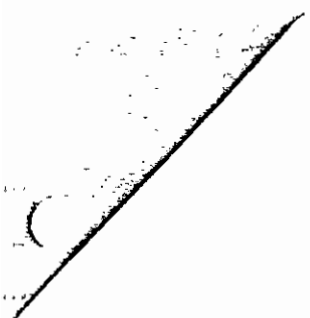


- 
- c. General design concept requirements to meet the hydrogeologic and soil conditions encountered

It should be noted that most of the work outlined in Phase II could be accomplished concurrently with Phase I work, although overall acceptability of the expansion areas may be dependent upon conditions encountered at the existing Landfill.

- 
- a. Depth and nature of of overburden deposits
 - b. Presence of shallow or perched water zones
 - c. Excavatability and suitability of overburden for cover material

At least one test pit per acre would be required and would be performed and logged under the supervision of a C&S geologist.

3. Installation of soil borings to determine continuity of subsurface stratigraphy. Borings will be continuously split-spoon sampled for the entire depth. Selected samples from fine-grained soil zones will be obtained by undisturbed methods for laboratory permeability testing. Representative soil samples will also be selected for soils laboratory tests including grain-size distribution and Atterburg limits. Depending on the size of the area to be investigated, 10 to 14 borings to an estimated depth of 35 feet will be required.
4. Approximately four of the borings performed in Item 3 above would be converted to 2-inch diameter PVC piezometers to correlate the hydrogeologic regime of the expansion area to the existing Landfill. These piezometers would be located as near to the periphery of the expansion area as possible in order that they could be utilized as later landfill groundwater quality monitoring points.
5. Upon completion of all field and laboratory testing, we would prepare a geotechnical suitability report including:
 - a. A summary of the hydrogeologic regime including groundwater levels, soil permeability, flow directions and rates
 - b. Apparent volumes of excavatable and reuseable overburden materials



December 6, 1984

Mr. Michael O'Neil
Auburn City Engineer
City Hall
24 South Street
Auburn, New York 13021

Dear Mr. O'Neil:

Wehran Engineering of Middletown, New York is under contract with the New York State Department of Environmental Conservation, Bureau of Solid Waste, to conduct site evaluations and field investigations at potential uncontrolled hazardous waste sites. As a part of this program, Wehran must determine what information is currently available regarding each of the sites listed on the attached table. In accordance with this effort, we are requesting that your office provide us with any available information and the names of possible contact persons regarding the sites or areas which may be under your jurisdiction.

This information may include such items as existing field reports, regional office memoranda, historical data, sampling data, hydrologic or geologic data, borings or drilling logs, past and present owners' information, photographs, surveys, or any other information pertinent to any of the listed sites that would assist us in conducting a preliminary investigation and evaluation.

In responding to this letter, a photocopy of any site data is requested to be sent to the attention of Ms. Constance Gasparovic at the address indicated below within seven days. Please inform her of any charges for provision of such information. If you have any questions regarding this letter, please contact Ms. Gasparovic as soon as possible at (914) 343-0660. Further, should your office not have any information relevant to any of the sites listed, a written response to that effect would be greatly appreciated.

Thank you for your cooperation and prompt attention to this request.

Very truly yours,

WEHRAN ENGINEERING, P. C.

Kevin M. Burger
Kevin M. Burger
Project Manager

KMB/vlt

Address all correspondence to:
Attn: Constance A. Gasparovic

WEHRAN HAZARDOUS SITE LIST

<u>Site</u>	<u>Address</u>	<u>Town</u>	<u>County</u>
- Auburn (c) Landfill		Auburn	Cayuga
- Taurus Chemical		Auburn	Cayuga

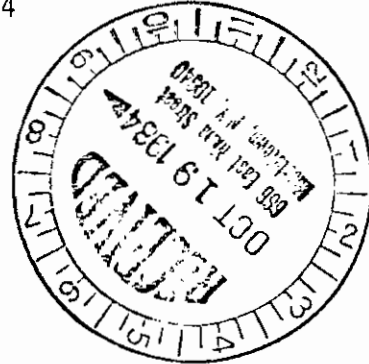
New York State Department of Environmental Conservation
50 Wolf Road, Albany, New York 12233-0001



Henry G. Williams
Commissioner

October 17, 1984

Mr. Kevin Burger
Wehran Engineering, P.C.
666 East Main Street
Middletown, New York 10940



Dear Mr. Burger:

Re: Phase I (3rd Round) Investigations
Auburn Landfill - #706001

I am enclosing, for your use, a cover letter and document received from the City of Auburn dealing with the above referenced landfill. Please incorporate in the Phase I investigation you are presently conducting.

Sincerely,

Marsden Chen

Marsden Chen
Supervisor
Bureau of Hazardous Site Control
Division of Solid and Hazardous Waste

Enclosure



CITY OF AUBURN

MEMORIAL CITY HALL
AUBURN, N.Y. 13021
Phone: (315) 252-9531

* Document sent
to Wehrman on
10/17/84
mac
10/17/84

MICHAEL D. O'NEILL

City Engineer

Superintendent of Public Works

October 9, 1984

RECEIVED

OCT 12 1984

Mr. Charles N. Goddard, P.E.
Chief
Bureau of Hazardous Site Control
Division of Solid and Hazardous Waste
N.Y.S. Dept. of Environmental Conservation
50 Wolf Road
Albany, New York 12233

HAZARDOUS SITE CONTROL
DIVISION OF SOLID AND
HAZARDOUS WASTE

Re: Auburn Landfill-ID#706001

Dear Mr. Goddard:

The enclosed information is forwarded for your review on a casual basis and is not to be considered a "written instrument" pursuant to Section 175 of the Penal Law. It represents the City's best efforts at furnishing N.Y.S.D.E.C. the information you have requested.

* a. All industries located in the communities on page 16 of the City's Part 360 application (copy enclosed).

b. No data available.

c. Since 1956.

d. See page 6, Part 360 Application.

e. Monitoring - see Appendix pages 2-22. Quarterly well samples are taken from each of three (3) wells. The City has corrected, in a timely manner, any and all deficiencies pointed out by N.Y.S.D.E.C. personnel to date.

f. N/A

g. N/A

Yours truly,


Michael D. O'Neill
City Engineer
Supt. of Public Works

p1

Enclosure

cc: Mr. Bruce L. Clifford
File

Handwritten: 7-26-84

New York State Department of Environmental Conservation

Region 7, Headquarters
7481 Henry Clay Boulevard
Liverpool, NY 13088



Henry G. Williams
Commissioner

July 26, 1984

Mr. Earle E. Thurston
Assistant Corporation Counsel
City of Auburn
Memorial City Hall
Auburn, NY 13021

Dear Mr. Thurston:

Your letter of July 2, 1984 to Mr. Langdon Marsh has been referred to this office for response. On December 6, 1983, this Department sent 1,100 claim letters to corporations, governmental units and individuals who may be responsible for the disposal of hazardous waste at approximately 800 sites throughout New York State.

The Comprehensive Environmental Response, Compensation and Liability Act (CERCLA), better known as the Federal Superfund Legislation, passed on December 11, 1980, contains a statute of limitations which expired on December 11, 1983. The Department concluded that it should safeguard the State's potential claims at all known sites by serving notice prior to that deadline.

The Auburn City Landfill is currently listed as an inactive hazardous waste disposal site by this Department. Over 15,000 tons of hazardous air pollution baghouse dust from Auburn Steel were reportedly disposed of in the Auburn City Landfill over a five-year period. Because the City of Auburn owns the landfill which received this hazardous waste, the Department forwarded a letter to the City to protect the State's legal interest.

We wish to encourage the City to take whatever actions may be necessary to conduct the necessary investigations and institute any recommended remedial actions. If this Department can provide any assistance in initiating these investigations, please let me know.

Sincerely,

RICHARD J. BRICKWEDDE
Regional Attorney

RJB/jma

cc: Mr. Greenthal

Mr. Demick

Mr. Lackey

Mr. Marsh

RECEIVED

AUG 01 1984

DEPT. ENVIRONMENTAL
CONSERVATION, SYRACUSE



CAYUGA COUNTY
HEALTH DEPARTMENT

October 10, 1984

Wehran Engineering
Research & Design Section
666 East Main Street
Middletown, N. Y. 10940

ATT: Ms. Constance Gasparovic

Dear Ms. Gasparovic:

Re: Wehran Hazardous Site List
Auburn (C), Cayuga County

This letter is a much belated response to Mr. Kevin M. Burger's letter dated August 24, 1984, which apparently was misplaced in my office for several weeks.

That letter requests any data the Cayuga County Health Department may have on the Auburn City Landfill and the Taurus Chemical Co. in the city of Auburn.

The city landfill is under regulation by the Syracuse Regional Office, N. Y. S. Department of Environmental Conservation. We recommend that you contact that office for regulatory files and that you contact Mr. Michael O'Neil, Auburn City Engineer, for local records.

info on Auburn City Landfill

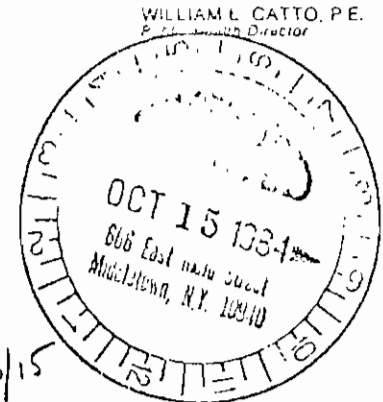
The Environmental Health Division has no record of the Taurus Chemical site. We assume this is a listing of the site where the Taurus Chemical Co. used to operate a plastics extrusion plant. The plant and stockpile of both new and recycled PVC plastic pellets burned down several years ago. We will be happy to show your field people the site, but as yet there is no documentation that toxic or hazardous materials remain on site.

Very truly yours,

Thaddeus M. Medrek

Thaddeus M. Medrek, Director
Environmental Health Division

TMM/ab

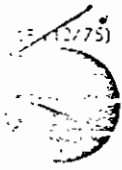


*Please get a mailing address
to Mr O'Neill + send him
an info letter*

*Thank,
Catto*

*315-252-9531 City Hall
24 South St.
Auburn, NY 13021*

File in 1000



New York State Department of Environmental Conservation

MEMORANDUM

TO: Mr. Lackey
FROM: Mr. Chernoff *Chernoff*
SUBJECT: CITY OF AUBURN LETTER OF JUNE 13, 1984
DATE: June 27, 1984

Mr. Michael D. O'Neill's letter written to Mr. Brickwedde on the above mentioned date outlines the City and DEC meeting of June 4, 1984. The outline of the letter basically states that groundwater contamination is the reason for not issuing a permit to the City landfill in response to their application for a Part 360 permit. So that the record is established from our perspective, it should be noted that during a period of review there were five rounds of request for information. In every request there would be information that was not acceptably submitted and a re-request was made. Attached to this memorandum is a brief case history of these requests along with a response and the subsequent deficiency.

If you would like to pass this information along to the City of Auburn, it could be done so that the City of Auburn does not imply that if they get better well sampling data they will automatically get a permit based on their application. If you would like to discuss this matter, please see me.

attach.

cc: Mr. Brickwedde
Mr. Gross

CHC/lms

*Summary of
Permit Process*

DEFICIENCY	DATE REQUESTED	RESPONSE DATE	RESPONSE	DEFICIENCY
Leachate treatment	12/28/83	1/5/83	Request go w/no specific direction the wait and see what works.	No calculations. No basis for leachate quantity. No basis for leachate strength. No desk top study or treatability study
Leachate Treatment, SPDES, Est. Leachate Q Strength Desk top study On-site treatment - SPDES or STP	1/5/83 2/5/83	3/16/83	Landfill leachate analysis	Calculations biased. Data used does not reflect all data available (water balance) left out March- August data. No leachate collection sites located. No discussion of Hazardous Waste. Ave. case leachate genera- tion is 6,000 gal/d. EST from water balance 4,000 is used by M. O'Neil. No consideration for worst case 90,000 gal/day. Appears STP can't handle leachate. No BOD or COD info. Desk Top Study does not evaluate worst case or COD & BOD values.
Deficiency	6/1/83	8/16/83	Comment letter. U.S. weather data used. City diverted leachate City did not feel STP would be adversely affected City proposed discharge to STP at times when plant is not sur- charged during low flow periods.	Re-Review of application by C. Chernoff 1) Dust control not acceptable 2) Survey control specified 3) Final cover specified 4) Monitoring & sampling specified for stream. 5) Request for new well up- gradient placed per guide- lines 3-3-2(b) 6) Leachate treatment specified. 7) Closure specified for Haz. waste placed in land- fill No new lateral extensions to landfill will be approved based on the present application. 8) Leachate collection holding basin must be sized STP 1) Plan established for leachate treatment 2) " " 3) " " 4) " "

DEFICIENCY	DATE REQUESTED	RESPONSE DATE	RESPONSE	DEFICIENCY
Deficiencies Liner specs.	9/9/83	9/22/83	1) City concurs 2) " " 3) " " 4) " " 5) City will investigate new well 6) City will initiate leachate collection system 7) City concurs 8) City states City has complied STP 1) City concurs 2) " " 3) " " 4) " "	Location of new well engineering design Leachate collection system, specification regarding liner.
Deficiencies	10/3/83	11/2/83	New well location Liner specs.	Well not located acceptably Liner specifications How often will testing be conducted. No engineering plan for protocol for installation



Letter, Charles - Comm. to E. Nelson - Dick

CITY OF AUBURN

MEMORIAL CITY HALL

AUBURN, N.Y. 13021

Phone: (315) 252-9531

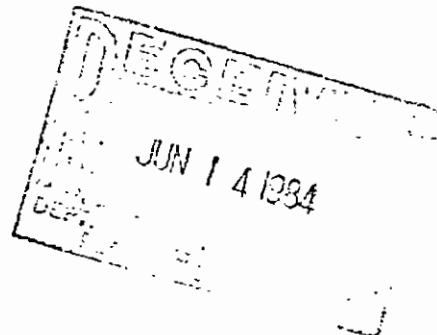
MICHAEL D. O'NEILL

City Engineer

Superintendent of Public Works

June 13, 1984

Mr. Richard Brickwedde
Regional Attorney
New York State
Dept. of Environmental Conservation
Region 7
7481 Henry Clay Boulevard
Liverpool, New York 13088



Re: Auburn Landfill
City/DEC Meeting
June 4, 1984

Dear Mr. Brickwedde:

Confirming the conversation at the above referenced meeting, it is NYSDEC's position that no permit will be issued for the Auburn Landfill as a result of Auburn Landfill ground water samples testing out at concentrations in excess of NYSDEC water quality standards (Ground Water Classifications Quality Standards and Effluent Standards and/or Limitations, Title 6, Official Compilation of Codes, Rules and Regulations, Part 703).

Precisely, NYSDEC's concerns relate to the following seven (7) substances:

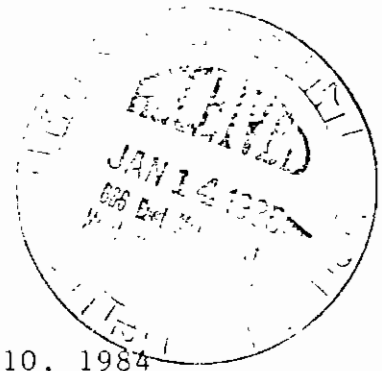
<u>Substance</u>	<u>Limit</u>
Phenol	.001 mg/l
Lead	.025 mg/l
Zinc	5.0 mg/l
Manganese	0.3 mg/l
Mercury	.002 mg/l
Iron	0.3 mg/l
Manganese & Iron	0.5 mg/l

Previous DEC concerns have been resolved and it is the City's understanding the issue is reduced solely to ground-water concerns and the absence of a liner.



CITY OF AUBURN

MEMORIAL CITY HALL
AUBURN, N.Y. 13021
Phone: (315) 252-9531



MICHAEL D. O'NEILL
City Engineer
Superintendent of Public Works

January 10, 1984

Ms. Constance A. Gasparovic
Wehran Engineering, P.C.
Research & Design Center
666 East Main Street
Middletown, New York 10940

Dear Ms. Gasparovic:

This office has on file the following information concerning the Auburn Landfill:

1. Topographical Maps.
2. Monitoring Well Analysis (3 wells).
3. Boring logs for the three (3) wells.
4. Miscellaneous data.

Most of this data is on file with N.Y.S.D.E.C. at this time. The City has no information on the Taurus Chemical site listed.

Please contact this office for an appointment and the City will review the information with you. Thankyou.

Yours truly,

Michael D. O'Neill
City Engineer
Supt. of Public Works

pl
cc: Mr. Bruce L. Clifford
File

Region 1, Environmental Quality Office
121 Henry Clay Boulevard
Liverpool, NY 13050

November 9, 1983

Mr. Michael D. O'Neill
City Engineer
Superintendent of Public Works
Memorial City Hall
Auburn, NY 13021

Dear Mr. O'Neill:

Mr. Braragh has asked me to answer your November 3, 1983, letter which is attached and request information regarding asbestos disposal. You will find attached asbestos waste disposal guidelines from our Solid Waste Management Facility Guidelines. These guidelines are the state-of-the-art with regard to disposal and if are adhered to, minimize the probability of future contamination to the environment. Long term regulatory environmental effects as they can be anticipated are strictly not established at this time. If and when any long term effects are known which can cause problems in the environment, we will surely notify you.

From a short term prospective it appears to be a likely possibility that the City could accept this material, however, volume of this material is significant considering the available landfill space. However, these types of priority decisions are to be made by the City of Auburn.

Very truly yours,

CHARLES H. CHERNOFF
Sanitary Engineer
Solid Waste Management

cc: Mr. Clifford
Mr. Brazee
Mr. Lockey
Mr. Braragh

attach.

CHC:is

*Pers. Com. M. O'Neill, P.E.
6-13-85 - no asbestos
material received at
Auburn Landfill
FLG*

CITY OF AUBURN

MEMORIAL CITY HALL

AUBURN, N. Y. 13021

Phone: (315) 252-9531

RECEIVED

NOV 17 1983

November 3, 1983 DEPT. ENVIRONMENTAL
CONSERVATION, C/3242 25

Mr. Charles Branaugh
New York State Department
of Environmental Conservation
Region 7
7481 Henry Clay Boulevard
Liverpool, New York 13088

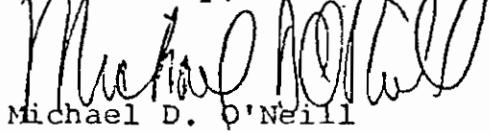
Re: Request to Place Asbestos-
Auburn Sanitary Landfill

Dear Mr. Branaugh:

The City has received a request (copy enclosed)
from Southern Tier Insulation Distributors to place
150 55-gallon drums of plaster containing 23% asbestos
at the Auburn Landfill.

What is NYSDEC's position with respect to this
specific proposal and what, if any, long term regulatory
or environmental affects may the City anticipate?

Yours truly,



Michael D. O'Neill
City Engineer
Supt. of Public Works

pl

Enclosure

cc: Mr. Bruce L. Clifford

Mr. James Brazee

Mr. Charles Chernoff

Southern Tier Insulation Distributors

File

Southern Tier Insulation Distributors

INDUSTRIAL & COMMERCIAL INSULATIONS
322 CHAUMONT DRIVE • ENDWELL NEW YORK 13760 • (607) 754-6464

October 28, 1983

Mr. Michael O'Neill
City Engineer
Memorial City Hall
24 South Street
Auburn, New York 13201

RECEIVED
OCT 1 1983

CITY ENGINEER'S OFFICE
CITY OF AUBURN, N.Y.

Dear Sir:

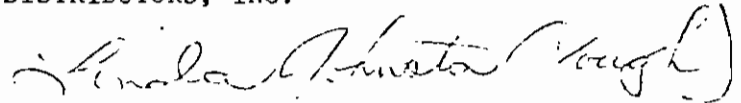
We are being contracted by Auburn Memorial Hospital to remove asbestos waste material encapsulated in plaster ceiling material. The ceiling grids will be pulled down and packed into 55-Gallon steel drums with lids. These drums will be disposed of with the asbestos material. The plaster contains approximately 23% asbestos. We anticipate approximately 150 drums.

We contacted Charlie Branagh (315) 428-4484 who is the Solid Waste Engineer for the DEC in Region 7 which includes Cayuga County. He recommended the Auburn Landfill since it is a larger landfill and better equipped to handle this kind of waste material.

Enclosed is our application for Septic Tank Cleaner and Industrial Collector Permit for 1983/84. After you get required approvals, please sign in triplicate and return to me. We will then file with the DEC in Albany.

Sincerely,

SOUTHERN TIER INSULATION
DISTRIBUTORS, INC.



Linda R. Johnston (Vough)
Treasurer

lv

Enclosures

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

FORM FOR SEPTIC TANK CLEANER AND INDUSTRIAL WASTE COLLECTOR PERMIT

Insulation Distributors Inc.

2. LOCATION WHERE VEHICLES ARE GARAGED

322 Chaumont Drive, Endwell, New York

3. NO. OF VEHICLE

4

ADDRESS

City & State

Zip
CodeTelephone
No.

PERMIT NO.

7A-084

Chaumont Drive

Endwell, New York

13760

607-754-6464

VEHICLE NO.

VEHICLES	1	2	3	4	5	6
MAKE	Ford-Stake	Ford P/U	Chevy P/U	Ford P/U		
YEAR	1981	1981	1982	1983		
COLOR	Red	Red	Grey	Blue		
LICENSE PLATE NO.	37097-GD	7041-RF	30543-GB	3623-GK		
STATE OF REGISTRATION	New York	New York	New York	New York		
TYPE (Tank, open, etc.)	Open	Open	Open	Open		
TANK CAPACITY						

For additional vehicles and/or information, please attach a supplemental sheet and check here ☐

PHYSICAL AND CHEMICAL CHARACTER OF WASTES HANDLED

NOTE: If Industrial Wastes are handled, form SW-14 must also be completed.

Waste Products - pipe insulation.

LOCATION AND MANNER OF DISPOSAL

have been engaged in the removal of materials containing asbestos in a number of locations throughout New York State. Disposal was handled by the Broome County Landfill, Tompkins County Landfill, Lindley Landfill (Steuben County) and the FICA (Dutchess Sanitation) Landfill in Ulster County.

TOWNS OR COMMUNITIES SERVED

a map or sketch showing the disposal area of receiving station

10. Annual Permit Fee Attached

☐ Yes ☐ No

I hereby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein shall be as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

NAME OF APPLICANT

12. PRINTED OR TYPED NAME

Linda R. Johnston

13. DATE

8-10-83

STATEMENT OF OWNERS OR OPERATORS OF DISPOSAL AREAS OR RECEIVING STATIONS

Permission is hereby granted to the above named applicant to dump the material stated in this application at site(s) listed below subject to the Rules and Regulations of the Department of Environmental Conservation governing disposal of such material at the designated area.

DISPOSAL SITE OR RECEIVING STATION (1)

NAME OF DISPOSAL SITE OR RECEIVING STATION (2)

INDUSTRIAL WASTE COLLECTOR PERMIT FORM CONTINUATION

Name of Permittee			Date		Permit	
Northern Tier Insulation Distributors Inc.			Revised 10-26-83		7A-084	
Company Producing Waste (Name and Address)	Waste Type Code	Components	Physical State	Quantity per Year (Gallons)	Treatment or Disposal (Name and Address of Site)	
Corporation 1701 North St. Endicott, NY	26	Asbestos Products 50%	Solid	200*	Broome County Landfill Nanticoke, NY	
School Dist. Broad Street Endicott, NY	26	" " "	Solid	100*	" " "	
Miscellaneous Construction	26	" " "	Solid	400*	" " "	
Miscellaneous Construction & Central Schools	26	" " "	Solid	400*	Tompkins County Landfill	
Central Schools, Addison Central Schools & Miscellaneous Const.	26	" " "	Solid	200*	(Steuben County) Lindley Landfill	
Miscellaneous Construction in Chemung County	26	" " "	Solid	100*	FICA Landfill (Dutchess Sanitation)	
Central Schools Chemung County	26	" " "	Solid	200*	Chemung County Landfill	
Memorial Hospital Chemung, New York	26	Asbestos Products 23%	Solid	150*	Auburn Landfill	
		*55 Gallon Drums				

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID WASTE—BUREAU OF HAZARDOUS WASTE OPERATIONS
50 WOLF ROAD, ALBANY, NEW YORK 12233-0001

WASTE TRANSPORTER PERMIT

Pursuant to 6 NYCRR Part 364

No. of Additional Sheets Attached ☐

NYSDEC PERMIT NUMBER OR EXEMPT	EPA TRANSPORTER ID NUMBER	VEHICLE LICENSE NUMBER	STATE OF VEHICLE REGISTRATION NY
--------------------------------	---------------------------	------------------------	-------------------------------------

THIS PERMIT WILL AUTHORIZE:

NAME OF PERMITTEE

STREET ADDRESS

CITY

COUNTY

STATE

ZIP CODE

permittee to transport

(Amount—Cubic yards or truckloads)

of

(Type of Waste)

from

(Spill Location)

and deposit it at

(Name of Disposal Facility)

The effective period of this

authorization will be from

(Time and Date)

to

(Time and Date)

and is non-transferable

(Central Office Contact)

(Signature of DEC Representative)

(Title/Organizational Unit)

(Title/Organizational Unit)

(Address)

(Address)

(Telephone Number)

(Telephone Number Time and Date)

This is to certify that

(Total amount or portion in cubic yards or truck loads)

of the above cited

waste material was received at

(Name of Disposal Facility)

Signature of Disposal Facility Representative—PRINT NAME FOLLOWING SIGNATURE

(Title)

285 N DIVISION ST Auburn N.Y. 13021

(Facility Address include city, county, state and zip code)

(Telephone Number)

(Time and Date of Arrival)

(EPA Id. Number)

CONDITIONS:

- 1 This ORIGINAL must be filled out and signed by the DEC Representative before the spill material is transported to the disposal facility. A signature must be obtained from the operator or the representative of that facility after delivery of entire amount.
- 2 A copy of this permit must be carried in each vehicle and presented upon demand to any Law Enforcement Officer or any representative of the Department of Environmental Conservation.
- 3 If the transporter has a valid NYSDC Waste Transporter Permit, the permit number must be indicated in the upper left hand corner of this form. A copy of this form must be attached to his permit.
- 4 If no Part 364 permit exists, an exemption may be granted and this permit issued at the discretion of the on-site NYSDC representative. In this case, no permit number is required on the vehicle.

TRANSMITTAL SLIP

TO: ~~Steve Lachey~~ Region 7 Syracuse
FROM: Joe Stackbridge DATE 1/18/84
SUBJECT: Auburn Compost

Steve
Look at the Cadmium and Zinc Concentrations.
What are we going to do? It's probably alright
if it always only goes to the landfill. What do you think?

FOR ACTION AS INDICATED:

- | | |
|--|--|
| ☐ Please Handle | ☒ Comments |
| ☐ Prepare Reply | ☐ Signature |
| ☐ Prepare Reply for _____ | ☐ File |
| Signature | ☐ Return to me |
| ☒ Information | ☐ _____ |
| ☐ Approval | ☐ _____ |
| ☐ Prepare final/draft in _____ copies | |

to contact the undersigned.

Sincerely,

RECRA ENVIRONMENTAL LABORATORIES

James A. Ploscyca

James A. Ploscyca
Laboratory Manager

I.D. #83-1267

(can find no record of
using this) FCG

(compost

analysis

11-30-83

high cadmium + zinc

Sho Larky

RECRA ENVIRONMENTAL LABORATORIES

Division of Recra Research, Inc.

RECEIVED

January 16, 1984

JAN 19 1984

Bureau of Municipal Waste
Division of Solid and
Hazardous Waste

Mr. Joseph Stockbridge
New York State Department of
Environmental Conservation
50 Wolf Road
Albany, NY 12233

Re: Analytical Results

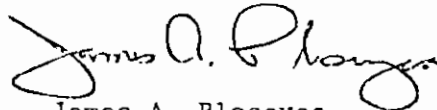
Dear Mr. Stockbridge:

Please find enclosed results of the analyses of compost samples received at our laboratories on November 30, 1983.

If you have any questions concerning these data, do not hesitate to contact the undersigned.

Sincerely,

RECRA ENVIRONMENTAL LABORATORIES



James A. Ploscyca
Laboratory Manager

RVF/JAP/mdc
Enclosure

I.D. #83-1267

ANALYTICAL RESULTS

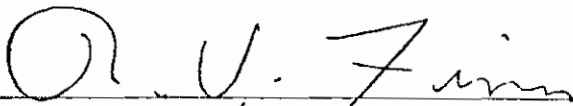
NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATIONReport Date: 1/16/84
Date Received: 11/30/83

PARAMETER	UNITS OF MEASURE	SAMPLE IDENTIFICATION		
		IC83-001-01	IC83-001-02	IC83-001-03
pH	Standard Units	7.03	-	7.23
Total Solids	%	59.3	45.2	72.5
Total Volatile Solids	%	22.9	69.1	14.9
Total Kjeldahl Nitrogen	% (dry)	0.17	0.26	0.15
Ammonia	% (dry)	0.0073	0.0080	0.0044
Nitrate	mg/kg dry	3,200	1,510	730
Nitrite	mg/kg dry	34	31	79
Total Cadmium	mg/kg dry	-	130	-
Total Chromium	mg/kg dry	-	5.6	-
Total Copper	mg/kg dry	-	470	-
Total Lead	mg/kg dry	-	290	-
Total Mercury	mg/kg dry	-	1.1	-
Total Nickel	mg/kg dry	-	5.1	-
Total Zinc	mg/kg dry	-	2,610	-

COMMENTS: Analyses were performed according to U.S. Environmental Protection Agency methodologies.

FOR RECRA ENVIRONMENTAL LABORATORIES

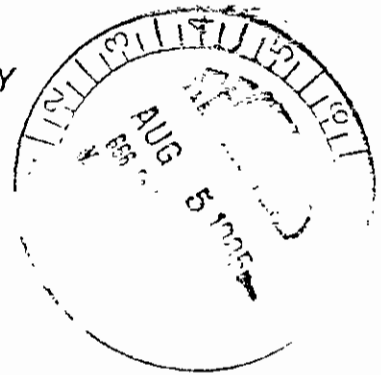
DATE


11/16/84

Auburn Landfill



FRAZER & JONES COMPANY



August 1, 1985

Wehran Engineering
666 E. Main Street
Middleton, New York 10940

Attention: Karen Maloy

Re: Phase One Investigation
May 21, 1985

Dear Karen:

Per our recent telephone conversation, enclosed is the information that you requested:

1. Height of sand pile at dump is approx. 40 feet high.

→ 2. Frazer & Jones Company has not disposed of any waste sand at the Auburn Landfill.

Sincerely,

FRAZER & JONES COMPANY

A. Thomas Giannone
Manager
Personnel & Purchasing

FRAZER & JONES DIVISION OF THE EASTERN COMPANY

3000 MILTON AVENUE, P. O. BOX 4955, SYRACUSE, NEW YORK 13221 (315) 468-6251

WALK BOOSE SUPPORTS HOT DIB GALVANIZING

One Alawife Place
Cambridge, Massachusetts 02140
(617) 661-3111 TELEX 6617286

La Jolla, California
Denver, Colorado
Washington, D.C.
Lafayette, Louisiana
New Orleans, Louisiana
Shreveport, Louisiana

Oklahoma City, Oklahoma
Houston, Texas
Midland, Texas
Aberdeen, Scotland
Zurich, Switzerland
Abu Dhabi, UAE

*S. J. C.
→ CAYUGA CO.
Auburn Landfill*

February 16, 1983

Mr. Charles Chernoff
New York State DEC
Region 7
7481 Henry Clay Blvd.
Liverpool, NY 13088

Dear Mr. Chernoff:

Enclosed are the results of EP-toxicity testing on the sample of slag #R700-129 received by us on January 20, 1983.

If there are any questions, please do not hesitate to contact me.

Sincerely,

Nile A. Luedtke

Nile A. Luedtke

NAL:eve
cc: Dr. Dallas Wait
Encl.

*Slag sample
1-20-83*

RECEIVED

FEB 21 1983

DEPT. ENVIRONMENTAL
CONSERVATION, SYRACUSE

ENERGY RESOURCES CO. INC.

EP-TOXICITY ANALYSIS

- Report Sheet -

Sample Received: 1/20/83
 Analysis Completed: 2/14/83
 All Results in: mg/l (ppm)
 Reported by: NAF
 Checked by: Jan
 Client: New York DEC

ERCO ID	CLIENT ID	As	Ba	Cd	Cr	Pb	Hg	Se	Ag
IC-83									
143	R-700-129	<0.01	1.8	0.006	0.18	<0.01	<0.0002	<0.01	<0.001
EPA MAXIMUM CONTAMINATION LEVEL		5.0	100	1.0	5.0	5.0	0.2	1.0	5.0

Extraction Data

Initial pH 9.95
 Final pH 5.00
 ml 0.5 NHAc used/
 total possible 340/400

If customer has any questions regarding analysis, refer to sample in question by its ERCO ID#.

*File?
Auburn SLF
Refuse Dept.*

Region 7, Environmental Quality Office
1401 Henry Clay Boulevard
Liverpool, NY 13088

December 1, 1982

Mr. Michael D. O'Neill
City Engineer
City of Auburn
Memorial City Hall
Auburn, NY 13021

Re: Foundry Sand for Daily Cover - City of Auburn Sanitary Landfill

Dear Mr. O'Neill:

The N.Y.S.D.E.C. cannot indemnify the City of Auburn from any present or future proceedings that would involve problems with the City's landfill whether or not the problem had anything to do with the use of foundry sand. Just as it is a generator's responsibility to ascertain the nature of their wastes and proper disposal of those wastes, it is the City's responsibility to operate their landfill in accordance with State regulations. The role of the N.Y.S.D.E.C. is to regulate delivery and proper utilization of foundry sand at landfills under Parts 364 and 360. A hauler with a 364 permit (an application for transportation of foundry sand should have been signed by a representative of the City) must deliver the sand to the landfill in a safe fashion as required by the Part 364 regulations. Once at the landfill it is the City's responsibility for proper management of foundry sand as use for daily cover.

The idea of a two week trial period to test the delivery, handling and management of the foundry sand is a good one. If the City wishes to pursue this two week trial with the Frazer & Jones foundry sand, I could write a letter that should be carried in the trucks used for transportation of the foundry sand for the two week period only. Any further transportation would be by authorized 364 permit.

As was detailed in previous correspondence to the Frazer & Jones Company, the foundry sand as tested is not hazardous waste and is acceptable for daily cover at sanitary landfills.

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

Very truly yours,

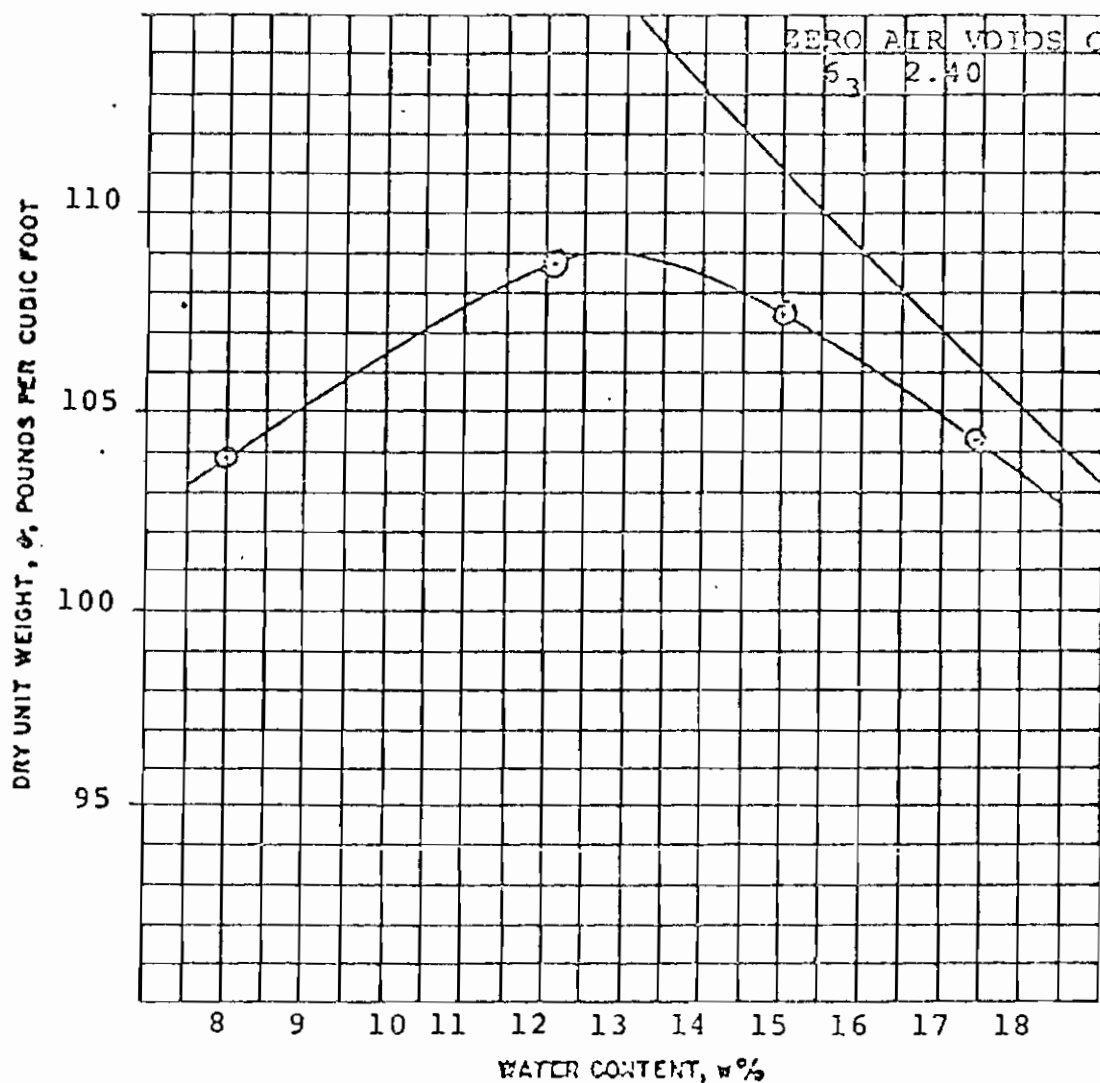
CHARLES J. LEMACH, P.E.
Senior Sanitary Engineer
Solid Waste Management

cc: Mr. Lackey
Mr. Clifford
Mr. Brazee
Mr. Herres

TEST METHOD	STANDARD PROCTOR TEST (AASHTO T 99-70, ASTM D 698-70)				MODIFIED PROCTOR TEST (AASHTO T 100-70, ASTM D 1557-70)			
	4		6		4		6	
MOLD DIAMETER, INCHES	4		6		4		6	
MOLD VOLUME, CUBIC FEET	0.033		0.078		0.033		0.078	
HAMMER WEIGHT, POUNDS	10		20		10		20	
HAMMER DROP, INCHES	12		12		18		18	
NUMBER OF LAYERS	3		3		6		6	
NUMBER OF BLOWS	25		55		25		55	
MAXIMUM MATERIAL SIZE	4.75	3/4"	4.75	3/4"	4.75	3/4"	4.75	3/4"
METHOD	A	C	B	D	A	C	B	D

* OVERSIZE MATERIAL MAY BE REPLACED
WITH MATERIAL BETWEEN 3/4" AND THE
4.75 DIEVE. (NOTE 2 IN ASTM SPECIFICATION.)

MOISTURE-DENSITY RELATION



GRADATION OF SAMPLE

SIEVE SIZE	% FINER BY WEIGHT
------------	-------------------

3	
3/4	
#4 - 100	
#50 - 81.0	
#100 - 43.7	
#200 - 16.2	

MAXIMUM DRY DENSITY

109.0 POUNDS
PER CUBIC FOOT,
OPTIMUM WATER
CONTENT 12.6 %

SAMPLE INFORMATION:

Foundry Sand Delivered 4/18/80

METHOD OF TEST: ASTM D-698-70



EMPIRE SOILS INVESTIGATIONS, INC.

PROCTOR COMPACTION TEST

FRAZER & JONES
SOLVAY, NEW YORK

Date Received 2-19-80 By BPP

Sample Identification	Sample No.	PHENOL
#1	90413	26.
#2	90414	<0.01
#3	90415	0.02
#4	90416	<0.01
#5	90417	0.02
#6	90418	<0.01
#7	90419	<0.01
#8	90420	<0.01
Solid material was subjected to the EPA Leachate Potential Test.		

File No.	2153.001.517	Page No.

Date Received 4-18-80 By DRB

Sample Identification	Sample No.	AS	BA	CD	CR	PB	HG ^{µg/g}	SE	AG
#1	91545	<0.01	0.5	<0.01	<0.01	<0.01	2.0	<0.01	<0.01
#2	91546	<0.01	<0.1	<0.01	<0.01	<0.01	10.	<0.01	<0.01
#3	91547	<0.01	0.5	<0.01	<0.01	<0.01	<0.5	<0.01	<0.01
#4	91548	<0.01	0.4	<0.01	<0.01	<0.01	<0.5	<0.01	<0.01
#5	91549	<0.01	0.4	<0.01	<0.01	<0.01	2.0	<0.01	<0.01
Results are reported in a weight per volume as expressed on the reverse side. The solid samples were subjected to the EPA Extraction procedure for hazardous wastes.									

Results are reported in a weight per volume as expressed on the reverse side. The solid samples were subjected to the EPA Extraction procedure for hazardous wastes.

APPLICATION FOR APPROVAL TO OPERATE A SOLID WASTE MANAGEMENT FACILITY

SEE APPLICATION INSTRUCTIONS ON REVERSE SIDE

PROJECT NO.	DATE RECEIVED
DEPARTMENT ACTION ☐ Approved ☐ Disapproved	DATE
1. OWNER'S NAME City of Auburn	3. Telephone No. 315-252-9531
4. OPERATOR'S NAME Bruce L. Clifford	6. Telephone No. 315-252-9531
5. ENGINEER'S NAME Michael D. O'Neill	9. Telephone No. 315-252-9531
7. ON-SITE SUPERVISOR James Braze	12. Telephone No. 315-252-9531

2. ADDRESS (Street, City, State, Zip Code) 24 South St., Auburn, N.Y., 13021	3. Telephone No. 315-252-9531
5. ADDRESS (Street, City, State, Zip Code) 24 South St., Auburn, N.Y., 13021	6. Telephone No. 315-252-9531
8. ADDRESS (Street, City, State, Zip Code) 24 South St., Auburn, N.Y., 13021	9. Telephone No. 315-252-9531
11. ADDRESS (Street, City, State, Zip Code) 24 South St., Auburn, N.Y., 13021	12. Telephone No. 315-252-9531

13. HAS THE INDIVIDUAL NAMED IN ITEM 10 ATTENDED A DEPARTMENT SPONSORED OR APPROVED TRAINING COURSE?
☒ Yes Date Course Title Location ☐ No

14. PROJECT/FACILITY NAME Auburn Sanitary Landfill	15. COUNTY IN WHICH FACILITY IS LOCATED Cayuga	16. ENVIRONMENTAL CONSERVATION REGION 7
---	---	--

7. TYPE OF PROJECT FACILITIES: ☐ Composting ☐ Transfer ☐ Shredding ☐ Baling ☒ Sanitary Landfill ☐ Incineration ☐ Pyrolysis
☐ Resource Recovery-Energy ☐ Resource Recovery-Materials ☐ Other

18. HAS THIS DEPARTMENT EVER APPROVED PLANS AND SPECIFICATIONS AND/OR ENGINEERING REPORTS FOR THIS FACILITY? ☒ Yes Date 7-31-78 ☐ No

9. LIST WASTES NOT ACCEPTED

Corrosive Substances, Flammable Chemicals, Toxic Materials, Hazardous Wastes

20. BRIEFLY DESCRIBE OPERATION

The operation of the Auburn Sanitary Landfill is under Facility Permit Number 1550 from the New York State Department of Environmental Conservation. This disposal site consisting of sixty-eight acres is open six (6) days a week, Monday-Saturday, 7 A.M. to 4 P.M., excluding holidays, for the disposal of all solid waste collected by city trucks and private haulers. In addition, the City of Auburn contracts with the following towns and villages in sharing the cost for operation of this landfill: Towns of Fleming, Owasco, Sennett, Throop, Aurelius, Brutus, Springport, Niles, and the Villages of Weedsport for an estimated total population served of 56,761.

Permits are issued to all private haulers using the sanitary landfill. It is estimated that the landfill handles 150 tons per day, based upon 110 tons from packer trucks and 40 tons from open body trucks. These estimates produce a weekly tonnage of 900 tons and a yearly total of 46,800 tons. Equipment at the landfill includes one 25-ton bulldozer, one crawler loader, one four-wheel drive 20-ton steel wheel compactor that compacts refuse to a density of approximately 1,200 lbs. per cubic yard, and two (2) dump trucks of 20 and 10 cubic yard capacity. All refuse is compacted daily by the compactor and covered with six inches of material, and when the final finished grade for the area is reached, a two foot layer of cover material is placed over the refuse. The City of Auburn has recently acquired title to the adjoining 115 acres of land for future use as a landfill.

The expected life of the current landfill is 15-20 years.

21. IF FACILITY IS A SANITARY LANDFILL, PROVIDE THE FOLLOWING INFORMATION:

a. Total useable area: (Acres) Initially <u>70</u> Currently <u>190</u> Proposed <u>240</u>	b. Distance to nearest offsite, downgradient, water supply well <u>2,000</u> Feet	c. No. of groundwater monitoring wells Upgradient <u>one</u> Downgradient <u>one</u> Proposed <u>one</u>
---	---	--

22. INDICATE WHICH ATTACHMENTS, IF ANY, ARE INCLUDED WITH THIS APPLICATION:
☐ Form 47-19-2 or SW-7 ☒ Operations Plan & Report ☒ USGS Topographic Map ☐ Record Forms ☐ Other
☐ Construction Certificate ☒ Boring Logs ☐ Water Sample Analysis ☐ None

23. CERTIFICATION:

I hereby affirm under penalty of perjury that information provided on this form and attached statements and exhibits is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

11/5/82 Michael D. O'Neill City Engineer
Date Signature and Title

APPLICATION FOR APPROVAL TO OPERATE
A SOLID WASTE MANAGEMENT FACILITY

SEE APPLICATION INSTRUCTIONS ON REVERSE SIDE

PROJECT NO.	DATE RECEIVED
DEPARTMENT ACTION ☐ Approved ☐ Disapproved	DATE

1. OWNER'S NAME City of Auburn	2. ADDRESS (Street, City, State, Zip Code) 24 South St., Auburn, N.Y., 13021	3. Telephone No. 315-252-9531
4. OPERATOR'S NAME City of Auburn	5. ADDRESS (Street, City, State, Zip Code) 24 South St., Auburn, N.Y., 13021	6. Telephone No. 315-252-9531
7. ENGINEER'S NAME Paul D. O'Neill	8. ADDRESS (Street, City, State, Zip Code) 24 South St., Auburn, N.Y., 13021	9. Telephone No. 315-252-9531
10. ON-SITE SUPERVISOR Paul D. O'Neill	11. ADDRESS (Street, City, State, Zip Code) 24 South St., Auburn, N.Y., 13021	12. Telephone No. 315-252-9531

13. HAS THE INDIVIDUAL NAMED IN ITEM 10 ATTENDED A DEPARTMENT SPONSORED OR APPROVED TRAINING COURSE?

☐ Yes Date _____ Course Title _____ Location _____ ☐ No

14. PROJECT/FACILITY NAME Auburn Sanitary Landfill	15. COUNTY IN WHICH FACILITY IS LOCATED Cayuga	16. ENVIRONMENTAL CONSERVATION REGION 7
7. TYPE OF PROJECT FACILITIES: ☐ Composting ☐ Transfer ☐ Shredding ☐ Baling ☒ Sanitary Landfill ☐ Incineration ☐ Pyrolysis ☐ Resource Recovery-Energy ☐ Resource Recovery-Materials ☐ Other _____		

18. HAS THIS DEPARTMENT EVER APPROVED PLANS AND SPECIFICATIONS
AND/OR ENGINEERING REPORTS FOR THIS FACILITY?
☐ Yes Date 7-31-78 ☐ No

9. LIST WASTES NOT ACCEPTED

Corrosive Substances, Flammable Chemicals, Toxic Materials, Hazardous Wastes

20. BRIEFLY DESCRIBE OPERATION

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Permits are issued to all private haulers using the sanitary landfill. It is estimated that the landfill handles 150 tons per day, based upon 110 tons from packer trucks and 40 tons from open body trucks. These estimates produce a weekly tonnage of 900 tons and a yearly total of 46,800 tons. Equipment at the landfill includes one 25-ton bulldozer, one crawler loader, one four-wheel drive 20-ton steel wheel compactor that compacts refuse to a density of approximately 1,200 lbs. per cubic yard, and two (2) dump trucks of 20 and 10 cubic yard capacity. All refuse is compacted daily by the compactor and covered with six inches of material, and when the final finished grade for the area is reached, a two foot layer of cover material is placed over the refuse. The City of Auburn has recently acquired title to the remaining 115 acres of land for future use as a landfill.

The expected life of the current landfill is 15-20 years.

21. IF FACILITY IS A SANITARY LANDFILL, PROVIDE THE FOLLOWING INFORMATION:

a. Total useable area: (Acres) Initially 70 Currently 200	b. Distance to nearest offsite, downgradient, water supply well 2,500 Feet	c. No. of groundwater monitoring wells Upgradient 0 Downgradient 1
--	--	---

22. INDICATE WHICH ATTACHMENTS, IF ANY, ARE INCLUDED WITH THIS APPLICATION:

☐ Form 47-19-2 or SW-7	☐ Operations Plan & Report	☐ USGS Topographic Map	☐ Record Forms	☐ Other _____
☐ Construction Certificate	☐ Boring Logs	☐ Water Sample Analysis	☐ None	

23. CERTIFICATION:

I hereby affirm under penalty of perjury that information provided on this form and attached statements and exhibits is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Date

Signature and Title

Thaddeus M. Medrek
County of Cayuga • DEPARTMENT OF HEALTH
CITY OF AUBURN STATE OF NEW YORK

AUBURN OFFICE • BOX 219, 160 GENESEE ST. • 253-1301 • SUB-OFFICES - MORAVIA 497-0141 - CATO 626-2541

GORDON A. EADIE, M.D., M.P.H.
COMMISSIONER OF HEALTH

*Please respond
File*

June 19, 1981

RECEIVED

JUN 22 1981

DEPT. ENVIRONMENTAL
CONSERVATION, SYRACUSE

Mr. Norman Boyce
Department of Environmental
Conservation
7481 Henry Clay Blvd.
Liverpool, New York 13088

Re: Landfill Odor Complaint
Auburn (C), Cayuga County

Dear Mr. Boyce:

Attached is a copy of data sheet for a complaint the Cayuga County Health Department received recently regarding the Auburn City Landfill.

For several years the Environmental Health Division has received similar calls on seepage from the landfill with associated odors. Please investigate this one and advise our office of your findings.

Thank you.

Very truly yours,

Thaddeus M. Medrek

Thaddeus M. Medrek, S. S.
Assistant Director
Environmental Health Division

Attachment
TMM:ic

*Investigation revealed
only a small amount of leachate
seepage.*

NUISANCES

Cayuga County Health Department

Year 81
Category DEC
Inspections Referral
Found Referral
Abated

Date 6/9/81
Time 2:25 p.m.
By ic
Tel xxx Pers

COMPLAINT:

pungent odor (chemical like) near York & N. Division Sts. and
also going towards Turnpike Rd. - must eventually seep down
to the water table

LOCATION:

(C) Auburn - City Landfill - N. Division St.

OWNER:

PERSON LIVING THERE:

CONFIDENTIAL

Complainant: Matt Wolf
Address: R. D. #4, Auburn, N.Y. 13021
Phone: 252-4952

TECHNICIAN'S

Complaint was Public Health

Date

FINAL

Abated (yes or no)

SUMMARY

Complaint was non-Public Health

By

Total No. of Inspections

ACTION



CITY OF AUBURN

MEMORIAL CITY HALL
AUBURN, N.Y. 13021
Phone: (315) 252-9531

*File
Auburn JLF
Gibson-Dugan*

MICHAEL D. O'NEILL

City Engineer

Superintendent of Public Works

November 23, 1982

Mr. Charles Branagh
New York State Department
of Environmental Conservation
7481 Henry Clay Boulevard
Liverpool, New York 13088

Re: Request for Use of
Foundry Sand for Daily
Cover, City of Auburn

Dear Mr. Branagh:

The City of Auburn has received a request from Mr. Donald Herres, Plant Engineer of Frazer & Jones, Syracuse, to deposit foundry sand at the Auburn Landfill to be used as an admixture with the daily cover material thereby solving a disposal problem for Frazer & Jones and assisting the City in processing daily cover.

Mr. Herres has indicated he has previously corresponded with N.Y.S.D.E.C. concerning the foundry sand. Enclosed is a copy of that correspondence which the City received from Mr. Herres.

As discussed, the City is interested in additional sources of cover material and may desire to utilize the foundry sand; however, the City does not desire to accept any industrial wastes that may present a future liability to the City's continued operation of the landfill on the existing site.

The City, with N.Y.S.D.E.C.'s concurrence is willing to accept a two week trial acceptance of the foundry sand. If the City is indemnified from any future adverse proceedings by N.Y.S.D.E.C. and if the trial period is successful, the City may consider receipt of the foundry sand on a more permanent basis.

The City is hereby requesting N.Y.S.D.E.C.'s permission and assurance that the foundry sand can be safely delivered and properly utilized at the Auburn Sanitary Landfill during a

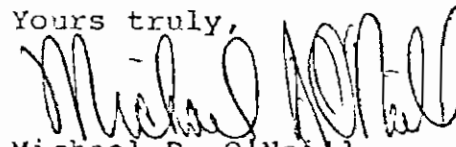
Mr. Charles Branagh

Page 2

November 23, 1982

two week trial period and that no long term adverse affects are anticipated from the physical presence of the material or the regulatory capability of the State of New York.

Yours truly,



Michael D. O'Neill
City Engineer
Supt. of Public Works

pl

Enclosure

cc: Mr. Bruce L. Clifford
Mr. James Brazee
Pettigrass & Thurston
Mr. Donald Herres
File



EMPIRE GEOLIC INVESTIGATIONS, INC.

MAIN OFFICE X
607 E 86 St
105 Corona Avenue
Brooklyn, N.Y. 11203

BUFFALO OFFICE D
716 645 8110
P.O. Box 227
Orchard Park, N.Y. 14127

ROCHESTER OFFICE D
716 342 5320
1164 Ridge Road East
Rochester, N.Y. 14621

SYRACUSE OFFICE D
315 475 0717
Rte 9 Garden Road
E. Syracuse, N.Y. 13057

ALBANY OFFICE D
518 783 1553
585 Troy Schenectady Road
Latham, N.Y. 12110

WASHINGTON OFFICE D
202 423 2700
6400 Spring Road
Temple Hills, Md. 20688

CONSTANT HEAD PERMEABILITY TEST WITH BACKPRESSURE SATURATION

PROJECT: Frazer & Jones, Solvay, New York

SAMPLE: Foundry Sand

Sample Data:

Height:	11.67	cm
Diameter:	10.18	cm
Dry Unit Weight:	99.6	pcf
Moisture Content before Test:	5.9	%
Moisture Content after Test:	16.4	%
Maximum Dry Density (ASTM D 698):	109.0	pcf
Optimum Moisture Content (ASTM D 1557):	12.6	%
Percent Compaction:	91.4	%

Test Data:

Differential Head, psi	1	2
Coefficient of Permeability cm/sec.:	1.09×10^{-4}	1.36×10^{-4}

GT-80-25
4-29-80

Region 7, Environmental City Office
14.1 Henry Clay Boulevard
Liverpool, NY 13080

October 27, 1981

Mr. Bruce L. Clifford
City Manager
City of Auburn
Memorial City Hall
Auburn, ME 04201

Re: Meeting of October 24, 1981, Concerning Consent Order

Dear Mr. Clifford:

This letter is to confirm several matters of discussion at our Friday, October 24, 1981, meeting.

The second condition of the Consent Order requiring a burning permit or brush burial has been changed to reflect the City of Auburn's intent to chip the brush and use it in a composting operation.

Since some chemical constituents from the sampling of the downgradient well has exceeded the RCRA standards the City of Auburn will resample the downgradient well and an upgradient well at the same time and for the same constituents as the first sampling. A comparison can then be made between the upgradient and downgradient wells to determine if the landfill is the causative factor in elevating constituent levels in the groundwater.

Because of the City's concern that signing the Consent Order may be a public admission of guilt to violations of the Environmental Conservation Law the Department has added verbiage to the Order that should alleviate that concern. Since the problems at the landfill have been continuous for more than a year now the Consent Order is an official compliance schedule that cannot be replaced by a letter.

Attached is the new Consent Order which must be signed within 30 days. If the City of Auburn feels it cannot sign the Consent Order, the Department will convene an administrative hearing in this matter.

If you have any questions, please contact myself or Mr. Erickvedde.

Very truly yours,

Charles J. Branagh, P.E.
Senior Sanitary Engineer
Solid Waste Management

cc: Mr. Erickvedde

Region 7, Environmental Quality Office
211 Henry Clay Boulevard
Liverpool, NY 13050

May 1, 1989

Mr. Bruce L. Clifford
City Manager
City of Auburn
Memorial City Hall
Auburn, NY 13021

Re: Auburn Refuse Disposal Area - 706801

Dear Mr. Clifford:

Attached is the Facility Inspection Report for ^{MAY} February.

As you can note on the inspection report several problems continue to be evident at the landfill. While some areas have received additional cover it is obvious that the current method is not equal to the job. It also appears evident that the daily covering operation is not meeting the six-inch requirement. As additional cover is placed at one end of the fill new areas of protruding refuse are created at the other end as the daily operation moves from site to site. Previously noted ponding areas have not been filled in with clean fill and this ponded water still feels leachate emanating from several places in the fill. If the daily covering operation does not improve and the depressions not filled in by the next inspection in June 1989, I will seek a compliance schedule from our Regional Attorney.

Sampling of the small creek that runs through the landfill area showed a conductivity of 760 umho's and a pH of 6.5 upstream of the leachate springs and a conductivity of 2,600 umho's and a pH of 7.6 downstream of the leachate springs.

Samples taken of the new downgradient drilled well showed a hardness of 1,400 mg/l, a conductivity of 2,100 umho and pH of 7.4. The conductivity and hardness values may be high due to natural inorganic materials in the groundwater. To confirm or refute this idea I request that Mr. Delois and I sample the new well at the same time as the inspection next month. I also request that a sample be taken at the same time for Total Organic Carbon (T.O.C.). If the City cannot perform the T.O.C. test, then an outside laboratory should be engaged to run the test.

If you have any questions or would like to discuss these matters further, call me at 315-473-4375.

Very truly yours,

Charles J. Graessh, P.E.
Sanitary Engineer
Solid Waste Management

cc: Mr. O'Neill
Mr. Graessh
Mr. Datto

Region 7, Environmental Quality Office
7401 Henry Clay Boulevard
Liverpool, NY 13083

February 29, 1980

Mr. Bruce L. Clifford
City Manager
City of Auburn
Memorial City Hall
Auburn, NY 13021

Re: Auburn Refuse Disposal Area - Y06S01

Dear Mr. Clifford:

Attached is the facility inspection report for February.

While at the inspection I noted the new well was in place. I understand that the well driller was Barney Morivic, Inc., R. D. #5, Penn Yan, NY. I would like a copy of his driller's log and a profile sketch of the well as he installed it. Did the driller pump the well to surge it and clean up the well? What are your intentions in regard to procuring a pump for sampling? Please refer to my September 1979 correspondence outlining the chemical parameters to be sampled for the upgradient and downgradient wells. When you determine who will do your analysis and what pumping equipment you will have, please let me know.

During my inspection I also collected stream samples upgradient and downgradient of the landfill. The upgradient sample measured 940 micro-mhos of conductivity and the downgradient sample was 2,400 micro-mhos. There is no doubt that leachate from the old section of the landfill is entering the adjacent creek. The top of the old landfill has numerous depressions which are holding surface runoff until it percolates down through the old refuse creating leachate which exits the fill adjacent to the creek. I asked Mr. Bronze to fill these depressions with dirt before any more refuse is placed in that area. As I have stated before, drain grading and proper cover are of utmost importance in maintaining a proper sanitary landfill. The Auburn landfill must be brought into compliance with Part 360 requirements as soon as possible. I appreciate your continued cooperation in this matter.

If you have any questions, call me at (315) 473-8335.

Very truly yours,

Charles J. Branagh
Sanitary Engineer
Solid Waste Management

attach.

cc: Mr. O'Neill
Mr. Bronze
Mr. Catto

Charles Bronogh, Region 7
Dennis Wolterding, Sr. Eng. Geologist
Siting Downgradient Well at City of Auburn SLF, Facility # 06S01

September 17, 1979

9/17/79

In accordance with your request, I have suggested a possible location for the downgradient well at the Auburn Facility (06S01). The location, indicated as a red dot on the accompanying map, is based on the following assumptions:

1. Groundwater flow on the western slope of the landfill is roughly northeastward toward the stream.
2. The boring is to determine if groundwater contamination attributable to the Auburn SLF is occurring within the meaning of CFR 40 Part 257 and 6NYCRR Part 360 Criteria.

I suggest that if possible the boring be placed at (on a few feet north of) the Auburn SLF property boundary and that it be no closer to the stream (see map) than 50 feet. Further, in view of the till and clay soils on site, (see logs) I strongly recommend that a 4" O.D. well, screened and gravel - packed 10' below the seasonal water table, be the minimum diameter considered. Although this may cost a bit more, it will ensure that you get a sufficient and representative sample of the groundwater.

Should you have any further questions please call me at (518) 457-6605.

DW:bw

cc: C. Sastry
E. Barcomb
L. Gross
D. Halton

*- This is going to Auburn Landfill - make an extra copy
to go in Auburn Landfill file as we have another way of keeping
record of going there*

New York State Department of Environmental Conservation
50 Wolf Road, Albany, New York 12233 Room 401
Division of Solid Waste Management

RECEIVED
MAR 22 1979
DEPT. ENVIRONMENTAL
CONSERVATION SYRACUSE

Robert F. Flacke
Commissioner

March 20, 1979

Consolidated Scrap Processing Inc.
23 Perrine Street
Auburn, NY 13021

Gentlemen:

Enclosed please find your certificate(s) of registration, **7A-022**, for Septic Tank Cleaner and Industrial Waste Collector Registration, 1979-80. The proper certificate must be carried in each vehicle being utilized in your operation. This certificate must be presented upon demand to any State/Provincial or Local Law Enforcement officer or representative of the Department of Environmental Conservation. It will also be necessary for you to display your registration number in a prominent location on the sides and rear of each vehicle. The numerals must be at least three inches high and of a color which will contrast sharply with the background.

Please note that this certificate of registration is only for the wastes, disposal locations and conditions indicated on the certificate(s). You must notify this office of any additions or changes that you may wish to make. Should you have any questions regarding this registration or the rules and regulations pertaining to it, please feel free to contact this office at 518/457-3254.

Sincerely yours,

David L. Archibald
Sanitary Engineer
Bureau of Hazardous Waste

Enc.
cc - Region 7

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
SEPTIC TANK CLEANER & INDUSTRIAL WASTE COLLECTOR
CERTIFICATE OF REGISTRATION

Registration No. 7A-022 Vehicle License No. 3812 LV

THIS IS TO CERTIFY THAT

Name of Registrant Consolidated Scrap Processing Inc. Name of Business

Address 23 Perrine Street, Auburn, NY 13021 City Auburn State NY Zip Code 13021

having complied with the provisions of Environmental Conservation Law, §27-0301, is hereby authorized to engage in septic tank cleaning or waste collecting within the State of New York in the manner described hereon.

This certificate of registration will expire on March 31, 19 80, and is subject to revocation. Certificates are not transferable.

LANDS AND RECEIVING STATIONS APPROVED FOR DISPOSAL

Type of Waste	Location and Manner of Disposal
<u>iron oxide</u>	<u>City of Auburn landfill, Auburn, NY</u>

CONDITIONS: Additional sheet attached ☐ Yes ☒ No

Landfill must comply with Part 360.

In witness whereof, the Department of Environmental Conservation has caused the certificate of registration to be executed on this 20th day of March, 19 79.

By

47-06-1 (1/79)

New York State Department of Environmental Conservation Representative

12/78)

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

APPLICATION FOR SEPTIC TANK CLEANER AND INDUSTRIAL WASTE COLLECTOR REGISTRATION

TRIPPLICATE

1. NAME OF BUSINESS CONSOLIDATED SCRAP PROCESSING INC.		2. LOCATION WHERE VEHICLES ARE GARAGED 23 PERRINE STREET, AUBURN, NEW YORK		3. NO. OF VEHICLE 2
BUSINESS ADDRESS Street 23 PERRINE STREET		City & State AUBURN, NEW YORK	Zip Code 13021	Telephone No. (315)-253-0373
				REGISTRATION NO.

VEHICLES	VEHICLE NO.					
	1	2	3	4	5	6
MAKE	MACK	MACK				
YEAR	1966	1970				
COLOR	YELLOW	YELLOW				
LICENSE PLATE NO.	3812 LV	9222 MK				
STATE OF REGISTRATION	NEW YORK	NEW YORK				
TYPE (Tank, open, etc.)	TANK	TANK				
TANK CAPACITY	10 YDS	10 YDS				

NOTE: For additional vehicles and/or information, please attach a supplemental sheet and check here ☐

PHYSICAL AND CHEMICAL CHARACTER OF WASTES HANDLED

NOTE: If Industrial Wastes are handled, form SW-14 must also be completed.

IRON OXIDE AND DIRT IN POWDER FORM

LOCATION AND MANNER OF DISPOSAL

AUBURN LANDFILL

PLACE OR COMMUNITIES SERVED

CAYUGA COUNTY

Attach a map or sketch showing the disposal area of receiving station

10. Annual Registration Fee attached ☒ Yes ☐ No

I hereby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

SIGNATURE OF APPLICANT

12. PRINTED OR TYPED NAME

ALAN ARONECK

13. DATE

2/13/79

STATEMENT OF OWNERS OR OPERATORS OF DISPOSAL AREAS OR RECEIVING STATIONS

Permission is hereby granted to the above named applicant to dump the material stated in this application at site(s) listed below subject to the Rules and Regulations of the Department of Environmental Conservation governing disposal of such material at the designated area.

NAME OF DISPOSAL SITE OR RECEIVING STATION (1)

NAME OF DISPOSAL SITE OR RECEIVING STATION (2)

SIGNATURE

DATE

SIGNATURE

DATE

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SEPTIC TANK CLEANER AND INDUSTRIAL WASTE COLLECTOR ANNUAL REPORT

FANT (Business Name)

REGISTRATION NO.

CONSOLIDATED SCRAP PROCESSING, INC.

BUSINESS ADDRESS

23 PERRINE STREET, AUBURN, NEW YORK 13021

NUMBER OF INSTALLATIONS EMPTIED OR CLEANED DURING THE LAST CALENDAR YEAR

ONE

Fill in boxes below with the appropriate number of gallons of waste handled.

METHOD OF DISPOSAL

TYPE OF WASTE	A. Sewage Treatment Plant	B. Land Spreading	C. Sanitary Landfill	D. Lagooning	E. Incineration	F. Special Process	TOTAL
1. Septic tank or cesspool							
2. Marina holding tank or portable toilet							
3. Oil							
4. Sewage Treatment Plant Sludge							
5. Spent Chemicals							
6. Industrial Sludges							
7. Solvents							
8. Solids							
9. Animal Wastes							
10. Other (Specify)			Iron Oxide & Dirt - powder				
11. TOTAL			8448 CU. YDS.				

2. IF SEPTIC TANK WASTES ARE DISPOSED OF AT A SEWAGE TREATMENT PLANT, IS THE WASTE INTRODUCED AT:

☐ trunk line☐ plant influent☐ sludge digester

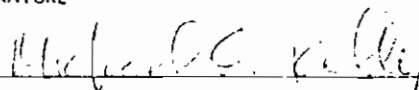
13. IF SPECIAL PROCESSES (F.) ARE INDICATED, BRIEFLY DESCRIBE EACH PROCESS USED:

I hereby affirm under penalty of perjury that information provided on this form is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

DATE

2/13/79

SIGNATURE



Region 7, Environmental Quality Office
7481 Henry Clay Boulevard, Liverpool, New York 13088

(315) 473-8311

March 13, 1979

Mr. David J. Fox
Supervisor Project Engineering
Singer Company, Climate Control Division
62 Columbus Street
Auburn, New York 13021

Re: "In-Place Toxics" Inspection

Dear Mr. Fox:

This will confirm my March 8, 1979 inspection of the Singer Company, Climate Control Division. This inspection was made to review Singer's practices of waste disposal, specifically a past practice of dumping waste lube oil and hydraulic oil to control weeds on Company grounds. It should be noted that this use of waste oil for weed control was practiced for only one season (e.g. 1977) and consisted of a maximum of 55 gallons of waste oil.

As a result of this inspection, this Regional Office is recommending that Singer Company, Climate Control Division be deleted from the Statewide "In Place Toxics" listing. The site of the waste oil disposal appears not to have suffered any permanent damage, and in the opinion of this writer, does not represent a serious health or environmental hazard. Of course, we discourage any future use of waste oil for weed control.

This inspection did highlight several aspects of plant operations which deserve comment. The first point involves your present practice of hauling and disposing of industrially generated wastes at the Auburn landfill. As we discussed, you will need an industrial waste hauler's permit to haul your waste materials to the City Landfill. Enclosed for your information and completion are the statutory authority (e.g. the Environmental Conservation Law, Part 364) and the permit application form. This application should be completed and forwarded to our Regional Solid Waste Engineer, Mr. Larry Gross, at the above address.

At present, the Auburn Landfill cannot accept all industrial wastes. Mr. Gross has indicated that the landfill should not be accepting waste oil. I would suggest that you contact Mr. Gross directly to determine what waste materials can properly be disposed of at the landfill and what waste materials require special treatment. A list of the "Industrial Waste Scavengers" licensed by this Department is also enclosed for your information.

March 13, 1979

Page 2

The second aspect of plant operations which requires comment is the drain in the paint/-solvent/adhesive storage room. The outfall from this drain should be identified; if, as suspected, the outfall is to a stormwater sewer, provisions must be made to contain and/or cleanup any contaminated water before discharge to the stormwater sewer. Monitoring of this outfall, as mandated by a SPDES (State Pollutant Discharge Elimination System) Permit may be required. If this drain discharges to a sanitary sewer, then any contamination would be handled at the City of Auburn wastewater treatment plant. We would ask that you advise this office in writing by April 12, 1979 as to where this drain discharges and how contaminated runoff from this drain will be handled.

We want to thank you for your cooperation in our "In-Place Toxics" investigation and related environmental matters. Should you wish to discuss the inspection or any part of this letter further, please feel free to contact me.

Very truly yours,

Kathleen DelPrete
Sanitary Engineer
Pure Waters

Enc.

cc: Mr. Gross
Cayuga County Health Dept.

~~425~~
In. a. N. 101

Division of Solid Waste Management

Room 401

RECEIVED
JAN 3 1979
DEPT. ENVIRONMENTAL
CONSERVATION SYRACUSE

December 29, 1978

Mr. Michael Kelly
Consolidated Scrap Processing Inc.
23 Perrine Street
Auburn, NY 13021

Dear Mr. Kelly:

As per our phone conversation of December 29, 1978, the disposal of the iron oxide and dirt in the Auburn landfill is acceptable as long as the material is landfilled in a separate area.

If you require any additional help or information, please contact me at (518)457-3254.

Very truly yours,

Bruce W. Knapp
Chemical Engineer
Bureau of Hazardous Waste

BWK:dn
cc - Mr. Gross



*File
Auburn LF*

CITY OF AUBURN

MEMORIAL CITY HALL
AUBURN, N.Y. 13021
Phone: (315) 252-9531

JOSEPH A. DALOIA
Supt. of Sewage Treatment
Director of Laboratories

February 14, 1978

Mr. William L. Catto, P.E., Director
Environmental Health Division
Department of Health - Cayuga County
160 Genesee Street
Auburn, New York 13021

Re: Monitoring Well - Landfill
Auburn (C), Cayuga County

Dear Mr. Catto:

Enclosed please find weekly bacteriological tests results of water samples taken from monitoring well at the City of Auburn Landfill. The information you requested in your letter of February 9, 1978.

The last posted results were for sample collected on January 24, 1978. Snow accumulation in the past two(2) weeks made it impossible to reach the area of the observation well. A sample was collected today (Feb. 14th) and the results will be forwarded to you on completion.

Sincerely yours,

JAD
Joseph A. Daloia, Supt.
Water & Wastewater Treatment

1 - enclosure

GROUND-WATER RESOURCES IN THE EASTERN OSWEGO RIVER BASIN, NEW YORK



Prepared for the
Eastern Oswego Regional Water Resources
Planning Board

by

I. H. Kantrowitz

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

in cooperation with

THE NEW YORK STATE CONSERVATION DEPARTMENT
DIVISION OF WATER RESOURCES

STATE OF NEW YORK
CONSERVATION DEPARTMENT
WATER RESOURCES COMMISSION

CHEMICAL QUALITY OF SURFACE WATER IN THE
EASTERN OSWEGO RIVER BASIN, NEW YORK

Prepared for the
EASTERN OSWEGO BASIN REGIONAL WATER RESOURCES
PLANNING BOARD

By

William J. Shampine

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

in cooperation with
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Basin Planning Report ORB-6
1973

By _____ Date _____
Chkd. by _____ Date _____
Subject _____

WE WEHRAN ENGINEERING
CONSULTING ENGINEERS

Job No. _____
Sheet No. _____ of _____

SAMPLING SUMMARY

Autumn Landfill

7-2-84 GW - Results cannot be used w/o appropriate cell

Parameter	M1 ^{drilled} _{reference}	M2	M3
200) Chloride mg/l	14.4	5.1	6.2
Conductance umhos/cm	800	2300	2800
(6.5-8.5) pH standard	7.8	7.6	7.8
TOC mg/l	48	7.0	22.5
→ (.3, IRON mg/l	0.11	<u>5.12</u>	<u>1.7</u>
(.025) Lead mg/l	<0.02	<0.02	<0.02
(5, ZINC mg/l	0.08	0.16	0.26

SW

See data-sheet need background levels

exceeded AA waters for:

Ammonia 80 mg/l

Phenol .034 mg/l

Iron 6.8 mg/l

Manganese .52 mg/l

Environmental LABORATORY

(315) 457 6711

Division of Calocerinos & Spina Consulting Engineers • 1020 Seventh North Street, Liverpool, NY 13068

To: AUBURN SANITATION DEPT.
285 N. DIVISION ST.
AUBURN, NY 13021

Date: Aug 07 1984

Attention: JAMES BREEZE

SAMPLE #4120

PAGE 1 OF 2

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT	: AUBURN SANITATION DEPT.	DATE RECEIVED	: 07/02/84
JOB #	: 155.002.00	DATE COLLECTED	: 07/02/84
LOCATION	: AUBURN LANDFILL DRAINAGE DITCH	TIME COLLECTED	: 1135
PRICE CODE	: STANDARD	METHOD	: GRAB

#	PARAMETER	RESULTS	UNITS
110	ALKALINITY (CaCO ₃)	1060	mg/l
200	BORON	1.4	mg/l
230	CHLORIDE	440.	mg/l
255	CONDUCTANCE	3200.	umhos/cm
305	HARDNESS (as CaCO ₃)	720.	mg/l
330	MEAS	<0.1	mg/l
→ 340	AMMONIA (as N)	80.0	mg/l 2.0
→ 390	TKN (as N)	80.0	mg/l
405	pH	8.0	Standard Units
→ 415	PHENOL	0.034	mg/l (1.00)
455	TOTAL-PHOS (as P)	0.20	mg/l
480	TS	2008.	mg/l
545	TOC	158	mg/l
585	ARSENIC	<0.002	mg/l 1.00
615	CADMIUM	<0.01	mg/l 1.2
640	CHROMIUM-T	<0.01	mg/l 1.00
670	COPPER	0.02	mg/l 1.2
→ 685	IRON	6.8	mg/l 1.4
695	LEAD	<0.05	mg/l

Environmental

(315) 457 6711

LABORATORY

Division of Calocerinos & Spina Consulting Engineers • 1020 Seventh North Street, Liverpool, NY 13058

SAMPLE #4120

PAGE 2 OF 2

LABORATORY ANALYSIS REPORT

#	PARAMETER	RESULTS	UNITS
725	MANGANESE	0.52	mg/l 05
735	MERCURY	<0.002	mg/l
785	SELENIUM	<0.002	mg/l
805	SILVER	<0.01	mg/l
885	ZINC	0.11	mg/l 02

*Analyzed on soluble portion of sample.

All analyses were conducted in accordance with EPA "Methods for Chemical Analysis of Water and Wastes (1983)" or "Standard Methods (15th Edition)" unless otherwise specified

SAMPLE CHARACTERIZATION

SAMPLE LOG NO. 1120

FLOW _____

JOB NO. _____

SOURCE

CLIENT Whurn Landfill

LOCATION Landfill (Drainage Ditch)

SAMPLE TYPE Grab

DATE COLLECTED _____

TIME COLLECTED 1135

SAMPLING

DATE SET _____

TIME SET _____

BY _____

DATE PICKED-UP 1135

TIME PICKED-UP _____

BY EDS, TN

SAMPLING METHOD: grab

NO. OF BOTTLES _____

PRESERVATION

FILTERED: YES ☒

NO _____

BY TN

PRESERVED: YES ☒

NO _____

BY TN

PRESERVATIVE: ☒ H₂SO₄

DATE 7/2/84

TIME _____

BY EDS, TN

☒ HNO₃

DATE 7/2/84

TIME _____

BY EDS, TN

☐ NaOH

DATE _____

TIME _____

BY _____

☒ H₃PO₄+CuSO₄

DATE 7/2/84

TIME _____

BY EDS, TN

☐ Zn(C₂H₃O₂)₂

DATE _____

TIME _____

BY _____

☒ COOLED TO 4°C

DATE 7/2/84

TIME _____

BY EDS, TN

☐ OTHER _____

DATE _____

TIME _____

BY _____

CUSTODY

DELIVERED TO LAB: DATE 7/2/84

TIME 1445

BY Tony Negali

RECEIVED BY Michael H. Campbell

DATE 7/2

TIME 1445

ANALYSIS

(Completed at CBS Environmental Laboratory)

DATE

PARAMETER

TECHNICIAN

TIME

METHOD

SAMPLE CHARACTERIZATION

SAMPLE LOG NO.

1120

FLOW

JOB NO.

SOURCE

CLIENT

Suburn Landfill

LOCATION

Landfill (Drainage Ditch)

SAMPLE TYPE

Grub

DATE COLLECTED

TIME COLLECTED

1135

SAMPLING

DATE SET

TIME SET

BY

DATE PICKED-UP

1135

TIME PICKED-UP

BY

GDS, TN

SAMPLING METHOD

grab

NO. OF BOTTLES

PRESERVATION

FILTERED: YES

NO

BY

TN

PRESERVED: YES

NO

BY

TN

PRESERVATIVE:

☒ H₂SO₄

DATE 7/2/84

TIME

BY

GDS, TN

☒ HNO₃

DATE 7/2/84

TIME

BY

GDS, TN

☐ NaOH

DATE

TIME

BY

☒ H₃PO₄ + CuSO₄

DATE 7/2/84

TIME

BY

GDS, TN

☐ Zn(C₂H₃O₂)₂

DATE

TIME

BY

☒ COOLED TO 4°C

DATE 7/2/84

TIME

BY

GDS, TN

☐ OTHER

DATE

TIME

BY

CUSTODY

DELIVERED TO LAB:

DATE

7/2/84

TIME

1445

BY

Tommy Nigoli

RECEIVED BY

James I. Blumhagen

DATE

7/2

TIME

1445

ANALYSIS

(Completed at GDS Environmental Laboratory)

DATE

PARAMETER

TECHNICIAN

TIME

METHOD

XC: Chuck Chasoff

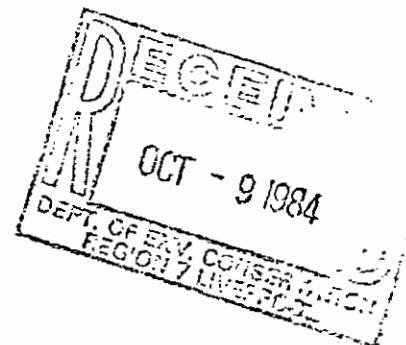


CITY OF AUBURN < - *General - R*

MEMORIAL CITY HALL
AUBURN, N.Y. 13021
Phone: (315) 252-9531

MICHAEL D. O'NEILL
City Engineer
Superintendent of Public Works

October 5, 1984



Mr. Richard Brickwedde
Regional Attorney
New York State Department of
Environmental Conservation
7481 Henry Clay Boulevard
Liverpool, New York 13088.

Re: Auburn Landfill

Dear Mr. Brickwedde:

Thankyou for your correspondence of September 28, 1984. Would you please forward the most recent N.Y.S.D.E.C. Solid Waste Management Guidelines as it was not enclosed with referenced letter? Upon receipt of this, the City will commence well site location.

Enclosed for your review are the third quarter well analyses.

Thankyou for your concern.

Yours truly,

Michael D. O'Neill
City Engineer
Supt. of Public Works

7-2-84

Well sampling

Environmental ES LABORATORY

(315) 457-6711

Division of Calocerinos & Spina Consulting Engineers • 1020 Seventh North Street, Liverpool, NY 13068

To: AUBURN SANITATION DEPT.
285 N. DIVISION ST.
AUBURN, NY 13021

Date: Aug 07 1984

Attention: JAMES BREEZE

SAMPLE #4119

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT : AUBURN SANITATION DEPT.

DATE RECEIVED : 07/02/84

JOB # : 155.002.00

DATE COLLECTED : 07/02/84

LOCATION : WELL #3

TIME COLLECTED : 1100

PRICE CODE : STANDARD

METHOD : GRAE

#	PARAMETER	RESULTS	UNITS
230	CHLORIDE	6.2	mg/l
255	CONDUCTANCE	2800.	umhos/cm
405	pH	7.8	Standard Units
545	TOC	22.5	mg/l
685	IRON	1.7	mg/l
695	LEAD	0.02	mg/l
885	ZINC	0.26	mg/l

*Analyzed on soluble portion of sample.

All analyses were conducted in accordance with EPA "Methods for Chemical Analysis of Water and Wastes (1983)" or "Standard Methods (15th Edition)" unless otherwise specified.



CITY OF AUBURN

MEMORIAL CITY HALL
AUBURN, N.Y. 13021
Phone: (315) 252-9531

MICHAEL D. O'NEILL
City Engineer
Superintendent of Public Works

April 9, 1984

Mr. Charles Chernoff
N.Y.S. Dept. of Environmental Conservation
7481 Henry Clay Boulevard
Liverpool, New York 13088

Re: Quarterly Monitoring Reports

Dear Mr. Chernoff:

Enclosed are the 1984 first quarter monitoring reports for the Auburn Landfill.

The City would like to discontinue the creek parameters for Boron, MBAS, Phenol, Total-Phos., Arsenic, Cadmium, Chromium, Chromium-Hex., Copper, Lead, Mercury, Selenium, and Silver.

Thankyou for your consideration. Should you need any additional information with respect to the City's Part 360 Permit Application please contact the undersigned.

Yours truly,

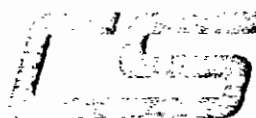

Michael D. O'Neill
City Engineer
Supt. of Public Works

well sampling

2-16-84

~~3-1-84~~

*elevated iron levels
no upgradient well*



Calocerinos & Spina
CONSULTING ENGINEERS

1020 Seventh North Street, Liverpool, NY 13088 - (315) 457-6711

**ENVIRONMENTAL
LABORATORY**

To: AUBURN SANITATION DEPT.
285 N. DIVISION ST.
AUBURN, NY 13021

Date: Mar 01 1984

Attention: JAMES BREEZE

SAMPLE #932

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT : AUBURN SANITATION DEPT.

DATE RECEIVED : 02/16/84

JOB # : 155.002.00

DATE COLLECTED : 02/16/84

LOCATION : WELL #1 (through refuse)

TIME COLLECTED : 1500

PRICE CODE : STANDARD

METHOD : GRAB

#	PARAMETER	RESULTS	UNITS
233	CHLORIDE-SOL	6.9	mg/l
260	CONDUCTANCE-SOL	745.	umhos/cm
410	pH-SOL	7.3	Standard Units
550	TOC-SOL	42.5	mg/l
620	CADMIUM-SOL	<0.01	mg/l
645	CHROMIUM-T-SOL	<0.01	mg/l
690	IRON-SOL	0.58	mg/l
700	LEAD-SOL	<0.02	mg/l
890	ZINC-SOL	0.88	mg/l

All analyses were conducted using EPA "Methods for Chemical Analysis of Water and Wastes (1983)" or "Standard Methods (15th Edition)".



Calocerinos & Spina
CONSULTING ENGINEERS

1020 Seventh North Street, Liverpool, NY 13088 • (315) 457-6711

**ENVIRONMENTAL
LABORATORY**

To: AUBURN SANITATION DEPT.
285 N. DIVISION ST.
AUBURN, NY 13021

Date: Mar 01 1984

Attention: JAMES BREEZE

SAMPLE #933

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT : AUBURN SANITATION DEPT.

DATE RECEIVED : 02/16/84

DB # : 155.002.00

DATE COLLECTED : 02/16/84

LOCATION : WELL #2

TIME COLLECTED : 1430

PRICE CODE : STANDARD

METHOD : GRAB

#	PARAMETER	RESULTS	UNITS
233	CHLORIDE-SOL	5.9	mg/l
260	CONDUCTANCE-SOL	2150.	umhos/cm
410	pH-SOL	7.3	Standard Units
550	TOC-SOL	6.5	mg/l
620	CADMIUM-SOL	<0.01	mg/l
645	CHROMIUM-T-SOL	<0.01	mg/l
690	IRON-SOL	2.59	mg/l
700	LEAD-SOL	<0.02	mg/l
890	ZINC-SOL	0.12	mg/l

All analyses were conducted using EPA "Methods for Chemical Analysis of Water and Wastes (1983)" or "Standard Methods (15th Edition)".

Calocerinos & Spina
CONSULTING ENGINEERS

1020 Seventh North Street, Liverpool, NY 13068 • (315) 457-6711

ENVIRONMENTAL
LABORATORY

To: AUBURN SANITATION DEPT.
285 N. DIVISION ST.
AUBURN, NY 13021

Date: Mar 01 1984

Attention: JAMES BREEZE

SAMPLE #934

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT : AUBURN SANITATION DEPT.

DATE RECEIVED : 02/16/84

OB # : 155.002.00

DATE COLLECTED : 02/16/84

LOCATION : WELL #3

TIME COLLECTED : 1530

PRICE CODE : STANDARD

METHOD : GRAB

#	PARAMETER	RESULTS	UNITS
233	CHLORIDE-SOL	6.9	mg/l
260	CONDUCTANCE-SOL	2600.	umhos/cm
410	pH-SOL	7.5	Standard Units
550	TOC-SOL	8.0	mg/l
620	CADMIUM-SOL	<0.01	mg/l
645	CHROMIUM-T-SOL	<0.01	mg/l
690	IRON-SOL	0.17	mg/l
700	LEAD-SOL	<0.02	mg/l
890	ZINC-SOL	0.23	mg/l

All analyses were conducted using EPA "Methods for Chemical Analysis of Water and Wastes (1983)" or "Standard Methods (15th Edition)".

Calocerinos & Spina
CONSULTING ENGINEERS

1020 Seventh North Street, Liverpool, NY 13088 • (315) 457-6711

**ENVIRONMENTAL
LABORATORY**

To: AUBURN SANITATION DEPT.
285 N. DIVISION ST.
AUBURN, NY 13021

Date: Mar 03 1984

Attention: JAMES BREEZE

SAMPLE #935

LABORATORY ANALYSIS REPORT

SAMPLE SUMMARY

CLIENT : AUBURN SANITATION DEPT.

DATE RECEIVED : 02/16/84

JOB # : 155.002.00

DATE COLLECTED : 02/16/84

LOCATION : CREEK

TIME COLLECTED : 1440

PRICE CODE : STANDARD

METHOD : GRAB

#	PARAMETER	RESULTS	UNITS
110	ALKALINITY (CaCO ₃)	294.	mg/l
200	BORON	<0.1	mg/l
230	CHLORIDE	77.2	mg/l
255	CONDUCTANCE	930.	umhos/cm
305	HARDNESS (as CaCO ₃)	332.	mg/l
330	MEAS	<0.1	mg/l
340	AMMONIA (as N)	8.60	mg/l
390	TKN (as N)	10.2	mg/l
405	pH	7.9	Standard Units
415	PHENOL	0.025	mg/l
455	TOTAL-PHOS (as P)	0.12	mg/l
480	TS	628.	mg/l
485	TSS	32.0	mg/l
545	TOC	34.0	mg/l
585	ARSENIC	<0.002	mg/l
615	CADMIUM	<0.01	mg/l
640	CHROMIUM-T	<0.01	mg/l
650	CHROMIUM-HEX	<0.004	mg/l
670	COPPER	0.01	mg/l
685	IRON	3.81	mg/l

is & Spina
ENGINEERS

ENVIRONMENTAL
LABORATORY

100 South Street, Liverpool, NY 13028 • (315) 457-6711

To:

ant Date: September 25, 1980

GW monitoring well

File No. 155.001

Atten:

9-17-80

Sample No. 2301

ANALYSIS REPORT

Source Auburn Sewage Treatment Plant Date Collected N/A Date Received 9/17/80

Location Ground Water - Monitoring Well-Landfill Time Collected 1000 Sample Type Grab

Parameter	G.W. STD.	RCRA STD.	Result	Parameter	G.W.	RCRA	Result
Total Residue on Evaporation			2,508. mg/l	Chromium - Hex.	.05	.05	0.005 mg/l
Total Suspended Solids			18.0 mg/l	Copper	1.0	1.0	0.02 mg/l
Total Dissolved Solids		500	2,490. mg/l	Iron	0.3	0.3	11.4 mg/l
Total Organic Carbon			16.0 mg/l	Lead	0.025	0.05	0.10 mg/l
Phenol	.001		<0.010 mg/l	Manganese	0.3	0.05	0.55 mg/l
Alkalinity (as CaCO ₃)			74.0 mg/l	Mercury	0.002	0.002	<0.002 mg/l
Hardness (as CaCO ₃)			1,725. mg/l	Zinc	5	5	0.01 mg/l
Chloride		250	10.0 mg/l	Conductivity			2,857 umhos/cm
Arsenic	0.025		<0.002 mg/l	pH	6.5-7.5	6.5-7.5	6.9
Cadmium	0.01	0.01	<0.01 mg/l	Silver	0.05		<0.01 mg/l
				Selenium	0.02	0.01	<0.002 mg/l

All analyses were conducted using EPA "Methods for Chemical Analysis of Water and Wastes (1979)" or "Standard Methods (14th Edition)".

NEW YORK STATE DEPARTMENT OF HEALTH
DIVISION OF LABORATORIES AND RESEARCH
ENVIRONMENTAL HEALTH CENTER

RESULTS OF EXAMINATION
(PAGE 1 OF 2)

LAR ACCESSION NO: 02898 YR/MO/DAY/HR SAMPLE REC'D: 76/04/27/14

REPORTING LAB: 34 SYRACUSE LAB
PROGRAM: 650 SOLID WASTES
STATION (SOURCE) NO:
DRAINAGE BASIN: 07 NY GAZETTEER NO: 0501 COUNTY: CAYUGA
COORDINATES: DEG "N, DEG "W
COMMON NAME INCL SUBMITTED: AUBURN SANITARY LANDFILL

EXACT SAMPLING POINT: UPSTREAM OF SANITARY LANDFILL
TYPE OF SAMPLE: 24 LEACHATE
MO/DAY/HR OF SAMPLING: FROM 00/00 TO 04/27/13
REPORT SENT TO: CD (1) RO (2) LPHE (1) LHO (0) FED (0) CHEM (0)

PARAMETER	UNIT	RESULT	NOTATION
009701 CADMIUM	MG/L	0.02	LT
009801 CHROMIUM, TOTAL	MG/L	0.1	LT
009901 COPPER	MG/L	0.05	LT
010001 IRON	MG/L	1.3	
010101 LEAD	MG/L	0.1	
010901 ZINC	MG/L	0.06	
006501 C.O.D.	MG/L	23.	
002501 SOLIDS, TOTAL	MG/L	511.	
002601 SOLIDS, TOTAL, VOLATILE	MG/L	68.	
039701 SOLIDS TOTAL FIXED	MG/L	443.	
002401 SULFATE AS SO4	MG/L	42.	
002701 PHENOLS	MG/L	0.001	LT

DATE COMPLETED: 6/09/76

N.Y.S. ENVIRONMENTAL CONSERVATION DEPT.
REGION 7, ENVIRONMENTAL QUALITY OFFICE
100 ELWOOD DAVIS ROAD
NORTH SYRACUSE, N.Y. 13212

SUBMITTED BY: SHENEMN

TRANSMITTAL SLIP

BRUCE CLIFFORD, AUBURN CITY MANAGER

CHARLES BRANCH, NYS DEC., SYRACUSE

DATE 9-20-79

ATTACHED IS FURTHER GUIDANCE FROM MR. WOLTERDINK
OF OUR ALBANY OFFICE. PLEASE USE THE INFORMATION IN
MR. WOLTERDINK'S SEPT. 17, 1979 MEMO IN LOCATING
AND CONSTRUCTING THE TOWN GRADIENT WELL.

FOR ACTION AS INDICATED:

- ☐ Please Handle
☐ Prepare Reply
☐ Prepare Reply for _____
Signature
☐ Information
☐ Approval
☐ Prepare final/draft in _____ copies

- ☐ Comments
☐ Signature
☐ File
☐ Return to me
☐ _____
☐ _____

Auburn
Lundell

monitoring well log
MB

Bacteriological

Leachate sample
PRE 1980 - do not
know protocol, etc.

NEW YORK STATE DEPARTMENT OF HEALTH
DIVISION OF LABORATORIES AND RESEARCH
ENVIRONMENTAL HEALTH CENTER

RESULTS OF EXAMINATION
(PAGE 1 OF 2)

LAB ACCESSION NO: 02897 YR/MO/DAY/HR SAMPLE REC'D: 76/04/27/14

REPORTING LAB: 34 SYRACUSE LAB

PROGRAM: 650 SOLID WASTES

STATION (SOURCE) NO:

DRAINAGE BASIN: 07 NY GAZETTEER NO: 0501 COUNTY: CAYUGA

COORDINATES: DEG ' "N, DEG ' "W

COMMON NAME INCL SUBMITTED: AUBURN SANITARY LANDFILL

EXACT SAMPLING POINT: DOWNSTREAM OF LANDFILL

TYPE OF SAMPLE: 24 LEACHATE

MO/DAY/HR OF SAMPLING: FROM 00/00 TO 04/27/13

REPORT SENT TO: CO (1) RO (2) LPHE (1) LHO (0) FED (0) CHEM (0)

PARAMETER	UNIT	RESULT	NOTATION
009701 CADMIUM	MG/L	0.02	LT
009801 CHROMIUM, TOTAL	MG/L	0.1	LT
009901 COPPER	MG/L	0.05	LT
010001 IRON	MG/L	3.3	
010101 LEAD	MG/L	0.1	LT
010901 ZINC	MG/L	0.66	
006501 C.O.D.	MG/L	140.	
002501 SOLIDS, TOTAL	MG/L	547.	
002601 SOLIDS, TOTAL, VOLATILE	MG/L	130.	
039701 SOLIDS TOTAL FIXED	MG/L	417.	
002401 SULFATE AS SO4	MG/L	65.	
002701 PHENOLS	MG/L	0.079	

DATE COMPLETED: 6/08/76

N.Y.S. ENVIRONMENTAL CONSERVATION DEPT.
REGION 7, ENVIRONMENTAL QUALITY OFFICE
100 ELWOOD DAVIS ROAD
NORTH SYRACUSE, N.Y. 13212

SUBMITTED BY: SHENEMN

1707 fl.

Waste Disposal Area 2.6.00

— 500 —

Location

(Common Name)

County

Gazetteer Number

[illegible]

NEW YORK STATE DEPARTMENT OF HEALTH
DIVISION OF LABORATORIES AND RESEARCH
ENVIRONMENTAL HEALTH CENTER

RESULTS OF EXAMINATION
(PAGE 2 OF 2)

LAB ACCESSION NO: 02898 YR/MO/DAY/HR SAMPLE REC'D: 76/04/27/14

REPORTING LAB: 34 SYRACUSE LAB

PROGRAM: 650 SOLID WASTES

STATION (SOURCE) NO:

DRAINAGE BASIN: 07 NY GAZETTEER NO: 0501 COUNTY: CAYUGA

COORDINATES: DEG ' "N, DEG ' "W

COMMON NAME INCL SUBMITTED: AUBURN SANITARY LANDFILL

EXACT SAMPLING POINT: UPSTREAM OF SANITARY LANDFILL

TYPE OF SAMPLE: 24 LEACHATE

MO/DAY/HR OF SAMPLING: FROM 00/00 TO 04/27/13

REPORT SENT TO: CO (1) RO (2) LPHE (1) LHO (0) FED (0) CHEM (0)

PARAMETER	UNIT	RESULT	NOTATION
002901 CYANIDES AS CN	MG/L	0.2	LT
103800 CONDUCT, 25DEG,US/CM2 W		820.	
001900 PH (LABORATORY)		7.2	
001501 ALKALINITY,M'ORANGE,	MG/L	250.	
000709 NITROGEN, NITRITE	MCG/L	52.	
000601 NITROGEN,NITRATE	MG/L	2.9	
001001 CHLORIDE	MG/L	81.	
107101 PHOSPHATE, TOTAL AS P	MG/L	0.35	
000501 NITROGEN, AMMONIA	MG/L	0.28	
006401 NITROGEN KJELD,INC,NH3	MG/L	2.5	

DATE COMPLETED: 6/08/76

N.Y.S. ENVIRONMENTAL CONSERVATION DEPT.
REGION 7, ENVIRONMENTAL QUALITY OFFICE
100 ELWOOD DAVIS ROAD
NORTH SYRACUSE, N.Y. 13212

SUBMITTED BY: SHENEMN

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1: $\text{Production Rate} = \text{Heat Size} \div \text{lap} \div \text{lap time} = 81.5 \text{ tons} \div 1.5 \text{ hr.} = 46.6 \text{ tons per hour}$

$$Z = \text{Emission Rate Potential} : \text{Particulates} - \text{Melting \& Refining} - \text{Exp} = 46.6 \times 41.4 \text{ lb/ton} = 1,929 \text{ lb/hr.}$$

Charging & lapping - ERP = 46.8 x 1.5 lb/ton = 70 lb/hr.

3: Actual Emissions : Particulates

$$\begin{aligned} & \times \frac{307,000 \text{ ACFM}}{816 \text{ ACFM}} \times \frac{7000 \text{ gr}}{46.6 \times 2000} \times \frac{1 \text{ hr}}{8.89 \text{ lb/hr.}} \times 29.6 \text{ tons per year} \end{aligned}$$

Charging & lapping = 228 x 20% escaping hood x 50% escaping bldg. = 22.8 tons per year

Annual production is defined as total process weight charged to furnace annually.

[illegible]

REC.	SOLID FUEL		OIL		GAS		CONTROL EQUIPMENT		CONTROL EQUIPMENT		PROCESS CODE	APPLICABLE CODE(S)				
	TYPE	LBS/HR	%S	TYPE	G P H	TYPE	C F H	TYPE	NUMBER	TYPE			NUMBER			
G	79.	180	181.	102.	183.	104.	105.	186.	188.	189.	190.	191.	192.	193.	194.	195.

6-12-53 (11/77) formerly AIR 100 I

LOCATION FACILITY EMISSION POINT

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

AD THE INSTRUCTIONS
CONTAINED IN FORM 70-11-12
FOR ANSWERING ANY
QUESTION.

PROCESS, EXHAUST OR VENTILATION SYSTEM

APPLICATION FOR PERMIT TO CONSTRUCT OR CERTIFICATE TO OPERATE

COPIES
WHITE - ORIGINAL
GREEN - CENTRAL OFFICE
WHITE - REGIONAL OFFICE
PINK - FIELD REP.
YELLOW - APPLICANT

1. NAME OF OWNER/FIRM Austeel		9. NAME OF AUTHORIZED AGENT Hatch Associates Consultants, Inc.		10. TELEPHONE (716) 853-7800		19. FACILITY NAME (IF DIFFERENT FROM OWNER/FIRM) Same	
2. NUMBER AND STREET ADDRESS Quarry Street Auburn		11. NUMBER AND STREET ADDRESS Suite 811, Rand Building 14 Lafayette Square Buffalo		13. STATE N.Y.		20. FACILITY LOCATION (NUMBER AND STREET ADDRESS) Quarry Street Auburn	
3. CITY - TOWN - VILLAGE Auburn		4. STATE N.Y.		5. ZIP 13021		21. CITY - TOWN - VILLAGE Auburn	
6. OWNER CLASSIFICATION A. ☐ COMMERCIAL C. ☐ UTILITY F. ☐ MUNICIPAL I. ☐ RESIDENTIAL B. ☒ INDUSTRIAL D. ☐ FEDERAL G. ☐ EDUC. INST. J. ☐ OTHER		12. CITY - TOWN - VILLAGE Buffalo		14. ZIP 14203		22. COUNTY Cayuga	
7. NAME & TITLE OF OWNERS REPRESENTATIVE William J. Humes Senior Vice President		15. NAME OF P.E. OR ARCHITECT PREPARING PLANS R.W. Wilson		17. TELEPHONE (716) 853-7800		23. BLDG. NAME OR NUMBER N.A.	
8. TELEPHONE (315) 253-4491		16. N.Y.S. P.E. OR ARCHITECTS LICENSE NO. 43733		18. SIGNATURE OF OWNER'S REPRESENTATIVE OR AUTHORIZED AGENT <i>[Signature]</i>		24. FLOOR NAME OR NUMBER N.A.	
29. LOCATION CODE 05010603003721874643325		30. FACILITY ID. NO. 03003721874643325		31. U.T.M.(E) 03003721874643325		25. DATE APPLICATION COMPLETED 5-8-79	
32. U.T.M.(N) 03003721874643325		33. SIC NUMBER 03003721874643325		34. DATE APPL. RECEIVED 5-8-79		26. DATE OF OPERATION 5-8-79	
35. DATE APPL. REVIEWED 5-8-79		36. REVIEWED BY <i>[Signature]</i>		37. DATE ISSUED 5-8-79		27. PERMIT TO CONSTRUCT A. ☐ NEW SOURCE B. ☒ MODIFICATION	
38. EXPIRATION DATE 5-8-79		39. SIGNATURE OF APPROVAL <i>[Signature]</i>		40. CONDITIONS: 1. DEVIATION FROM APPROVED APPLICATION SHALL VOID THIS PERMIT 2. THIS IS NOT A CERTIFICATE TO OPERATE 3. TESTS AND/OR ADDITIONAL AIR POLLUTION CONTROL EQUIPMENT MAY BE REQUIRED PRIOR TO THE ISSUANCE OF A CERTIFICATE TO OPERATE 4. STACK TEST REQUIRED YES ☐ NO ☒		28. CERTIFICATE TO OPERATE A. ☐ NEW SOURCE C. ☐ EXISTING B. ☐ MODIFICATION	
41. DATE ISSUED 5-8-79		42. EXPIRATION DATE 5-8-79		43. SIGNATURE OF APPROVAL <i>[Signature]</i>		29. CERTIFICATE TO OPERATE A. ☐ NEW SOURCE C. ☐ EXISTING B. ☐ MODIFICATION	
44. INSPECTED BY 5-8-79		45. INSPECTION DISCLOSED DIFFERENCES AS BUILT VS PERMIT; CHANGES INDICATED 5-8-79		46. ISSUE A CERTIFICATE TO OPERATE FOR LIMITED DURATION PENDING APPROVAL OF STACK TESTS. 5-8-79		30. CERTIFICATE TO OPERATE A. ☐ NEW SOURCE C. ☐ EXISTING B. ☐ MODIFICATION	
47. HAVE EPISODE ACTION PLANS BEEN ACCEPTED FOR THIS SOURCE EXEMPT ☐ YES ☐ NO ☒		48. APPLICATION FOR C.O. DENIED 5-8-79		49. SPECIAL CONDITIONS ATTACHED 5-8-79		31. CERTIFICATE TO OPERATE A. ☐ NEW SOURCE C. ☐ EXISTING B. ☐ MODIFICATION	

UPON COMPLETION OF CONSTRUCTION, SIGN THE STATEMENT LISTED BELOW AND FORWARD TO THE APPROPRIATE FIELD REPRESENTATIVE

I HEREBY AFFIRM UNDER PENALTY OF PERJURY THAT TO THE BEST OF MY KNOWLEDGE THE PROCESS, EXHAUST OR VENTILATION SYSTEM HAS BEEN CONSTRUCTED AND WILL BE OPERATED IN ACCORDANCE WITH STATED SPECIFICATIONS AND IN CONFORMANCE WITH ALL PROVISIONS OF EXISTING REGULATIONS. FALSE STATEMENTS MADE HEREIN ARE PUNISHABLE AS A CLASS A MISDEMEANOR PURSUANT TO SECTION 210.45.

SIGNATURE OF AUTHORIZED REPRESENTATIVE OR AGENT

DATE

Auburn Steel

AUBURN STEEL COMPANY, INC. • Auburn, N.Y. 13021

Address reply to: P.O. Box 2008

February 10, 1981

New York State Department
of Environmental Conservation
Region 7
Environmental Quality Office
7481 Henry Clay Boulevard
Liverpool, NY 13088

Attention: Charles Branagh, P.E.
Senior Sanitary Engineer
Solid Waste Management

Dear Mr. Branagh:

I am pleased to inform you we have finally overcome the obstacles encountered in getting approval for I.U. Conversions to accept our baghouse dust at their approved disposal facility.

We began cleanup of the material stored on site February 7, and anticipate, if no further delays are encountered, we will complete cleanup by February 18, 1981.

Your consideration in this matter has been greatly appreciated.

Sincerely,

AUBURN STEEL COMPANY, INC.



William Daniels
Project Engineer

/s/m

cc: G. Deptula
N. Boyce

RECEIVED

FEB 11 1981

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
DENVER, COLORADO

REGION



NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID WASTE MANAGEMENT
FACILITY INSPECTION REPORT

FACILITY NAME

LOCATION

AUBURN S.L.F. AUBURN N.Y.

PERSONS INTERVIEWED & TITLES

MR. CLIFFORD

MR. DUNN

MR. BRADLEY

SITE SKETCH/COMMENTS (additional sheets attached ☐ YES ☐ NO)

Site appears in good condition
as covering operations proceed.
Third millings will have been installed
downgradient of the landfill area.

LEACHATE

1. Leachate is entering surface water.
2. Leachate is known to be contravening groundwater standards.
3. Refuse is being placed into water.

BURNING

4. Refuse is burning without permit or not under permit conditions.
5. There is evidence of unapproved previous burning.

COVER

6. Previous days refuse is not covered.
7. Refuse is protruding through daily, intermediate or final cover.
8. Intermediate or final cover is not in place or improperly applied.

GRADING

9. Depressions, ponding, cracked cover, or slopes steeper than 3 to 1 exist.
10. Vegetative cover is missing or inadequate on completed areas.
11. Soil erosion or other drainage problems exist.

SEPARATION DISTANCES

12. Refuse is closer than 50 feet to site boundaries.
13. Refuse is being placed less than 5 feet above groundwater or bedrock.
14. Refuse is being placed too close to surface water.

NUISANCE CONDITIONS

15. Odors are detectable off site.
16. Blowing dust or dirt is a nuisance.
17. Papers are uncontrolled or are blowing off-site.
18. Methane gas is known to be leaving the site.
19. Noise is a nuisance off-site.

OPERATION CONTROL

20. Operation Permit conditions are being violated. (List violations)
21. Refuse is not sufficiently confined or controlled.
22. Refuse is spread in layers thicker than 2 feet.
23. Refuse is not compacted or compacted insufficiently.
24. The working face height is greater than 10 feet.
25. Equipment on the site is not adequate for proper operation.

SAFETY AND HEALTH

26. Salvaging is uncontrolled or is creating a nuisance.
27. Rodents, insects, birds, or other vectors are not controlled.
28. Unsafe conditions or equipment exist. (List items)

ACCESS CONTROL

29. Access to the site is improper, unsafe, or inadequately controlled.
30. The site is open without an attendant.
31. Information about the site is not posted. (e.g., hours of operation)
32. Access to the operating area is poor or unsafe.

OTHER

33. Uncontrolled leachate is visible on, or near the site.
34. The quality of cover material is inadequate.
35. The working face is steeper than a 3 to 1 slope.
36. Monitoring wells are not operative.
37. Unapproved wastes have been deposited since last inspection.
38. Operator is unfamiliar with waste boundaries, operation plan or permit

MARK BOXES WITH "X" ONLY IF ANSWER IS YES

Central Office Copy

CENTRAL OFFICE COPY

INSPECTOR'S SIGNATURE

C. B. Bradley

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID WASTE MANAGEMENT
FACILITY INSPECTION REPORT

TRANS. TYPE	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
1. Delic																						
2. Add																						
3. Change																						
4. CARD 21																						
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- LEACHATE
1. Leachate is entering surface water.
 2. Leachate is known to be contravening groundwater standards.
 3. Refuse is being placed into water.
- BURNING
4. Refuse is burning without permit or not under permit conditions.
 5. There is evidence of unapproved previous burning.
- COVER
6. Previous days refuse is not covered.
 7. Refuse is protruding through daily, intermediate or final cover.
 8. Intermediate or final cover is not in place or improperly applied.
- GRADING
9. Depressions, ponding, cracked cover, or slopes steeper than 3 to 1 exist.
 10. Vegetative cover is missing or inadequate on completed areas.
 11. Soil erosion or other drainage problems exist.
- SEPARATION DISTANCES
12. Refuse is closer than 50 feet to site boundaries.
 13. Refuse is being placed less than 5 feet above groundwater or bedrock.
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- NUISANCE CONDITIONS
15. Odors are detectable off site.
 16. Blowing dust or dirt is a nuisance.
 17. Papers are uncontrolled or are blowing off-site.
 18. Methane gas is known to be leaving the site.
 19. Noise is a nuisance off-site.
- OPERATION CONTROL
20. Operation permit conditions are being violated. (List violations)
 21. Refuse is not sufficiently confined or controlled.
 22. Refuse is spread in layers thicker than 2 feet.
 23. Refuse is not compacted or compacted insufficiently.
 24. The working face height is greater than 10 feet.
 25. Equipment on the site is not adequate for proper operation.
- SAFETY AND HEALTH
26. Salvaging is uncontrolled or is creating a nuisance.
 27. Rodents, insects, birds, or other vectors are not controlled.
 28. Unsafe conditions or equipment exist. (List items)
- ACCESS CONTROL
29. Access to the site is improper, unsafe, or inadequately controlled.
 30. The site is open without an attendant.
 31. Information about the site is not posted. (e.g., hours of operation)
 32. Access to the operating area is poor or unsafe.
- OTHER
33. Uncontrolled leachate is visible on, or near the site.
 34. The quality of cover material is inadequate.
 35. The working face is steeper than a 3 to 1 slope.
 36. Monitoring wells are not operative.
 37. Unapproved wastes have been deposited since last inspection.
 38. Operator is unfamiliar with site boundaries, operation plan or permit conditions.

MARK BOXES WITH "X" ONLY IF ANSWER IS YES
CENTRAL OFFICE COPY

FACILITY NAME Auburn RDA	LOCATION Auburn
PERSONS INTERVIEWED & TITLES Jim Brazee - Landfill Supervisor	
SITE SKETCH/COMMENTS (additional sheets attached ☐ YES ☒ NO)	
Division St	
Inspector's Signature Steve B. Blum	

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID WASTE MANAGEMENT
FACILITY INSPECTION REPORT



REGION

FACILITY NAME

AUBURN SLF

LOCATION

CITY OF AUBURN

PERSONS INTERVIEWED & TITLES

72

REMARKS

1 TRANS. TYPE
2 FACILITY NO. 7
8 DATE
13 14 TIME 17
05501/0927/1/00
INSPECTOR'S NAME
30 37 38
C. B. BROWN

20	CARD 21	22	INSPECTOR'S NAME	30	37	38	72
1	TRANS. TYPE	2	FACILITY NO. 7	8	DATE	13 14 TIME 17	05501/0927/1/00
3	Change	4	Add	5	Delete	6	
7	20	21	22	23	24	25	26
27	28	29	30	31	32	33	34
35	36	37	38	39	40	41	42
43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58
60	61	62	63	64	65	66	67
69	70	71	72	73	74	75	76
78	79	80	81	82	83	84	85
87	88	89	90	91	92	93	94
96	97	98	99	100	101	102	103

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COVER

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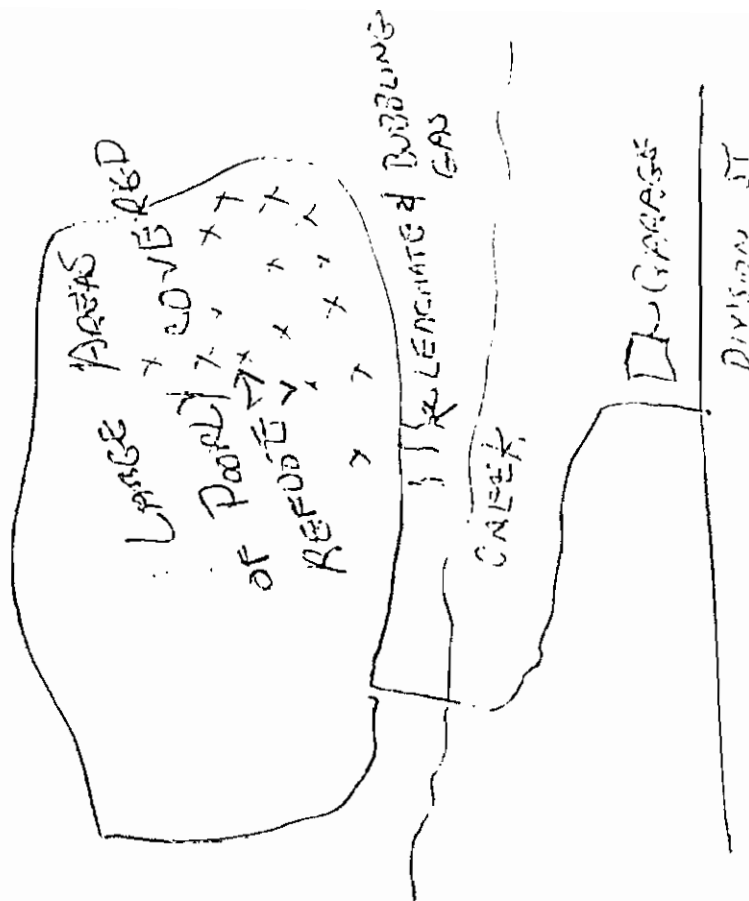
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MARK BOXES WITH "X" ONLY IF ANSWER IS YES
CENTRAL OFFICE COPY

SITE SKETCH/COMMENTS (additional sheets attached ☐ YES ☐ NO)

INSPECTOR'S SIGNATURE

C. B. BROWN

REVISION

47-11/79

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID WASTE MANAGEMENT
FACILITY INSPECTION REPORT



1	INS. TYPE	2	FACILITY NO.	7	DATE	13	14	TIME	17
2	Change	3	INSPECTOR'S NAME	36	37	38			
4	20	21	22	C. Brannagh					
5	20	21	22	CARD 21 22					

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
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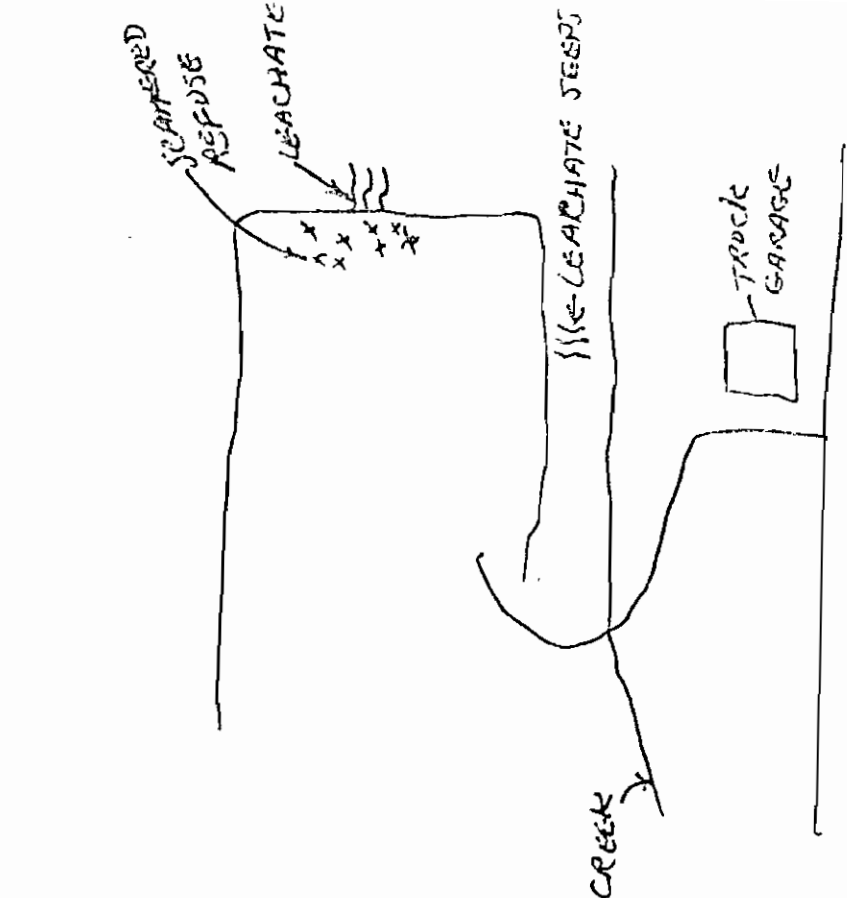
MARK BOXES WITH "X" ONLY IF ANSWER IS YES
CENTRAL OFFICE COPY

FACILITY NAME
AUBURN RDA

PERSONS INTERVIEWED & TITLES
JIM BRANNAGH

LOCATION
CITY OF AUBURN

SITE SKETCH/COMMENTS (additional sheets attached) ☐ YES ☐ NO



C. Brannagh
INSPECTOR'S SIGNATURE

REGION

47-11 79)

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID WASTE MANAGEMENT
FACILITY INSPECTION REPORT



1	TRANS. TYPE	1	20	CARD 21	22	INSPECTOR'S NAME	2	FACILITY NO.	7	8	DATE	13	14	TIME	17
2	Delte	1	20	CARD 21	22	INSPECTOR'S NAME	2	FACILITY NO.	7	8	DATE	13	14	TIME	17
3	Add	2	20	CARD 21	22	INSPECTOR'S NAME	2	FACILITY NO.	7	8	DATE	13	14	TIME	17
4	Change	3	20	CARD 21	22	INSPECTOR'S NAME	2	FACILITY NO.	7	8	DATE	13	14	TIME	17
5		4	20	CARD 21	22	INSPECTOR'S NAME	2	FACILITY NO.	7	8	DATE	13	14	TIME	17
6		5	20	CARD 21	22	INSPECTOR'S NAME	2	FACILITY NO.	7	8	DATE	13	14	TIME	17
7		6	20	CARD 21	22	INSPECTOR'S NAME	2	FACILITY NO.	7	8	DATE	13	14	TIME	17
8		7	20	CARD 21	22	INSPECTOR'S NAME	2	FACILITY NO.	7	8	DATE	13	14	TIME	17
9		8	20	CARD 21	22	INSPECTOR'S NAME	2	FACILITY NO.	7	8	DATE	13	14	TIME	17
10		9	20	CARD 21	22	INSPECTOR'S NAME	2	FACILITY NO.	7	8	DATE	13	14	TIME	17
11		10	20	CARD 21	22	INSPECTOR'S NAME	2	FACILITY NO.	7	8	DATE	13	14	TIME	17
12		11	20	CARD 21	22	INSPECTOR'S NAME	2	FACILITY NO.	7	8	DATE	13	14	TIME	17
13		12	20	CARD 21	22	INSPECTOR'S NAME	2	FACILITY NO.	7	8	DATE	13	14	TIME	17
14		13	20	CARD 21	22	INSPECTOR'S NAME	2	FACILITY NO.	7	8	DATE	13	14	TIME	17
15		14	20	CARD 21	22	INSPECTOR'S NAME	2	FACILITY NO.	7	8	DATE	13	14	TIME	17
16		15	20	CARD 21	22	INSPECTOR'S NAME	2	FACILITY NO.	7	8	DATE	13	14	TIME	17
17		16	20	CARD 21	22	INSPECTOR'S NAME	2	FACILITY NO.	7	8	DATE	13	14	TIME	17
18		17	20	CARD 21	22	INSPECTOR'S NAME	2	FACILITY NO.	7	8	DATE	13	14	TIME	17
19		18	20	CARD 21	22	INSPECTOR'S NAME	2	FACILITY NO.	7	8	DATE	13	14	TIME	17
20		19	20	CARD 21	22	INSPECTOR'S NAME	2	FACILITY NO.	7	8	DATE	13	14	TIME	17
21		20	20	CARD 21	22	INSPECTOR'S NAME	2	FACILITY NO.	7	8	DATE	13	14	TIME	17
22		21	20	CARD 21	22	INSPECTOR'S NAME	2	FACILITY NO.	7	8	DATE	13	14	TIME	17
23		22	20	CARD 21	22	INSPECTOR'S NAME	2	FACILITY NO.	7	8	DATE	13	14	TIME	17
24		23	20	CARD 21	22	INSPECTOR'S NAME	2	FACILITY NO.	7	8	DATE	13	14	TIME	17
25		24	20	CARD 21	22	INSPECTOR'S NAME	2	FACILITY NO.	7	8	DATE	13	14	TIME	17
26		25	20	CARD 21	22	INSPECTOR'S NAME	2	FACILITY NO.	7	8	DATE	13	14	TIME	17
27		26	20	CARD 21	22	INSPECTOR'S NAME	2	FACILITY NO.	7	8	DATE	13	14	TIME	17
28		27	20	CARD 21	22	INSPECTOR'S NAME	2	FACILITY NO.	7	8	DATE	13	14	TIME	17
29		28	20	CARD 21	22	INSPECTOR'S NAME	2	FACILITY NO.	7	8	DATE	13	14	TIME	17
30		29	20	CARD 21	22	INSPECTOR'S NAME	2	FACILITY NO.	7	8	DATE	13	14	TIME	17
31		30	20	CARD 21	22	INSPECTOR'S NAME	2	FACILITY NO.	7	8	DATE	13	14	TIME	17
32		31	20	CARD 21	22	INSPECTOR'S NAME	2	FACILITY NO.	7	8	DATE	13	14	TIME	17
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36		35	20	CARD 21	22	INSPECTOR'S NAME	2	FACILITY NO.	7	8	DATE	13	14	TIME	17
37		36	20	CARD 21	22	INSPECTOR'S NAME	2	FACILITY NO.	7	8	DATE	13	14	TIME	17
38		37	20	CARD 21	22	INSPECTOR'S NAME	2	FACILITY NO.	7	8	DATE	13	14	TIME	17
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40		39	20	CARD 21	22	INSPECTOR'S NAME	2	FACILITY NO.	7	8	DATE	13	14	TIME	17
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42		41	20	CARD 21	22	INSPECTOR'S NAME	2	FACILITY NO.	7	8	DATE	13	14	TIME	17
43		42	20	CARD 21	22	INSPECTOR'S NAME	2	FACILITY NO.	7	8	DATE	13	14	TIME	17
44		43	20	CARD 21	22	INSPECTOR'S NAME	2	FACILITY NO.	7	8	DATE	13	14	TIME	17
45		44	20	CARD 21	22	INSPECTOR'S NAME	2	FACILITY NO.	7	8	DATE	13	14	TIME	17
46		45	20	CARD 21	22	INSPECTOR'S NAME	2	FACILITY NO.	7	8	DATE	13	14	TIME	17
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- LEACHATE
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MARK BOXES WITH "X" ONLY IF ANSWER IS YES
CENTRAL OFFICE COPY

LOCATION

FACILITY NAME

PERSONS INTERVIEWED & TITLES

SITE SKETCH/COMMENTS (additional sheets attached) ☐ YES ☐ NO

INSPECTOR'S SIGNATURE

NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID WASTE MANAGEMENT
FACILITY INSPECTION REPORT



LEACHATE

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15. Odors are detectable off site.
16. Blowing dust or dirt is a nuisance.
17. Papers are uncontrolled or are blowing off-site.
18. Methane gas is known to be leaving the site.
19. Noise is a nuisance off-site.

OPERATION CONTROL

20. Operation permit conditions are being violated. (List violations)
21. Refuse is not sufficiently confined or controlled.
22. Refuse is spread in layers thicker than 2 feet.
23. Refuse is not compacted or compacted insufficiently.
24. The working face height is greater than 10 feet.
25. Equipment on the site is not adequate for proper operation.

SAFETY AND HEALTH

26. Salvaging is uncontrolled or is creating a nuisance.
27. Rodents, insects, birds, or other vectors are not controlled.
28. Unsafe conditions or equipment exist. (List items)

ACCESS CONTROL

29. Access to the site is improper, unsafe, or inadequately controlled.
30. The site is open without an attendant.
31. Information about the site is not posted. (e.g., hours of operation)
32. Access to the operating area is poor or unsafe.

OTHER

33. Uncontrolled leachate is visible on, or near the site.
34. The quality of cover material is inadequate.
35. The working face is steeper than a 3 to 1 slope.
36. Monitoring wells are not operative.
37. Unapproved wastes have been deposited since last inspection.
38. Operator is unfamiliar with site boundaries, operation plan or permit conditions.

MARK BOXES WITH "X" ONLY IF ANSWER IS YES

REGIONAL OFFICE COPY

DATE: 05-28

1	TRANS. TYPE	1	Deliver	13	DATE	10/08/00	INSPECTOR'S NAME	INSPECTOR'S NAME	36	37	38	REMARKS	72
2	FACILITY NO.	2	Add	14	TIME	17							
3	Change	3											
4	Card 21	4											
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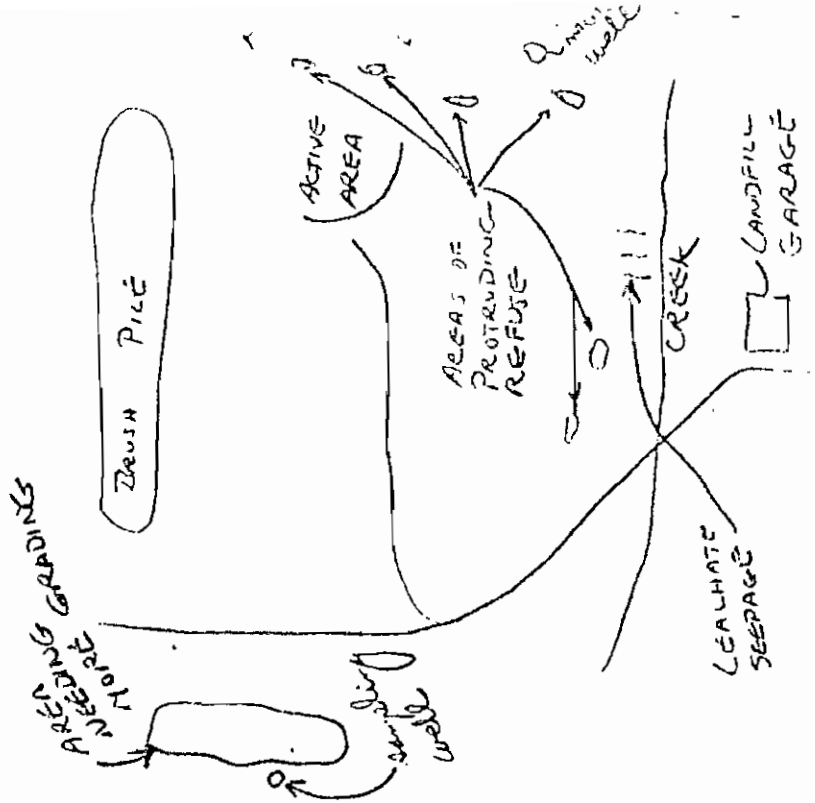
FACILITY NAME

LOCATION

AUBURN RDA
PERSONS INTERVIEWED & TITLES

JAMES BRADY, LANDFILL SUPERVISOR

SITE SKETCH/COMMENTS (additional sheets attached) ☐ YES ☐ NO



INSPECTOR'S SIGNATURE

C. Brady

ИЗДАНИЕ В ПЕРВЫЙ РАЗ

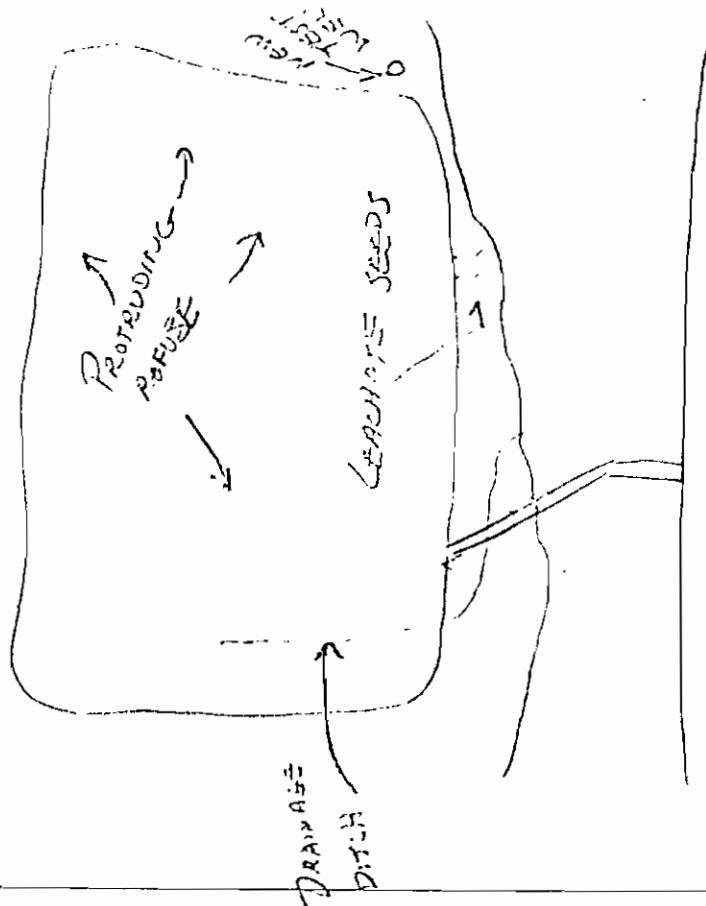
INSPECTOR'S SIGNATURE

10

PERSONS INTERVIEWED & TITLES

Jan: Bazz, Gann, Jopson, Jopson

SITE SKETCH/COMMENTS (additional sheets attached) ☐ YES ☐ NO





NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID WASTE MANAGEMENT
FACILITY INSPECTION

2 Facility No. 7 8 Co. Ty.
10510111
Facility Name

Persons Interviewed & Titles

AUGUSTA
Location (Town, etc.)

CITY OF AUGUSTA

10 Date 15 16 Time 21 22 Inspector 36 37 38

Remarks

0222801130 AM JTB/AGH

INSTRUCTIONS: At each question, use a soft pencil to blacken either the YES or NO box.

I. LEACHATE

- | | (BAD)
YES | (GOOD)
NO |
|---|--------------|--------------|
| 1. Is leachate visible on, or near the site? | | |
| 2. Is leachate entering surface water? | | |
| *3. Is leachate known to be contravening groundwater standards? | | |
| 4. Is refuse being placed into water? | | |
- 22 14

II. BURNING

- | | | |
|---|--|--|
| *5. Is refuse burning without permit, or not under permit conditions? | | |
| 6. Is there evidence of unapproved previous burning? | | |
- 24 11

III. COVER

- | | | |
|---|--|--|
| 7. Is previous day's refuse <u>not</u> covered? | | |
| 8. Is refuse protruding through daily, intermediate or final cover? | | |
| 9. Is intermediate or final cover <u>not</u> in place, or improperly applied? | | |
| 10. Is wrong cover material used? | | |
- 26 08

IV. GRADING

- | | | |
|--|--|--|
| 11. Are there depressions, ponding, cracked cover, too steep slopes? | | |
| 12. On completed areas, is the vegetative cover missing or inadequate? | | |
| 13. Are there soil erosion or other drainage problems? | | |
- 28 0

V. SEPARATION DISTANCES

- | | | |
|--|--|--|
| 14. Is refuse closer than 50 feet to site boundaries? | | |
| *15. Is refuse known to be less than 5 feet above groundwater? | | |
| *16. Is refuse known to be less than ___ feet above surface water? | | |
- 30 06

VI. NUISANCE CONDITIONS

- | | | |
|--|--|--|
| 17. Are odors detectable off-site? | | |
| 18. Is blowing dust or dirt excessive or a nuisance? | | |
| 19. Are papers uncontrolled, or blowing off-site? | | |
| 20. Is methane gas known to be leaving the site? | | |
| 21. Is noise excessive off-site? | | |
- 32 10

VII. OPERATION CONTROL

- | | | |
|--|--|--|
| *22. Are Operation Permit conditions being violated? | | |
| 23. Is refuse being deposited in a too large area? | | |
| 24. Is refuse spread in layers thicker than 2 feet? | | |
| 25. Is refuse being compacted poorly? | | |
| 26. Is the working face height greater than 10 feet? | | |
| 27. Is the working face steeper than a 3 to 1 slope? | | |
| 28. Is the equipment on site <u>not</u> adequate for proper operation? | | |
- 34 15

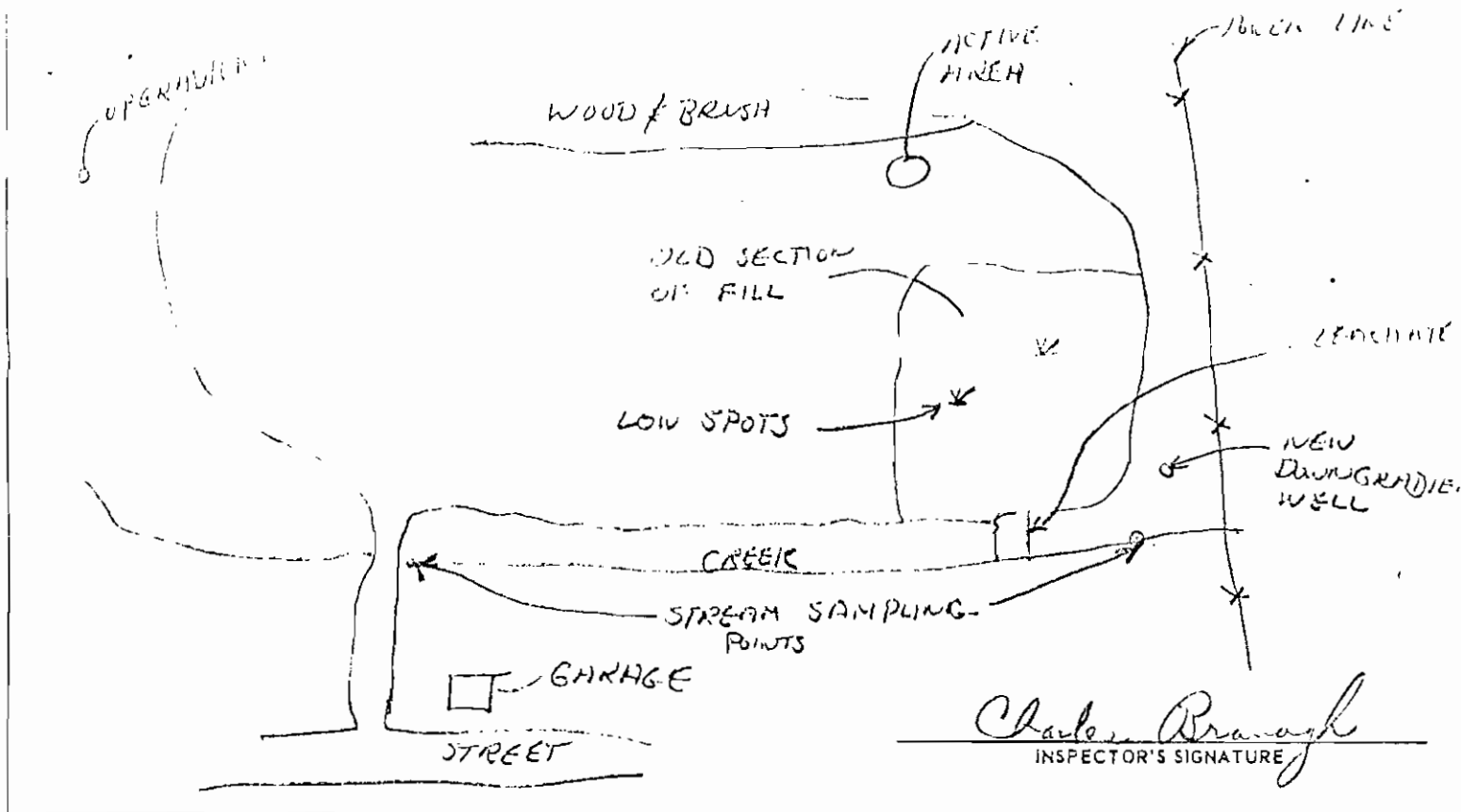
VIII. SAFETY AND HEALTH

- | | | |
|---|--|--|
| 29. Are scavengers present? | | |
| 30. Is salvaging uncontrolled or creating a nuisance? | | |
| 31. Are rodents and insects <u>not</u> controlled? | | |
| 32. Do unsafe conditions or equipment exist? | | |
- 36 07

IX. ACCESS CONTROL

- | | | |
|---|--|--|
| 33. Is access to the site improperly or inadequately controlled? | | |
| 34. Is the site open without an attendant? | | |
| 35. Is information about the site <u>not</u> posted? (hours of operation, etc.) | | |
| 36. Is access to the operating area poor or unsafe? | | |
- 38 07

*NOTE: For these questions, see the "Background Information Sheet" for this facility.



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NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID WASTE MANAGEMENT
FACILITY INSPECTION

Facility No. 01651011
Type 111

Facility Name

AUBURN RDA
Location (Town, etc.)

Persons Interviewed & Titles

JAMES BRUNCE, Compliance Officer

CITY OF AUBURN

10	Date	15	16	Time	21	22	Inspector	36	37	38	Remarks	72
10	01/11/80	11	30	AM			J. Brunce					

INSTRUCTIONS: At each question, use a soft pencil to blacken either the YES or NO box.

I. LEACHATE

1. Is leachate visible on, or near the site? 22
2. Is leachate entering surface water? 23
3. Is leachate known to be contravening groundwater standards? 24
4. Is refuse being placed into water? 25

(BAD) YES	(GOOD) NO
☒	☐
☒	☐
☒	☐
☒	☐

22
12

II. BURNING

5. Is refuse burning without permit, or not under permit conditions? 26
6. Is there evidence of unapproved previous burning? 27

(BAD) YES	(GOOD) NO
☐	☒
☐	☒

24
11

III. COVER

7. Is previous day's refuse not covered? 28
8. Is refuse protruding through daily, intermediate or final cover? 29
9. Is intermediate or final cover not in place, or improperly applied? 30
10. Is wrong cover material used? 31

(BAD) YES	(GOOD) NO
☒	☐
☒	☐
☒	☐
☒	☐

26
01

IV. GRADING

11. Are there depressions, ponding, cracked cover, too steep slopes? 32
12. On completed areas, is the vegetative cover missing or inadequate? 33
13. Are there soil erosion or other drainage problems? 34

(BAD) YES	(GOOD) NO
☒	☐
☒	☐
☒	☐

28
02

V. SEPARATION DISTANCES

14. Is refuse closer than 50 feet to site boundaries? 35
15. Is refuse known to be less than 5 feet above groundwater? 36
16. Is refuse known to be less than 1 foot above surface water? 37

(BAD) YES	(GOOD) NO
☐	☒
☐	☒
☐	☒

30
06

VI. NUISANCE CONDITIONS

17. Are odors detectable off-site? 38
18. Is blowing dust or dirt excessive or a nuisance? 39
19. Are papers uncontrolled, or blowing off-site? 40
20. Is methane gas known to be leaving the site? 41
21. Is noise excessive off-site? 42

(BAD) YES	(GOOD) NO
☒	☐
☒	☐
☒	☐
☒	☐
☒	☐

32
10

VII. OPERATION CONTROL

22. Are Operation Permit conditions being violated? 43
23. Is refuse being deposited in a too large area? 44
24. Is refuse spread in layers thicker than 2 feet? 45
25. Is refuse being compacted poorly? 46
26. Is the working face height greater than 10 feet? 47
27. Is the working face steeper than a 3 to 1 slope? 48
28. Is the equipment on site not adequate for proper operation? 49

(BAD) YES	(GOOD) NO
☒	☐
☒	☐
☒	☐
☒	☐
☒	☐
☒	☐
☒	☐

34
14

VIII. SAFETY AND HEALTH

29. Are scavengers present? 50
30. Is salvaging uncontrolled or creating a nuisance? 51
31. Are rodents and insects not controlled? 52
32. Do unsafe conditions or equipment exist? 53

(BAD) YES	(GOOD) NO
☒	☐
☒	☐
☒	☐
☒	☐

36
01

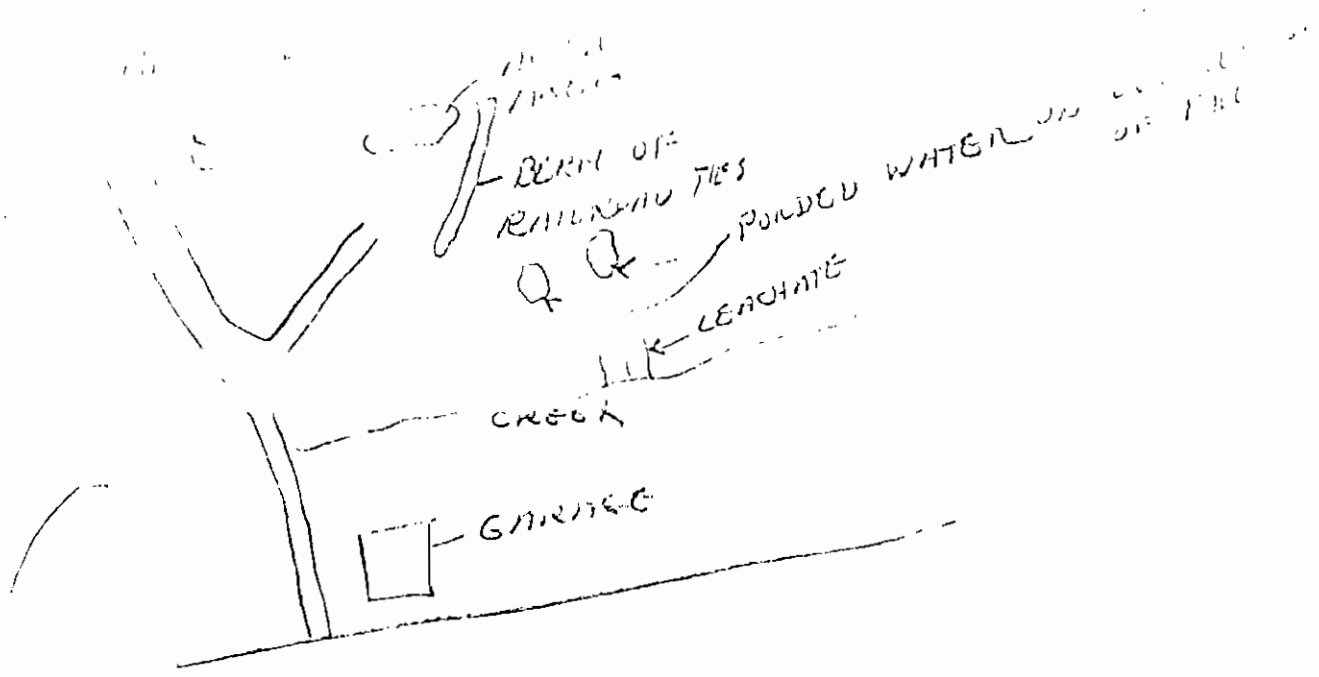
IX. ACCESS CONTROL

33. Is access to the site improperly or inadequately controlled? 54
34. Is the site open without an attendant? 55
35. Is information about the site not posted? (hours of operation, etc.) 56
36. Is access to the operating area poor or unsafe? 57

(BAD) YES	(GOOD) NO
☒	☐
☒	☐
☒	☐
☒	☐

38
01

*NOTE: For these questions, see the "Background Information Sheet" for this facility.



C. Brugh
INSPECTOR'S SIGNATURE

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1. Facility Type
1. Delora
2. Add
3. Change



NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID WASTE MANAGEMENT
FACILITY INSPECTION

Facility No. 78 Card No. 1 Type 1

Facility Name

Location (Town, etc.)

Persons Interviewed & Titles

10	Date	15	16	Time	21	22	Inspector	36	37	38	Remarks	74
				A M P M					S			

INSTRUCTIONS: At each question, use a soft pencil to blacken either the YES or NO box.

I. LEACHATE

1. Is leachate visible on, or near the site? 22
2. Is leachate entering surface water? 23
- *3. Is leachate known to be contravening groundwater standards? 24
4. Is refuse being placed into water? 25

(BAD) YES	(GOOD) NO

22
12

II. BURNING

- *5. Is refuse burning without permit, or not under permit conditions? 26
6. Is there evidence of unapproved previous burning? 27

24
11

III. COVER

7. Is previous day's refuse not covered? 28
8. Is refuse protruding through daily, intermediate or final cover? 29
9. Is intermediate or final cover not in place, or improperly applied? 30
10. Is wrong cover material used? 31

26
18

IV. GRADING

11. Are there depressions, ponding, cracked cover, too steep slopes? 32
12. On completed areas, is the vegetative cover missing or inadequate? 33
13. Are there soil erosion or other drainage problems? 34

28
02

V. SEPARATION DISTANCES

14. Is refuse closer than 50 feet to site boundaries? 35
- *15. Is refuse known to be less than 5 feet above groundwater? 36
- *16. Is refuse known to be less than _____ feet above surface water? 37

30
06

VI. NUISANCE CONDITIONS

17. Are odors detectable off-site? 38
18. Is blowing dust or dirt excessive or a nuisance? 39
19. Are papers uncontrolled, or blowing off-site? 40
20. Is methane gas known to be leaving the site? 41
21. Is noise excessive off-site? 42

32
08

VII. OPERATION CONTROL

- *22. Are Operation Permit conditions being violated? 43
23. Is refuse being deposited in a too large area? 44
24. Is refuse spread in layers thicker than 2 feet? 45
25. Is refuse being compacted poorly? 46
26. Is the working face height greater than 10 feet? 47
27. Is the working face steeper than a 3 to 1 slope? 48
28. Is the equipment on site not adequate for proper operation? 49

34
18

VIII. SAFETY AND HEALTH

29. Are scavengers present? 50
30. Is salvaging uncontrolled or creating a nuisance? 51
31. Are rodents and insects not controlled? 52
32. Do unsafe conditions or equipment exist? 53

36
05

IX. ACCESS CONTROL

33. Is access to the site improperly or inadequately controlled? 54
34. Is the site open without an attendant? 55
35. Is information about the site not posted? (hours of operation, etc.) 56
36. Is access to the operating area poor or unsafe? 57

38
01

INSPECTOR'S SIGNATURE

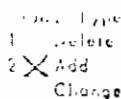
CENTRAL OFFICE COPY

*NOTE: For these questions, see the "Background Information Sheet" for this facility.

Handwritten notes and a small diagram. The text includes "From the" and "Vehicle Log" with an arrow pointing to a small sketch of a vehicle.

INSPECTOR'S SIGNATURE

CENTRAL OFFICE COPY



2	Facility No.	78	Card 9
OGS O			Type
			1 1

Facility Name

Persons Interviewed & Titles

JOHN O'NEILL - CITY ENGINEER

714 BREYER - LANDFILL SUPERINTENDENT

CITY OF HOUSTON

Date	15	16	Time	21	22	Inspector	36	37	38
------	----	----	------	----	----	-----------	----	----	----

Remarks

72

2579100 ^{ENC} FRANCH IMPROVEMENTS CADEPINAY

INSTRUCTIONS: At each question, use a soft pencil to blacken either the YES or NO box.

LEACHATE

- | | |
|--|----|
| 1. Is leachate visible on, or near the site? | 22 |
| 2. Is leachate entering surface water? | 23 |
| 3. Is leachate known to be contravening groundwater standards? | 24 |
| 4. Is refuse being placed into water? | 25 |

(DAD) YES	(COOD) NO

22
20

BURNING

5. Is refuse burning without permit, or not under permit conditions? 26
6. Is there evidence of unapproved previous burning? 27

24

I. COVER

- | | |
|---|----|
| 7. Is previous day's refuse <u>not</u> covered? | 28 |
| 8. Is refuse protruding through daily, intermediate or final cover? | 29 |
| 9. Is intermediate or final cover <u>not</u> in place, or improperly applied? | 30 |
| 10. Is wrong cover material used? | 31 |



26

GRADING

11. Are there depressions, ponding, cracked cover, too steep slopes? 32
12. On completed areas, is the vegetative cover missing or inadequate? 33
13. Are there soil erosion or other drainage problems? 34

28

00

SEPARATION DISTANCES

- | | |
|---|----|
| 14. Is refuse closer than 50 feet to site boundaries? | 35 |
| 15. Is refuse known to be less than 5 feet above ground water? | 36 |
| 16. Is refuse known to be less than _____ feet above surface water? | 37 |

30
06

1. RACE CONDITIONS

- | | |
|--|----|
| 18. Are odors detectable off-site? | 38 |
| 19. Is blowing dust or dirt excessive or a nuisance? | 39 |
| 20. Are papers uncontrolled, or blowing off-site? | 40 |
| 21. Is methane gas known to be leaving the site? | 41 |
| 22. Is noise excessive off-site? | 42 |

32
10

OPERATION CONTROL

- | | |
|---|----|
| 22. Are Operation Permit conditions being violated? | 43 |
| 23. Is refuse being deposited in a too large area? | 44 |
| 24. Is refuse spread in layers thicker than 2 feet? | 45 |
| 25. Is refuse being compacted poorly? | 46 |
| 26. Is the working face height greater than 10 feet? | 47 |
| 27. Is the working face steeper than a 3 to 1 slope? | 48 |
| 28. Is the equipment on site not adequate for proper operation? | 49 |

34
18

1. SAFETY AND HEALTH

- | | |
|---|----|
| 29. Are scavengers present? | 50 |
| 30. Is salvaging uncontrolled or creating a nuisance? | 51 |
| 31. Are rodents and insects <u>not</u> controlled? | 52 |
| 32. Do unsafe conditions or equipment exist? | 53 |



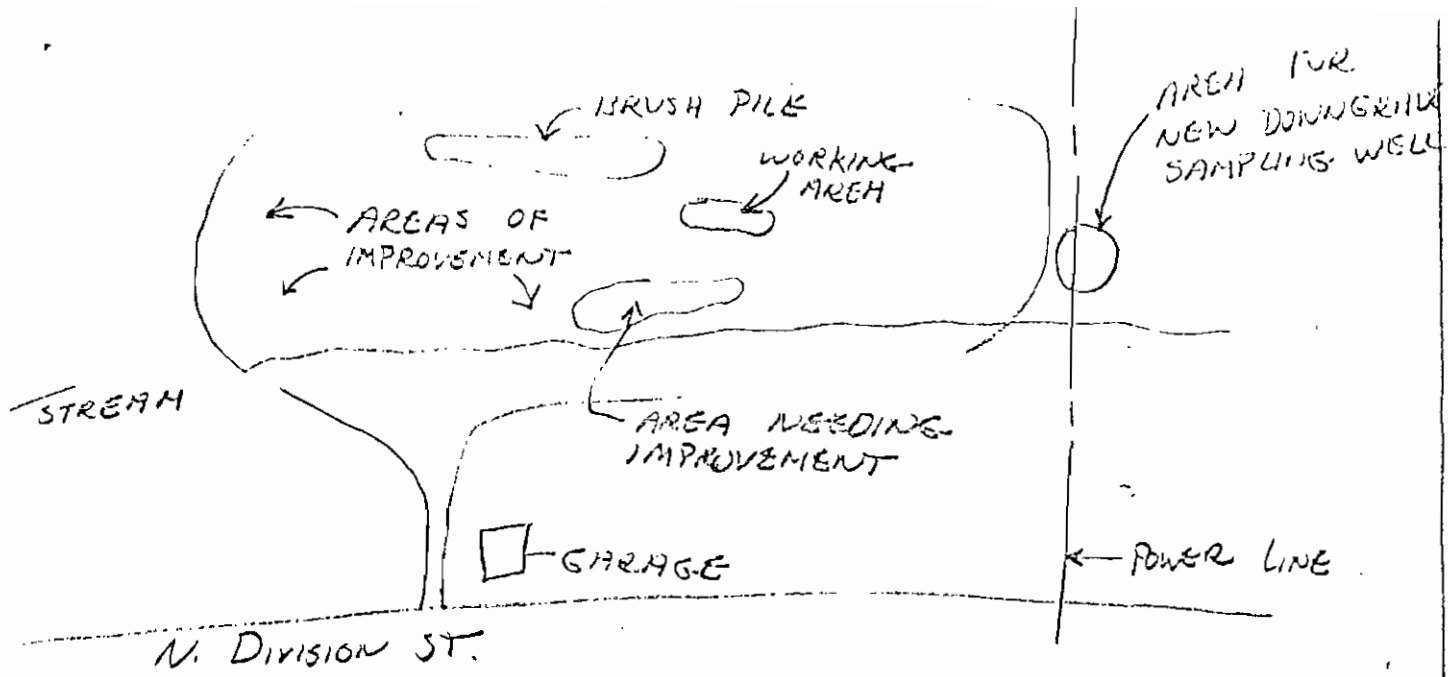
36
07

(ACCESS CONTROL

- | | |
|---|----|
| 33. Is access to the site improperly or inadequately controlled? | 54 |
| 34. Is the site open without an attendant? | 55 |
| 35. Is information about the site <u>not</u> posted? (hours of operation, etc.) | 56 |
| 36. Is access to the operating area poor or unsafe? | 57 |

38
07

***NOTE:** For these questions, see the "Background Information Sheet" for this facility.



Charles R. [Signature]
INSPECTOR'S SIGNATURE

CENTRAL OFFICE COPY



NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID WASTE MANAGEMENT
FACILITY INSPECTION

Facility No. 18 Card Type 1 1

Facility Name

Persons Interviewed & Titles

Location (Town, etc.)

10 Date 15 16 Time 21 22 Inspector 36 37 38 Remarks 72

INSTRUCTIONS: At each question, use a soft pencil to blacken either the YES or NO box.

I. LEACHATE

1. Is leachate visible on, or near the site? 22
2. Is leachate entering surface water? 23
3. Is leachate known to be contravening groundwater standards? 24
4. Is refuse being placed into water? 25

(BAD) YES	(GOOD) NO
☒	☐
☐	☐
☐	☐
☐	☐

22
1

II. BURNING

5. Is refuse burning without permit, or not under permit conditions? 26
6. Is there evidence of unapproved previous burning? 27

☐	☐
☐	☐

24
☐

III. COVER

7. Is previous day's refuse not covered? 28
8. Is refuse protruding through daily, intermediate or final cover? 29
9. Is intermediate or final cover not in place, or improperly applied? 30
10. Is wrong cover material used? 31

☐	☐
☐	☐
☐	☐
☐	☐

26
☐

IV. GRADING

11. Are there depressions, ponding, cracked cover, too steep slopes? 32
12. On completed areas, is the vegetative cover missing or inadequate? 33
13. Are there soil erosion or other drainage problems? 34

☐	☐
☐	☐
☐	☐

28
☐

V. SEPARATION DISTANCES

14. Is refuse closer than 50 feet to site boundaries? 35
15. Is refuse known to be less than 5 feet above groundwater? 36
16. Is refuse known to be less than _____ feet above surface water? 37

☐	☐
☐	☐
☐	☐

30
☐

VI. NUISANCE CONDITIONS

17. Are odors detectable off-site? 38
18. Is blowing dust or dirt excessive or a nuisance? 39
19. Are papers uncontrolled, or blowing off-site? 40
20. Is methane gas known to be leaving the site? GAS BUBBLES UP 41
21. Is noise excessive off-site? 42

☐	☐
☐	☐
☐	☐
☐	☐
☐	☐

32
☐

VII. OPERATION CONTROL

22. Are Operation Permit conditions being violated? 43
23. Is refuse being deposited in a too large area? 44
24. Is refuse spread in layers thicker than 2 feet? 45
25. Is refuse being compacted poorly? 46
26. Is the working face height greater than 10 feet? 47
27. Is the working face steeper than a 3 to 1 slope? 48
28. Is the equipment on site not adequate for proper operation? 49

☐	☐
☐	☐
☐	☐
☐	☐
☐	☐
☐	☐
☐	☐

34
1

VIII. SAFETY AND HEALTH

29. Are scavengers present? 50
30. Is salvaging uncontrolled or creating a nuisance? 51
31. Are rodents and insects not controlled? 52
32. Do unsafe conditions or equipment exist? 53

☐	☐
☐	☐
☐	☐
☐	☐

36
07

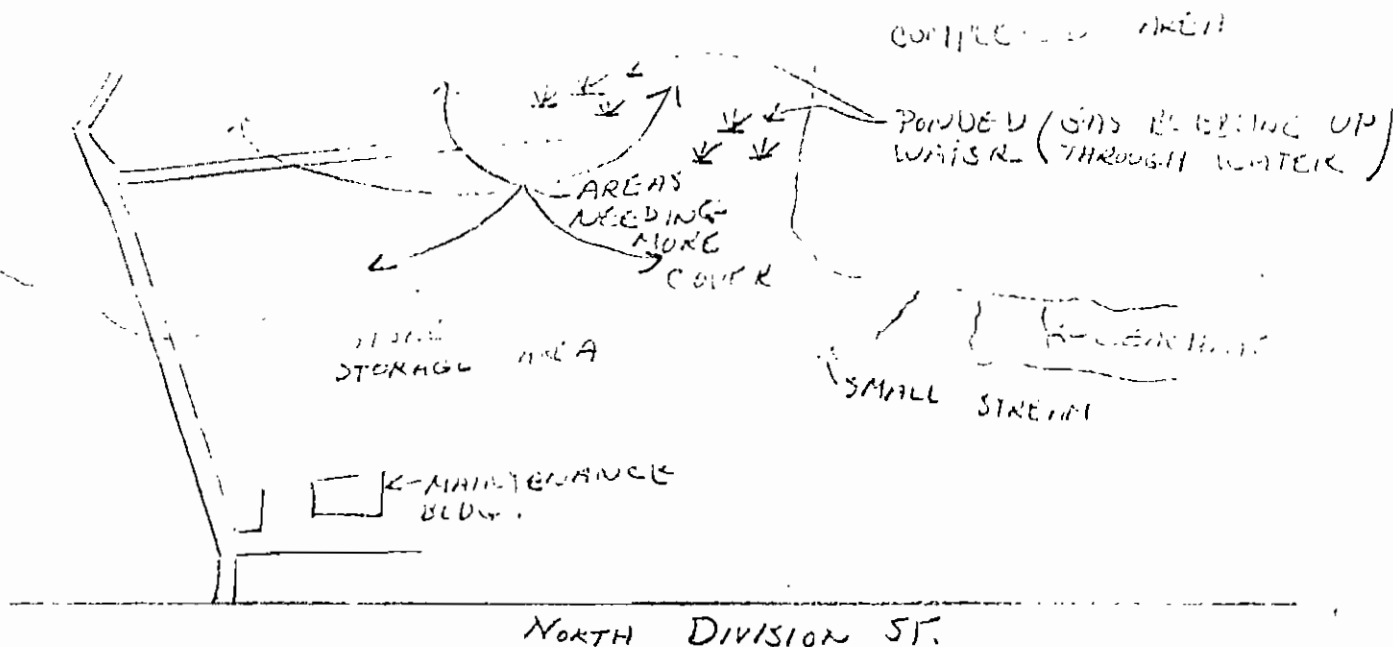
IX. ACCESS CONTROL

33. Is access to the site improperly or inadequately controlled? 54
34. Is the site open without an attendant? 55
35. Is information about the site not posted? (hours of operation, etc.) 56
36. Is access to the operating area poor or unsafe? 57

☐	☐
☐	☐
☐	☐
☐	☐

38
07

*NOTE: For these questions, see the "Background Information Sheet" for this facility.



Charles W. [Signature]
INSPECTOR'S SIGNATURE

CENTRAL OFFICE COPY



NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID WASTE MANAGEMENT
FACILITY INSPECTION

Facility No. 7
Card Type 1 1
06501

Facility Name

Auburn Landfill
Location (Town, etc.)

City of Auburn

Date 10/15/79 Time 2:15 PM Inspector 36 37 38 Remarks

0.20.8.79/030 P.M. A.M. HANNAH K.B. 5

INSTRUCTIONS: At each question, use a soft pencil to blacken either the YES or NO box.

I. LEACHATE

1. Is leachate visible on, or near the site? 22
2. Is leachate entering surface water? 23
3. Is leachate known to be contravening groundwater standards? 24
4. Is refuse being placed into water? 25

(BAD) YES	(GOOD) NO

Card Type 0
1 2
20

8 CARD TYPE
1 2

II. BURNING

5. Is refuse burning without permit, or not under permit conditions? 26
6. Is there evidence of unapproved previous burning? 27

(BAD) YES	(GOOD) NO

24
11

III. COVER

7. Is previous day's refuse not covered? 28
8. Is refuse protruding through daily, intermediate or final cover? 29
9. Is intermediate or final cover not in place, or improperly applied? 30
10. Is wrong cover material used? 31

(BAD) YES	(GOOD) NO

26
15

IV. GRADING

11. Are there depressions, ponding, cracked cover, too steep slopes? 32
12. On completed areas, is the vegetative cover missing or inadequate? 33
13. Are there soil erosion or other drainage problems? 34

(BAD) YES	(GOOD) NO

28
06

V. SEPARATION DISTANCES

14. Is refuse closer than 50 feet to site boundaries? 35
15. Is refuse known to be less than 5 feet above groundwater? 36
16. Is refuse known to be less than ___ feet above surface water? 37

(BAD) YES	(GOOD) NO

30
06

VI. NUISANCE CONDITIONS

17. Are odors detectable off-site? 38
18. Is blowing dust or dirt excessive or a nuisance? 39
19. Are papers uncontrolled, or blowing off-site? 40
20. Is methane gas known to be leaving the site? 41
21. Is noise excessive off-site? 42

(BAD) YES	(GOOD) NO

32
10

VII. OPERATION CONTROL

22. Are Operation Permit conditions being violated? 43
23. Is refuse being deposited in a too large area? 44
24. Is refuse spread in layers thicker than 2 feet? 45
25. Is refuse being compacted poorly? 46
26. Is the working face height greater than 10 feet? 47
27. Is the working face steeper than a 3 to 1 slope? 48
28. Is the equipment on site not adequate for proper operation? 49

(BAD) YES	(GOOD) NO

34
18

VIII. SAFETY AND HEALTH

29. Are scavengers present? 50
30. Is salvaging uncontrolled or creating a nuisance? 51
31. Are rodents and insects not controlled? 52
32. Do unsafe conditions or equipment exist? 53

(BAD) YES	(GOOD) NO

36
07

IX. ACCESS CONTROL

33. Is access to the site improperly or inadequately controlled? 54
34. Is the site open without an attendant? 55
35. Is information about the site not posted? (hours of operation, etc.) 56
36. Is access to the operating area poor or unsafe? 57

(BAD) YES	(GOOD) NO

38
07

Site Sketch/Comments

AREA SNOW COVERED EXCEPT FOR ACTIVE AREA

*NOTE: For these questions, see the "Background Information Sheet" for this facility.



NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID WASTE MANAGEMENT
FACILITY INSPECTION

7 Facility No. 1/8 Card 9
Type 1 1

1 Date
2 Area
3 Change

Persons Interviewed & Titles

Facility Name
Auburn
Location (Town, etc.)
Auburn, Cayuga Co.

10 Date 15 16 Time 21 22 Inspector 36 37 38 Remarks 72
5/1/79 12:00 P.M. SNYDER

INSTRUCTIONS: At each question, use a soft pencil to blacken either the YES or NO box.

		(BAD) YES	(GOOD) NO	
I. LEACHATE				
1. Is leachate visible on, or near the site?	22			
2. Is leachate entering surface water?	23			
*3. Is leachate known to be contravening groundwater standards?	24			
4. Is refuse being placed into water?	25			
II. BURNING				
*5. Is refuse burning without permit, or not under permit conditions?	26			
6. Is there evidence of unapproved previous burning?	27			
III. COVER				
7. Is previous day's refuse <u>not</u> covered?	28			
8. Is refuse protruding through daily, intermediate or final cover?	29			
9. Is intermediate or final cover <u>not</u> in place, or improperly applied?	30			
10. Is wrong cover material used?	31			
IV. GRADING				
11. Are there depressions, ponding, cracked cover, too steep slopes?	32			
12. On completed areas, is the vegetative cover missing or inadequate?	33			
13. Are there soil erosion or other drainage problems?	34			
V. SEPARATION DISTANCES				
14. Is refuse closer than 50 feet to site boundaries?	35			
*15. Is refuse known to be less than 5 feet above groundwater?	36			
*16. Is refuse known to be less than _____ feet above surface water?	37			
VI. NUISANCE CONDITIONS				
17. Are odors detectable off-site?	38			
18. Is blowing dust or dirt excessive or a nuisance?	39			
19. Are papers uncontrolled, or blowing off-site?	40			
20. Is methane gas known to be leaving the site?	41			
21. Is noise excessive off-site?	42			
VII. OPERATION CONTROL				
*22. Are Operation Permit conditions being violated?	43			
23. Is refuse being deposited in a too large area?	44			
24. Is refuse spread in layers thicker than 2 feet?	45			
25. Is refuse being compacted poorly?	46			
26. Is the working face height greater than 10 feet?	47			
27. Is the working face steeper than a 3 to 1 slope?	48			
28. Is the equipment on site <u>not</u> adequate for proper operation?	49			
VIII. SAFETY AND HEALTH				
29. Are scavengers present?	50			
30. Is salvaging uncontrolled or creating a nuisance?	51			
31. Are rodents and insects <u>not</u> controlled?	52			
32. Do unsafe conditions or equipment exist?	53			
IX. ACCESS CONTROL				
33. Is access to the site improperly or inadequately controlled?	54			
34. Is the site open without an attendant?	55			
35. Is information about the site <u>not</u> posted? (hours of operation, etc.)	56			
36. Is access to the operating area poor or unsafe?	57			

8 CARD 9
TYPE 1 2

*NOTE: For these questions, see the "Background Information Sheet" for this facility.

Site Sketch/Comments



NEW YORK STATE
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID WASTE MANAGEMENT
FACILITY INSPECTION

1. Facility Type
1. ☐ Debris
2. ☐ Add
3. ☐ Change

2. Facility No. 7. Card Type
016 5101 1 1

Facility Name

(City or Town)

Location (Town, etc.)

City of Albany

Persons Interviewed & Titles

James J. ...

10 Date 15 16 Time 21 22 Inspector 36 37 38 Remarks

INSTRUCTIONS: At each question, use a soft pencil to blacken either the YES or NO box.

I. LEACHATE

1. Is leachate visible on, or near the site? 22
2. Is leachate entering surface water? 23
3. Is leachate known to be contravening groundwater standards? 24
4. Is refuse being placed into water? 25

(BAD) YES	(GOOD) NO
☒	☐
☐	☐
☐	☐
☐	☐

22
06

II. BURNING

5. Is refuse burning without permit, or not under permit conditions? 26
6. Is there evidence of unapproved previous burning? 27

(BAD) YES	(GOOD) NO
☐	☒
☐	☐

24
11

III. COVER

7. Is previous day's refuse not covered? 28
8. Is refuse protruding through daily, intermediate or final cover? 29
9. Is intermediate or final cover not in place, or improperly applied? 30
10. Is wrong cover material used? 31

(BAD) YES	(GOOD) NO
☐	☒
☐	☒
☐	☒
☐	☒

26
08

IV. GRADING

11. Are there depressions, ponding, cracked cover, too steep slopes? 32
12. On completed areas, is the vegetative cover missing or inadequate? 33
13. Are there soil erosion or other drainage problems? 34

(BAD) YES	(GOOD) NO
☐	☒
☐	☒
☐	☒

28
02

V. SEPARATION DISTANCES

14. Is refuse closer than 50 feet to site boundaries? 35
15. Is refuse known to be less than 5 feet above groundwater? 36
16. Is refuse known to be less than 10 feet above surface water? 37

(BAD) YES	(GOOD) NO
☒	☐
☒	☐
☒	☐

30
01

VI. NUISANCE CONDITIONS

17. Are odors detectable off-site? 38
18. Is blowing dust or dirt excessive or a nuisance? 39
19. Are papers uncontrolled, or blowing off-site? 40
20. Is methane gas known to be leaving the site? 41
21. Is noise excessive off-site? 42

(BAD) YES	(GOOD) NO
☐	☒
☒	☐
☒	☐
☐	☒
☐	☒

32
02

VII. OPERATION CONTROL

22. Are Operation Permit conditions being violated? 43
23. Is refuse being deposited in a too large area? 44
24. Is refuse spread in layers thicker than 2 feet? 45
25. Is refuse being compacted poorly? 46
26. Is the working face height greater than 10 feet? 47
27. Is the working face steeper than a 3 to 1 slope? 48
28. Is the equipment on site not adequate for proper operation? 49

(BAD) YES	(GOOD) NO
☒	☐
☒	☐
☒	☐
☒	☐
☒	☐
☒	☐
☒	☐

34
06

VIII. SAFETY AND HEALTH

29. Are scavengers present? 50
30. Is salvaging uncontrolled or creating a nuisance? 51
31. Are rodents and insects not controlled? 52
32. Do unsafe conditions or equipment exist? 53

(BAD) YES	(GOOD) NO
☐	☒
☐	☒
☐	☒
☐	☒

36
01

IX. ACCESS CONTROL

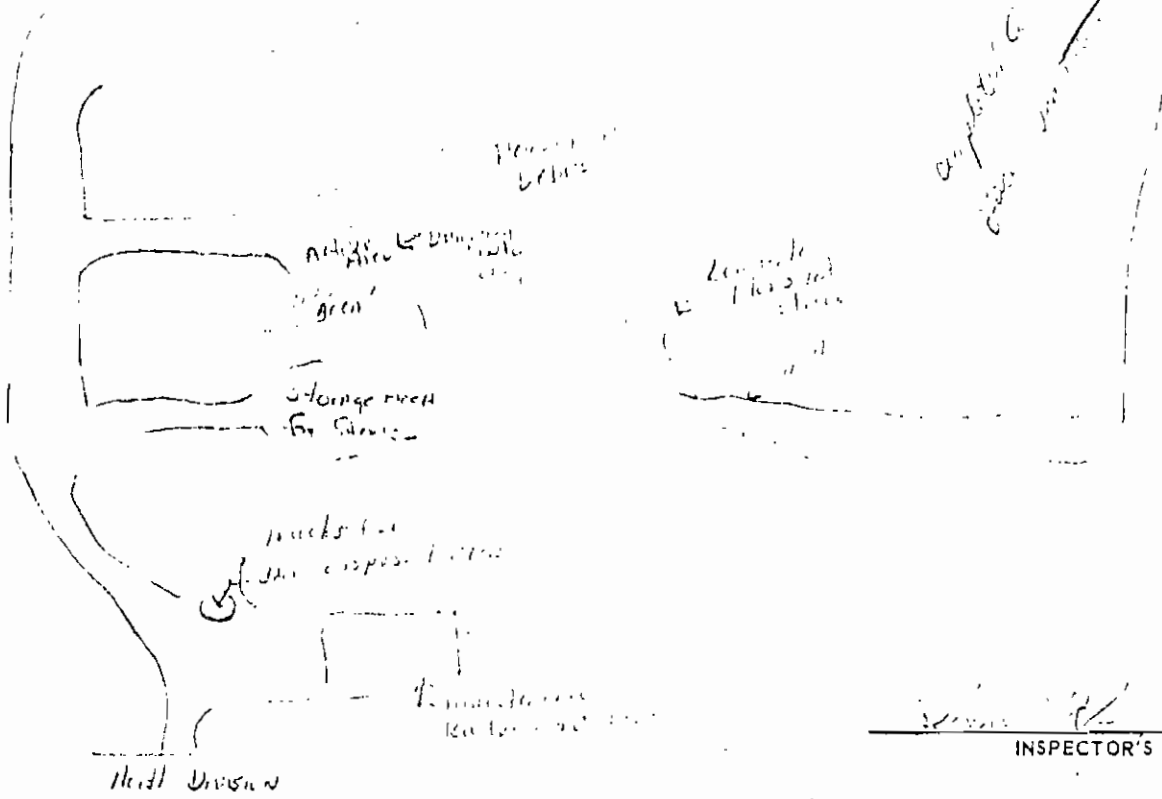
33. Is access to the site improperly or inadequately controlled? 54
34. Is the site open without an attendant? 55
35. Is information about the site not posted? (hours of operation, etc.) 56
36. Is access to the operating area near or unsafe? 57

(BAD) YES	(GOOD) NO
☐	☒
☐	☒
☐	☒
☐	☒

38
01

*NOTE: For these questions, see the "Background Information Sheet" for this facility.

4 Jan 1971



CENTRAL OFFICE COPY

47-15-1(5/79)

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID WASTE MANAGEMENT
FACILITY INSPECTION

1 Trans. Type
1 ☐ Complete
2 ☐ Add
3 ☐ Change

2 Facility No. 7

016510111

Facility Name

Auburn (C)

Location (Town, etc.)

Auburn (C)

Persons Interviewed & Titles

1/30/82

10 Date 15	16 Time 21	22 Inspector	36	37	38	Remarks	72
10-57-2	12:00 PM	S. M. D. E. R.					

Instructions: At each question, use a soft pencil to blacken either the YES or NO box.

I. LEACHATE

1. Is leachate visible on, or near the site?.....22
2. Is leachate entering surface water?.....23
3. Is leachate known to be contravening groundwater standards?.....24
4. Is refuse being placed into water?.....25

(BAD) YES	(GOOD) NO
☐	☐
☐	☐
☐	☐
☐	☐

5 CDS Type 9

12

18

II. BURNING

5. Is refuse burning without permit, or not under permit conditions?.....26
6. Is there evidence of unapproved previous burning?.....27

(BAD) YES	(GOOD) NO
☐	☐
☐	☐

24

01

III. COVER

7. Is previous day's refuse not covered?.....28
8. Is refuse protruding through daily, intermediate or final cover?.....29
9. Is intermediate or final cover not in place, or improperly applied?.....30
10. Is wrong cover material used?.....31

(BAD) YES	(GOOD) NO
☐	☐
☐	☐
☐	☐
☐	☐

26

08

IV. GRADING

11. Are there depressions, ponding, cracked cover, too steep slopes?.....32
12. On completed areas, is the vegetative cover missing or inadequate?.....33
13. Are there soil erosion or other drainage problems?.....34

(BAD) YES	(GOOD) NO
☐	☐
☐	☐
☐	☐

28

02

V. SEPARATION DISTANCES

14. Is refuse closer than 50 feet to site boundaries?.....35
15. Is refuse known to be less than 5 feet above groundwater?.....36
16. Is refuse known to be less than ___ feet from surface water?.....37

(BAD) YES	(GOOD) NO
☐	☐
☐	☐
☐	☐

30

06

VI. NUISANCE CONDITIONS

17. Are odors detectable off-site?.....38
18. Is blowing dust or dirt excessive or a nuisance?.....39
19. Are papers uncontrolled, or blowing off-site?.....40
20. Is methane gas known to be leaving the site?.....41
21. Is noise excessive off-site?.....42

(BAD) YES	(GOOD) NO
☐	☐
☐	☐
☐	☐
☐	☐
☐	☐

32

10

VII. OPERATION CONTROL

22. Are Operation Permit conditions being violated?.....43
23. Is refuse being deposited in a too large area?.....44
24. Is refuse spread in layers thicker than 2 feet?.....45
25. Is refuse being compacted poorly?.....46
26. Is the working face height greater than 10 feet?.....47
27. Is the working face steeper than a 3 to 1 slope?.....48
28. Is the equipment on site not adequate for proper operation?.....49

(BAD) YES	(GOOD) NO
☐	☐
☐	☐
☐	☐
☐	☐
☐	☐
☐	☐
☐	☐

34

18

VIII. SAFETY AND HEALTH

29. Are scavengers present?.....50
30. Is salvaging uncontrolled or creating a nuisance?.....51
31. Are rodents and insects not controlled?.....52
32. Do unsafe conditions or equipment exist?.....53

(BAD) YES	(GOOD) NO
☐	☐
☐	☐
☐	☐
☐	☐

36

07

IX. ACCESS CONTROL

33. Is access to the site improperly or inadequately controlled?.....54
34. Is the site open without an attendant?.....55
35. Is information about the site not posted? (hours of operation, etc.).....56
36. Is access to the operating area poor or unsafe?.....57

(BAD) YES	(GOOD) NO
☐	☐
☐	☐
☐	☐
☐	☐

38

07

*NOTE: For these questions, see the "Background Information Sheet" for this facility.

Site Sketch/Comments

1. (1/1/78)

Trans. Type
1 ☐ Delete
2 ☒ Add
3 ☐ Change



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID WASTE MANAGEMENT
FACILITY INSPECTION

2 Facility No. 7

1016181011

Facility Name

Location (Town, etc.)

City of Auburn

Persons Interviewed & Titles

10 Date 15
16 Time 21
22 Inspector

Inspector

36

37

38

Remarks

72

Instructions: At each question, use a soft pencil to blacken either the YES or NO box.

I. LEACHATE

1. Is leachate visible on, or near the site?.....22
2. Is leachate entering surface water?.....23
- *3. Is leachate known to be contravening groundwater standards?.....24
4. Is refuse being placed into water?.....25

(BAD) YES	(GOOD) NO
☐	☒
☐	☒
☐	☒
☐	☒

12
22
12

II. BURNING

- *5. Is refuse burning without permit, or not under permit conditions?.....26
6. Is there evidence of unapproved previous burning?.....27

☐	☒
☐	☒

24
11

III. COVER

7. Is previous day's refuse not covered?.....28
8. Is refuse protruding through daily, intermediate or final cover?.....29
9. Is intermediate or final cover not in place, or improperly applied?....30
10. Is wrong cover material used?.....31

☐	☒
☐	☒
☐	☒
☐	☒

26
1

IV. GRADING

11. Are there depressions, ponding, cracked cover, too steep slopes?.....32
12. On completed areas, is the vegetative cover missing or inadequate?....33
13. Are there soil erosion or other drainage problems?.....34

☐	☒
☐	☒
☐	☒

28
1

V. SEPARATION DISTANCES

14. Is refuse closer than 50 feet to site boundaries?.....35
- *15. Is refuse known to be less than 5 feet above groundwater?.....36
- *16. Is refuse known to be less than ___ feet from surface water?.....37

☐	☒
☐	☒
☐	☒

30
11

VI. NUISANCE CONTROL

17. Are odors detectable off-site?.....38
18. Is blowing dust or dirt excessive or a nuisance?.....39
19. Are papers uncontrolled, or blowing off-site?.....40
- *20. Is methane gas known to be leaving the site?.....41
21. Is noise excessive off-site?.....42

☐	☒
☐	☒
☐	☒
☐	☒
☐	☒

32
10

VII. OPERATION CONTROL

- *22. Are Operation Permit conditions being violated?.....43
23. Is refuse being deposited in a too large area?.....44
24. Is refuse spread in layers thicker than 3 feet?.....45
25. Is refuse being compacted poorly?.....46
26. Is the working face height greater than 10 feet?.....47
27. Is the working face steeper than a 3 to 1 slope?.....48
28. Is the equipment on site not adequate for proper operation?.....49

☐	☒
☐	☒
☐	☒
☐	☒
☐	☒
☐	☒
☐	☒

34
1

VIII. SAFETY AND HEALTH

29. Are scavengers present?.....50
30. Is salvaging uncontrolled or creating a nuisance?.....51
31. Are rodents and insects not controlled?.....52
32. Do unsafe conditions or equipment exist?.....53

☐	☒
☐	☒
☐	☒
☐	☒

36
1

IX. ACCESS CONTROL

33. Is access to the site improperly or inadequately controlled?.....54
34. Is the site open without an attendant?.....55
35. Is information about the site not posted? (hours of operation, etc.)...56
36. Is access to the operating area poor or unsafe?.....57

☐	☒
☐	☒
☐	☒
☐	☒

38
67

Site Sketch/Comments

*NOTE: For these questions, see the "Background Information Sheet" for this facility.

Small leachate stream



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

TRANSMITTAL SLIP

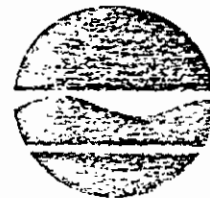
FROM: Solid Waste
RE: Recycle 7
DATE: 1/19/91
Signature: [Handwritten Signature]
Stamp: RECEIVED
Stamp: JAN 23 1991
Stamp: BUREAU OF ENVIRONMENTAL CONSERVATION

FOR ACTION AS INDICATED:

- ☐ Please Handle
- ☐ Prepare Reply
- ☐ Prepare Reply for Signature
- ☐ Information
- ☐ Approval
- ☐ Prepare final/draft in _____ Copies
- ☐ Comments
- ☐ Signature
- ☐ File
- ☐ Return to me



New York State Department of Environmental Conservation
Division of Regulatory Affairs, Region 7
7481 Henry Clay Boulevard
Liverpool, New York 13088
(315) 428-4697



Henry G. Williams
Commissioner

September 13, 1983

Mr. Michael D. O'Neill,
City Engineer/Superintendent of Public Works
City of Auburn
Memorial City Hall
Auburn, New York 13021

RE: Auburn Sanitary Landfill

Dear Mr. O'Neill:

This office has reviewed and commented on the latest submittal of information for the Auburn landfill dated August 16, 1983. When the information listed below is supplied and approved by our staff, a permit shall be drafted.

The following is our staff's comments and review:

Operation Plan - Dust control should be limited to using water or calcium chloride. Oil is to be excluded as a dust control mechanism.

Page 19 - Survey Control - Bench marks will be iron pipes or concrete monuments set by the City Engineer's Office. The operator's use of a 12-foot stake marked in one foot intervals to check progress against adjacent control points should be made on a monthly basis. Survey crews should check grading and set new markers for operators to follow on a quarterly basis.

Page 22 - Final Cover - The final grades will be reached and the final two feet of cover will include two foot of cover and it will not include the topsoil proceeding. Due to the fact that it has been pointed out that compost will be considered as part of the topsoil material and since this is a porous material, it can be put on in addition to the two foot final cover as seeding requirements base but not for cover of the refuse. Final cover shall be compacted layers of cover material at least 24 inches thick and placed on all surfaces of the landfill where no additional refuse will be deposited within one year. The upper six inches can be material at a hydraulic conductivity of 10^{-5} cm/sec or less graded at a minimum slope of 2%. Permeability testing will be required to verify the 10^{-5} cm/sec or less standard.

Monitoring and Sampling - The application should include the requirements of sampling at the upgradient, two downgradient wells, and the stream adjacent to monitoring well No. 3. The parameters that they should be sampled for are already listed in the contingency plan.

Mr. Michael D. O'Neill

Page 2

September 13, 1983

Well Sampling - There exists a problem with the upgradient well being a non-upgradient well. It is actually located in a place where refuse has been deposited and it is obvious that this well is influenced with leachate evidenced by the elevated zinc, copper, total suspended solids, total organic carbon, total lead, and total iron values. A new upgradient well must be established by a qualified geotechnical consultant in an area which a background condition exists not affected by landfill leachate. The well should be placed according to the Solid Waste Management Facility Guidelines - Section 3-3(2)(b), Monitoring Wells.

Page 26 - Leachate Generation - The leachate will be collected on-site but the statement that it will be treated and recycled on-site is not acceptable based on the fact that no adequate treatment facility has been designed for on-site treatment. It is stated that the City, in an emergency condition, will transport the leachate to the Auburn STP for treatment and that haul distance is less than two miles. This two miles in a vac truck might not be economically feasible due to the fact that during the worst case situations in the spring leachate will be generated at a rate of 90,000 gallons per day. Since no leachate treatment design has been submitted in this document, leachate treatment is to be handled by the STP. It is requested that a proposal to install a pipeline from the leachate collection facility at the landfill to the STP be considered and specified for feasibility. The leachate collection system will have to be sized based on engineering data to determine if the facility is adequate to hold the leachate generated and capable of handling peak flows. It is requested that you submit an engineering report to accompany the plan for leachate collection. Below are conditions to be added to the permit for the leachate collection at the STP.

Closure - Closure is a constant process but it also has to be monitored constantly and revised plans every six months should be sent to this office with areas that have been closed and covered with 24 inches of final material, seeded, and graded.

As a minimum remedial plan for the baghouse dust, Sections D4-D10 should be permanently capped and closed so that leachate migration from those areas through precipitation is minimized. This will not affect leachate flow through the material but will decrease a good deal of the leachate generated from precipitation. If future testing shows leachate high in chrome, a more secure approach will be needed. No new lateral extensions will be approved based on this permit application. This application is for the active area that was established at the joint inspection of the site in August. Leachate will not be allowed to be recycled on top of the existing landfill and leachate will not be allowed to be recycled on any of the existing landfill due to the fact that no liner exists under the existing landfill.

General Operating Conditions - The plan for leachate collection must include a holding basin that is sized to a capacity sufficient to hold the quantity of leachate that would be the basis of an engineering analysis considering that maximum leachate generation and the minimum possible leachate disposal and treatment to the STP. This leachate collection lagoon must be lined with an impermeable liner of which the specifications and manufacture must be submitted in the engineering report.

Conditions Relating to the Leachate at the STP

1. Leachate shall be discharged to the plant only during periods of time when influent flows are under 9.3 MGD and then only in quantities which do not increase total influent flow to more than 9.3 MGD.

Mr. Michael D. O'Neill
Page 3
September 13, 1983

Conditions Relating to the Leachate at the STP (continued)

2. Leachate discharge to the STP shall be continuously monitored for flow.
3. Leachate discharged to the STP shall be monitored for BOD₅, COD and suspended solids once per month.
4. Flow, BOD₅, COD and suspended solids data on the leachate shall be reported monthly on the BMW-88 reports submitted for the STP.

Again, when these last few items are answered, a permit will be drafted. Therefore, please expedite the return of this information to me.

If there are any questions on this, I suggest you contact Mr. Charles Chernoff at 315/428-4483. Any other questions may be directed to me at this office.

Sincerely,

Joanne L. March
Environmental Analyst Assistant

JLM/jma

cc: C. Chernoff
P. Sheneman
S. Lackey
D. O'Toole
Cayuga County Health Department



CITY OF AUBURN

MEMORIAL CITY HALL
AUBURN, N.Y. 13021
Phone: (315) 252-9531

MICHAEL D. O'NEILL
City Engineer
Superintendent of Public Works

August 16, 1983

RECEIVED

AUG 22 1983

NEW YORK STATE DEPT. OF ENVIRONMENTAL CONSERVATION
DIVISION OF WATER

Ms. Joanne L. March
Environmental Analyst Assistant
NYSDEC, Region 7
7481 Henry Clay Boulevard
Liverpool, NY 13088

Re: Auburn Sanitary Landfill

Dear Ms. March:

The following addresses your comments of June 1, 1983:

1. The City will change the definition.
2. The City agrees; however, this analysis was based on actual City data which was submitted for comparison only. The excess moisture analyses (3 were done - average, best, worst case) in the appendix used information from a registered U. S. Weather station and includes a 12-month period.
3. The City diverted perimeter leachate in sumps and measured volume over time. The sites are shown on the enclosed sketch.
4. The City received baghouse dust from Austeel during start up of the facility and for an approximate 5-year period until the material was reclassified by NYSDEC. The City no longer receives baghouse dust since NYSDEC regulations prohibited its placement in 360 landfills. There has been no indication of migration of this material in the monitoring well analyses. (See map for dumping area, Line 4-10D)
5. The City does not feel that the addition of leachate from the worst case scenario would adversely affect the Sewage Treatment Plant operation. This represents less than 1% of the daily influent.

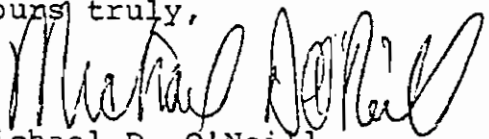
Ms. Joanne L. March

-2-

August 16, 1983

6. The City desires to utilize data from the U. S. Weather Service Bureau in Geneva. This data is considered unbiased and is from a registered weather service. The City records are for local use and are not considered valid in terms of the U. S. Weather Service. They are included for comparison purposes. The City could use this data; however, it could be construed as biased data and therefore the City will use data from a registered weather station.
7. The City concurs.
8. Enclosed are POTW performance reports for the period of January 1983 through June 1983. Please note that the highest minimum daily flows are normally less than the plant's design capacity. The City could discharge leachate at times when the plant is not hydraulically surcharged.
9. The City is willing to discharge leachate only during low flow periods.

Yours truly,



Michael D. O'Neill
City Engineer
Supt. of Public Works

da

encs.

cc: Mr. Bruce L. Clifford
Mr. Joseph Daloia
Mr. James Brazee
File

New York State Department of Environmental Conservation
Division of Regulatory Affairs, Region 7
7481 Henry Clay Boulevard
Liverpool, New York 13088
(315) 428-4697



Henry G. Williams
Commissioner

June 1, 1983

Mr. Michael D. O'Neill, City Engineer
Superintendent of Public Works
City of Auburn
Memorial City Hall
Auburn, New York 13021

File 360

RE: Auburn Sanitary Landfill

Dear Mr. O'Neill:

I am sorry for the delay in these comments. They have taken some time to formulate. Hopefully when this information is returned, both our needs will be satisfied.

The Part 360 report as submitted is incomplete for the following reasons:

1. Page 8, paragraph 3 - Groundwater infiltration, if any, should be incorporated in the quantity of water which will be contributing to the leachate. This should not be subtracted from the rainfall.
2. The excess moisture analysis on page 12 omitted the months of March-August in the analysis. Granted the summer months do not generally contribute to infiltration, however, March, April and May can significantly contribute to leachate generation. This data must be incorporated in the calculation. The analysis of the information from other landfills is not to be considered valid in the case of the Auburn landfill due to the fact that all landfills are site specific. This can be attested by the values given on page 13 in which ranges between 83.3 gallons/acre/day to a high of 984.4 gallons/acre/day are noted.
3. The leachate collection sites have not been identified and the method of leachate collection for the two-day period in which leachate was collected has not been discussed.
4. No discussion of the hazardous waste that has been dumped at the landfill for a ten-year period by the Auburn Steel Company has been addressed in the main body of the report. Information regarding the hazardous waste location must be documented.
5. The average case excess moisture calculation which was given was not converted to gallons per day and if it were, it would have been 6,000 gallons per day. The excess moisture analysis best case was 224 gallons per day and the worst case analysis would be 35,823 gallons per day. This must be considered the shock loading value which would be transferred to the STP. When recalculating the treatment process for the leachate to be generated, this would be the figure that is utilized.

Mr. Michael D. O'Neill

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6. It is obvious that a significant amount of data was submitted in this report, however, there seems to be deviation between the data that was submitted and the data that was used in the calculations. For example, the average rainfall data for the entire years between 1978 and 1982 from the Auburn Water Filtration Plant could have easily been used as precipitation data and the excess moisture calculation from them; instead, the evapotranspiration evaporation calculations data from the Geneva rain station was used. In the resubmittal of the water balance, it is requested that you give a logical analysis of the data that you are presenting with sample calculations. This analysis should be done according to the EPA water balance method: "Use of Water Balance Method for Predicting Leachate Generation from Solid Waste Disposal Sites," published by the US EPA in 1975. When this information is submitted, further review will be taken.
7. Gas recovery is supported by the NYSDEC and will be an environmentally sound approach. The gas recovery concept should be incorporated with the engineering plan of design and operation.
8. The SPDES permit for the Auburn STP contains a monthly average flow limit of 9.31 MGD. The plant currently receives flows in excess of this value during all wet months of the year. Mr. O'Neill's report states that 4,000 GPD of leachate will be received on the average, but his worst case analysis shows that approximately 90,000 GPD could be expected during several months of the year.

It appears that the plant does not have the reserve capacity to accept this material.

9. No BOD or COD values are presented in the report, but analytical results on the landfill leachate indicate a COD value of 923.3 mg/l. This would translate into an additional organic loading of up to 690 lbs/day.

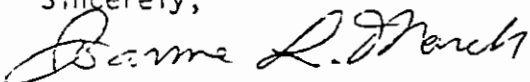
The facility is currently exceeding its effluent limits for total poundage of BOD₅ and suspended solids periodically and would not be able to accept additional loading especially at times of high influent flows.

The desk top study does not adequately address these two issues (No.'s 8 & 9). Any approvable treatability study must technically evaluate the impact of the additional flows and solids and BOD loadings described above on the plant's ability to achieve effluent limitations.

All future engineering submittals to this office should be clear and concise. Continued submittal of vague or biased data will result in the denial of a permit to operate and subsequent closure of the landfill.

If there are any questions on this, I suggest you contact Mr. Charles Chernoff at 315/428-4483. Other questions may be directed to me at this office.

Sincerely,



Joanne L. March
Environmental Analyst Assistant

cc: C. Chernoff, S. Lackey, P. Sheneman
D. O'Toole, Cayuga County Health Department

NEW YORK STATE REGISTRY FORMS

Name of Current Owner of Site: City of AuburnAddress of Current Owner of Site: Memorial City Hall, Auburn, NY 13031

Time Period Site Was Used for Hazardous Waste Disposal:

_____, 1975 To _____, 1979

Is site Active ☒ Inactive ☐

(Site is inactive if hazardous wastes were disposed of at this site and site was closed prior to August 25, 1979)

Types of Samples: Air ☐ Groundwater ☒ None ☐
Surface Water ☒ Soil ☐Remedial Action: Proposed ☐ Under Design ☒
In Progress ☐ Completed ☐

Nature of Action: partial leachate collection system

Status of Legal Action: Signed Consent Order #7-0439 State ☒ Federal ☐Permits Issued: Federal ☐ Local Government ☐ SPDES ☐
Solid Waste ☒ Mined Land ☐ Wetlands ☐ Other ☐
Facility Permit # 1550

Assessment of Environmental Problems:

Groundwater sampling revealed levels of iron exceeding groundwater standards (6NYCRR Par 703). Surface water sampling also showed elevated levels of ammonia, phenol, iron, manganese in excess of standards.

Assessment of Health Problems:

None Known

Persons Completing this Form:

Frances C. GeisslerWehran EngineeringNew York State Department of Environmental
Conservation

New York State Department of Health

Date 8/23/85

