. of fine sand & organic matter	(FIRM)  567.6
10		3	3	2	1			W	Br	Fine sand, some silt & clay	(LOOSE) 565.6
15	HOLLOW FLIGHT AUGERS 8" x 3-3/8"	4	wt	wt	wt			40.1	Br	Silt, some clay, tr. of fine sand & fract. stone	(VERY SOFT & PLASTIC)
20		5	1	1	1			43.4	Br	Same	(VERY SOFT & PLASTIC)  552.6
25		6	wt	wt	wt			W	Br	Fine sand, some silt & clay, tr. of fract. stone	(VERY LOOSE)  547.6
30		7	22	26	27			M W	Br	Coarse sand, some silt, tr. of clay, fine sand & round stone	(VERY COMPACT)  542.6
35		8	11	23	41			32.1	Br	Silt, some clay & fine sand, tr. of fract. stone (HARD & SEMI-PLASTIC)	541.1
										Bottom of Hole	
40										NOTE: Gnd. to Water: 4' at 4' Non-evident at 36.5'	

THE SUBSURFACE INFORMATION SHOWN HEREON WAS OBTAINED FOR STATE DESIGN AND ESTIMATE PURPOSES. IT IS MADE AVAILABLE TO BIDDERS ONLY THAT THEY MAY HAVE ACCESS TO IDENTICAL INFORMATION AVAILABLE TO THE STATE. IT IS PRESENTED IN GOOD FAITH, BUT IS NOT INTENDED AS A SUBSTITUTE FOR INVESTIGATIONS, INTERPRETATION OR JUDGMENT OF THE BIDDER.

DRILL RIG OPERATOR S. Bauer  
SOIL DESCRIPTIONS J. R. Zieziula  
ROCK DESCRIPTIONS \_\_\_\_\_  
DISTRICT SOILS ENGR. P. Nowadly  
SHEET 1 OF 1. HOLE NO. DH #2



## Town of Wheatfield Proposed Chemical Waste Dump Area

STATE OF NEW YORK  
DEPARTMENT OF PUBLIC WORKS  
BUREAU OF SOIL MECHANICS  
SUBSURFACE EXPLORATION LOG  
(STATE FORCES)DISTRICT NO. 5  
COUNTY Niagara  
B.S.M. PROJ. NO. 5-591HOLE NO. DH #3  
LINE & STA. see attached  
OFFSET see attachedPROJECT LaSalle Arterial Hwy. Section IQUAD. LOCATION \_\_\_\_\_ DATE, START 5-10-68 SURF. ELEV. 577.4  
SOIL SERIES \_\_\_\_\_ DATE, FINISH 5-10-68 DEPTH TO WATER see note  
(ALSO DESCRIBE UNDER "REMARKS")CASING Q.D. \_\_\_\_\_ I.D. \_\_\_\_\_ WEIGHT OF HAMMER 300# HAMMER FALL \_\_\_\_\_  
SAMPLER Q.D. 2" I.D. 1-3/8" INSIDE LENGTH OF SAMPLER 20" CASING \_\_\_\_\_ SAMPLER 8"

DEPTH BELOW SURFACE	BLOWS ON CASING	SAMPLE NO.	BLOWS ON SAMPLER				CROSS SECTION	MOISTURE	COLOR	DESCRIPTION OF SOIL AND ROCK	REMARKS
			0 6	6 12	12 18	18 24					
0		1	Sampled from Flights					W	Br	Fine sand, tr. of silt & clay	(LOOSE)
5		2	2	3				M W	Br	Silt, some clay, tr. to some fine sand	(SOFT)
10		3	2	2				42.0	Br Red	Silt, some clay, tr. of fine sand	(SOFT & PLASTIC)
15		4	1	1				28.0	Br	Silt, some clay, tr. to some fine sand	(VERY SOFT & PLASTIC)
20		5	wt	1				39.3	Br	Same	(VERY SOFT & PLASTIC)
25		6	wt	wt				33.7	Br	Same	(VERY SOFT & PLASTIC)
30		7	wt	wt				43.2	Br	Silt, some clay	(VERY SOFT & PLASTIC)
35		8	8	9				32.9	Br	Silt, some clay, tr. of fract. stone & fine sand	(STIFF & PLASTIC)
					21					Bottom of Hole	540.9
										NOTE: Gnd. to Water: 2.5' at 2.5' Non-evident at 36.5'	

THE SUBSURFACE INFORMATION SHOWN HEREON WAS OBTAINED FOR STATE DESIGN AND ESTIMATE PURPOSES. IT IS MADE AVAILABLE TO BIDDERS ONLY THAT THEY MAY HAVE ACCESS TO IDENTICAL INFORMATION AVAILABLE TO THE STATE. IT IS PRESENTED IN GOOD FAITH, BUT IS NOT INTENDED AS A SUBSTITUTE FOR INVESTIGATIONS, INTERPRETATION OR JUDGMENT OF THE BIDDER.

DRILL RIG OPERATOR S. Bauer  
SOIL DESCRIPTIONS J. R. Zieziula  
ROCK DESCRIPTIONS \_\_\_\_\_  
DISTRICT SOILS ENGR. P. Nowadly  
SHEET 1 OF 1. HOLE NO. DH #3



Town of Wheatfield Proposed Chemical Waste Dump Area

DISTRICT NO. <u>5</u> COUNTY <u>Niagara</u> B.S.M. PROJ. NO. <u>5-591</u>		STATE OF NEW YORK DEPARTMENT OF PUBLIC WORKS BUREAU OF SOIL MECHANICS <b>SUBSURFACE EXPLORATION LOG</b> (STATE FORCES)		HOLE NO. <u>DH #4</u> LINE & STA. <u>see</u> OFFSET <u>attached</u>	
PROJECT <u>LaSalle Arterial Hwy. Section I</u>					
QUAD. LOCATION _____		DATE, START <u>5-10-68</u>		SURF. ELEV. <u>578.1</u>	
SOIL SERIES _____		DATE, FINISH <u>5-10-68</u>		DEPTH TO WATER <u>see note</u> <small>(ALSO DESCRIBE UNDER "REMARKS")</small>	
CASING O.D. _____ I.D. _____ SAMPLER O.D. <u>2"</u> I.D. <u>1-3/8"</u>		WEIGHT OF HAMMER <u>300#</u> INSIDE LENGTH OF SAMPLER <u>20"</u>		HAMMER FALL _____ CASING _____ SAMPLER <u>18'</u>	

DEPTH BELOW SURFACE	BLOWS ON CASING	SAMPLE NO.	BLOWS ON SAMPLER					CROSS SECTION	MOISTURE	COLOR	DESCRIPTION OF SOIL AND ROCK	REMARKS
			0 6	6 12	12 18	18 24						
0		1	Sampled from Flights					21.3	Brn Blk	Silt, some clay & fine sand	(SOFT & PLASTIC)  573.1	
5		2	2	4		5			w Br Blk	Fine sand, some silt, tr. of organic matter	(LOOSE)  568.1	
10	3" - 3/8" AUGERS 3" FLIGHT HOLLOW	3	3	5		4		30.9	Br	Silt, some clay, tr. of fine sand	(FIRM & PLASTIC)	
15		4	wt	wt		wt		44.8	Br	Same	(VERY SOFT & PLASTIC)	
20		5	1	1		1		38.2	Br	Same	(VERY SOFT & PLASTIC)	
25		6	1	1		1		32.5	Br	Same	(VERY SOFT & PLASTIC)	
30		7	1	1		1		38.2	Br	Same	(VERY SOFT & PLASTIC)  543.1	
35		8	17	21		29		24.9	Br	Silt, some clay, tr. to some fine sand & fract. stone	(HARD & SEMI-PLASTIC)  338.1	
40		9	50	74		85			Br M W	Silt, some fine sand, tr. to some fract. stone, tr. of clay (HARD)	336.6	
										Bottom of Hole		
										NOTE: Gnd. to Water: 3' at 3'		
										Non-evident at	41.5	

THE SUBSURFACE INFORMATION SHOWN HEREON WAS OBTAINED FOR STATE DESIGN AND ESTIMATE PURPOSES. IT IS MADE AVAILABLE TO BIDDERS ONLY THAT THEY MAY HAVE ACCESS TO IDENTICAL INFORMATION AVAILABLE TO THE STATE. IT IS PRESENTED IN GOOD FAITH, BUT IS NOT INTENDED AS A SUBSTITUTE FOR INVESTIGATIONS, INTERPRETATION OR JUDGMENT OF THE BIDDER.	DRILL RIG OPERATOR <u>S. Bauer</u> SOIL DESCRIPTIONS <u>J. R. Zieziula</u> ROCK DESCRIPTIONS _____ DISTRICT SOILS ENGR. <u>P. Nowadly</u> <div style="text-align: right;">DH #4</div> SHEET <u>1</u> OF <u>1</u> . HOLE NO. _____
---	---

# NEW YORK STATE DEPARTMENT OF HEALTH

## INSPECTION REPORT FOR REFUSE DISPOSAL AREAS

NAME OF SITE <i>Landfill</i>		LOCATION (T, V, C) <i>Landfill</i>	COUNTY <i>Richmond</i>
OWNER <i>LR 200</i>	ADDRESS		PHONE
OPERATOR <i>LR 200</i>	ADDRESS		PHONE
DAYS AND HOURS SITE IS OPEN			
MUNICIPALITIES SERVED <i>N.Y.</i>		REFUSE COLLECTORS (NAMES) <i>Ming Sam</i>	
TOTAL POPULATION		PERCENT SERVED	
COLLECTIONS PER WEEK: SUMMER WINTER		TYPES OF REFUSE: MIXED <input type="checkbox"/> GARBAGE <input checked="" type="checkbox"/> REFUSE <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	
BUSINESS <i>2</i> <i>2</i>		TOTAL AMOUNT OF REFUSE: <i>75</i> TONS PER WEEK	
RESIDENTIAL <i>16</i> <i>16</i>			
TOTAL USABLE AREA (ACRES) <i>30</i>	TYPE OF SOIL AND TOPOGRAPHY <i>Flat Swamps</i>		DEPTH TO ROCK
		DEPTH TO GROUND WATER	
DUMPING CONTROLLED BY SIGNS <input checked="" type="checkbox"/> FENCING <input checked="" type="checkbox"/> SUPERVISION <input checked="" type="checkbox"/>		APPROACH ROAD PASSABLE TO TRAFFIC ALL YEAR	
GATE AND LOCK PROVIDED AT ENTRANCE		CONTROL MEASURES FOR RODENTS AND INSECTS	
SITE LOCKED WHEN CLOSED		HAZARD CREATED BY INDUSTRIAL WASTE DISPOSAL	
ATTENDANT ON DUTY WHEN SITE IS OPENED		LEACHING TO A WATERCOURSE	
DRAINAGE INTERFERES WITH OPERATION		FLOATING SOLIDS IN A WATERCOURSE	
PAPERS CONFINED TO SITE		DUMPING CONFINED TO A STRIP	
DO SWINE FEED ON DUMP		SCAVENGER WASTE PERMITTED	
COMPLAINTS FROM PEOPLE IN THE AREA		SALVAGING PERMITTED	
SUITABLE COVER MATERIAL AVAILABLE		BURNING PRACTICED	
IS REFUSE ADEQUATELY COVERED		BURNED IN SPECIAL AREA AWAY FROM DUMP	
COVER MAINTAINED TO PREVENT EXCESSIVE POOLING OF WATER, CRACKING, ETC.		TYPE OF MATERIAL BURNED:	
DEPTH OF COVER:			
TYPE OF COVER: <i>dirt Day from Site</i>		METHODS OF CONTROL: <i>N/A</i>	
FREQUENCY OF COVER:		FREQUENCY AND TIME OF BURNING: <i>N/A</i>	
ADEQUATE EQUIPMENT AVAILABLE TO MAINTAIN DISPOSAL AREA YES <input type="checkbox"/> NO <input type="checkbox"/>		FIRE PROTECTION AVAILABLE YES <input type="checkbox"/> NO <input type="checkbox"/>	
DESCRIBE TYPE AND NUMBERS: <i>Dozer International 7015</i>		DESCRIBE: <i>16' x 12' x 12' Deep</i>	
METHODS OF DISPOSAL OF LARGE ITEMS (FURNITURE, TANKS, APPLIANCES, STUMPS, ETC.) <i>CRUSHED &amp; BURNED</i>		PRECAUTIONS TAKEN TO PREVENT FIRE: <i>N/A</i>	

EXEMPTIONS GRANTED BY FULL-TIME HEALTH OFFICER:

INSPECTED BY (SIGNATURE)

PERSON INTERVIEWED

DATE

TITLE

\*STATE DETAILS UNDER REMARKS

Niagara Sanitation  
Disposal Area #2  
Town of Wheatfield Dump  
Nov 16, 1967  
R. Maida

Water

$\frac{1}{2}$  Mile

Shack

Dump Area

Dirt

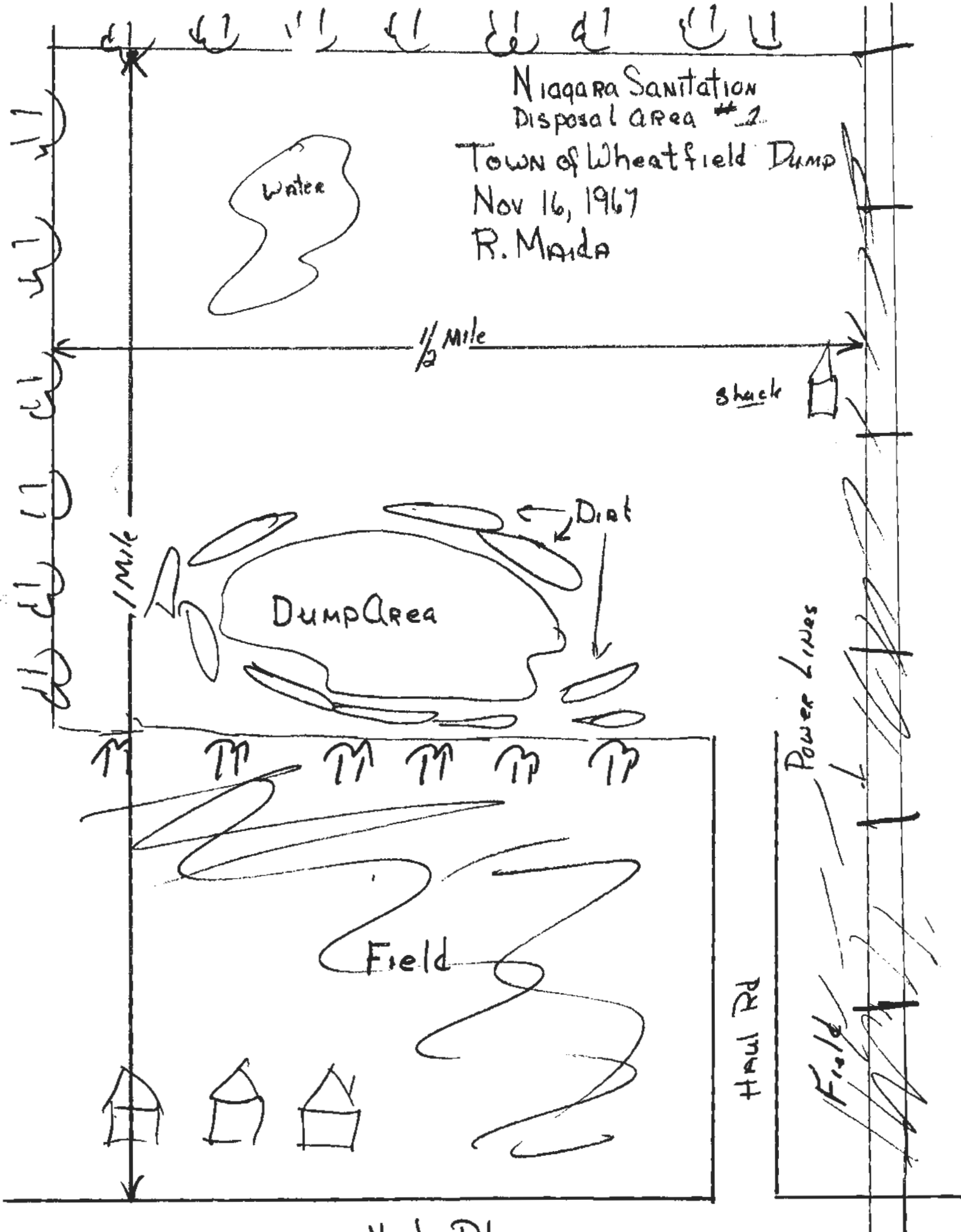
Field

Haul Rd

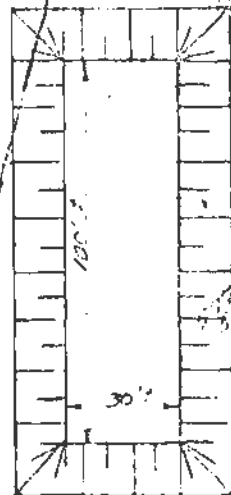
Power Lines

Field

Nash Rd



POND



DH#2

EXISTING GROUND 577.0'

ELEV 75F OF CHEMICAL WASTE 565.0'

BOTTOM ELEV 550.0'

SCALE 1" = 50'

DH#1	South 174	West 86	EI 578.5
DH#2	South 246	West 140	EI 577.6
DH#3	South 46	West 119	EI 577.4
DH#4	South 91	West 88	EI 578.1

Wooded

# **NIAGARA COUNTY DEPARTMENT OF HEALTH**

Code Activity .....

Code Location .....

Service Request No. ....

Date Received Complaint .....

Service Request .....

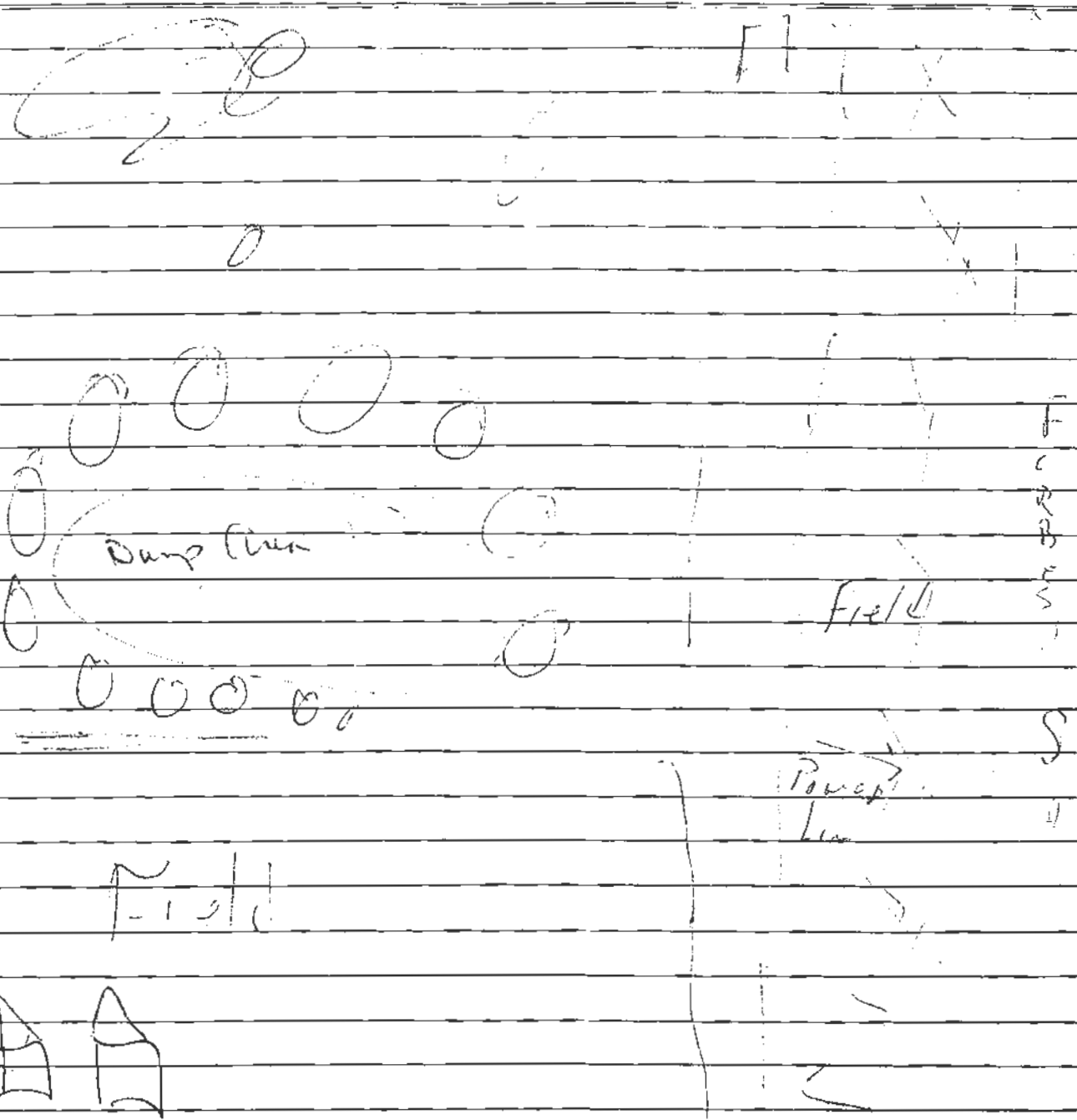
Originator of Complaint ..... Address .....

Owner ..... Address .....

Occupant ..... Address .....

Date Hours

## **REPORT OF INVESTIGATION**



Wash

Date Abated..... By.....

May 6, 1968

Mr. Joseph P. Cain  
Engineer-In-Charge  
New York State  
Department of Transportation  
Field Office  
355 - 77th Street  
Niagara Falls, New York 14304

Dear Mr. Cain:

Subject: **Chemical Waste Disposal**  
Township of Wheatfield

This will confirm my phone conversation of May 3, 1968, relative to the above subject. Before this office could consider approval of the disposal of this chemical solid waste into the Town of Wheatfield disposal area, we would have to be assured that:

- a. No garbage or refuse has been disposed of in the immediate area proposed for this chemical waste.
- b. Finished grades would be in accordance with the plans submitted by the office of Krehbiel, Guay, Rugg, and Hall, and under their supervision.

Very truly yours,

W.M. Friedman, P.E.  
Assistant Commissioner  
for Environmental Health

WMF/cs

File: Ma 500  
N.Y. 801  
10/27/67

Mr. Friedman

DATE RECEIVED

DEC 27 1967

NIAGARA COUNTY HEALTH  
DEPT. LOCKPORT, N.Y.

December 27, 1967

Mr. Milton Basseley  
Basseley Trucking Co.  
10315 Lockport Road  
Niagara Falls, N. Y.

Re: Town of Wheatfield  
Refuse Disposal Site

Dear Sir:

This letter will confirm your telephone conversation with Mr. Michael Topovici of this department on Tuesday, December 26, 1967, at which time you were told to immediately cease dumping industrial waste at the Town of Wheatfield refuse disposal site.

No additional dumping will be allowed at this site until compliance with Section 19, Chapter I, New York State Sanitary Code and Chapter IV, Niagara County Sanitary Code, can be achieved. All industrial waste presently accumulated on the surface of the ground at the northeast sector of the disposal site must be properly compacted and covered with six (6) inches of satisfactory cover material. Furthermore, sufficient cover material is to be stockpiled at the disposal site to maintain a constant six (6) inches of cover material and provide a final compacted cover of at least two (2) feet, which shall be placed within one week after the final deposit of refuse at any portion of the disposal site. In addition, your firm should make arrangements with the Town of Wheatfield to have the disposal site prepared in advance to accept all future loads of waste. This would include a prepared trench to dump into and adequate earth-moving equipment to immediately compact and cover the material.

On October 17, 1967 you were notified by this office that your application for permit to transport offensive material and proposed disposal site could not be approved. Therefore, you are illegally operating in the refuse disposal business in Niagara County. You should immediately re-submit your application for a permit and this application must include all proposed disposal sites that you will be using in Niagara County. These will be inspected by the Health Department staff to insure that each proposed disposal site meets the requirements of the sanitary code. You will not be allowed to dump at any location in the county that has not been approved as an acceptable, properly operated disposal site.

Effective immediately you must discontinue the practice of transporting and disposing of offensive material in Niagara County until you have obtained the required permit to provide this service.

FAC 67-15, FALSE 67-1  
LaSalle Arterial Highway  
Section I Niagara County

Mr. Ernest R. Gedson, Chief - Bureau of Air Pollution Control  
Niagara County Health Department  
City Hall of Niagara Falls  
Niagara Falls, New York

May 1, 1968

Dear Sir:

Reference is made to a chemical waste material located at Frontier Avenue near 99<sup>th</sup> Street on the above captioned project.

On April 23, 1968, Mr. Fred Lemke, Peace Justice Town of Wheatfield, Mr. Stanley Brzezinski, supervisor Town of Wheatfield, Mr. F. O. Garthoff, project manager for Stimm Associates and myself visited the Town of Wheatfield dump located East of Nash Road in the Town. The two (2) Board members were receptive of disposing this chemical waste in the Northeast corner of the dump.

We propose to excavate a hole some 25' to 27' in depth and dispose of this chemical waste. The top of this waste will be some 3' to 5' (feet) below any and all sanitary sewer, water line, septic tanks etc. The size of the hole may vary in length and width depending upon the amount of chemical waste we must dispose of. The amount of chemical waste is approximately 1,000 + c.y. from our test holes but may vary when actual excavation commences. After the chemical waste is placed it will be backfilled with the excavated material to finish grade. The excess material will be spread in the immediate surrounding area to correct a low spot in the dump.

Enclosed are the following drawings for you information:

- 1.) Drawing #67-K-03D - Titled Refuse Disposal Area - Town of Wheatfield prepared by Krehbiel, Huffcut, Walters & Guay dated June 1967. In the upper right hand corner I have plotted in green our proposed dump area with a section showing elevations.
- 2.) Boring locations in this area with copies of the soil boring results.
- 3.) One (1) drawing each of nearby residence and water line in the general area.

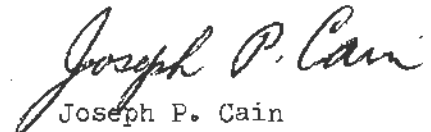


Project: Pac 67-15, FALSE 67-1  
LaSalle Arterial Highway  
Section I Niagara County

- 4.) One (1) copy of drawing No. 5641 G prepared by Krehbiel and Krehbiel of the Bell Air Subdivision just south of the Town of Wheatfield dump. This drawing shows elevation of the first floor and surrounding area.

Kindly advise this office of your decision in the matter so that this chemical waste can be disposed of as quickly as possible.

Very truly yours,



Joseph P. Cain  
Engineer-in-Charge  
N.Y.S. Dept. of Trans.

JPC/jmw

Encls.

cc. Mr. Norman W. Krapf  
Mr. F. O. Garthoff  
Mr. Vincent Bogren  
File

Address reply to:

Mr. Joseph P. Cain  
Field Office  
355 - 77<sup>th</sup> Street  
Niagara Falls, New York 14304

Stamp: 283 230 230 230

Mr. Milton Hasaley

-2-

December 27, 1967

Please call this office if we can offer any assistance to you in this matter.

Very truly yours,

Ernest R. Gedeon  
Associate Public Health Sanitarian

ERG:2

cc:

Carborundum -  
Coated Abrasives Division  
Bell Aerosystems  
Town of Westfield

November 1, 1967

Ernstiel Huffcut Walters Quay  
1868 Niagara Falls Blvd.  
Tonawanda, New York

ATTENTION: Mr. R. Kent English

Re: Proposed Fill and Grading  
Township of Wheatfield  
Disposal Area

Dear Mr. English:

Enclosed is an approved copy of the plans submitted by you for the proposed cover and grading on the Township of Wheatfield Disposal Site. We trust that the township will carefully follow the proposed grades and that the necessary work will be accomplished without any unnecessary delay.

We would also request that you furnish the City of North Tonawanda Engineering Department with a copy of this plan so that they may take appropriate steps to solve any drainage problems with the City.

Very truly yours,

W. H. Friedman, P.E.  
Assistant Commissioner for  
Environmental Health

WHS/cg

Enclosure

CC: Mr. Bert J. Murphy  
Mr. Hardleben



KREHBIEL  
HUFFCUT  
WALTERS  
GUAY

e n g i n e e r s  
s u r v e y o r s

1868 NIAGARA FALLS BLVD. TONAWANDA, N. Y. 14152 • 716-693-9300

THEODORE A. KREHBIEL  
JAMES A. HUFFCUT  
WILLIAM N. WALTERS  
JAMES E. GUAY

WILLIAM J. RUGG  
CHARLES M. HALL  
WILLIAM R. PICTOR

October 30, 1967

Niagara County Health Department  
525 Bewley Building  
Lockport, New York

Attention: Mr. W. M. Friedman, P. E.

Re: Town of Wheatfield  
Disposal Area Grading

Dear Mr. Friedman:

Enclosed, for your approval, are three (3) prints of the proposed grading for the Town of Wheatfield Disposal Site adjacent to the City of North Tonawanda.

Very truly yours

KREHBIEL-GUAY-RUGG-HALL

R. Kent English

RKE/mz

Enclosures

cc: Mr. Winston Moeller  
Mr. Stanley Brzezinski

October 3, 1967

Krehbiel-Guay-Rugg-Hall  
Engineers, Surveyors  
1868 Niagara Falls Boulevard  
Tonawanda, New York 14152

Attention: Mr. Guay

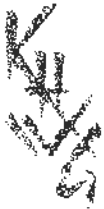
Dear Jim:

In accordance with our telephone conversation of October 3, 1967, I am returning the grade plans for the Wheatfield Town Dump. It would appear that, while you have given ample attention to the grade, the matter of proper cover has not been taken into account. We will, therefore, appreciate your reviewing this matter and advising us accordingly.

Very truly yours,

W.M. Friedman, P.E.  
Assistant Commissioner  
for Environmental Health

WMF/cs  
Enclosure



**KREHBIEL  
HUFFCUT  
WALTERS  
GUAY**

engineers  
surveyors

1868 NIAGARA FALLS BLVD. TONAWANDA, N.Y. 14152 • 716-693-9300

THEODORE A. KREHBIEL  
JAMES A. HUFFCUT  
WILLIAM N. WALTERS  
JAMES E. GUAY

WILLIAM J. RUGG  
CHARLES M. HALL  
WILLIAM R. PICTOR

September 25, 1967

Niagara County Department of Health  
Bewley Building  
Lockport, New York

Attention: Mr. William Friedman

Dear Mr. Friedman:

Enclosed are three (3) prints of the grading proposed for the Town of Wheatfield Disposal Area adjacent to the City of North Tonawanda. We would like your approval of this before proceeding with the work.

Listed below are the industrial establishments which we have contacted with respect to the comprehensive sewerage study for Wheatfield, Pendleton, Cambria and Lewiston.

New York State Power Authority  
Greif Brothers Cooperage  
Bell Aerosystems  
Carborundum Company - Coated abrasives  
Carborundum Company - Graphite Products  
Continental Can Company  
Frontier Chemical Process Inc.

Page 2

We have received replies from all of these except for Frontier Chemical. For each we have annual water consumptions, estimated polluted discharges, and general information as to type of pollutants. In addition we have contacted the military installations in the area, --

Niagara Falls Air Force Base

Lockport Air Force Base (Shawnee Road)

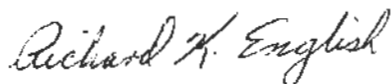
U. S. Army Nike Site (Upper Mountain Road)

and have reviewed the operating records of each of these installations.

Do you have any further information regarding these industries and the military which might be helpful to us?

Very truly yours

KREHBIEL-GUAY-RUGG-HALL

A handwritten signature in cursive script that reads "Richard K. English".

Richard K. English

RKE/mew

67 K 03

F

July 26, 1967

Mr. Paul Rumbold, Mayor  
City Hall  
North Tonawanda, New York

Dear Hon. Rumbold:

Reference is made to the attached letter to the Township of Wheatfield relative to improvements in their refuse disposal site. Since the City of North Tonawanda is apparently not interested in jointly solving the drainage problems on the City-Town Line at the rear of the Forbes Circle properties, it is assumed that the Township of Wheatfield will proceed independently on this problem and that the City of North Tonawanda will do likewise.

Very truly yours,

W. M. Friedman, P.E.  
Assistant Commissioner  
for Environmental Health

WMF....cg  
Enclosure

CC: James Guay  
CC: Town of Wheatfield



July 25, 1967

Mr. John Brzezinski, Supervisor  
2080 River Road  
Niagara Falls, New York

RE: Wheatfield Town Disposal Site

Dear Mr. Brzezinski:

This will confirm the results of a conference and an inspection of the Wheatfield Town Disposal Site on July 21, 1967. Present were Supervisor Brzezinski, Justice Lemke, Town Engineer James Guay, and the writer. The purpose of this inspection and conference was to review the topographic map of the site recently completed, determine necessary filling and grading, and attempt to devise a suitable plan of draining the boundary line between the Township of Wheatfield and the North Tonawanda City Line. For this latter purpose, the officials of the North Tonawanda City Engineer Department had been invited to attend but they were apparently not interested in participating. It is therefore assumed that the City of North Tonawanda will proceed independently to provide adequate drainage for the rear lot lines of the residential properties abutting this disposal site.

It was agreed at this conference that sufficient additional fill would be provided over this general area of the disposal site to insure a total of at least two feet of compacted fill being placed over the original refuse. The property will be graded to the north and northeast and seeded to vegetation. This should minimize any odors or drainage problems on this site.

May we once again express our appreciation for the cooperation you have extended to us in these matters.

Very truly yours,

W. M. Friedman, P.E.  
Assistant Commissioner  
for Environmental Health

WAF....cg

CC: James Guay  
CC: City of North Tonawanda

CITY OF NORTH TONAWANDA

NORTH TONAWANDA, NEW YORK, 14120

CHARLES W. HOBBS SR.  
CITY CLERK

June 26, 1967

TELEPHONE  
693-0451  
693-7253

Dr. Dudley A. Hill, Commissioner  
Niagara County Health Department  
74 Windermere Road  
Lockport, New York

Dear Dr. Hill:

We enclose herewith a copy of a communication sent to the North Tonawanda Common Council and read before the same on June 19, 1967. In addition, we enclose a copy of the resolution which the Common Council took following presentation of the aforementioned letter.

"MOVED by Alderman Hogan    SECONDED by Alderman Butcheri  
That the Common Council herewith authorizes and directs the Office of the City Clerk to send copies of the aforementioned letter to the following: Dr. Dudley Hill, Commissioner of the Niagara County Health Department, the Niagara County Board of Supervisors, the Town Board of the Town of Wheatfield, and North Tonawanda Supervisor Bert Murphy. Furthermore, Dr. Hill is requested to reply and indicate what steps are being undertaken to alleviate this potentially dangerous condition.  
CARRIED."

Very truly yours,

  
CHARLES W. HOBBS, SR.  
CITY CLERK

CWH/sg  
Encl.

N JUN 19 1967

FILED  
CITY CLERK'S OFFICE

June 11, 1967

Gentlemen:

1967 JUN 13 AM 10:04

May I bring to <sup>NORTH TOWNSHAND N.Y.</sup> your attention a pressing problem concerning the residents of Forbes Street and Terrace. The Town of Wheatfield Dump bordering this area is a hazard to the lives of the children living here.

This dump contains among other things, large unprotected water holes. There are copies of letters to Messrs. Brzinski and Rumbold enclosed that pertain to an experience in this dump with my own son.

The Building Inspector of Wheatfield has explained to me that below ground swimming pools in that town must be enclosed by a proper fence with a lockable gate. It seems to me that large water holes represent as much a hazard to children as do swimming pools. If the Wheatfield Dump cannot be filled and closed, it should be surrounded by a proper fence. (i.e. A high chain link fence as is used in Buffalo dumps. Not a snow fence that can fall over or blow over, and is not intended to be used for a protective fence.)

The ideal solution to this problem is to close this dump, after the water holes have been filled and the land graded properly.

Besides the afore metioned hazard this dump breeds vermin, gives an offensive odor and is graded in such a way that it drains from winter snow and spring rain onto my land leaving a 20 to 30 ft. diameter pond that becomes stagnant and stays until June.

Please act on this problem before a child is killed.

Sincerely yours,

A handwritten signature in cursive script that reads "George Gaesser".

George Gaesser  
22 Forbes Terrace  
N. Tonawanda, New York

Encl.

NIAGARA COUNTY HEALTH DEPARTMENT

525 BEWLEY BUILDING  
LOCKPORT, NEW YORK 14094

DUDLEY A. HILL, M. D.  
COMMISSIONER

NEIL S. GORDON, M. D.  
DEPUTY COMMISSIONER



DIVISION OF  
ENVIRONMENTAL HEALTH SERVICES

W. M. FRIEDMAN, P. E.  
ASSISTANT COMMISSIONER

April 18, 1967

Mr. Stanley A. Brzezinski  
Supervisor, Town of Wheatfield  
2080 River Road  
Niagara Falls, New York

Re: Town Refuse Disposal  
Wheatfield Town

Dear Mr. Brzezinski:

On April 7, 1967, and again on April 13th, inspections were made of the Town of Wheatfield Disposal Site.

We were extremely gratified to note the tremendous improvement in this operation during the past few months. Garbage and refuse is presently being confined to a limited working area and is being properly covered after each days operation. We should like to take this opportunity to both thank and congratulate your operator Mr. Zino for his cooperation.

We are, however, still concerned over the results of past operational defects, especially in the area to the rear of the Forbes Circle residences. As a result of inadequate cover, more and more refuse is being exposed on the ground surface. Also, because of inadequate grading, an aggravating surface drainage problem has resulted. Both of these conditions were pointed out in our letter of October 3, 1966.

When ground conditions are such as to permit working in this problem area, it is respectfully requested that the required two feet of cover material be provided over this refuse. Proper grading with a minnum slope of 0.5% should be provided to eliminate the many puddles of standing water. With respect to the property line between the disposal site and the residences, the solution might be either a drainage ditch or a storm drain. In any event, it is suggested that perhaps your

April 18, 1967

Superintendent of Highways should confer with the City of North Tonawanda Engineer so that a mutually satisfactory system could be developed.

We appreciate your cooperation in these matters and trust that we will be kept advised of all action taken or contemplated.

Very truly yours,

W. M. Friedman, P.E.

WMF...lam

Mrs. D'Marco  
32 Forbes Terrace  
N.Tonawanda

Burt Murphy

Mr. Hardleben-City Engineer

Mr. Cvetan

October 3, 1966

Mr. Stanley A. Brzezinski  
Supervisor, Town of Wheatfield  
2080 River Road  
Niagara Falls, New York

Re: Town Refuse Disposal  
Township of Wheatfield

Dear Mr. Brzezinski:

On September 12, 1966 our Mr. Friedman met with you, Judge Lemke, and Mr. Angelo Zino of the Niagara Sanitation Company, relative to your refuse disposal site and to discuss the problems being encountered in Mr. Zino's disposal operation. It was pointed out by Mr. Friedman that Part 19 of the New York State Sanitary Code has for the operation of a sanitary land fill, three basic requirements or objectives.

1. That garbage and refuse shall be compacted and covered daily with a compacted layer of at least six inches of suitable cover material.
2. A final compacted cover of at least 2 feet of a suitable cover material shall be placed within one week after the final deposit of refuse at any portion of such refuse disposal area.
3. The final cover material shall be properly graded with a minimum slope of 0.5% (preferably 1.0%) so as to provide accurate surface drainage.

During the September 12 conference, Mr. Zino agreed to comply with all applicable rules and regulations, and summarize his proposed actions, including the effective covering and grading of the completed portions of the refuse area.

Mr. Stanley A. Brzezinski

-2-

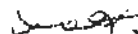
October 3, 1966

We are gratified to note that Mr. Zino has in fact greatly improved operations since this September 12th meeting. Since then all refuse has been effectively covered with a minimum of 6 inches of compacted earth, except for one minor mechanical breakdown during the past week which was immediately corrected. We assume that when Mr. Zino relocates to a new area the area now being worked will be covered with the two feet of compacted fill as required. It was also noted that since September 12th an extra bulldozer and an extra man have been made available to the site supplementing the original bulldozer and operator. We are, however, experiencing a little anxiety over the fact that no actual corrective action has been taken upon the completed areas, to provide cover and proper grading for surface drainage. While we do not doubt Mr. Zino's intentions in this matter we would greatly appreciate receiving some written confirmation of his plans so that we may more definitely satisfy the complainants that are occasionally contacting us requesting future action in this matter.

Since the winter weather will soon be upon us, making the grading problems more difficult we would appreciate hearing from Mr. Zino within the next 10 days so that we may be reassured remedial work will be well underway by the 1st of November.

Again, let me express my sincere appreciation for your splendid cooperation in this matter.

Very truly yours,



Dudley A. Hill, M. D.  
Commissioner

DAH:mb

CC: Mr. Angelo Zino



# NIAGARA COUNTY HEALTH DEPARTMENT

DUDLEY A. HILL, M.D.  
COMMISSIONER



~~HERALD A. CAMPBELL, M.D.~~  
~~DEPUTY COMMISSIONER~~

## BOARD OF HEALTH

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ELLIOTT J. LYNCH

August 29, 1966

### Report on Wheatfield Dump:

At 9:15 a.m. I made a routine inspection of the Wheatfield dump in accordance with instructions to keep a daily vigil. The operator of the bulldozer was spreading some dirt cover over an area that had already been covered and graded. This particular section looked very good. *— ? w*

Directly to the rear of the present work site and adjacent to the swamp area was a sizable amount of brush and debris; paper, magazines, chairs, bottles, jars, etc. dumped right on the ground in an area that was already covered. I asked him where it had come from and why it had been dumped there. He told me that he had purposely left it here for me to see and that it had been dumped there on Saturday. He said that on Saturday just as he was closing the dump a large man driving a brown buick and hauling a trailer filled with brush had approached the gate and said he was going to dump. The operator told him where he must dump and instead of dumping where he should have he dumped right in the center of the cleared area. He was then refused permission to enter the second time with another load. When Joe (operator) refused to open the gate this person, according to Joe, said something not too pleasant and told him he was a taxpayer and he was going to dump and if Joe would not open the gate that he would get a key from Hank Krueger. When Joe returned to the dump on Monday a second load of garbage and junk had been deposited on the exact same spot. There were papers, junk, magazines and assorted pieces of junk littered all over an area approx. 10 x 20 yards.

I left the dump and returned to the office where I discussed the condition with Mr. Popovici. We both returned to the dump after first summoning Mr. Al Zino, owner and operator of the dump, to meet us there. He was instructed to clean the area where the violation took place and also clean up all the junk that had accumulated in several areas.

I later tried to contact Mr. Krueger to inform him of what had happened and to suggest that more stringent controls over the issuance of the keys should be exercised. I also contacted Mr. Stan Brzezinski and informed him of the violation. He told me he would find out all he could about the events leading up to this violation and try to find out who the violator was.

July 12, 1966

Mr. Zino

Mr. Popovici

Niagara Sanitation Refuse Disposal Area

Please be advised that attached memorandum was received by Dr. Hill on Tuesday, July 12 from Mr. Seebald, Buffalo Regional Engineer.

You are hereby requested to comply with items 1-7.

Particularly, Item 1, we feel at this time a snow fence should be erected at both ends of the lateral cut to prevent children from falling into the ditch. Item 2, oil residual placed on the swamp two weeks ago appears to have disappeared.

Sincerely yours,

Michael Popovici  
Sanitarian

MP..lan

STATE OF NEW YORK  
DEPARTMENT OF HEALTH

**MEMORANDUM**

July 11, 1966

To: Dr. Hill - Niagara County Department of Health  
From: Mr. Seebald - Buffalo Regional Office  
Subject: Town of Wheatfield Refuse Area

I had occasion on July 8, 1966 to view progress at the site of the Wheatfield refuse area. The following is offered for your information:

1. The large excavation at the eastern end of the area is not being used for any purpose. It is much too large for practical cut and fill refuse disposal. At present this excavation presents a proximate hazard to children.
2. There appeared to be little oil residual left on the large garbage-littered swamp to offset mosquito breeding.
3. Recently deposited garbage had not been covered effectively, to obviate burrowing rodents, or to eliminate blowing papers.
4. The bulldozer operator was awaiting a fresh load of refuse and/or garbage, and to accomodate same, had excavated a shallow depression in previously deposited refuse, and accordingly stated that the excavated material would be used to cover the fresh refuse.
5. Attempts at regrading and covering of the easterly end haven't produced an effective final cover.
6. The garbage-littered swamp gave rise to noxious odor conditions.
7. The trenching operation is encroaching on previously buried refuse.

The foregoing prompts the following conclusions and recommendations:

1. The dump operator has not developed a rational plan for dump operation.
2. The equipment operator does not appreciate the philosophies attendant upon proper landfill operation.

3. Steps to minimize nuisance conditions have not been as effective as hoped.

4. An engineering survey by the Town Engineer, a plan for compensating for present deficiencies and for future progressive planned operation, supervised by competent individuals acquainted with sanitary landfill methods is urgently recommended.

It would be most desirable if the County modified its order to the Town, in view of the foregoing, to incorporate the recommendations in the previous paragraph.

A handwritten signature in dark ink, appearing to be 'E. J. [unclear]', written in a cursive style.

REPORT TOWN OF WHEATFIELD DUMP

June 1, 1966 to August 31, 1966

File

From the onset of my involvement regarding the Town of Wheatfield Dump, the following things have been eliminated.

1. The gross misuse of rubbish and trash haphazardly dumped in all sections of the dump.
2. The ditch running the entire length North East of the dump was excavated of old garbage which had probably been laying stagnate for two years and compacted up to the swamp area. This is the extreme North East corner directly behind the Pallotine Fathers.
3. The Pallotine Fathers were extremely happy that this condition was removed from their rear yard area. They have been continuously waffed by odors from this ditch. The area directly behind the homes on Forbes Terrace was filled and graded once, this area still must be filled and graded.
4. The old dump area located between Forbes Terrace and the equipment garage has been rough graded. This fill and grade has not stopped, the odors which persist to omit on wet or damp days. This area was limed on August 31 and must also be covered and finished grade. Our odor problem is coming from this old garbage dump area.
5. The swamp has been oiled several times for the control of mosquitoes.
6. One of our original plans of creating a sanitary strip land fill program in which the ditch had been dug 30 feet wide, 10 feet deep and 300 feet long has been filled. A residue of approximately 1/3 of excess dirt is still piled in this area to be used in the final grading of the North East section of the dumps.

7. The operator is presently burying garbage in a low swale area; this operation is insufficient in as much as the ground excavation has not been deep enough and compaction has not been carried out, also lack of sufficient coverage of dirt on the nightly coverings.

It is noted that this operation has sufficient equipment to institute a proper sanitary landfill program, but does not have reliable help. In many instances on our inspections, we have noted times when the dozer operator could be working in other parts of the dump, he goes to sleep in his vehicle while waiting for other loads of garbage to be brought to the dump. His time could be used in pushing old trash into the swamp area and general clean up of the ground area. It is also noted that salvaging is being permitted. That is, in the past few weeks, scavengers have allowed accumulation of small piles of metal junk at several points throughout the dump area. This condition existed without pickup for three weeks, then on Monday, August 29, we requested Mr. Zeno's presence at the dump and directed him to have his operator push all these scrap heaps into the swamp. I do feel that it has been a waste of the taxpayers' money to have the utilization of a man at the dump site every day and incapacitate five to twelve hours of the Health Department's time to insure proper operation of the sanitary landfill program in this dump. In as much as this is a money-making operation, I feel that the responsibility lies with Mr. Zeno to see that his business is functioning proper within the requirements of the law.

I feel that great progress has been made in overall dumping program, that we revert back to the use of the excavated sanitary landfill program for it appears that this area seems to have the most coverage and compaction.

TOWN OF WHEATFIELD DUMP

6-6-66	10:30	<p>Inspection of area revealed that there was a definite attempt exerted over the weekend to spread and <del>hurry</del> <del>hurry</del> <del>hurry</del> bulldoze large pile of burnable debris and wood into proximate swamp for the purpose of filling swamp as per Mr. Popovici's instructions and program to rid the area of the worst violations and thereby also eliminate the swamp. Will keep dump under constant surveillance. No truck &amp; No bulldozer on site at time of inspection.</p>
6-7-66	9:30	<p>RHW Survey of dump - several loads of cover scattered about dump for <del>xxxxxxxxxx</del> recovering of specific area.</p>
6-8-66	10:30	<p>Talked to Mr. Zino-dump operator who has been given plan by Mr. Popovici regard to program</p>
6-9-66	11:30	<p>Survey dump with Mr. Popovici <del>xxx</del> talked to dozer operator</p>
6-10-66	1:30	<p>Survey-Back Hoe in place started excavation as per planned program approx. 15'X15' W/10' Trench on North Side of <del>ht</del> hole.</p>
6-13-66	9:30	<p>Survey dump-<del>add</del> additional cover spread over pre-covered area-<del>xxx</del> excavation expanded to approx. 20'X20'</p>
6-14-66	11:30	<p>Met with Mr. Popovici at a dump told <del>operator</del> operator to start pushing into selected <del>w</del> swamp area and level existing rubbish pile from Carbo &amp; Bell.</p>
6-15-66	9:30	<p>Survey - started to fill in swamp and have carried additional dirt fill &amp; selected spots for spreading</p>
6-16-66	11:00	<p>Surveyed-Suggested to Mr. Zino to fill in swamp area in rear of yards (backyards) which <del>xxxxxx</del> face the dump.</p>

6-17-66	10:30	Surveyed dump operator told me <del>xxxxxx</del> he was going to start to spread fill in swamp in rear of home this evening-dumped oil in large swamp for mosquito control.
6-19-66	2:30	Survey dump started to fill swamp area & behind houses. Excavation extended - approx size - 70'x50'
6-20-66	9:30	Checked dump - Bulldozer lift not operating broken hydraulic hose-hauling dirt fill to begin again in evening
6-21-66	10:00	* Swamp area <del>xxxx</del> <del>xxxx</del> almost completely covered in rear of homes-also more fill spread on graded area.
6-22-66	9:30	Additional fill spread over swamp area behind house & garbage dumping is being done in large swamp on east side & covered daily. Grade is coming up daily.
6-22-66	10:30	At inspection time operator was leveling & grading area (Swamp rear of houses lot seems to be g progressing nicely-
6-23-66 b	11:45	Swamp area (rear of houses practically void of surface water several loads of dirt cover being applied daily-Swamp area on north side is continually being filled.
6-24-66	1:30	Operator grading area & filling in low spots at time of inspection
6-27-66	1:00	Several loads of dirt <del>xx</del> scattered throughout area for spreading <del>x</del> over already covered area - Several small bags
6-28-66	2:30	At time of inspection <del>we</del> operator was in process of dumping 50 gal drum of <del>t</del> oil on large Swamp N.E. corner of dump <del>xxxxxx</del> (mosquito control) Continuing to fill in on east side <del>x</del> with garbage-East leg of swamp aprox 40% filled.



NIAGARA COUNTY HEALTH DEPARTMENT

MEMORANDUM

DATE: June 10, 1966

TO: Dr. Hill

FROM: Michael Popovici, Sanitarian

SUBJECT: Town of Wheatfield Dump

As per request of the Niagara County Board of Health a reinspection and survey was conducted of the Town of Wheatfield Dump located off Nash Road on the morning of June 3, 1966.

Present during this initial survey; Environmental Health Trainee Arthur Perez; also, Mr. Skomski member of the Board of Health whom we met by accident at this site.

General survey showed the greatest problem to be the location of pile of debres and rubble at the extreme end of the dump. This pile of debre consists entirely of broken tree stumps, limbs, trash wood, etc.

We next went over to talk to the housewives on Forbes Terrace who were in their backyards. We stated to them that the Health Department was presently conducting a survey to determine the best and most feasible method of disposing of the hard trash located at the east end of the dump, and which we stated is not creating a health menace, but rather a visual nuisance. Furthermore, the inspection conducted of this area, again did not produce any rodent or rat colonies although they may be present; but as stated at the hearing conducted Thursday evening June 2, 1966, no rats have been seen by residents in this area for the past year. With a good and proper sanitary landfill operation none of these things should be present.

We stated to Mrs. DeMarco, that the program to be outlined for the proper disposal and elimination of the swamp would take several months, and that for their benefit we would not desire to hear any complaints regarding the moving of equipment or the creation of dust. This she agreed, they would not complain about.

Mr. Skomski was present during this entire conversation.

On Saturday June 4, 1966 a meeting was arranged by Health Commissioner Dr. Dudley Hill, with Mr. Stanley Brzezinski, Supervisor of Wheatfield; and Mr. Anthony Zino operator and owner of Niagara Sanitation; and Mr. Kruger, Department of Public Works, Wheatfield at 10:00 P.M. on the dump site. I had requested that Mr. Robert Cvetan, Senior Sanitarian, Niagara County Health Department be present, primarily to familiarize him with the condition and lay of action to be instituted in the program.

June 10, 1966

It was agreed by Mr. Brzozinski that a ditch at the east end of the dump approximately 500-600 feet from the homes on Forbes Terrace be constructed. This ditch is to be dug at any depth desired or feasible for the proper operation of the sanitary strip landfill program. Earth is to be piled to the south side of the ditch 6 to 12 feet high. This would continue west 300-500 feet thus blocking and eliminating the creation of any visible nuisance to the home owners on Forbes Terrace.

The sanitary landfill program will then continue to the north along this entire strip of land with dirt being compacted daily until the entire marsh and swamp has been eliminated. It is desired that this program begin immediately so as to dispel the fears of the families on Forbes Terrace, that their complaints have not fallen on deaf ears.

It is also noted that prevailing winds are from the southwest. Any complaints rendered should have come from Pallotine Fathers, or the new owners of Freck's Motel located on Niagara Falls Blvd. Town of Wheatfield for they are continuously waifed by odors from the marsh and septic lagoons.

I would also advise that a burning permit be issued to burn up the residue of wood etc. located at the east end of the dump. Mr. Anthony Zino requested if it would be possible to allow him to burn waste papers from Bell Air Craft, this would help eliminate the scattered-looking condition of the dump.

I stated to Mr. Zino that I would request Mr. Ernest Gedeon, Superintendent of Air Pollution Control, Niagara County to conduct a survey to see if it would be permissible to grant a burning permit.

XXXXXXXXXXXXXXXXXXXXX  
XXXXXXXXXXXXXXXXXXXXX

June 10, 1966

Mr. Stanley Brzezinski  
2080 River Road  
Niagara Falls, N.Y.

Dear Mr. Brzezinski:

At the hearing held by the Board of Health of Niagara County on June 2, 1966, in North Tonawanda, in regard to the Town of Wheatfield dump, located off the Nash Road, the Niagara County Health Department was instructed to formulate immediately a plan whereby the nuisance presently caused by the dump would be abated as quickly as possible and also to outline the procedures to be followed in the future in order to avoid the creation of any further nuisance. The Health Department was further instructed to supervise closely the operation and maintenance of the dump to insure that the plan was being followed and to report to the Board of Health if any deviations or infractions occurred.

The following plan is hereby submitted:

1. A ditch is to be dug at the east end of the dump about 500 to 600 feet behind the homes on Forbes Terrace and is to extend to the west about 300 to 500 feet. The excavated earth is to be piled on the south side of the ditch to a height of 6 to 12 feet. This will effectively block the view of any unsightly conditions which may exist, and is to be done immediately.
2. This ditch is to be the beginning of an approved sanitary landfill operation with proper filling, compacting and covering. Additional ditches will be dug as needed to the north until the whole area has been filled, including the swamp area. The final grade is to be not higher than the back yards on Forbes Terrace.
3. The possibility of burning the large pile of trees and trash wood is being considered. The Air Pollution staff is to make a survey as to its feasibility, to insure that no nuisance or hazard is created.
4. Consideration will also be given to the possibility of permitting the burning of waste paper, which comprises a significant proportion of the refuse collected. This would much improve the appearance of the dump but, again, avoidance of any nuisance or hazard is essential.
5. No burning of any kind is permitted without the prior approval of the Health Department and then only under the circumstances and conditions outlined in the approval.

Cont'd.

6. Close supervision of the operation and maintenance of the dump is to be provided by the Sanitation personnel of the Health Department. No deviations from the plan by the operators is to be permitted without prior approval by the Department. If, despite compliance, nuisance conditions occur, the plan may be modified but only after consultation between the Department and the operator and with the approval of the Board of Health. Any accidental or inadvertent creation of a nuisance must be reported by the operator to the Department. Any deliberate deviation from the plan or from subsequent recommendations of the Department are to be reported to the Board of Health.

Respectfully submitted,



Dudley A. Hill, M.D.  
Commissioner

DAH...pal

CC: Mr. Anthony Zino, Niagara Sanitation, Inc.  
Mr. Samuel L. Tavano, County Attorney  
Dr. John H. Stunz, President, Board of Health  
Mr. Eugene F. Seebald, Regional Director of Public Health Engineering  
Mr. Michael Popovici, Senior Sanitarian ✓

NEW YORK STATE DEPARTMENT OF HEALTH  
INSPECTION REPORT FOR REFUSE DISPOSAL AREAS

T.V.C. Wheatfield	County Niagara	Owner Town	Address Town Hall	Phone
Type of refuse: mixed garbage rubbish other	Operator Niagara Sanitation		Address	Phone
Municipalities served Wheatfield Niagara, Porter, Youngstown Village		Refuse collectors (names) Niagara Sanitation		
Total population _____ per cent served _____				
Business (average collections per week) Residential (average collections per week)		Summer _____ Winter _____	Total amount of refuse Tons per week _____	
Total area (acres)	Suitable cover material avail- able Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Type of soil and topography Sandy Silt, level and marsh	Depth to rock 10 feet	Depth to ground water 2 to 3 feet
Gate and lock pro- vided at entrance Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Adequate equipment available for maintaining refuse dis- posal area Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Describe type and numbers 1 Dozer 1 Shovel		
Fire protection avail- able Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Describe		Drainage interferes with operation Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Days and hours refuse disposal site open. 8 hours	Attendant on duty when refuse site open Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Site locked when closed Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Burning practiced Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Type of material burned?
Burned in a special area away from dump Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	How often and what time of day?	How controlled?	What precautions are taken to prevent fires? None	
How often is refuse compacted? Varies	Covered Yes <input type="checkbox"/> No <input type="checkbox"/> Partially	Type of cover Sandy Silt	Source of cover Site being Excavated	Depth of cover? 0" to 24"
Cover graded and maintained so no nuisance is caused as the result of pooling of water, cracking, settling, etc. Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			Dumping controlled by: Signs <input type="checkbox"/> No Fencing <input type="checkbox"/> Supervision <input type="checkbox"/> No	
List any of the above that have been exempted by the full-time health officer _____				
Dumping confined to a narrow strip Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Width	Signs of leachings to a watercourse Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Signs of floating solids in a water- course Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Measures taken to control flies, rodents and other insects Yes <input type="checkbox"/> No <input type="checkbox"/> ?
Papers confined to re- fuse site Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Scavenger wastes permitted Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Nuisance created Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Hazard created by the disposal of hazardous industrial wastes Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Methods of disposal of large items (furniture, tanks, appliances, stumps, etc.) All dumped in marsh				
Salvaging per- mitted Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Nuisance created Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Do swine feed on dump Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Is approach road passable to vehicular traf- fic during all seasons of year Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Have there been any complaints (smoke, odor, rodent, insects, water pollution) from people in the area Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				
Remarks:				
1. Refuse area 1 is months old, not compacted or covered				
2. Refuse - deposited in marsh, decomposing, gasifying area not oriented to program disposal - recent dumping in 3 locations.				
3. Old swamp areas should be covered in as quickly as possible -- this would eliminate a lot of smell, and convert operation to strip dumping.				

\*State details under Remarks.

Sketch: (Include location from a known point, access road, prevailing wind, refuse site boundaries, dumping face location, water courses, areas subject to flooding, natural drainage channels or gulleys, general land slope and slope of fill, distance to nearest public water supply source, fences and gates, and habitation within 1500 ft.)

Access Road

Westfield Town  
North Tonawanda City

Forbes Terrace St.

Recommendations:

1. Proper landfill of recently deposited putrescible material should be maintained.
2. Steps should be taken to provide adequate grading to prevent leading of putrescible drainage.
3. 24 inches of soil should be deposited on all previously deposited putrescible material; and should be compacted and graded so as not to contribute to a public health nuisance
4. Fill in marshes as soon as possible.

Person Interviewed

Title

Date

Inspected By (signature)

Date Inspected

Time Inspected

Report rec'd by (sign)

Date rec'd

*W. J. Ryan & Arthur Perry*

June 1-2, 1966

From 4:15 To 1:30 pm.

MEMO

5/20/65

FROM: MILES A. LANCE

TO: DR. HILL

RE: REFUSE & GARBAGE  
WHEATFIELD

Dear Dr. Hill:

Michael Popovici showed me some slides of this dump. I would not be surprised if there was further investigation than appears from the documents in this file.

MILES A. LANCE  
Assistant County Attorney

  
MAL:aar



# NIAGARA COUNTY HEALTH DEPARTMENT

525 BEWLEY BUILDING

LOCKPORT, NEW YORK

TEL. 434-2835

DUDLEY A. HILL, M.D.  
COMMISSIONER

JERAULD A. CAMPBELL, M.D.  
DEPUTY COMMISSIONER

DIVISION OF  
ENVIRONMENTAL HEALTH SERVICES

EUGENE F. SEEBALD, P.E.  
ASSISTANT COMMISSIONER

April 4, 1966

Wheatfield Town Board  
Mr. Winston E. Moeller  
Town Clerk  
6934 Maple Drive  
North Tonawanda, New York

APR 6 1966

Re: Refuse Area  
Nash Road Site

Gentlemen:

Your attention is directed to the following comments pertaining to the operation of the refuse disposal area East of Nash Road and North of the City Limits of North Tonawanda.

1. The landfill area operated at the westerly extremity has been reasonably maintained during the winter months.
2. An inspection by the undersigned on March 23, 1963 revealed a lack of cover of earth over the previously deposited putrescible material on the easterly area of the site sufficient to prevent public health nuisance conditions.
3. The area where previously deposited putrescible material exists has not been graded to prevent leaching of nuisance producing drainage to the surface.
4. Where putrescible material has previously been deposited in existing open water areas, sufficient non putrescible fill has not been used to cover so as to prevent the existence of a public health nuisance.

In view of the foregoing comments the following advisements are tendered:

1. The proper landfill of recently deposited putrescible material is to be maintained in all respects according to existing statutes of the Niagara County Health Department & the New York State Department of Health.

EXHIBIT "A"



April 4, 1968

2. Steps are to be taken to provide adequate grading to prevent the leaching of putrescible drainage to the surface which could create a public health nuisance.

3. Twenty-four inches of soil is to be deposited on all previously deposited putrescible material. This to be compacted and graded so as not to contribute to a public health nuisance.

4. Non putrescible hard fill is to be drawn to the site to minimize the nuisance producing aspects of the open water areas previously used for the deposit of putrescible refuse.

5. By a copy of this correspondence we are advising the County Attorney of Niagara County of the circumstances and are requesting that he direct his attention to securing relief at law for prompt compliance with the foregoing requests.

Very truly yours,

*Eugene F. Seebald*

Eugene F. Seebald, P.E.  
Assistant Commissioner for  
Environmental Health

EFS...lam

cc: County Attorney ✓  
Buffalo Regional  
Albany  
Supervisor Murphy  
Alderman Rumbold  
Mr. Peter DeMarco, Forbes Terrace, North Tonawanda  
File

October 24, 1945

Henry Schmidt, Esq.,  
Attorney at Law  
15 Webster Street  
North Tonawanda, N. Y.

Dear Hank:

This is to remind you that you were to send me copies of the Agreements between Niagara Sanitation and Town of Wheatfield about two weeks ago. I wish to cooperate with you and the Town.

However, I am going to be forced to proceed without much more discussion unless I have a reasonable basis to help you resolve the problem with the Health Department.

Very truly yours,

(HARRIS and SOUTHARD)

By *Southard*  
County Atty.

RCS:yj

*Schmidt replied: No written  
K. Lino merely using Dump  
under "Oral License" - Payments  
of Rent to be made - probably  
nothing paid - Schmidt is not  
sure!*

NEW YORK STATE DEPARTMENT OF HEALTH  
INSPECTION REPORT FOR REFUSE DISPOSAL AREAS

T.V.C.		County		Owner		Address		Phone		
J. HEALING		Hudson		T. J. HEALING		T. J. HEALING				
Type of refuse: mixed <input checked="" type="checkbox"/> garbage rubbish other *				Operator		Address		Phone		
				T. J. HEALING		T. J. HEALING				
Municipalities served				Refuse collectors (names)						
J. HEALING - 145A FIELD				J. HEALING - 145A FIELD						
Total population				per cent served						
Business (average collections per week)				Summer		Winter		Total amount of refuse Tons per week		
Residential (average collections per week)										
Total area (acres)		Suitable cover material available Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Type of soil and topography			Depth to rock		Depth to ground water	
				SANDY SILT - PARTIALLY COVERED			10 ft.		6 ft.	
Gate and lock provided at entrance		Adequate equipment available for maintaining refuse disposal area		Describe type and numbers						
Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>								
Wire protection available		Describe		Drainage interfere with operation						
Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>						
Days and hours refuse disposal site open.		Attendant on duty when refuse site open		Site locked when closed		Burning practiced		Type of material burned?		
		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>				
Burned in a special area away from dump		How often and what time of day?		How controlled?		What precautions are taken to prevent fires?				
Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>						NONE				
How often is refuse compacted?		Covered		Type of cover		Source of cover		Depth of cover?		
VARIES		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		SANDY SILT		SITE EXCAVATED		0' to 4"		
Cover graded and maintained so no nuisance is caused as the result of pooling of water, cracking, settling, etc.				Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Dumping controlled by: Signs <input checked="" type="checkbox"/> Fencing <input type="checkbox"/> Supervision <input checked="" type="checkbox"/>				
List any of the above that have been exempted by the full-time health officer										
NONE										
Dumping confined to a narrow strip		Width		Signs of leachings to a watercourse		Signs of floating solids in a watercourse		Measures taken to control flies, rodents and other insects		
Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		-		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Papers confined to refuse site		Scavenger wastes permitted		Nuisance created		Hazard created by the disposal of hazardous industrial wastes				
Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>				
Methods of disposal of large items (furniture, tanks, appliances, stumps, etc.)										
FILL TO MARSH										
Salvaging permitted		Nuisance created		Do swine feed on dump		Is approach road passable to vehicular traffic during all seasons of year				
Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>				
Have there been any complaints (smoke, odor, rodent, insects, water pollution) from people in the area										
Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>										
Remarks:										
Refuse - months-old not covered.										
Refuse - deposited in Marsh decomposing - generating										
Area - not oriented to programmed disposal - recent dumping in three locations.										
Garbage - recently deposited - smoldering										
Provisions for proper forthcoming winter operations lacking - (i.e.) access roads - site organization -										
Recs - turn over to Co. Atty for action.										

\*State details under Remarks.

T. J. HEALING - 9/27/65

NIAGARA COUNTY HEALTH DEPARTMENT

In the Matter of the Operation :  
of the Refuse Disposal Area Situated :  
in the Town of Wheatfield adjacent :  
to the Nash Road. :

TO: ANGELO L. ZINO  
236 63rd Street  
Niagara Falls, New York

NIAGARA SANITATION  
236 63rd Street  
Niagara Falls, New York

**PLEASE TAKE NOTICE:**

Repeated inspections of this site have revealed that dumping of refuse has not been confined to an area which can be effectively maintained and operated in accordance with Part 19 of the New York State Sanitary Code. Control by supervision, fencing, signs, or equally effective means has been lacking.

Refuse has not been compacted and covered daily with a compacted layer of at least 6 inches of suitable material and a final compacted cover of at least 2 feet of a suitable cover material has not been placed within one week after the final deposit of refuse on the refuse disposal area.

Effective means have not been taken to control flies, rodents, and other insects and vermin in the refuse disposal area.

Fencing or other suitable means has not been established to confine papers and other refuse to the refuse disposal area proper.

All of the foregoing constitute contraventions of Section 19.2 of Part 19 of the New York State Sanitary Code.

You are hereby ordered to take notice of the foregoing and bring the operation into full conformity with the provisions of Part 19 of the New York State Sanitary Code.

Angelo L. Lino and Niagara Sanitation

A reinspection will be made on September 34, 1965, to ascertain the status of the operation of the refuse disposal area.

If at that time, it is found that the refuse area is being operated contrary to the provisions of Part 19 of the New York State Sanitary Code, legal proceedings will be initiated under Section 1.21 of Part I of the New York State Sanitary Code.

You are hereby notified that the said section declares all violations of the code to be a misdemeanor crime punishable by a fine of not more than \$50.00 or by imprisonment of not more than six months or by both.

Lockport, New York  
September 14, 1965

*D. Hill*  
Dudley A. Hill, M.D.  
Commissioner of Health

NEW YORK STATE DEPARTMENT OF HEALTH  
INSPECTION REPORT FOR REFUSE DISPOSAL AREAS

T.V.C. <u>Wheatfield</u>		County <u>Niagara</u>	Owner <u>Town</u>	Address	Phone
Type of refuse: mixed <input type="checkbox"/> garbage <input type="checkbox"/> rubbish <input type="checkbox"/> other <input type="checkbox"/>		Operator <u>Niagara Town</u>		Address	Phone
Municipalities served			Refuse collectors (names)		
Total population			per cent served		
Business (average collections per week)			Summer	Winter	Total amount of refuse Tons per week
Residential (average collections per week)					
Total area (acres)	Suitable cover material available Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Type of soil and topography <u>Sandy Clay</u>		Depth to rock	Depth to ground water
Gate and lock provided at entrance Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Adequate equipment available for maintaining refuse disposal area Yes <input type="checkbox"/> No <input type="checkbox"/>		Describe type and numbers		
Fire protection available Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Describe			Drainage interferes with operation Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Days and hours refuse disposal site open.	Attendant on duty when refuse site open Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Site locked when closed Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Burning practiced Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Type of material burned?	
Burned in a special area away from dump Yes <input type="checkbox"/> No <input type="checkbox"/>	How often and what time of day?	How controlled?	What precautions are taken to prevent fires? <u>none</u>		
How often is refuse compacted? <u>varies</u>	Covered Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> <u>partially</u>	Type of cover <u>site soil</u>	Source of cover <u>site</u>	Depth of cover? <u>0 to 24"</u>	
Cover graded and maintained so no nuisance is caused as the result of pooling of water, cracking, settling etc. Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			Dumping controlled by: Signs <u>no</u> Fencing <u>no</u> Supervision <u>no</u>		
List any of the above that have been exempted by the full-time health officer <u>none</u>					
Dumping confined to a narrow strip Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Width	Signs of leachings to a watercourse Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Signs of floating solids in a watercourse Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Measures taken to control flies, rodents and other insects Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Papers confined to refuse site Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Scavenger wastes permitted Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Nuisance created Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Hazard created by the disposal of hazardous industrial wastes Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Methods of disposal of large items (furniture, tanks, appliances, stumps, etc.) <u>fill for marsh</u>					
Salvaging permitted Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Nuisance created Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Do swine feed on dump Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Is approach road passable to vehicular traffic during all seasons of year Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Have there been any complaints (smoke, odor, rodent, insects, water pollution) from people in the area Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>					
Remarks:					

\*State details under Remarks.

16 Forbes Terrace  
North Tonawanda, New York  
June 10, 1965

Wheatfield  
Before

Mr. Eugene Seebald  
Niagara County Health Department  
Bewley Building  
Lockport, New York

Dear Mr. Seebald:

The time is long overdue for adding my formal complaint to those of my neighbors regarding the Town of Wheatfield dump located off Nash Road, which borders my property. It would seem to me that the people who operate the dump have already been given plenty of time to clean up the unsanitary and unsightly conditions.

On April 28, 1965, you attended a meeting where several of my neighbors expressed their desire to have this dump closed down. These same neighbors had previously made the Niagara County Board of Health aware of the situation. After you visited the dump on May 21, 1965, less dumping has been done in the area directly adjacent to numbers 18, 20, 26, 32, and 38 Forbes Terrace. However, the area has not been cleaned up, there is often a very unpleasant odor, and dumping is still being done within less than 500 feet of my property.

This dump is a health hazard to all who live near the area. Open garbage is allowed to stand for hours and days at a time. Rats have been seen in the area. No deodorant is used and no rat control program is in effect. It is my understanding that in a dump of this type, the garbage is supposed to be put in eight foot deep holes and covered with at least 20 inches of dirt. To my knowledge this is not being done. Most of the dumping area is constantly littered with debris and garbage.

Several important considerations are:

- 1) Youngsters daily go into the dumping area.
- 2) Often we have seen young boys and men with rifles shooting in the dump. My neighbors and I have contacted the Sheriff's Department several times regarding the shooting.
- 3) Scavengers are often seen rummaging through the garbage.
- 4) An area of this type is bound to draw rats, skunks and rabbits who could be rabid and dangerous.

It is my husband's and my feeling that this dump should be completely closed down and cleaned up. A residential area should not have to be near such a serious health and safety hazard. I urge you to demand that this Town of Wheatfield dump be closed down immediately.

Sincerely yours,  
*Miranda C. Stonebraker*  
(Mrs. James S. Stonebraker)

STATE OF NEW YORK : COUNTY OF NIAGARA  
NIAGARA COUNTY BOARD OF HEALTH

In the Matter of the Complaint

-against-

STANLEY A. BRZEZINSKI, Supervisor, Town of Wheatfield, New York, WINSTON E. MOELLER, Clerk of the Town of Wheatfield, New York, and ANGELO L. ZINO, d/b/a NIAGARA SANITATION, 236 - 63rd Street, Niagara Falls, New York,

Respondents.

TO: STANLEY A. BRZEZINSKI  
2080 River Road  
Niagara Falls, New York

WINSTON E. MOELLER  
6934 Maple Drive  
North Tonawanda, New York

ANGELO L. ZINO, d/b/a  
NIAGARA SANITATION  
236-63rd Street  
Niagara Falls, New York

Charges having been preferred against you under the provisions of the New York State Public Health Law, Section 225, and the New York State Sanitary Code, Part 19.2,

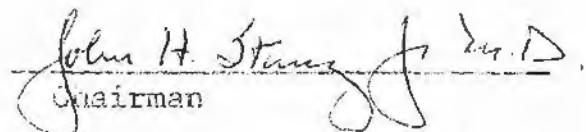
YOU ARE HEREBY ORDERED TO SHOW CAUSE at the City Hall of the City of North Tonawanda, Payne Avenue, North Tonawanda, New York, on the 2nd day of June, 1966, at eight o'clock in the afternoon of that day, why an order should not be made against you to enjoin you from conducting or maintaining a nuisance in regard to the maintenance of a refuse disposal area located in the Town of Wheatfield, having an entrance on Nash Road in the Town of Wheatfield and abutting and adjoining the City of North Tonawanda, New



York, said nuisance consisting of a lack of cover of earth over putrescible material, otherwise improper coverage of material previously disposed in the refuse area, and otherwise improper maintenance of the refuse disposal area all in accordance with the applicable sections of the New York State Sanitary Code and the annexed letter marked EXHIBIT "A" and made a part hereof.

Dated: May 27, 1966

THE NIAGARA COUNTY BOARD OF  
HEALTH

  
Chairman

June 4, 1965

Mr. Stanley Brzezinski, Supervisor  
Town of Wheatfield  
2080 River Road  
Niagara Falls, New York

Re: Refuse disposal area  
Town of Wheatfield

Dear Sir:

This will serve to confirm information resulting from our field conference on June 3rd. Present at the conference beside yourself were, Mr. Demler, Water Superintendent, Mr. Krueger and Mr. Zino of Niagara Sanitation.


In response to inquiries as to your intention toward proper operation of your refuse disposal area off Nash Road, you agreed to direct the Highway and Water Departments to use their equipment to transport fill and cover objectionable areas in the eastern portion of the refuse area, this is to be accomplished within the next few weeks. Mr. Zino, who operates the refuse area in respect to garbage disposal, agreed to excavate holes for the disposal of garbage, using the spoil material from the excavation after covering the compacted refuse to cover the areas most objectionable beyond the site. It was agreed that it would be most desirable to fill in the septic swamp areas with building rubble or non burnable refuse.

You indicated that within several months a new disposal site could be obtained and that the garbage operation would be removed to this site. It is expected that a prior review of the site by this department would be requested to ascertain its suitability for landfill disposal. Mr. Zino was advised that in the event of any interruptions in operation, such as equipment breakdown, he should take immediate steps to obtain suitable substitute arrangements, which will remove any nuisance resulting from his operation. In the event that Mr. Zino or Niagara Sanitation fail to conduct a proper landfill operation in the future, necessary regulatory steps will be instituted for the control of the operation of the facility of Niagara Sanitation organization.

Please advise if there is anything contained herein which does not represent accurately the discussion on June 3rd previously referred to.

Very truly yours,

CC: Town Board - Tn. Wheatfield  
Mr. Demler - Supt Water  
Mr. Krueger - Highway Supt.  
Mr. Zino - Niagara Sanitation  
EFSMr.pM Murphy - Supervisor, N.T.

  
Eugene F. Seebald, P.E.  
Assistant Commissioner for  
Environmental Health

May 24, 1965

Supervisor and Town Board  
Town Hall  
Niagara Falls Boulevard  
North Tonawanda, New York

*Wheatfield*

Gentlemen:

Subject: Refuse Disposal Area

Some time last year the Department of Health having jurisdiction permitted the development of a trial land fill on the site of the Wheatfield Town refuse area off Nash Road, adjacent to the City of North Tonawanda.

Subsequent inspections have revealed that in spite of the efforts of the Town and the Niagara Sanitation Service, the site cannot be regarded as a practical, efficient land fill development. For a number of reasons to continue on this site is most undesirable and at an early date the Town and or the Niagara Sanitation Service should develop a land fill site considering all of the desirable factors such a site requires.

Until such time as a permanent site can be developed or obtained, it will be permissible to dispose of refuse and garbage on the Nash Road site with due care being taken to excavate garbage disposal pits, covering each night with sufficient earth cover to keep out rodents and to keep other vermin from being attracted. The excavated material from these pits should be used to cover previously deposited refuse and garbage.

During the past month a new threat, that of rabies has been detected in the Town of Wheatfield. In one instance rabies was found in a wild skunk. As you no doubt realize, skunks are scavengers and are in the refuse disposal area previously discussed and therein find harborage and food supply readily available. The fact that this area is frequented by scores of children, makes this very undesirable for disposal of garbage at this site.

I shall be pleased to discuss this matter with you if you should so desire and would be glad to pass upon any prospective land fill site you should propose.

Very truly yours,

Eugene F. Seebald, P.E.  
Assistant Commissioner for  
Environmental Health

EFS...pal

CC: Mr. Bert J. Murphy, Supervisor, N. Tonawanda  
Mr. Demler, Supt. of Water, Town of Wheatfield  
Mr. Bernhardt - BRO  
Niagara Sanitation Services

26 Forbes Terrace,  
N. Tonawanda, N.Y.  
April 23rd, 1965.

*F  
Wheatfield  
Refer*

Mr. Paul Humbolt, Alderman,  
City of North Tonawanda,  
North Tonawanda, N.Y.

Mr. Bert Murphy, Sun.  
c/o Board of Supervisors,  
Lockport, N.Y.

Gentlemen:-

Under date of March 20th, 1965 I wrote to you with reference to a very deplorable dumping situation at the rear of our property but to date have not even had the courtesy of a reply from you.

If this is the manner that you are pursuing in the discharge of your duties as elected representatives of the people of your district I can assure you that when the next election is at hand your name will be stricken from the ballots of many voters.

If it is not too much trouble will you please advise whether or not any firm action will be taken to remove this blight from our area as if you are not able to accomplish this at least we will know where we stand and will then attack this problem through normal legal channels.

Yours very truly,

*Joseph G. Ramsbacher*  
Joseph G. Ramsbacher

CC:- Dr. Hill, c/o Niagara County Health Dept.,  
Bewley Bldg.,  
Lockport, N.Y.

DATE RECEIVED

APR 26 1965

NIAGARA COUNTY HEALTH DEPT.  
LOCKPORT, N. Y.

## DEPARTMENT OF HEALTH

## Service Request

NUMBER

Originator

Owner - ~~Occupant~~ - Agent

Address

### Address

[illegible]

Date Abated 3-23-65 By [Signature]

26 Forbes Terrace,  
N. Tonawanda, N.Y.  
March 20, 1965

Mr. Paul Rumbolt, Alderman,  
City of N. Tonawanda  
North Tonawanda, N.Y.

Mr. Bert Murphy, Sup.  
c/o Board of Supervisors,  
Lockport, N.Y.

Gentlemen:-

The undersigned residing at above address which we understand places us in your respective N. Tonawanda and Niagara County Districts, hereby desire to register formal protest against non-protection of taxpayers with respect to a very disagreeable and both unhealthy and unsanitary condition existing in our residential area.

The rear of our property as well as other neighbor's property border on land owned and presently operated as a garbage and trash dump of City of Wheatfield. This dump should be permanently removed from our highly taxed area as it is not only unsightly but also unhealthy and unsafe and is being operated in direct violation of the New York State Sanitary Code. It provides numerous health hazards such as rat's, vermin, insects, etc. and the stench is not only unbearable but nauseating, thereby preventing residents from taking advantages of their summer outdoor recreational facilities. In addition it is a constant fire hazard, particularly due to spontaneous combustion as a recent fire there smoldered for several days thereby contaminating the area including nearby homes with smoke odors and particularly during high winds is a constant fire threat to our homes and the lives of our children.

The existence of this dump has greatly decreased property values (but not taxes) and in event of necessary resale due to company transfer or other reasons great loss would be suffered due to this deplorable and unwarranted situation.

We are sure you will agree that as payers of high taxes in a fine residential area we should not be made to suffer the hazards of this blight.

Although the undersigned are not presently registered voters due to insufficient residency, as soon as we have properly met the eligibility requirement of one years residence in N.Y. State (April 1, 1965) we will exercise our registration and voter privilege.

Many of our good neighbors have previously complained about this nasty situation but no firm action has ever been taken and in fact at one time they were told that this dump was only temporary and would be closed in June of 1964 but instead of closing it down the hazards have multiplied considerably over the past year.

We therefore sincerely hope that in the interest of good government you gentlemen who have been duly elected as trustworthy representatives of all the people in your districts will use the full authority of your elected office to bring about a complete satisfactory solution to a very deplorable situation.

Thanking you for your kind and prompt action in this matter and looking forward to hearing from you regarding same, we remain,

Yours very truly,

Joseph G. Ramsbacher

Regina D. Ramsbacher

CC:- Dr. Hill,  
c/o Niagara County Health Dept.,  
Bewley Bldg.,  
Lockport, N.Y.

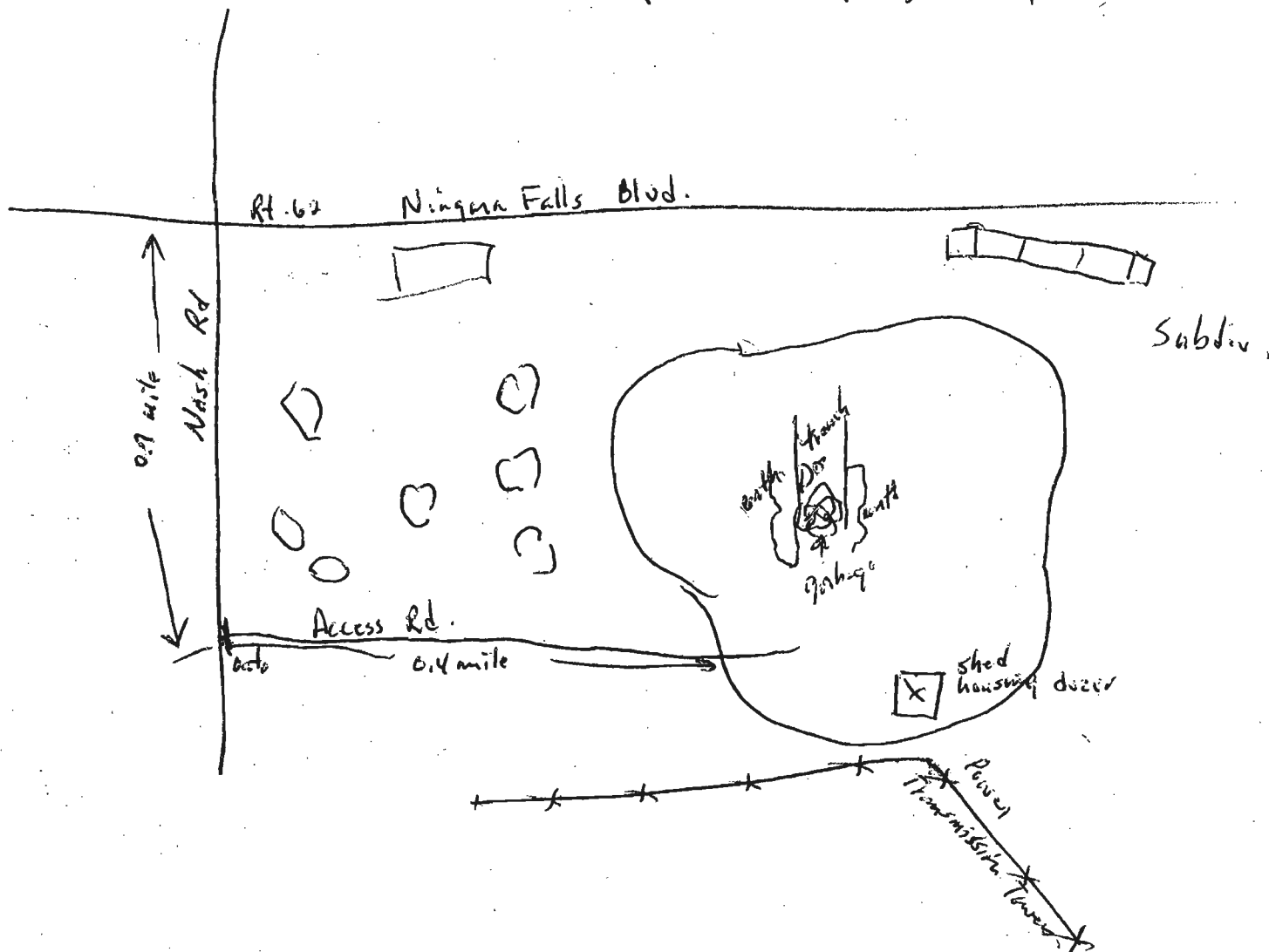
NEW YORK STATE DEPARTMENT OF HEALTH  
INSPECTION REPORT FOR REFUSE DISPOSAL AREAS

T.V.C. <i>T. of Wheatfield</i>	County <i>Niagara</i>	Owner <i>T. of Wheatfield</i>	Address		Phone
Type of refuse: mixed <input checked="" type="checkbox"/> garbage rubbish other *	Operator <i>Niagara Sanitation Inc.</i>		Address <i>3001 Military Rd</i>		Phone <i>84-34330</i>
Municipalities served <i>T. of Wheatfield, Air Base, Bell Aircraft</i>		Refuse collectors (names) <i>Niagara Sanitation Inc.</i>			
Total population _____ per cent served _____					
Business (average collections per week) <i>Trash - 2/wk. Mixed - 2</i>		Summer <i>2</i>	Winter <i>2</i>	Total amount of refuse Tons per week <i>25 load - 20 yds. ~ 7 1/2 tons</i>	
Residential (average collections per week) <i>Mixed 2</i>					
Total area (acres)	Suitable cover material available Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Type of soil and topography <i>Sandy clay; flat</i>		Depth to rock <i>&gt; 7 ft.</i>	Depth to ground water <i>&gt; 7 ft.</i>
Gate and lock provided at entrance Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Adequate equipment available for maintaining refuse disposal area Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Describe type and numbers <i>1 - 977 Tires water to front sweep 15'</i>			
Fire protection available Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Describe <i>T. of Wheatfield (St. Johnsbury &amp; Adams Fire Co.)</i>			Drainage interferes with operation Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Days and hours refuse disposal site open. <i>Daily 2-5; Test all</i>	Attendant on duty when refuse site open Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Site locked when closed Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Burning practiced Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Type of material burned?	
Burned in a special area away from dump Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	How often and what time of day?	How controlled?	What precautions are taken to prevent fires?		
How often is refuse compacted? <i>Daily</i>	Covered Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> <i>Daily</i>	Type of cover <i>Backfill</i>	Source of cover <i>Tranching</i>	Depth of cover? <i>1 ft.</i>	
Cover graded and maintained so no nuisance is caused as the result of pooling of water, cracking, settling, etc. Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			Dumping controlled by: Signs <input checked="" type="checkbox"/> Fencing <input checked="" type="checkbox"/> Supervision <input checked="" type="checkbox"/>		
List any of the above that have been exempted by the full-time health officer _____					
Dumping confined to a narrow strip Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Width <i>30'</i>	Signs of leachings to a watercourse Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Signs of floating solids in a watercourse Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Measures taken to control flies, rodents and other insects Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> <i>Antifly</i>	
Papers confined to refuse site Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> *	Scavenger wastes permitted Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Nuisance created by the disposal of hazardous industrial wastes Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			
Methods of disposal of large items (furniture, tanks, appliances, stumps, etc.) <i>Crushed in (leeches or packers) &amp; buried with garbage</i>					
Salvaging permitted Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Nuisance created by dump Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Is approach road passable to vehicular traffic during all seasons of year Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			
Have there been any complaints (smoke, odor, rodent, insects, water pollution) from people in the area Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>					
Remarks: <i>1. Some Industrial Wastes from Carborundum, &amp; Graphite Specialties (Carbon, wood, trash)</i> <i>2. Neighboring residents have complained past about smoke &amp; odors before advised not to cease burning.</i>					

\*State details under Remarks.

Sketch: (Include location from a known point, access road, prevailing wind, refuse site boundaries, dumping face location, water courses, areas subject to flooding, natural drainage channels or gulleys, general land slope and slope of fill, distance to nearest public water supply source, fences and gates, and habitation within 1500 ft.)

1. Area surrounded by subdivisions which have been sources of complaint in the past; burning has ceased.



<u>Recommendations:</u>				
Person Interviewed		Title		Date
Paul Richards		Operator		2/26/04
Inspected By (signature)	Date Inspected	Time Inspected	Report rec'd by (sign)	Date rec'd
R-C. Mt. Pleasant	2/26/04	From 3 To 3:30		



TO: THE TOWN BOARD OF THE TOWN OF WHEATFIELD, NIAGARA COUNTY,  
NEW YORK and THE STATE DEPARTMENT OF HEALTH and THEIR  
REPRESENTATIVES

The undersigned being residents of the County of Niagara  
and State of New York, and members of the St. Peter's Evangelical  
Lutheran Church, hereby register their opposition to the use of  
the 96 acre Frank Pirooski farm on the north side of the Lockport  
Road as a site for sanitary land fill operations and refuse dis-  
posal.

Among the grounds for this opposition is the fact that the  
site in question is situate within a predominantly farming area  
where the intended use would create a menace to health, a devalu-  
ation of lands in the vicinity, and be too close to a religious  
organization. Other areas more suitably situate undoubtedly are  
available.

Name	Address	Date
Mr. + Mrs. Adolph DeVantier	9811 Lockport Rd Niagara Falls N.Y.	4-12-64
Edward P. Walck	Samborn N.Y.	
Wm R. Ziemendorf	6363 Ward Road Samborn	4-12-64
Geo Haseley	1833 Saunders Settlement Road	4, 12 64
Rudolf C Walck	Samborn	
Herward W. Walck	5939 Walmore Rd	4/12/64
Rudolf A Walck		
Chester A. Haseley	Route #2 Samborn	4/12/64
Janette Walck	Walmore Rd.	4/12/64
Lillian Haseley	Route #2 Samborn	4/12/64
Jonas J. Haseley	253 Samborn #2 Hwy	
Thompson H. Graft	W R 2 Samborn	4-12-64
Mr. & Mrs. R. Fehmwald		

Name	Address	Date
Marion H. Pleasant	Sanborn	4-12-69
Harvey H. Haseley	Sanborn	4-12-69
Nobert H. Lang	6291 Millerville Circle Sanborn, N.Y.	4-12-69
Mrs. Hugo Walck	2494 Lockport Rd Sanborn	4-12-69
Max Pfohl	Sanborn N.Y.	4-12-69
Louis Pfohl	Sanborn N.Y.	4/12/69
Leota H. Walck	Sanborn, N.Y.	4-12-69
Edwin DeBris	9721 Lockport Rd Niagara Falls, N.Y.	4/12/69
W. Schillhauer	3640 Haseley Dr. Niagara Falls N.Y.	4/12/69
Mrs. N. Mueller	9521 Lockport Rd Niagara Falls N.Y.	4/12/69
Edna J. Widenulle	5964 Klein Rd N.Y.	
Norma E. Kroening	3056 Lockport Rd. Sanborn N.Y.	4/12/69
Minnie Kroening	3056 Lockport Rd Sanborn N.Y.	4/12/69
Herman Kroening	3056 Lockport Rd Sanborn N.Y.	4/12/69
William Beutel	2915 Tallman St Sanborn	
Clara Beutel	2915 Tallman St Sanborn N.Y.	
Tilbert Walck	2508 Lockport Rd. Sanborn N.Y.	
Ronald Craft	5988 Walmore Rd Sanborn N.Y.	
Howard C. Walck	2251 Lockport Rd Sanborn N.Y.	
Herold Wold	Sanborn N.Y.	
Walter Pfohl	N.F. N.Y.	
Ronald Wendt	Niagara Falls N.Y.	
Herma D. Beutel	2915 Tallman St Sanborn N.Y.	
Albert J. Wolf	6166 Walmore Rd.	
Mrs. Suzanne Miller	2212 Cayuga Dr. East.	4-12-69
James L. Beutel	6049 Hoover Rd Sanborn	
May Miller	2212 Cayuga Dr. East. Niagara Falls.	
Ernestine Walck	5939 Walmore Rd.	
Bert De Vantor	9821 Lockport Road.	

Name	Address	Date
Mrs Edward Walck	Sanborn N.Y.	Apr. 12
Mrs G. Comaschie	140 1st Settlement	4/12/64
James M. LeVantier	9821 Lockport Rd.	
Edgar Kroening	Sanborn N.Y.	4/12/64
Christine Fohl	2115 Lockport Rd.	4/12/64
Mrs. Albert Kroening	3149 Lockport R.	4/12/64
Albert Kroening	Sanborn N.Y.	4/12/64
Alton Wendt	Sanborn N.Y.	4/12/64
Lillian W. Haseley	Lockport, N.Y.	4/12/64
Mrs James Dickless	Sanborn N.Y.	4/12/64
Mrs Emma Haseley	Niagara Falls N.Y.	4/12/64
Mrs Irene Wendt	Sanborn N.Y.	4/12/64
Mrs. Betty Zimmerman	Sanborn N.Y.	4/12/64
Mrs Esther Walck	Niagara Falls N.Y.	4/12/64
Mrs Marcus Haseley	Sanborn N.Y.	4/12/64
Edwin Beutel	Sanborn, N.Y.	4/12/64
Annie Beutel	Sanborn N.Y.	4/12/64
Mrs D.A. Lethrop	Sanborn N.Y.	4/12/64
Max Haseley	Niagara Falls N.Y.	4/12/64
Mrs. Jonas Haseley	Sanborn N.Y.	4/12/64
Esther Lange	Sanborn N.Y.	4/12/64
Mrs Emma Fohl	Sanborn N.Y.	4/12/64
Mrs. Kermit Haseley	Sanborn, N.Y.	4/12/64

Express  
Noted field  
APR 14 1964  
N. Y. State Dept. of Health  
Lockport District Office

**TO: THE TOWN BOARD OF THE TOWN OF WHEATFIELD, NIAGARA COUNTY,  
NEW YORK and THE STATE DEPARTMENT OF HEALTH and THEIR  
REPRESENTATIVES**

The undersigned being residents of the County of Niagara and State of New York, hereby register their opposition to the use of the 96-acre Frank Piroski farm on the north side of the Lockport Road as a site for sanitary land fill operations and refuse disposal.

Among the grounds for this opposition is the fact that the site in question is situate within a predominantly farming area where the intended use would create a menace to health and a devaluation of lands in the vicinity. Other areas more suitably situate undoubtedly are available.

Name	Address	Date
Samuel J. Wren	2211 Lkpt. Rd.	4/11/64
Albert H. Waseley	6416 Ward Rd.	4/11/64
John W. Steyenberg	6053 Ward Rd.	4/11/64
Angie Thirka	2299 Lockport Road	4/11/64
Shirley Croft	2389 Lockport Rd	4/11/64
Morton Hymick	2411 Lockport Rd	4/11/64
Leard Hymick	2411 Lockport Rd	4/11/64
Wm C. Smith	2431 Lockport Rd.	4/11/64
John M. Smith	2431 Lockport Rd.	4/11/64
Stanley Kowalski	2497 Lockport Rd.	4/11/64
Glenn Lenz	2486 Lockport Rd.	4/11/64
Donald Lenz	2486 Lockport Rd.	4/11/64
Robert Trumbull	2704 Lockport Rd	4/11/64
Lester B. Wagner	2682 Lockport Rd	4/11/64
Ellen Breichler	2704 Lockport Rd	4/11/64
Walter W. Wagoner	2754 Lockport Rd	4/11/64
Alma May	2712 Lockport Rd	4/11/64
Carlton May	2712 Lockport Rd	4/11/64

Name	Address	Date
Ralph Del'onte	2766 Lockport Rd.	4-11-64
Edward & Peggy Williams	2792 Lockport Rd.	4/11/64
W. Musacchio	2816 Lockport Rd.	4-11-64
Charles E. Holstrom	2822 Lockport Rd.	4-11-64
Clarence L Weaver	2834 Lockport Rd.	" " "
Mrs Margaret E Weaver	" " "	" " "
Maled M Weaver	6252 Ward Rd.	4/11/64
Lair Weaver	6252 Ward Rd.	4/11/64
Mrs Roy J. Handley	2855 Lockport Rd.	4/11/64
Frank Slight	2845 Lockport	4/11/64
Patricia Dickerson	2626 Lockport	4/11/64
Josephine Lojik	2469 Lockport Rd.	4/11/64
Lewis H. Heuer	2435 Washington St. Niagara Falls	4/11/64
David Mante	2505 Washington St. Niagara Falls	4/11/64
Alfred B. Woodrich	2413 Niagara Rd. Niagara Falls	4/11/64
Art Woodrich	2413 Niagara Rd. N.Y.	4/11/64
Arthur Dubois	2288 Niagara Falls Blvd. N. Falls	4-11-64
Arthur Schoonover	2469 Niagara Rd. Niagara Falls N.Y.	4-11-64
L. E. Carlson	2978 Peace Rd. N. Tona.	4-11-64
Gordon Bagg	2359 Niagara Rd. Niagara Falls N.Y.	4-11-64
Chet Dery	2428 Stoelting St. N. Falls	" " "
A. Schimschack	6630 Schults St. Niagara Falls N.Y.	" " "
Hubert R. Zagaw	6635 Hunt St. Niagara Falls, N.Y.	4-11-64
Arthur H. Heuer	2362 Niagara Rd. Niagara Falls N.Y.	4-11-64
Natalie Camann	2474 Niagara Rd. Niagara Falls N.Y.	4-11-64
Miller C. Hageley	6645 Robt St. Niagara Falls N.Y.	4-11-64
Nathan Verchen	2390 Niagara Rd. Niagara Falls N.Y.	4-11-64
Roland E. Camann	2213 Cayuga Dr. East. Niagara Falls N.Y.	4-11-64
Willie Retzlaff	2626 Lockport Rd. Saratoga N.Y.	4-11-64
Terena Walck	2617 Lockport Rd. Saratoga N.Y.	4-11-64

Name

Address

Date

Benjamin G. Walsh 2617 Locust Road 4-12-68

**TO: THE TOWN BOARD OF THE TOWN OF WHEATFIELD, NIAGARA COUNTY,  
NEW YORK and THE STATE DEPARTMENT OF HEALTH and THEIR  
REPRESENTATIVES**

The undersigned being residents of the County of Niagara and State of New York, hereby register their opposition to the use of the 96-acre Frank Piroski farm on the north side of the Lockport Road as a site for sanitary land fill operations and refuse disposal.

Among the grounds for this opposition is the fact that the site in question is situate within a predominantly farming area where the intended use would create a menace to health and a devaluation of lands in the vicinity. Other areas more suitably situate undoubtedly are available.

Name	Address	Date
Crystal Michel	6211 Walmore Rd. Sanborn N.Y.	4/11/64
George Mielke	6109 Walmore Rd. Sanborn N.Y.	4-11-64
Florence Mielke	6109 Walmore Rd. Sanborn N.Y.	4-11-64
Earley Griffith	6112 Walmore Rd. Sanborn N.Y.	4-11-64
Linwood Griffith	6112 Walmore Rd. Sanborn N.Y.	4-11-64
Julia Gibson	6092 Walmore Rd. Sanborn N.Y.	4-11-64
John Raymond	6088 Walmore Rd. Sanborn, N.Y.	4-11-64
Earl Emons	6098 Walmore Rd. Sanborn N.Y.	4-11-64
Helen Purossa	6082 Walmore Rd. Sanborn, N.Y.	4/11/64
Joseph H. Purossa	6082 Walmore Rd. Sanborn, N.Y.	4/11/64
Martin F. Pfl	2388 Saunders Settle Rd. Sanborn N.Y.	4-11-64
David D. Hasley	2050 Saunders Settle Rd. Niagara Falls	
Gladys Schildhauer	Niagara Falls, N.Y.	4-12/64
Marcus Hasley	Sanborn N.Y.	4-12-64
Hermit Hasley	Sanborn N.Y.	4-12-64
Mr. William Galganski	North Tonawanda N.Y.	4/12/64
Mrs. Wm. Galganski	North Tonawanda N.Y.	4/12/64

<u>Name</u>	<u>Address</u>	<u>Date</u>
Maria Allen	6207 Walmore Rd.	4-12-64
Allen, Charles	6207 Walmore Rd.	4-12-64
Robert M. Lange	6291 Melville Cr. Soubon	4-12-64
Alice R. Lange	6291 Melville Cr. Soubon,	4-12-64
Sally Ann Walck	2238 Lackport Rd, Soubon	4-12-64
Charles Koenig	3219 Lpt. Rd. Soub.	4/12/64
Sigmond Pfohl	2115 Lackport Rd	4-12-64
Mrs. Luella Pfohl	2502 " "	4-12-64



TO: THE TOWN BOARD OF THE TOWN OF WHEATFIELD, NIAGARA COUNTY,  
NEW YORK and THE STATE DEPARTMENT OF HEALTH and THEIR  
REPRESENTATIVES

The undersigned being residents of the County of Niagara and State of New York, and members of the St. Peter's Evangelical Lutheran Church, hereby register their opposition to the use of the 96 acre Frank Piroski farm on the north side of the Lockport Road as a site for sanitary land fill operations and refuse disposal.

Among the grounds for this opposition is the fact that the site in question is situate within a predominantly farming area where the intended use would create a menace to health, a devaluation of lands in the vicinity, and be too close to a religious organization. Other areas more suitably situate undoubtedly are available.

Name	Address	Date
Herbert L. Boer	2595 Lockport Rd.	4-12-64
Edna Pfohl	2502 Lockport Rd.	4-12-64
Wallace Pfohl	2502 Lockport Rd.	4-12-64
Emily Ann Boer	2595 Lockport Rd.	4-12-64
Ben Wald	2617 Lockport Rd.	
Esmeralda Haselkey	3109 Lockport Rd.	4-12-64
Kenneth A. Bente	2515 Lockport Rd.	4-12-64
Louise Bente	2381 Lockport Rd.	4/12/64
Lyndale Bente	6219 Ward Road	4/12/64
Edwin W. Wolf	2198 Saunders Settlement Rd.	4/12-64
Leonard H. Bente	6219 Ward Road	4/12/64
Jan M. Camann	2462 Cayuga St.	4-12-64
Alice M. Wolf	2198 Saunders Settlement Rd.	4-12-64
Marion S. Camann	2462 Cayuga St.	4-12-64
Laura Halak	2617 Lockport Rd.	4-12-64
Gustav Pfohl	1785 Saunders Settlement Rd.	4-12-64
Anna Pfohl	1785 Saunders Settlement Rd. Lewiston	4-12-64

Name

Address

Date

Norman Haselby 2053 Niagara Falls N.Y.  
 Edwin North 2683 Lockport Rd. Danborn N.Y.  
 Herbert Jagan 6245 Ward Rd. Danborn, N.Y.  
 Arthur Wendt 6545 Ward Rd. Danborn N.Y.  
 Delbert Dendron 1906 Saunders Sett Niagara Falls N.Y.  
 Arthur Reftaff 2515 Lockport Rd. Danborn N.Y.  
 Adolph Pfohl 2540 Lockport Rd. Danborn N.Y.  
 Arnold Walck 3479 Lockport Rd. Danborn N.Y.  
 Portunus Wandt 2542 S. S. Rd. Danborn N.Y.  
 Howard Ellack 2251 Lockport Rd. " "  
 Allen E. Walck 620-69 34th St. Niagara Falls, N.Y.  
 Eve Walck 2171 Lockport Rd. Niagara Falls N.Y.  
 Paul A Walck 2171 Lockport Rd. Niagara Falls N.Y.  
 Louis Walck 5881 Miller Rd. Niagara Falls N.Y.  
 Donald Walck 4720 Lockport Rd. Lockport N.Y.  
 Louis M. Walck 3174 Lockport Rd. Danborn, N.Y.  
 Robert W. Moore 1953 Saunders Sett Rd., Niagara Falls, N.Y.  
 LaVern Haselby 8135 Lockport Rd. Niagara Falls N.Y.  
 Richard Dobberton 1960 Saunders Settlement Rd. Lewiston, N.Y.  
 Doris H. Miller 9645 Lockport Rd. Niagara Falls N.Y.  
 Ernest E Haselby 2010 Saunders Settlement Rd. Niagara Falls  
 Martin Millbridge 1894 Saunders Sett Rd. Niagara Falls  
 Richard Syder 6087 Hoover Rd. Danborn N.Y.  
 William Walck Danborn N.Y.  
 Philip C Walck 3971 Lockport Rd. Danborn N.Y.  
 Albert Kuenning Jr. 3165 Lockport Rd. Danborn N.Y.  
 Christine De Vanter 9645 Lockport Rd. Niagara Falls  
 Audrey M. Walck 2424 Lockport Rd. Danborn N.Y.  
 Hubert P Haselby Niagara Falls

Name	Address	Date
Thomas A. Walck	2424 Lockport Rd. Saratoga	4/11/64
Donald E. Rehner	3979 Lockport Rd. Saratoga	4/11/64
Ron Walck	3971 Lockport Rd. Saratoga	4/11/64
W. Clarke	Homer Rd. N. Tonawanda	
Samuel S. Wendt	4047 Lockport Ave. N. Tonawanda	4/11/64
Calvin S. Pohl	2540 Lockport Rd. Saratoga	4/11/64
Steve Stephens	6093 Ward Rd. Saratoga	4/11/64
Robert H. Haseley	2035 Lockport Rd. Niagara Falls	4/11/64
Edwin S. Walck	4727 Lockport Rd. Lockport N.Y.	4/11/64
Edgar H. Walck	2578 S. S. Rd. Saratoga N.Y.	4/11/64
William Haseley	2632 S. S. Rd. Saratoga N.Y.	4/11/64
John H. Haseley	2546 S. S. Rd. Saratoga N.Y.	4/11/64
Samuel H. Haseley	2632 S. S. Rd. Saratoga N.Y.	4/11/64
John H. Haseley	2620 S. S. Rd. Saratoga, N.Y.	4/11/64
Miss Elizabeth Haseley	2035 Lockport Rd. Niagara Falls N.Y.	
Mr. H. Lange	6138 Buel Rd. Saratoga, N.Y.	4/11/64
Mr. H. Lange	6138 Buel Rd. Saratoga, N.Y.	4/12/64
Mr. Edwin Buel	Saratoga, N.Y.	4-12-64
Mr. Adolph H. Haseley	Saratoga, N.Y.	4-12-64
Mr. + Mrs. Hubert Walck	Saratoga, N.Y.	4-12-64
Josephine Haseley	Saratoga, N.Y.	4-12-64
Frank E. Haseley	Saratoga, N.Y.	4-12-64
Emil Walck		4-12-64
Mr. David Haseley	Saratoga, N.Y.	4-12-64
Harold Haseley	2035 Buel Rd. Saratoga	4-12-64
Mr. + Mrs. Haseley	Wagon Rd. Saratoga	4-12-64
Mr. + Mrs. Mervin Haseley		
Mr. + Mrs. Edwin Walck	2666 Buel Rd. Saratoga N.Y.	
Melvin H. Pohl	2053 S. S. Rd. N.Y.	

1. 4:30 PM , 1 June, 1966

Wood Pile - Concret Blocks --  
Card Board - Planking - Crates

This Pile has not been touched  
for over two months



2. 4:40 PM, 1 June, 1966

Swamp - Tires, paper, wood,  
stench



STATE OF NEW YORK  
DEPARTMENT OF HEALTH

MEMORANDUM

February 20, 1962

To: Record

From: Mr. Tygart

Subject: Wheatfield Town Dump

On February 20, 1962, the writer visited the dump operated by the Town of Wheatfield to determine if it were possible that rats could be infesting the dump and being a nuisance in the area surrounding the dump. At the time of the inspection, the gate leading to the dump was locked. However, there was evidence that it had been opened during the day and that material had been deposited in the dump.

There was a considerable pile of burning material (tin cans, paper and other refuse). The dump showed every indication that it should be infested with rats. However, no tracks or other positive signs of rats were seen.

On speaking with one of the local residents he stated that the rats would leave the dump and spread throughout the area upon the burning of the material. He stated that upon occasion chickens and other livestock had been killed by the rats.

It is the opinion of the writer that a much more satisfactory operation could be maintained to receive the garbage and refuse from the Town of Wheatfield.

sp



STATE OF NEW YORK  
DEPARTMENT OF HEALTH

MEMORANDUM

January 12, 1968

To: Mr. Goodland

From: Mr. Ft. Pleasant

Subject: Current status of refuse Disposal Sites - Niagara County

During the latter part of December and the first part of January, the writer undertook a partial survey of refuse disposal sites in Niagara County. This was a follow up study intended to update the status of those dumps reported in a comprehensive survey described earlier. The following narrative briefly describes observations made during this survey.

TOWN OF CHESTER - This town has no refuse disposal sites due to Town Ordinance against same.

TOWN OF HATFIELD - This dump is operated by the Town Highway Department. An attempt is made at sanitary landfill. However, there does not appear to be too much organization in regard to layout and useage. It would appear that supervision of the site during open hours would eliminate occasional haphazard dumping in undesignated areas. There is some minor evidence of burning but it is not a consistent practice.

TOWN OF ROYALTON - (Bancroft & Sons) - This site is nothing more than an open dump. Burning is not practiced. However, there are huge accumulations of uncovered garbage. No apparent attempt has been made to comply with earlier suggestions and recommendations.

TOWN OF ROYALTON - This site has undoubtedly made the most progress of those described in the previous report. The appearance is much improved. Fencing and earth berms shield the site from observation. There is a locked gate and attendant during open hours. The site utilizes an old stone quarry and fill material is at a premium. The open face of the dump is judged too long in that it is in the shape of a large semi-circle. Burning is done in a receptacle which resembles an old converted oil drum. There is some mixed refuse disposed of at this site.

TOWN OF NICHOLS - This site practices burning of combustibles and at the time of inspection there were large accumulations of burnt debris which had not been covered. Mr. Bracken, who owns and operates the site for the town, maintains a separate location for what he terms garbage which in reality is mixed refuse. The second site which is located some 500 yards west consists of a trench into which the refuse is placed, burned and periodically covered. The owner has reported that he has had trouble with private collectors using this site without authorization. Operation normally consists of burning and pushing back of refuse along a wide face into an excavated area. The top grade is then covered. The site is easily observed from Chestnut Road.

TOWN OF LOCKPORT - The pit previously used has been filled and at present there is a large accumulation of uncovered, unburned refuse. Blowing papers still appeared to be somewhat of a problem.

TOWN OF FAIRPORT - This town does not have a refuse disposal site due to prohibiting town ordinance.

TOWN OF WILSON - The Town of Wilson still operates a refuse disposal site with the Town of Cambria at a site located in the Town of Wilson, off Chestnut Road about a half a mile. The site is remotely situated and an attempt is made at a sanitary landfill operation. It appears that there is a problem of drainage, since water was noticed in several excavations. Covering of the refuse could be more frequent. Burning was not noticed to be a consistent practice.

TOWN OF PORTER - There is no known refuse disposal site in the Town of Porter due to prohibiting town ordinances.

TOWN OF LEWISTON - The refuse disposal site operated by the Highway Department for the Town of Lewiston is essentially a sanitary landfill, however, burning of the refuse is practiced; compaction is done and finally a covering is provided for it. However as was noted in the earlier report, the covering material is blue clay which does not lend itself readily to compaction. At the time of inspection the site had a large accumulation of refuse and no evidence of recent covering was observed.

TOWN OF NIAGARA - The Town of Niagara operates a refuse disposal site on Lockport Road. At the time of inspection smoldering fires were observed and have been common in the past. There was no equipment at the site nor was an attendant on duty. There was a large accumulation of uncovered burnt and burning refuse and debris. People were observed dumping mixed refuse on the ground and igniting it. Fires from this site in the past have produced thick malodorous smoke over the Expressway which is adjacent to the site. This condition could be described as hazardous.

TOWN OF WHEATFIELD - This site appears to have been operated satisfactorily in the past. However, the current inspection revealed large amounts of uncovered refuse on the ground. The refuse had been spread, but had not yet been covered. It appeared that it may have been compacted. The conditions noted could be termed a nuisance since the current portion of the site utilized is immediately adjacent to backyards of residences on Forbes Terrace. Burning is not practiced.

*R.C. Mt. Pleasant*





4. 5:10 PM, 1 June, 1966



Overlooking debris to be covered. Being dozed into swamp.  
Spongy ground.

3. 4:50 PM, 1 June, 1966



Area being filled with  
dumped garbage — was told  
it would be covered before  
evening



6. 5:15 PM, 1 June, 1966

New load of garbage -  
Operator said it would be  
dozed and covered before going  
home.



5. June 1, 1966

Trench approximately 4 to  
6 inches deep—filled with  
seepage water 4 to 6 inches--  
debris, tires, etc.



7. 10:15 AM, June 2, 1966

View of load of garbage at  
10:15 AM. Some of debris  
recognized as having been  
dumped the previous night.



8. 10:20 AM, June 2, 1966

View of same pile of  
garbage (no.7)  
South View



10. 10:50 AM, June 2, 1966

Ditch - Lengthwise to dump

Lumber, Planks, Boxes,  
Cardboard, Swamp, Stagnant  
water.



9. 10:40 AM, June 2, 1966

View of general area - section  
9 on sketch-this has been  
untouched for 2 or 3 weeks.



12. 11:10 AM, June 2, 1966

General View of North West corner - Untouched for several weeks.



11. 11:05 AM, June 2, 1966

General View of north west corner - This area has been untouched for 2 or 3 weeks.

**APPENDIX B**

***SAMPLE COORDINATES***



**Appendix B**  
**Sample Coordinates**

Location	Type	Latitude	Longitude
SED-1	Surface Soil/Sediment	43.06961088	-78.85557454
SOIL-1	Surface Soil	43.06868558	-78.85520519
SOIL-2	Surface Soil	43.06808524	-78.85695782
SOIL-3	Surface Soil	43.06809858	-78.85882402
SOIL-4	Surface Soil	43.06831417	-78.86113033
SOIL-5	Surface Soil	43.06890421	-78.85987903
SOIL-6	Surface Soil	43.0689467	-78.85547862
SOIL-7	Surface Soil	43.06897436	-78.85527726
SOIL-8	Surface Soil	43.06877695	-78.85572179
SOIL-9	Surface Soil	43.06907716	-78.85685905
SOIL-10	Surface Soil	43.06943267	-78.85709885
SOIL-11	Surface Soil	43.06895287	-78.85506635
SW-1	Surface Water	43.06961779	-78.85558089
SW-2	Surface Water	43.0694895	-78.85589276
SW-3	Surface Water	43.0691745	-78.85505667
SW-4	Surface Water	43.06943267	-78.85709885
SW-5	Surface Water	43.06948348	-78.85746371
SW-6	Surface Water	43.06966894	-78.85451219
SW-7	Surface Water	43.06903826	-78.85483419
SB-A	Soil Boring	43.06868977	-78.85524029
SB-B	Soil Boring	43.06899465	-78.85519704
SB-C	Soil Boring	43.06888536	-78.85498069
SB-D	Soil Boring	43.06909911	-78.85478345
SB-E	Soil Boring	43.0693564	-78.8549032
SB-F	Soil Boring	43.06879329	-78.85556466
SB-G	Soil Boring	43.06894666	-78.85652716
SB-H	Soil Boring	43.06904923	-78.85522189
SB-I	Soil Boring	43.06891663	-78.85510548
SB-J	Soil Boring	43.06904399	-78.85531241
SB-K	Soil Boring	43.06876811	-78.85523351
SB-L	Soil Boring	43.06884645	-78.85522672
SB-M	Soil Boring	43.0690453	-78.85514939
OW-1	Monitoring Well	43.06948401	-78.85488963
OW-1B	Monitoring Well	43.06946838	-78.85489955
OW-2	Monitoring Well	43.06950187	-78.85553953
OW-3	Monitoring Well	43.06852938	-78.85480636
OW-4	Monitoring Well	43.06949306	-78.85816187
OW-5	Monitoring Well	43.0686478	-78.85900857
OW-6	Monitoring Well	43.06883476	-78.86054689
OW-11	Monitoring Well	43.06908927	-78.8552697
OW-12	Monitoring Well	43.06892364	-78.85524397
OW-13	Monitoring Well	43.06897301	-78.85580011
OW-14A	Monitoring Well	43.0694299	-78.85574277
OW-14B	Monitoring Well	43.06933398	-78.85570412
OW-15	Monitoring Well	43.06948301	-78.85816652
OW-16	Monitoring Well	43.06881319	-78.86047806
OW-21	Monitoring Well	43.06909911	-78.85478345
OW-22	Monitoring Well	43.06888536	-78.85498069
OW-23	Monitoring Well	43.06879329	-78.85556466
OW-24	Monitoring Well	43.06868977	-78.85524029
OW-25	Monitoring Well	43.06899465	-78.85519704



**APPENDIX C**

***LABORATORY ANALYTICAL REPORTS***

***(SEE ATTACHED CD)***





## **APPENDIX D**

### ***SOIL BORING LOGS/MONITORING WELL CONSTRUCTION INFORMATION***



# SOIL BORING LOG

ID NO. **SB-A/OW-24**



Groundwater & Environmental Services, Inc.

Page 1 of 1

PROJECT: <b>Nash Rd Landfill, Site #932054</b>	SURFACE ELEV.: _____	TOTAL DEPTH: <b>20 ftbg</b>
ADDRESS: <b>Wheatfield, New York</b>	WATER DEPTH: _____	CASING EL.: _____
JOB NO. <b>0901536</b>	BOREHOLE DIA.: <b>8 in.</b>	WELL DIA.: <b>2 in.</b>


Logged By: <b>E. Popken</b>	Drilling Method: <b>Direct Push / 4.25 in. Hollow Stem Auger</b>
Dates Drilled: <b>6/3/13</b>	Sampling Method: <b>Macro Core</b>
Drilling Company: <b>Quality Inspection Services</b>	Soil Class. System: <b>Burmister</b>
Drill Rig Type: <b>Acker Soil Scout</b>	Field Screening: <b>MiniRae 2000 PID w/10.6 eV lamp (PPM)</b>


Depth (feet)	Sample Interval	Field Screen	Blow Counts	Rec.	SAMPLE LITHOLOGY	COMMENTS	COMPLETION DETAILS
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0	S#1, 0-4'	8.1	NA	4.0/4.0	 Fill - Brown & Gray Clayey Silt, some f-m Sand, trace organics, trace debris (plastic, glass). Moist to wet.	Lab sample collected 0-4'	4" Steel protective standpipe set in concrete
5	S#2, 4-8'	NC		0/4.0'	No recovery 4-8'. Macro-core liner is wet.	Composite lab sample collected from 4-8' and 8-12' due to poor recovery.	2" PVC riser to approx 2 ft above surface Hydrated bentonite chips
10	S#3, 8-12'	4.8		0.1/4.0'	Very Poor Recovery. Fill - Debris, Metal, Wood, f-c, Sand, Black, saturated, slight petroleum odor.	While augering, clay cuttings brought to surface when augers were at 8-10 ftbg. Likely that Clay begins in this interval. Material in S#3 was slough from shallower depth.	#00N Silica Sand Filter Sand
15	S#4, 12-16'	1.2		0.2/4.0'	Very Poor Recovery. Dark Gray f-m Sand, Saturated. Brown-Gray Clay at 16' (in sample tip).		2" PVC, 10 slot screen 5-10'
20	S#5, 16-20'	NC		0/4.0'	 No Recovery, only water in Macro-core sleeve, brown Clay smeared on outside of Macro-core casing. Assume sample slipped out due to saturated conditions.	Boring Terminated at 20'	

<u>Location:</u>	<u>General Comments:</u>
Northing/Latitude: _____	ftbg = Feet Below Grade
Easting/Longitude: _____	NC = Not Collected
Horizontal Datum: <b>Lat/Long</b>	
Vertical Datum: <b>Assumed 100 ft. elev. benchmark</b>	

Symbol Key:

Apparent Water Level 

Lab Sample Location 



# SOIL BORING LOG

ID NO. SB-B/OW-25

Groundwater & Environmental Services, Inc.

Page 1 of 1

PROJECT: <b>Nash Rd Landfill, Site #932054</b>	SURFACE ELEV.: _____	TOTAL DEPTH: <b>20 ftbg</b>
ADDRESS: <b>Wheatfield, New York</b>	WATER DEPTH: _____	CASING EL.: _____
JOB NO. <b>0901536</b>	BOREHOLE DIA.: <b>8 in.</b>	WELL DIA.: <b>2 in.</b>

Logged By: <b>E. Popken</b>	Drilling Method: <b>Direct Push / 4.25 in. Hollow Stem Auger</b>
Dates Drilled: <b>6/3/13</b>	Sampling Method: <b>Macro Core</b>
Drilling Company: <b>Quality Inspection Services</b>	Soil Class. System: <b>Burmister</b>
Drill Rig Type: <b>Acker Soil Scout</b>	Field Screening: <b>MiniRae 2000 PID w/10.6 eV lamp (PPM)</b>

Depth (feet)	Sample Interval	Field Screen	Blow Counts	Rec.	SAMPLE LITHOLOGY	COMMENTS	COMPLETION DETAILS
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0	S#1, 0-4'	656	NA	3.0/4.0	Brown, Hard, Silty Clay, trace organics. Strong solvent odor. Dry. Large Gravel at surface.	Lab sample collected 0-4'	4" Steel protective standpipe set in concrete
5	S#2, 4-8'	145		4.0/4.0	Gray, soft, Silty Clay, trace fine sand, trace organics, trace gravel. Strong solvent odor. Moist.		2" PVC riser to approx 2 ft above surface
10	S#3, 8-12'	35.7		4.0/4.0	Gray, soft, Silty Clay, trace fine sand, trace organics, trace gravel. Strong solvent odor. Moist to wet.	Lab sample collected 10-11'	Hydrated bentonite chips
		170					
		103			Black-gray, fine to coarse Sand, and silty Clay. Moist to wet.		
	S#4, 12-16'	124		4.0/4.0	Brown, CLAY, wet.		#00N Silica Sand Filter Sand
					Gray, CLAY, slight solvent odor. Moist to wet.		2" PVC, 10 slot screen 7-12'
15		103			Brown, CLAY, hard, trace organics. Dry to moist.		
	S#5, 16-20'	22.6		4.0/4.0	Brown, CLAY, hard, trace organics, trace fine gravel, trace f-c sand. Wet		
20						Boring Terminated at 20'	

Location:

Northing/Latitude: \_\_\_\_\_

Easting/Longitude: \_\_\_\_\_

Horizontal Datum: **Lat/Long**

Vertical Datum: **Assumed 100 ft. elev. benchmark**

General Comments:

ftbg = Feet Below Grade

NC = Not Collected

Symbol Key:

Apparent Water Level

Lab Sample Location

SB-B/OW-25

p. 1 of 1



# SOIL BORING LOG

ID NO. SB-C/OW-22

Groundwater & Environmental Services, Inc.

Page 1 of 1

PROJECT: Nash Rd Landfill, Site #932054  
ADDRESS: Wheatfield, New York  
JOB NO. 0901536



SURFACE ELEV.:  
WATER DEPTH:  
BOREHOLE DIA.: 8 in.

TOTAL DEPTH: 12 ftbg  
CASING EL.:  
WELL DIA.: 2 in.

Logged By: E. Popken  
Dates Drilled: 6/3/13  
Drilling Company: Quality Inspection Services  
Drill Rig Type: Acker Soil Scout

Drilling Method: Direct Push / 4.25 in. Hollow Stem Auger  
Sampling Method: Macro Core  
Soil Class. System: Burmister  
Field Screening: MiniRae 2000 PID w/10.6 eV lamp (PPM)

Depth (feet)	Sample Interval	Field Screen	Blow Counts	Rec.	SAMPLE LITHOLOGY	COMMENTS	COMPLETION DETAILS
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0	S#1, 0-4'	4.1	NA	2.0/4.0		Fill - Brown, Silty Clay, trace to little f-c Sand & f-c Gravel, trace debris, trace organics. Moist	4" Steel protective standpipe set in concrete
5	S#2, 4-8'	4.7		0/4.0'		No Recovery 4-8'. Collected slough from S#3 for field screening, presumed from 4-8 interval. Slough consisted of a mixture of Fill and sand.	2" PVC riser to approx 2 ft above surface Hydrated bentonite chips
10	S#3, 8-12'	0.4		4.0/4.0		Brown, Clay, trace Silt. Faint solvent odor. Moist.	#00N Silica Sand Filter Sand 2" PVC, 10 slot screen 3-8'
						Boring Terminated at 12'	

Location:

Northing/Latitude:

Easting/Longitude:

Horizontal Datum: Lat/Long

Vertical Datum: Assumed 100 ft. elev. benchmark

General Comments:

ftbg = Feet Below Grade

NC = Not Collected

Symbol Key:

Apparent Water Level 

Lab Sample Location 

SB-C/OW-22

p. 1 of 1



# SOIL BORING LOG

ID NO. SB-D/OW-21

Groundwater & Environmental Services, Inc.

Page 1 of 1

PROJECT: Nash Rd Landfill, Site #932054  
ADDRESS: Wheatfield, New York  
JOB NO. 0901536

SURFACE ELEV.:  
WATER DEPTH:  
BOREHOLE DIA.: 8 in.

TOTAL DEPTH: 12 ftbg  
CASING EL.:  
WELL DIA.: 2 in.

Logged By: E. Popken  
Dates Drilled: 6/3/13  
Drilling Company: Quality Inspection Services  
Drill Rig Type: Acker Soil Scout

Drilling Method: Direct Push / 4.25 in. Hollow Stem Auger  
Sampling Method: Macro Core  
Soil Class. System: Burmister  
Field Screening: MiniRae 2000 PID w/10.6 eV lamp (PPM)

Depth (feet)	Sample Interval	Field Screen	Blow Counts	Rec.	SAMPLE LITHOLOGY	COMMENTS	COMPLETION DETAILS
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0	S#1, 0-4'	2.7	NA	3.5/4.0	Gray, Silty Clay. Moist		4" Steel protective standpipe set in concrete
					Tan-Brown, fine to medium Sand, little to some Silt, trace organics. Moist		2" PVC riser to approx 2 ft above surface
5	S#2, 4-8'	0.5		4.0/4.0	Tan-Brown, fine to medium Sand. Saturated.	Lab sample collected 4-8'.	Hydrated bentonite chips
		0.1			Brown Clay. Hard.		#00N Silica Sand Filter Sand
10	S#3, 8-12'	0.0		3.0/4.0			2" PVC, 10 slot screen 3-8'
						Boring Terminated at 12'	

Location:

Northing/Latitude:

Easting/Longitude:

Horizontal Datum: Lat/Long

Vertical Datum: Assumed 100 ft. elev. benchmark

General Comments:

ftbg = Feet Below Grade

NC = Not Collected

Symbol Key:

Apparent Water Level

Lab Sample Location





# SOIL BORING LOG

ID NO. **SB-E**

Groundwater & Environmental Services, Inc.

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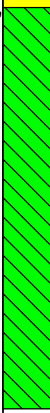
PROJECT: **Nash Rd Landfill, Site #932054**  
ADDRESS: **Wheatfield, New York**  
JOB NO. **0901536**

SURFACE ELEV.:  
WATER DEPTH:  
BOREHOLE DIA.: **3 in.**

TOTAL DEPTH: **12 ftbg**  
CASING EL.:  
WELL DIA.:

Logged By: **E. Popken**  
Dates Drilled: **6/3/13**  
Drilling Company: **Quality Inspection Services**  
Drill Rig Type: **Acker Soil Scout**

Drilling Method: **Direct Push**  
Sampling Method: **Macro Core**  
Soil Class. System: **Burmister**  
Field Screening: **MiniRae 2000 PID w/10.6 eV lamp (PPM)**

Depth (feet)	Sample Interval	Field Screen	Blow Counts	Rec.	SAMPLE LITHOLOGY	COMMENTS	COMPLETION DETAILS
0	S#1, 0-4'	0.2	NA	3.0/4.0		FILL - Brown, Clayey Silt, little-some debris (plastic, glass, metal), little f-c sand & gravel. Moist.	
5	S#2, 4-8'	1.4		0.8/4.0		Tan, f-m Sand, trace debris (possible slough). Wet-saturated.	Lab sample collected 4-8'.
10	S#3, 8-12'	0.0		4.0/4.0		Brown, Clay. Hard. Moist.	
						Boring Terminated at 12'	

Location:

Northing/Latitude:

Easting/Longitude:

Horizontal Datum: **Lat/Long**


Vertical Datum: **Assumed 100 ft. elev. benchmark**

General Comments:

ftbg = Feet Below Grade

NC = Not Collected

Symbol Key:

Apparent Water Level 

Lab Sample Location 

SB-E

p. 1 of 1



# SOIL BORING LOG

ID NO. SB-F/MW-23

Groundwater & Environmental Services, Inc.

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PROJECT: Nash Rd Landfill, Site #932054  
ADDRESS: Wheatfield, New York  
JOB NO. 0901536

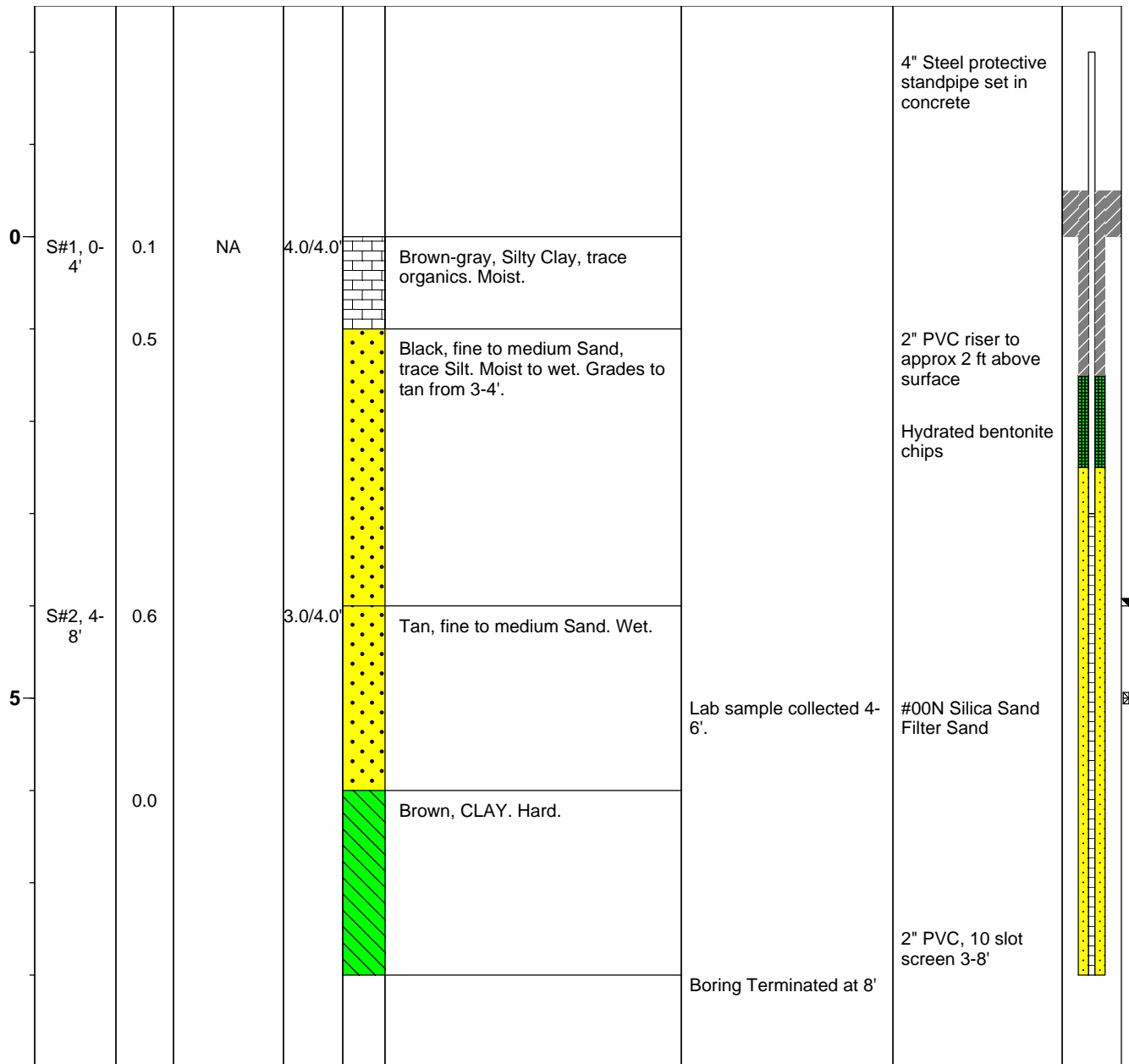
SURFACE ELEV.:  
WATER DEPTH:  
BOREHOLE DIA.: 8 in.

TOTAL DEPTH: 8 ftbg  
CASING EL.:  
WELL DIA.: 2 in.

Logged By: E. Popken  
Dates Drilled: 6/3/13  
Drilling Company: Quality Inspection Services  
Drill Rig Type: Acker Soil Scout

Drilling Method: Direct Push / 4.25 in. Hollow Stem Auger  
Sampling Method: Macro Core  
Soil Class. System: Burmister  
Field Screening: MiniRae 2000 PID w/10.6 eV lamp (PPM)

Depth (feet)	Sample Interval	Field Screen	Blow Counts	Rec.	SAMPLE LITHOLOGY	COMMENTS	COMPLETION DETAILS
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Location:

Northing/Latitude:

Easting/Longitude:

Horizontal Datum: Lat/Long

Vertical Datum: Assumed 100 ft. elev. benchmark

General Comments:

ftbg = Feet Below Grade

NC = Not Collected

Symbol Key:

Apparent Water Level

Lab Sample Location



SB-F/MW-23

p. 1 of 1



# SOIL BORING LOG




ID NO. SB-G

Groundwater & Environmental Services, Inc.



Page 1 of 1

PROJECT: Nash Rd Landfill, Site #932054 SURFACE ELEV.: TOTAL DEPTH: 8 ftbg  
ADDRESS: Wheatfield, New York WATER DEPTH: CASING EL.:  
JOB NO. 0901536 BOREHOLE DIA.: 3 in. WELL DIA.:

Logged By: E. Popken Drilling Method: Direct Push  
Dates Drilled: 6/4/13 Sampling Method: Macro Core  
Drilling Company: Quality Inspection Services Soil Class. System: Burmister  
Drill Rig Type: Acker Soil Scout Field Screening: MiniRae 2000 PID w/10.6 eV lamp (PPM)

Depth (feet)	Sample Interval	Field Screen	Blow Counts	Rec.	SAMPLE LITHOLOGY	COMMENTS	COMPLETION DETAILS
0	S#1, 0-4'	0.6	NA	1.0/4.0	 Fill - Brown-Gray, Clayey Silt, little fine to coarse Sand, trace to little debris (plastic, wood). Dry to moist.		
	S#2, 4-8'	1.5		4.0/4.0	 Brown, fine to medium Sand, trace Silt. Wet.	Lab sample collected 4-7'.	
5					 Brown, CLAY. Hard. Moist.		
						Boring Terminated at 8'	

Location: Northing/Latitude: Easting/Longitude: Horizontal Datum: Lat/Long  
Vertical Datum: Assumed 100 ft. elev. benchmark  
General Comments: ftbg = Feet Below Grade  
NC = Not Collected

Symbol Key:  
Apparent Water Level   
Lab Sample Location 

SB-G

p. 1 of 1





# SOIL BORING LOG




ID NO. **SB-H**

Groundwater & Environmental Services, Inc.

Page 1 of 1


PROJECT: <b>Nash Rd Landfill, Site #932054</b>	SURFACE ELEV.: _____	TOTAL DEPTH: <b>12 ftbg</b>
ADDRESS: <b>Wheatfield, New York</b>	WATER DEPTH: _____	CASING EL.: _____
JOB NO. <b>0901536</b>	BOREHOLE DIA.: <b>3 in.</b>	WELL DIA.: _____


Logged By: <b>E. Popken</b>	Drilling Method: <b>Direct Push</b>
Dates Drilled: <b>6/5/13</b>	Sampling Method: <b>Macro Core</b>
Drilling Company: <b>Quality Inspection Services</b>	Soil Class. System: <b>Burmister</b>
Drill Rig Type: <b>Acker Soil Scout</b>	Field Screening: <b>MiniRae 2000 PID w/10.6 eV lamp (PPM)</b>

Depth (feet)	Sample Interval	Field Screen	Blow Counts	Rec.	SAMPLE LITHOLOGY	COMMENTS	COMPLETION DETAILS
0	S#1, 0-4'	940	NA	2.0/4.0	 Fill - Brown Silty Clay, and debris, trace organics, little fine to coarse gravel, little fine to coarse Sand. Slight solvent odor. Moist.		
5	S#2, 4-8'	1,214		2.0/4.0	 Fill - Same as above. Dark NAPL observed.	Lab sample collected 4-8'.	
10	S#3, 8-12'	1,035		1.0/4.0	 Fill - Same as above. Dark NAPL observed. Dark, viscous NAPL also observed. Refusal at 10 ftbg.	Lab sample collected 8-10'.	
						Refusal at 10'. Reason unknown.	

<u>Location:</u>	<u>General Comments:</u>
Northing/Latitude:	ftbg = Feet Below Grade
Easting/Longitude:	NC = Not Collected
Horizontal Datum: <b>Lat/Long</b>	
Vertical Datum: <b>Assumed 100 ft. elev. benchmark</b>	

Symbol Key:

Apparent Water Level 

Lab Sample Location 

**SB-H**

p. 1 of 1



# SOIL BORING LOG

ID NO. SB-I

Groundwater & Environmental Services, Inc.

Page 1 of 1

PROJECT: Nash Rd Landfill, Site #932054  
ADDRESS: Wheatfield, New York  
JOB NO. 0901536

SURFACE ELEV.:  
WATER DEPTH:  
BOREHOLE DIA.: 3 in.

TOTAL DEPTH: 8 ftbg  
CASING EL.:  
WELL DIA.:

Logged By: E. Popken  
Dates Drilled: 6/6/13  
Drilling Company: Quality Inspection Services  
Drill Rig Type: Acker Soil Scout

Drilling Method: Direct Push  
Sampling Method: Macro Core  
Soil Class. System: Burmister  
Field Screening: MiniRae 2000 PID w/10.6 eV lamp (PPM)

Depth (feet)	Sample Interval	Field Screen	Blow Counts	Rec.	SAMPLE LITHOLOGY	COMMENTS	COMPLETION DETAILS
0	S#1, 0-4'	5.3	NA	4.0/4.0	Brown, Clayey Silt, trace to little fine Sand. Moist.		
		6.2			Fill - Debris (plastic, glass, f-c Sand & Gravel). Tan-brown, fine to medium Sand, little-some Silt. Moist to wet.		
	S#2, 4-8'	10.8		4.0/4.0		Lab sample collected 4-7'.	
5		1.3			Gray, CLAY. Moist.		
						Boring Terminated at 8 ftbg.	

Location:

Northing/Latitude:

Easting/Longitude:

Horizontal Datum: Lat/Long

Vertical Datum: Assumed 100 ft. elev. benchmark

General Comments:

ftbg = Feet Below Grade

NC = Not Collected

Symbol Key:

Apparent Water Level

Lab Sample Location



SB-I

p. 1 of 1



# SOIL BORING LOG


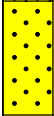

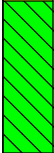
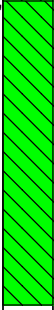
ID NO. SB-J

Groundwater & Environmental Services, Inc.



Page 1 of 1

PROJECT: Nash Rd Landfill, Site #932054 SURFACE ELEV.: TOTAL DEPTH: 16 ftbg  
ADDRESS: Wheatfield, New York WATER DEPTH: CASING EL.:  
JOB NO. 0901536 BOREHOLE DIA.: 3 in. WELL DIA.:

Logged By: E. Popken Drilling Method: Direct Push  
Dates Drilled: 6/6/13 Sampling Method: Macro Core  
Drilling Company: Quality Inspection Services Soil Class. System: Burmister  
Drill Rig Type: Acker Soil Scout Field Screening: MiniRae 2000 PID w/10.6 eV lamp (PPM)

Depth (feet)	Sample Interval	Field Screen	Blow Counts	Rec.	SAMPLE LITHOLOGY	COMMENTS	COMPLETION DETAILS
0	S#1, 0-4'	439	NA	4.0/4.0	 Fill - Brown, Silty Clay, trace organics, occasional layers of clayey silt, trace debris (glass, metal, plastic). Slight solvent odor. Moist.	Lab sample collected 0-4'.	
		139			 Gray, f-m Sand, little-some Silt. Slight solvent odor. Moist to wet.		
5	S#2, 4-8'	NC		0/4.0'	No Recovery 4-8'. Slight solvent odor on Macro-core sleeve.	Lab sample collected 8-10'	
10	S#3, 8-12'	249		4.0/4.0	 Gray, fine to medium Sand, some silt, trace clay. Solvent odor. Wet.		
		181			 Brown, Clay. Medium stiffness. Slight solvent odor. Moist.		
15	S#4, 12-16'	1.9		4.0/4.0	 Reddish-brown, CLAY. Soft-medium hardness, plastic. Moist.	Boring Terminated at 16 ftbg.	

Location: Northing/Latitude: Easting/Longitude: Horizontal Datum: Lat/Long Vertical Datum: Assumed 100 ft. elev. benchmark  
General Comments: ftbg = Feet Below Grade NC = Not Collected

Symbol Key:  
Apparent Water Level   
Lab Sample Location 

SB-J

p. 1 of 1



# SOIL BORING LOG

ID NO. **SB-K**

Groundwater & Environmental Services, Inc.

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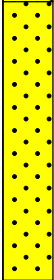
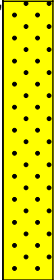
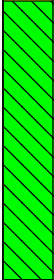
PROJECT: **Nash Rd Landfill, Site #932054**  
ADDRESS: **Wheatfield, New York**  
JOB NO. **0901536**

SURFACE ELEV.:  
WATER DEPTH:  
BOREHOLE DIA.: **3 in.**

TOTAL DEPTH: **8 ftbg**  
CASING EL.:  
WELL DIA.:

Logged By: **E. Popken**  
Dates Drilled: **6/6/13**  
Drilling Company: **Quality Inspection Services**  
Drill Rig Type: **Acker Soil Scout**

Drilling Method: **Direct Push**  
Sampling Method: **Macro Core**  
Soil Class. System: **Burmister**  
Field Screening: **MiniRae 2000 PID w/10.6 eV lamp (PPM)**

Depth (feet)	Sample Interval	Field Screen	Blow Counts	Rec.	SAMPLE LITHOLOGY	COMMENTS	COMPLETION DETAILS
0	S#1, 0-4'	0.4	NA	4.0/4.0		Fill, brown silty clay, trace organics, trace debris, no odor, moist	
		9.5				Tan-brown, fine to medium sand, little silt, moist	Lab sample collected 2-4'.
	S#2, 4-8'	5.4		4.0/4.0		Tan-brown, fine to medium sand, little silt, moist, from 5-6 begins to grade to sandy silt	
5		0.0				Brown clay, hard, no odor	
						Boring Terminated at 8 ftbg.	

Location:

Northing/Latitude:

Easting/Longitude:

Horizontal Datum: **Lat/Long**


Vertical Datum: **Assumed 100 ft. elev. benchmark**

General Comments:

ftbg = Feet Below Grade

NC = Not Collected

Symbol Key:

Apparent Water Level 

Lab Sample Location 

**SB-K**

p. 1 of 1



# SOIL BORING LOG

ID NO. **SB-L**

Groundwater & Environmental Services, Inc.

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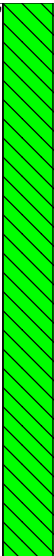
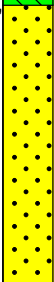
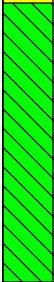
PROJECT: **Nash Rd Landfill, Site #932054**  
ADDRESS: **Wheatfield, New York**  
JOB NO. **0901536**

SURFACE ELEV.:  
WATER DEPTH:  
BOREHOLE DIA.: **3 in.**

TOTAL DEPTH: **8 ftbg**  
CASING EL.:  
WELL DIA.:

Logged By: **E. Popken**  
Dates Drilled: **6/6/13**  
Drilling Company: **Quality Inspection Services**  
Drill Rig Type: **Acker Soil Scout**

Drilling Method: **Direct Push**  
Sampling Method: **Macro Core**  
Soil Class. System: **Burmister**  
Field Screening: **MiniRae 2000 PID w/10.6 eV lamp (PPM)**

Depth (feet)	Sample Interval	Field Screen	Blow Counts	Rec.	SAMPLE LITHOLOGY	COMMENTS	COMPLETION DETAILS
0	S#1, 0-4'	40.1	NA	0.5/4.0	 Brown-gray, CLAY, trace Silt. Hard. Moist.		
						Lab sample collected 0-4'.	
	S#2, 4-8'	8.2		4.0/4.0	 Gray, fine Sand, little-some Silt. Moist to Wet.		
5		0.4			 Gray, CLAY. Hard. Moist.		
						Boring Terminated at 8 ftbg.	

Location:

Northing/Latitude:

Easting/Longitude:

Horizontal Datum: **Lat/Long**

Vertical Datum: **Assumed 100 ft. elev. benchmark**

General Comments:

ftbg = Feet Below Grade

NC = Not Collected

Symbol Key:

Apparent Water Level 

Lab Sample Location 

**SB-L**

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# SOIL BORING LOG




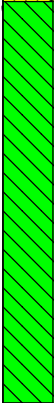
ID NO. SB-M

Groundwater & Environmental Services, Inc.

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PROJECT: <b>Nash Rd Landfill, Site #932054</b>	SURFACE ELEV.: _____	TOTAL DEPTH: <b>12 ftbg</b>
ADDRESS: <b>Wheatfield, New York</b>	WATER DEPTH: _____	CASING EL.: _____
JOB NO. <b>0901536</b>	BOREHOLE DIA.: <b>3 in.</b>	WELL DIA.: _____

Logged By: <b>E. Popken</b>	Drilling Method: <b>Direct Push</b>
Dates Drilled: <b>6/6/13</b>	Sampling Method: <b>Macro Core</b>
Drilling Company: <b>Quality Inspection Services</b>	Soil Class. System: <b>Burmister</b>
Drill Rig Type: <b>Acker Soil Scout</b>	Field Screening: <b>MiniRae 2000 PID w/10.6 eV lamp (PPM)</b>

Depth (feet)	Sample Interval	Field Screen	Blow Counts	Rec.	SAMPLE LITHOLOGY	COMMENTS	COMPLETION DETAILS
0	S#1, 0-4'	0.6	NA	0.1/4.0	 Fill - Tan/brown, fine to coarse Sand, and fine to coarse Gravel, trace debris (glass), trace clay. Moist.		
5	S#2, 4-8'	100		2.0/4.0	 Fill - Grey Clay and Silt, some fine to coarse Sand, trace organics, soil exhibits pattern of re-worked soil fill. Slight solvent odor. Wet.	Lab sample collected 4-8'.	
10	S#3, 8-12'	4.2		3.0/4.0	 Red-brown, Clay. Medium Hardness.		
						Boring Terminated at 12 ftbg.	

Location:

Northing/Latitude: \_\_\_\_\_

Easting/Longitude: \_\_\_\_\_

Horizontal Datum: **Lat/Long**

Vertical Datum: **Assumed 100 ft. elev. benchmark**

General Comments:

ftbg = Feet Below Grade

NC = Not Collected

Symbol Key:

Apparent Water Level 

Lab Sample Location 

SB-M

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**APPENDIX E**

***MONITORING WELL DEVELOPMENT DATA***

Nash Road Landfill  
Nash Road  
Wheatfield, New York



Appendix E  
Monitoring Well Development Data

Well	Date	Depth to Water (ft btoc)	Total Depth (ft btoc before development)	Total Depth (ft btoc after development)	Chemistry Readings Collected (pre or post development)	Conductivity (mS/cm)	Temperature (°C)	pH	Turbidity (NTU)	ORP (mV)	Purge Volume (Gallons)
OW-1	7/26/2013	2.53	10.52	10.54	Pre-development	1.64	17.90	6.85	79.2	39	3.0
					Post-development	1.84	16.34	6.94	274	28	well purged dry
OW-2	7/26/2013	2.05	10.52	10.55	Pre-development	1.29	20.99	7.56	10.7	-67	2.0
					Post-development	3.83	16.72	7.77	>1000	-57	well purged dry
OW-11	7/26/2013	3.49	12.30	N/A	N/A	0.853	18.34	8.00	122.0	-39	N/A
					Well bent or broken at 4.9 feet from TOC, did not purge, as tooling did not fit past bend/break						
OW-13	7/26/2013	3.53	7.74	8.01	Pre-development	2.79	18.22	7.27	62.5	67	1.25
					Post-development	2.90	17.59	7.14	607	64	well purged dry
OW-14B	7/26/2013	4.70	9.02	7.21	Pre-development	1.92	20.35	7.40	18.0	-20	8.0
					Post-development	1.53	20.52	7.54	243	29	well purged dry
					Well may have been broken during surging, during well development. Filter sand in well.						
OW-16	7/26/2013	5.63	12.87	12.89	Pre-development	2.16	17.15	6.92	94.0	-9	NR
					Post-development	2.18	14.11	6.94	NR	-15	
OW-21	7/26/2013	3.97	10.19	10.25	Pre-development	1.08	18.10	6.84	112	37	2.75
					Post-development	1.80	17.45	6.92	>1000	51	well purged dry
OW-22	7/26/2013	3.20	10.25	10.26	Pre-development	1.15	17.58	7.12	943	-36	20.00
					Post-development	1.15	17.06	6.92	903	-18	
OW-23	7/26/2013	4.48	10.10	10.10	Pre-development	2.50	17.45	6.50	>499	30	1.75
					Post-development	2.32	16.30	6.65	1,000	11	well purged dry
OW-24	7/26/2013	4.60	13.07	13.08	Pre-development	1.31	15.89	7.28	102	-32	2.00
					Post-development	1.30	14.53	7.02	>499	-29	well purged dry
OW-25	7/26/2013	4.38	14.52	14.55	Pre-development	10.5	18.72	6.73	44.5	-30	2.50
					Post-development	11.5	14.81	6.95	>499	-26	well purged dry

Notes: mS/cm = millisiemens/centimeter  
°C = degrees celsius  
NTU = Nephelometric Turbidity Units  
NC = Parameter could not be collected  
mV = milliVolts