



- With NYSDEC on Seaway 6/17/98
- Linde response from NYSDEC, would like 3 July - notify [REDACTED]
- Resumé of Radiation Safety Officer how to see

## Seaway

draft EIS when BFI was operational at site since that time  
EIS till now BFI has ceased operations

- delimitation of the closed land fill
- documentation of extent of cap
- is A with a leachate <sup>collection</sup> system of BFI closure
- are there passive gas vents in area A

document change from original Proposed Plan to updated Proposed Plan

double liner would be needed for NYSDEC solid waste, leachate collection system etc., NYSDEC (Mark) doesn't believe.

Made commitment to Tom of Tonawanda that they wouldn't open BFI had been willing to make a

Only are that isn't closed is that RAD area - Mark - State awaiting some action on RAD then closure.

direct discharge of leachate into Tom of Tonawanda sewer so BFI does testing of water for Tom

closed as far as permitting but not closed

- not venting in area A

Fleury all gar new; Tom doesn't know how a system

a document

→ closure certification report - thickness, extent  
as built drawings

covers 200 B, C  
NYS DEP

Area A - did not want anything done in Area A until  
DOE

- some question if you could find B+C after characterization.  
incorporated further into bid bill.

- B+C every

- would not

- ALARA and TAGM of concern <sup>concern doesn't count Radon</sup>

- convinced that we need to prove why not remove Area A

- concentration of Radon in small pipe from 100 acres  
conservative/plausible is industrial,  
80-180 p/l positive measure of severity

- never tested by the school for Radon

- not a Radon problem in basements in the area

- the sampling records expected from BFI

system as configured would not serve as is a passive.

- notice in the deed just this was a bid bill -  
here it pulled out

NYS DEP will look at Residential

6/12/98

Permits that may be needed

1. SREDES permit
2. Article 17 — Article 300
3. Pre Treatment Approval  
need volume, metals, sayings in PACTs
4. substance requirements of 380

information to either groundwater or surface water  
general environmental review SREDES  
- Environmental Significance of a SREDES permit

CERCLA exemption to administrative requirement but

process water from an industrial site - metals what we have  
limit exposure by how you

[REDACTED]

[REDACTED] submit permit to that use procedure. As is



**SAIC Engineering, Inc.**  
A Subsidiary of Science Applications  
International Corporation

## CONTACT REPORT

**PREPARED BY :** [REDACTED]

**DATE:** June 18, 1998

**CONTACT :** NYSDEC  
**AFFILIATION :** NYSDEC  
**PHONE :** See Below  
**SUBJECT :** Seaway Landfill

### DISCUSSION :

A meeting was held on June 17, 1998, concerning issues related to the Seaway Landfill.  
Attendees included:

Mark Hans	NYSDEC	716 851 7220
John Abunce	NYSDEC	518 457 2225
John Mitchell	NYSDEC	518 457 2225
John Waddell	SAIC	716 879 4469
Tim Byrnes	COE	716 879 4276
Dave Conboy	COE	716 879 4436
Barbara Youngberg	NYSDEC	518 457 2225
Frank Stevenson	SAIC	508 946 3500

The meeting had been requested by COE to discuss the following issues:

1. USACE schedule on Seaway CERCLA process
2. Description of Alternatives to be addressed in revised PP for the Seaway site
3. Discussion of information and document needs to support CERCLA process
  - Extent of cap
  - Extent of leachate collection system
  - Extent of gas collection system
  - Status of facility closure (un-capped areas)
4. Discussion on long-range plans for the facility (NYSDEC perspective)
  - Remaining capacity/area
5. Status of NYSDEC investigation of radon issue
6. Open discussion on radon issue

Tim Byrnes opened the meeting by discussing the goals of the meeting and presented a brief description of the FUSRAP schedule for the Seaway site (Revised PP - August, 1998; ROD - February, 1999; RA - April 1999). Frank then discussed the following issues and raised the questions as indicated.

Based on earlier document reviews, BFI proposed two closure designs, one closing the site short of area A, the other included additional filling in the area of area A with closure of the entire site. The basis for the ultimate decision to close the facility in its current configuration is not known (by Frank). NYSDEC indicated at the meeting that they rejected the plan to use/close the entire site so BFI proceeded with the closure as it now exists. NYSDEC indicated that the site is "officially closed". Frank asked what documents were available that present the current configuration. NYSDEC indicated that the "Closure Certification Report" contains this information and plans were set for Frank to review and arrange for obtaining a copy of this report at a meeting to be held on Friday, June 19 with Mr. Hans.

**Frank questioned the configuration of the leachate collection system (does the clay wall follow the property configuration) and how is the cap terminated in the area of area A if it was not tied into the clay wall. NYSDEC indicated that this information would be in the closure report.**

**The condition of the leachate collection system was discussed and NYSDEC indicated that BFI routinely analyzes the leachate and submits reports to NYSDEC. These results are available and can be viewed/copied.**

We asked NYSDEC of the Department's position on the continued filling of the site (disregarding the existence of the MED waste. They responded that any additional filling would require the installation of a double liner system and that the remaining capacity of the site would probably not justify pursuing approval for additional waste disposal. Additionally, NYSDEC indicated that there may be an agreement with between BFI and the Town of Tonawanda to not fill these areas.

We raised the question if NYSDEC had a position on leaving the waste in areas B and C. They indicated that they would have to review the documents that would be required to justify leaving this material in place but they could understand such a request and justification. The similarity to the conditions at the Town of Tonawanda landfill (concerning the presence of americium) and NYSDEC's position on the capping of this site was discussed.

Similarly, we asked what their position might be on a proposal to cap area A. NYSDEC's response was less positive on this issue and they stated that the justification would be looked at quite closely. They did not feel that it could easily be justified. NYSDEC stated that they would expect to see a remedy that would meet the TAGM 4003 10 millirem criteria assuming a reasonable future use of the site as residential (with public water). They also indicated that in their calculations, they try not to be overly conservative in their exposure assumptions and have found that often their calculations indicate remedies meet the 10 millirem criteria when other's calculations result in 15 millirem exposures, due to their selection of reasonably conservative assumptions in their modeling.

We asked about future requirements for BFI to cap the remaining areas and they indicated that after the FUSRAP waste was addressed, NYSDEC would instruct BFI to complete the closure of this area.

The discussion then turned to the issue of radon gas at the site and the concerns over the active gas collection and flare system at the site. NYSDEC indicated that they are standing firm on their conclusions that the radon measured at the site is typical of landfill gas at sites not containing MED waste. They also indicated that the sampling done of the wells under passive conditions showed the highest radon concentrations at the southern end of the landfill (furthest away from areas B and C). NYSDEC indicated that BFI will probably be sampling the gas within the next few months. A copy the NYSDEC report "Niagara Landfill Gas Extraction System, Fourth Quarterly Sampling and, Evaluation of Radon Results, July 7 - 8, 1997" was provided for our review and records.

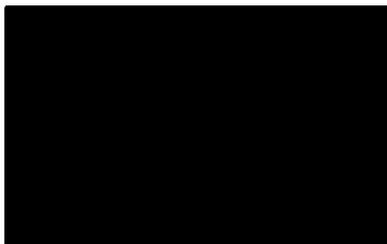
We asked about post-closure requirements at the site. The 30-year requirements were discussed and no additional requirements exist. NYSDEC is not sure if there is a prohibition to future use of the site (perhaps through local building codes). NYSDEC is also not sure if there is a deed notice/restriction on the property.

**ACTION ITEMS :**

Frank - Meet with Hans on Friday and arrange for copies of referenced documents, including Closure certification report, Final Topo, leachate results, etc.

Al - Incorporate the above information into revised PP

**DISTRIBUTION :**





**SAIC Engineering, Inc.**  
A Subsidiary of Science Applications  
International Corporation

## CONTACT REPORT

**PREPARED BY :** [REDACTED]  
**DATE:** June 19, 1998

**CONTACT :** [REDACTED]  
**AFFILIATION :** NYSDEC  
**PHONE :** [REDACTED]  
**SUBJECT :** Seaway Landfill

### DISCUSSION :

I met briefly with Mark on June 19, 1998 to review closure documents relating to the Seaway Landfill. Mark provided approximately 16 bound documents that he thought I might be interested in reviewing. These documents included Closure Plans, Daily Construction Field Summary Reports, and Construction Monitoring Reports. Mark also gave me a list of all of the bound reports that NYSDEC has relating to the site (copy attached). I reviewed the following in detail and I am requesting full copies of the documents marked with an \*:

- 15S04.18\* Construction Monitoring Report, Closure 1994, GZA
- 15S04.14\* Addendum to Closure Plan, GZA 1989
- 15S04.13\* Closure Plan, GZA 1988
- 15S04.12 Construction Monitoring Report, Closure 1991, GZA
- 15S04.15 Construction Monitoring Report, Closure 1992, GZA
- 15S04.47 Construction Monitoring Report, Closure 1990, GZA
- 15S04.17 Construction Monitoring Report, Closure 1993, GZA
- 15S04.45\* Addendum #2 to Closure Plan, GZA Feb. 1993
- 15S04.11 48" RCP Rehabilitation report, GZA Feb. 1994
- 15S04.130 Monthly/Annual Leachate Analysis, GZA February 1995
- 15S04.89 Area A Surface/Subsurface Physical Characteristics, RECRA 1991

I also reviewed several of the Daily Construction Field Summary reports and determined that the contained detailed information that is summarized in the Construction Monitoring Reports.

### Closure Plans

The first two closure plans describe the two alternative closure approaches called Alternatives 1 and 2. Alt 1 was for filling the entire site and Alt 2 was for closure avoiding the MED waste on the site. As discussed at our meeting, Alt 2 was implemented. The third closure plan revised Alt 2 by adding fill in areas near the MED waste but determined by a more detailed investigation (the RECRA report) to be free of MED waste.

The final closure report contains a plan that delineates the areas capped during each construction

year. I have a copy of that plan. As shown, the closure cap has not been installed over area A as we suspected, however, it also shows that no cap has been installed over the area B and C locations.

The closure reports also indicated the size of the areas capped each year:

1990	7 acres
1991	23 acres
1992	3.4 acres
1993	23 acres
1994	4.1 acres

I also obtained a copy of the results for gross alpha and gross beta testing from the leachate collection system. These results come from the Annual Report dated February 1995 and present the following from the "metering manhole":

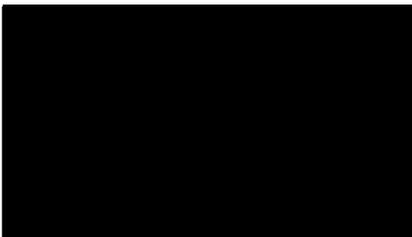
Gross alpha	<20 pCi/l
Gross beta	170 +/- 20 pCi/l
Sample date	2/27/95

The report I reviewed on the 48" RCP Rehabilitation is a set of contract documents and specifications relating to the installation of 39" and 42" HDPE slip-lining, as well as cleaning and inspections. I did not find any confirmation that the project was completed and Mark Hans was not sure be he thought it had been completed.

**ACTION ITEMS :**

Frank - Have graphics superimpose the extent of cap on our site plan showing MED locations  
Arrange for copies of noted documents

**DISTRIBUTION :**



APPROXIMATE LIMIT OF C  
CONSTRUCTION IN 19

APPROXIMATE LIMIT OF CAP  
CONSTRUCTION IN 1993

APPROXIMATE LIMIT OF CAP  
CONSTRUCTION IN 1994

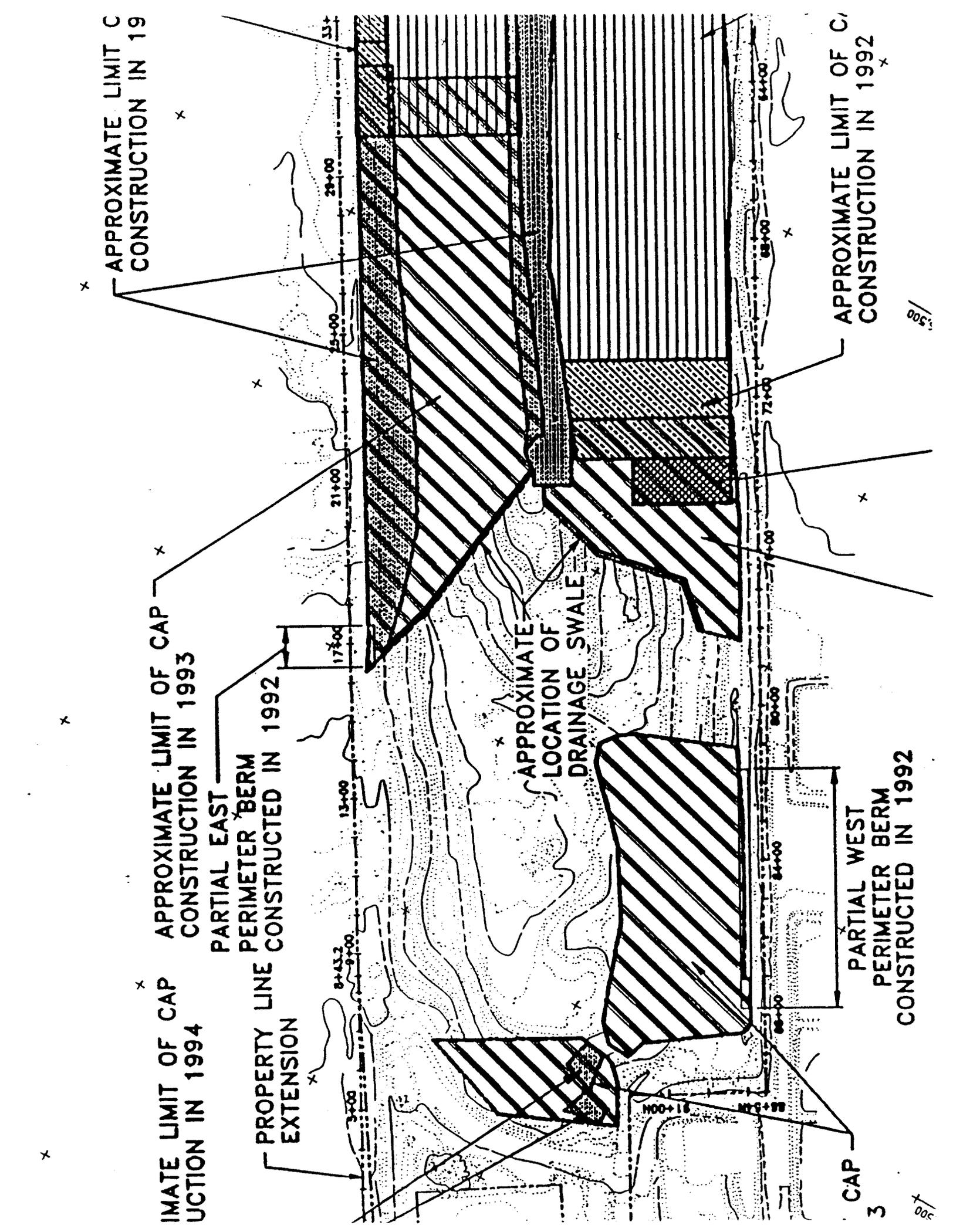
PARTIAL EAST  
PERIMETER BERM  
CONSTRUCTED IN 1992

APPROXIMATE  
LOCATION OF  
DRAINAGE SWALE

APPROXIMATE LIMIT OF C  
CONSTRUCTION IN 1992

PARTIAL WEST  
PERIMETER BERM  
CONSTRUCTED IN 1992

CAP  
3





Record#	REPORT_NUM	TITLE	VOLUME	AUTHOR	DATE
1	01	ENGINEERS REPORT - INDUSTRIAL LANDFILL SITE		GORDON H. SODERHOLM	08/27/1973
2	02	SEAWAY INDUSTRIAL PARK/ENGINEERING REPORT		WEHRAN ENGINEERING, P.C.	07/01/1979
3	03	ENVIRONMENTAL IMPROVEMENTS FINAL CONSTRUCTION REPORT		CH2M HILL	01/24/1984
4	04	360 APPLICATION FOR A RENEWAL AND MODIFICATION		RECRA RESEARCH, INC.	01/06/1983
5	05	POST CLOSURE MONITORING/MAINTENANCE MANUAL W/ADDENDA		GZA GEOENVIRONMENTAL OF NY	08/20/1993
6	06	SITE SURVEY PLAN		FORD, BACON & DAVIS UTAH, INC.	04/29/1981
7	07	PERMIT RENEWAL-NOTICE OF INCOMPLETE APPLICATION		RECRA ENVIRONMENTAL, INC.	08/11/1987
8	08	PART 360 APPLICATION FOR RENEWAL TO AN EXISTING PERMIT		RECRA ENVIRONMENTAL, INC.	04/01/1987
9	09	DESIGN AND CONSTRUCTION MONITORING REPORT LEFLER EXPANSION	I	GOLDBERG-ZOINO ASSOCIATES	08/18/1987
10	09	DESIGN AND CONSTRUCTION MONITORING REPORT LEFLER EXPANSION	II	GOLDBERG-ZOINO ASSOCIATES	08/18/1987
11	09	DESIGN AND CONSTRUCTION MONITORING REPORT LEFLER EXPANSION	III	GOLDBERG-ZOINO ASSOCIATES	08/18/1987
12	09	DESIGN AND CONSTRUCTION MONITORING REPORT LEFLER EXPANSION	IV	GOLDBERG-ZOINO ASSOCIATES	08/18/1987
13	10	1993 DAILY FIELD SUMMARY REPORTS CLOSURE CONST. 1/20-8/31/93	I	GZA GEOENVIRONMENTAL OF NY	01/01/1994
14	10	1993 DAILY FIELD SUMMARY REPORTS CLOSURE CONST. 9/1-12/6/93	II	GZA GEOENVIRONMENTAL OF NY	01/01/1994
15	(11)	48 INCH RCP REHABILITATION		GZA GEOENVIRONMENTAL OF NY	02/01/1994
16	12	CONSTRUCTION MONITORING REPORT FOR 1991 CLOSURE	I	GZA GEOENVIRONMENTAL OF NY	03/31/1994
17	12	CONSTRUCTION MONITORING REPORT FOR 1991 CLOSURE	II	GZA GEOENVIRONMENTAL OF NY	03/31/1994
18	13	CLOSURE PLAN		GOLDBERG-ZOINO ASSOCIATES	09/14/1988
19	14	ADDENDUM TO CLOSURE PLAN		GOLDBERG-ZOINO ASSOCIATES OF N	03/07/1989
20	15	CONSTRUCTION MONITORING REPORT FOR 1992 CLOSURE	I	GZA GEOENVIRONMENTAL OF NY	04/29/1994
21	15	CONSTRUCTION MONITORING REPORT FOR 1992 CLOSURE	II	GZA GEOENVIRONMENTAL OF NY	04/29/1994
22	16	CMR WEST PERIMETER BERM 58+50 - 71+50	I	GOLDBERG-ZOINO ASSOCIATES OF N	03/29/1989
23	16	CMR WEST PERIMETER BERM 58+50 - 71+50	II	GOLDBERG-ZOINO ASSOCIATES OF N	03/29/1989
24	17	CONSTRUCTION MONITORING REPORT FOR 1993 CLOSURE	I	GZA GEOENVIRONMENTAL OF NY	12/30/1994
25	17	CONSTRUCTION MONITORING REPORT FOR 1993 CLOSURE	II	GZA GEOENVIRONMENTAL OF NY	12/30/1994
26	18	CONSTRUCTION MONITORING REPORT CLOSURE - 1994		GZA GEOENVIRONMENTAL OF NY	01/30/1995
27	19	METHANE COLLECTION SYSTEM OPERATION AND MAINTENANCE		BROWNING-FERRIS INDUSTRIES	10/01/1995
28	20	1992 DAILY FIELD SUMMARY REPORTS NW CORNER 12/12/91-02/24/92	I	GZA GEOENVIRONMENTAL OF NY	12/01/1992
29	20	1992 DAILY FIELD SUMMARY REPORTS NW CORNER 6/9/92 - 11/2/92	II	GZA GEOENVIRONMENTAL OF NY	12/01/1992
30	21	CMR WEST PERIMETER BERM 71+50 THROUGH 79+00		GOLDBERG-ZOINO ASSOCIATES	12/29/1989
31	22	CMR WEST PERIMETER BERM 52+15 THROUGH 55+00		GOLDBERG-ZOINO ASSOCIATES	09/24/1989
32	23	1991 DAILY FIELD SUMMARY REPORTS CLOSURE CONST. 3/3 -7/8/91	I	GZA GEOENVIRONMENTAL OF NY	02/01/1993
33	23	1991 DAILY FIELD SUMMARY REPORTS CLOSURE CONST. 7/9 -9/9/91	II	GZA GEOENVIRONMENTAL OF NY	02/01/1993
34	23	1991 DAILY FIELD SUMMARY REPORTS CLOSURE CONST. 9/10-12/12/	III	GZA GEOENVIRONMENTAL OF NY	02/01/1993
35	24	WEST BERM REMEDIATION		GOLDBERG-ZOINO ASSOCIATES OF N	07/23/1990
36	25	CONTINGENCY PLAN ADDENDUM		GZA GEOENVIRONMENTAL OF NY	08/18/1992
37	26	POST-CLOSURE MONITORING & MAINTENANCE OPERATIONS MANUAL		GZA GEOENVIRONMENTAL OF NY	08/18/1992
38	27	NORTH END CONTAINMENT CELL-DESIGN CONCEPTS-QA/QC PLAN		GZA GEOENVIRONMENTAL OF NY	10/01/1991
39	28	WORK PLAN		LAW ENVIRONMENTAL	11/04/1991
40	29	DRAFT WORK PLAN		LAW ENVIRONMENTAL	08/13/1991
41	30	1994 DAILY FIELD SUMMARY REPORTS CLOSURE 6/7 - 11/30/94		GZA GEOENVIRONMENTAL OF NY	12/01/1994
42	31	CAP RESTORATION CERTIFICATION REPORT - LFG SYSTEM		PARSONS ENGINEERING SCIENCE	11/01/1996
43	32	TONAWANDA SITE WORKSHOP		US DEPARTMENT OF ENERGY	07/20/1993
44	33	POST CLOSURE MONITORING AND MAINTENANCE OPERATIONS MANUAL		GZA GEOENVIRONMENTAL OF NY	05/01/1997
45	34	1994 THROUGH 1996 RECORD DRAWINGS FOR LANDFILL CAP CONSTRUCT		GZA GEOENVIRONMENTAL OF NY	06/24/1997
46	35				/ /
47	36				/ /
48	37	DRAWINGS-NC LANDFILL GAS EXTRACTION			/ /
49	37	NC LANDFILL GAS EXTRACTION			/ /
50	38	POST CLOSURE & MONITORING/MAINTENANCE OPERATION MANUAL		GZA GEOENVIRONMENTAL OF NY	08/18/1992
51	39	CONTINGENCY PLAN ADDENDUM		GZA GEOENVIRONMENTAL OF NY	08/18/1992
52	40	PERMIT MODIFICATION REQUEST NIAGARA LANDFILL		GZA GEOENVIRONMENTAL OF NY	10/01/1990
53	41	QUARTERLY WATER MONITORING REPORT			/ /
54	42				/ /
55	43	KROENIG FARM BORROW SOURCE EVALUATION			/ /
56	44				/ /
57	45	ADDENDUM NO. 2, CLOSURE PLAN		GZA GEOENVIRONMENTAL OF NY	02/23/1993
58	46				/ /
59	47	CONSTRUCTION MONITORING REPORT CLOSURE 1990	I	GZA GEOENVIRONMENTAL OF NY	05/28/1993
60	47	CONSTRUCTION MONITORING REPORT CLOSURE 1990	II	GZA GEOENVIRONMENTAL OF NY	05/28/1993
61	48				/ /
62	49				05/28/1993

63	49B						05/28/1993
64	GW01	HYDROGEOLOGIC INVESTIGATION				RECRA RESEARCH/WEHRAN ENGINEER	05/23/1979
65	GW02	360 COMPLIANCE-SUBSURFACE INVESTIGATION-WELL INSTALLATION				RECRA RESEARCH, INC.	02/01/1984
66	GW03	GW MONITORING WELL INSTALLATION & BASELINE WATER QUALITY PROG				RECRA ENVIRONMENTAL, INC.	04/01/1988
67	GW04	GROUNDWATER MONITORING "EXPANDED" 1988 MARCH				RECRA ENVIRONMENTAL, INC.	05/01/1988
68	GW05	GROUNDWATER MONITORING SECOND QUARTER 1988 JUNE				RECRA ENVIRONMENTAL, INC.	07/01/1988
69	GW06	GROUNDWATER MONITORING THIRD QUARTER 1988 SEPTEMBER				RECRA ENVIRONMENTAL, INC.	10/18/1988
70	GW07	GROUNDWATER MONITORING FOURTH QUARTER 1988 DECEMBER				RECRA ENVIRONMENTAL, INC.	01/28/1989
71	GW08	GROUNDWATER MONITORING FIRST QUARTER 1989 MARCH				RECRA RESEARCH/WEHRAN ENGINEER	04/10/1989
72	GW09	GROUNDWATER MONITORING WELL INSTALLATION				GOLDBERG-ZOINO ASSOCIATES	11/10/1989
73	GW10	FIELD REPORT GROUNDWATER MONITORING 4TH QUARTER 1989				RECRA ENVIRONMENTAL, INC.	12/15/1989
74	GW11	GROUNDWATER MONITORING THIRD QUARTER 1989 SEPTEMBER				RECRA RESEARCH/WEHRAN ENGINEER	10/19/1989
75	GW12	REVISED ENVIRONMENTAL MONITORING PLAN				RECRA ENVIRONMENTAL, INC.	02/01/1990
76	GW13	GROUNDWATER MONITORING FOURTH QUARTER 1989 NOVEMBER/DECEMBE				RECRA ENVIRONMENTAL, INC.	01/15/1990
77	GW14	REVISED ENVIRONMENTAL MONITORING PLAN				RECRA ENVIRONMENTAL, INC.	04/01/1990
78	GW15	GROUNDWATER MONITORING FIRST QUARTER 1990 JANUARY/FEBRUARY				RECRA ENVIRONMENTAL, INC.	04/16/1990
79	GW16	RESPONSE TO DEC COMMENTS ON ENVIRONMENTAL MONITORING PLAN				RECRA ENVIRONMENTAL, INC.	04/17/1990
80	GW17	FINAL ENVIRONMENTAL MONITORING PLAN		I		RECRA ENVIRONMENTAL, INC.	11/05/1990
81	GW17	FINAL ENVIRONMENTAL MONITORING PLAN APPENDICES		II		RECRA ENVIRONMENTAL, INC.	11/05/1990
82	GW18	GROUNDWATER MONITORING THIRD QUARTER 1990 AUGUST				RECRA ENVIRONMENTAL, INC.	10/03/1990
83	GW19	GROUNDWATER MONITORING WELL W-5 EXPANDED PARAMETERS 11/29				RECRA ENVIRONMENTAL, INC.	01/31/1991
84	GW20	GROUNDWATER MONITORING FOURTH QUARTER 1990 NOVEMBER/DECEMBE				RECRA ENVIRONMENTAL, INC.	02/18/1991
85	GW21	GROUNDWATER MONITORING FIRST QUARTER 1991 FEBRUARY				RECRA ENVIRONMENTAL, INC.	03/29/1991
86	GW22	GROUNDWATER MONITORING SECOND QUARTER 1991 MAY				RECRA ENVIRONMENTAL, INC.	06/25/1991
87	GW23	GROUNDWATER MONITORING SECOND QUARTER 1991 ADDITIONAL DATA				RECRA ENVIRONMENTAL, INC.	07/22/1991
88	GW24	GROUNDWATER MONITORING THIRD QUARTER 1991 AUGUST				RECRA ENVIRONMENTAL, INC.	09/04/1991
89	GW25	AREA A SURFACE/SUBSURFACE PHYSICAL CHARACTERISTICS				RECRA ENVIRONMENTAL, INC.	01/01/1992
90	GW26	GROUNDWATER MONITORING FIRST QUARTER 1992 FEBRUARY				RECRA ENVIRONMENTAL, INC.	03/25/1992
91	GW27	ANNUAL BASELINE GROUNDWATER MONITORING 1992 MAY				RECRA ENVIRONMENTAL, INC.	06/11/1992
92	GW28	GROUNDWATER MONITORING SECOND QUARTER 1990 MAY				RECRA ENVIRONMENTAL, INC.	06/29/1990
93	GW29	GROUNDWATER MONITORING FIRST QUARTER 1993 FEBRUARY				RECRA ENVIRONMENTAL, INC.	03/11/1993
94	GW30	QUARTERLY WATER QUALITY STATISICAL EVALUATION				RECRA ENVIRONMENTAL, INC.	03/23/1993
95	GW31	MONITORING WELL EVALUATION				GZA GEOENVIRONMENTAL OF NY	05/04/1993
96	GW32	GROUNDWATER MONITORING SECOND QUARTER 1993 MAY				RECRA ENVIRONMENTAL, INC.	06/17/1993
97	GW33	STATISTICAL EVALUATION BASELINE UPDATE				RECRA ENVIRONMENTAL, INC.	07/14/1993
98	GW34	GROUNDWATER MONITORING THIRD QUARTER 1993 ANNUAL AUGUST				RECRA ENVIRONMENTAL, INC.	10/04/1993
99	GW35	STATISTICAL EVALUATION OF THIRD QUARTER 1993 SAMPLES				RECRA ENVIRONMENTAL, INC.	10/21/1994
100	GW36	GROUNDWATER MONITORING FOURTH QUARTER 1993 NOVEMBER				RECRA ENVIRONMENTAL, INC.	01/05/1994
101	GW37	STATISTICAL EVALUATION OF FOURTH QUARTER 1993 SAMPLES NOV				RECRA ENVIRONMENTAL, INC.	01/27/1994
102	GW38	GROUNDWATER MONITORING FIRST QUARTER 1994 FEBRUARY				RECRA ENVIRONMENTAL, INC.	03/15/1994
103	GW39	GROUNDWATER MONITORING FOURTH QUARTER 1983 DECEMBER				RECRA RESEARCH, INC.	01/18/1984
104	GW40	QUARTERLY GROUNDWATER MONITORING FOR 1984 MAR/JUN/SEP/DEC				RECRA ENVIRONMENTAL LABORATORI	01/14/1985
105	GW41	QUARTERLY GROUNDWATER MONITORING FOR 1985 MAR/JUN/SEP/DEC				RECRA RESEARCH, INC.	02/10/1986
106	GW42	QUARTERLY GROUNDWATER MONITORING FOR 1986 MAR/JUN/SEP/DEC				RECRA ENVIRONMENTAL, INC.	01/13/1987
107	GW43	QUARTERLY GROUNDWATER MONITORING FOR 1987 MAR/JUN/SEP/DEC				RECRA ENVIRONMENTAL, INC.	01/08/1988
108	GW44	GROUNDWATER MONITORING SECOND QUARTER 1989 JUNE				RECRA ENVIRONMENTAL, INC.	07/25/1989
109	GW45	GROUNDWATER MONITORING PROGRAM RESULTS FOR 1979 - 1985				RECRA ENVIRONMENTAL, INC.	01/06/1989
110	GW46	REVISED ENVIRONMENTAL MONITORING PLAN				RECRA ENVIRONMENTAL, INC.	08/01/1990
111	GW47	GROUNDWATER MONITORING FOURTH QUARTER 1990 NOVEMBER				RECRA ENVIRONMENTAL, INC.	12/05/1991
112	GW48	GROUNDWATER MONITORING THIRD QUARTER 1992 AUGUST				RECRA ENVIRONMENTAL, INC.	08/28/1992
113	GW49	SOIL/SURFACE WATER SAMPLES APRIL 1993				RECRA ENVIRONMENTAL, INC.	05/18/1993
114	GW50	LEACHATE ANALYSIS				VERSAR INC.	05/16/1985
115	GW51	STATISTICAL EVALUATION OF FIRST QUARTER 1995 GROUNDWATER DAT				RECRA ENVIRONMENTAL INC.	03/28/1995
116	GW52	ANNUAL BASELINE ANALYSIS SAMPLES TAKEN NOVEMBER 14, 1994				RECRA ENVIRONMENTAL INC.	01/05/1995
117	GW53	STATISTICAL EVALUATION OF FOURTH QUARTER 1994 GROUNDWATER DA				RECRA ENVIRONMENTAL INC.	01/10/1995
118	GW54	GROUNDWATER MONITORING FOURTH QUARTER 1994 NOVEMBER				RECRA ENVIRONMENTAL INC.	12/23/1994
119	GW55	GROUNDWATER MONITORING SECOND QUARTER 1995 MAY				RECRA ENVIRONMENTAL INC.	06/22/1995
120	GW56	GROUNDWATER MONITORING THIRD QUARTER 1995 AUGUST				RECRA ENVIRONMENTAL INC.	09/19/1995
121	GW57	GROUNDWATER MONITORING SECOND QUARTER 1996 JUNE				RECRA ENVIRONMENTAL INC.	07/12/1996
122	GW58	GROUNDWATER MONITORING FOURTH QUARTER 1995 NOVEMBER				RECRA ENVIRONMENTAL INC.	01/29/1996
123	GW59	GROUNDWATER MONITORING THIRD QUARTER 1996 AUGUST				RECRA ENVIRONMENTAL INC.	10/09/1996
124	GW60	GROUNDWATER MONITORING FOURTH QUARTER 1996 NOVEMBER				RECRA ENVIRONMENTAL INC.	01/03/1997
125	GW61	GROUNDWATER MONITORING FIRST QUARTER 1997 FEBRUARY				RECRA ENVIRONMENTAL INC.	03/18/1997
126	GW62	GROUNDWATER MONITORING SECOND QUARTER 1997 MAY				RECRA ENVIRONMENTAL INC.	07/03/1997

127	GW63	GROUNDWATER MONITORING THIRD QUARTER 1997	AUGUST	RECRA ENVIRONMENTAL INC.	09/12/1997
128	GW64	GROUNDWATER MONITORING SECOND QUARTER 1994	MAY	RECRA ENVIRONMENTAL INC.	06/29/1994
129	GW65	GROUNDWATER MONITORING THIRD QUARTER 1994	AUGUST	RECRA ENVIRONMENTAL INC.	09/12/1994
130	GW66	MONTHLY/ANNUAL LEACHATE ANALYSIS FEBRUARY 1995		RECRA ENVIRONMENTAL INC.	03/07/1995
131	GW67	GROUNDWATER MONITORING FOURTH QUARTER 1997	NOVEMBER	RECRA LABNET	12/16/1997
132	GW68	GROUNDWATER MONITORING FIRST QUARTER 1998	FEBRUARY	RECRA LABNET	03/26/1998