Pl. Return to Tony Candela. DHWR

LANDFILL CLOSURE ASSISTANCE PROGRAM

APPLICATION

FOR

SPRINGS-FIREPLACE LANDFILL

AT

TOWN OF EAST HAMPTON

Remediation

DECEMBER 1990

fanning, phillips & molnar
ENGINEERS
RONKONKOMA NEW YORK

FANNING, PHILLIPS & MOLNAR
Consulting Engineers
909 MARCONI AVENUE
RONKONKOMA, NEW YORK 11779

RICHARD FANNING, P. E. (1931-1984)
KEVIN J. PHILLIPS, P. E., Ph. D.
GARY A. MOLNAR, P. E.

516/737-6200
718/767-3337
TELECOPIER 516/737-2410

December 27, 1990

RECEIVED
DEC 28 1990
DIVISION OF SOLID WASTE
NYSDEC REGION 1

Mr. Norman H. Nosenchuck, Director
Division of Solid Waste
NYSDEC
50 Wolf Road
Albany, New York 12233-4010

RE: Landfill Closure Assistance Program

Dear Mr. Nosenchuck:

Enclosed herewith, please find one original and one copy of the application package for the Montauk Landfill closure project.

Should you wish to discuss this application or require additional information, please call.

Thank you for your attention to this application and we look forward to a favorable response in the upcoming year.

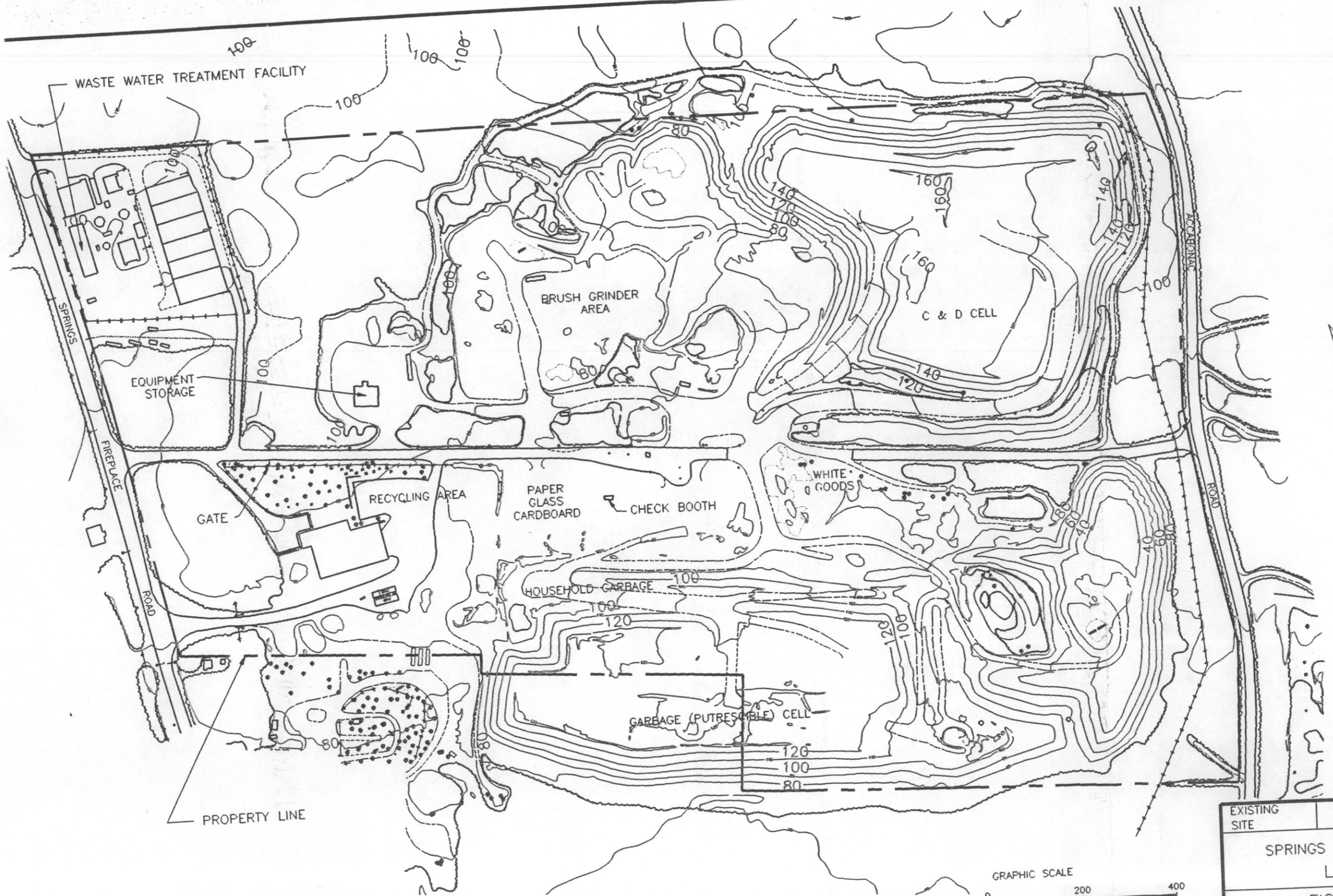
Very truly yours,

Kevin J. Phillips

Kevin J. Phillips, P.E., Ph.D.
Principal, Fanning, Phillips
and Molnar

KJP:sa
Enclosure

cc: Mr. Paul Roth, Regional Solid Waste Engineer, NYSDEC
Mr. Tony Bullock, Supervisor
Cynthia Shea, Esq.



EXISTING SITE	TOWN OF EAST HAMPTON

SPRINGS FIREPLACE ROAD
LANDFILL

FIGURE 1.2.1

LOUIS K. McLEAN ASSOCIATES, P.C.

APPLICATION FOR NEW YORK STATE ASSISTANCE
PURSUANT TO TITLE 5, ARTICLE 54, ENVIRONMENTAL CONSERVATION LAW

(Please type or neatly print in black ink)

NAME OF APPLICANT (Municipality) Town of East Hampton

POPULATION OF MUNICIPALITY 1990 Year Round - 16,680/Seasonal - 51,000

COUNTY Suffolk

SITE NAME Springs-Fireplace Road Landfill

SITE LOCATION Springs-Fireplace Road, East Hampton, NY

OBLIGATION TO CLOSE NYSDEC Order on Consent File No. 1-3699-89-06
(see attachment)

INDIVIDUAL AUTHORIZED TO SIGN THIS APPLICATION

Name Mr. Tony Bullock

Title Supervisor, Town of East Hampton

Address 159 Pantigo Road

City East Hampton State New York

Zip Code 11937

Phone No.: (516) 324-4140
(include area code)

OFFICIAL TO WHOM PAYMENT CHECKS ARE TO BE MAILED

Name Town of East Hampton

Title Tony Bullock (Town Supervisor)

Address 159 Pantigo Road

City East Hampton State New York

Zip Code 11937

Phone No.: (516) 324-4140
(include area code)

THE FOLLOWING ITEMS ARE INCLUDED WITH THIS APPLICATION FORM (SEE ATTACHMENTS):

Attachment	Description
1.	Copies of the closure investigation workplans. 360-2.15(a)(1) - Hydrogeologic Investigation (a)(2) - Explosive Gas Investigation (a)(3) - Surface Leachate (N/A) (a)(4) - Vector Investigation (a)(5) - Outline of Investigation Report
2.	Copy of correspondence from the state indicating the approval status of the closure investigation report.
3.	Copy of the administrative order, court order or permit containing the obligation to close the landfill closure site by a specific date.
4.	MUNICIPAL LANDFILL CLOSURE PROJECT WORK PLAN.
5.	A copy of the governing body's authorization for submission of this application.
6&7.	Statement that the landfill closure site is not currently Classification 1 or Classification 2 according to the Registry. AND Statement that a complete reclassification investigation will be submitted to the Department.
8.	An affirmative action workplan.
9.	Statement that the landfill closure project area will not have a landfill constructed on it.
10.	Statement that post-closure monitoring and maintenance will be implemented according to regulations.
11.	Completed MUNICIPAL LANDFILL CLOSURE PROJECT RANKING SYSTEM WORKSHEET.

CERTIFICATION: The undersigned does hereby certify that the information contained in this application and in the attached certified copies of resolution(s), other statements, and exhibits is true, correct, and complete to the best of his knowledge and belief, and further that any and all statements, data, and supporting documents which have heretofore been furnished for the purpose of receiving New York State Assistance for the landfill closure funding described herein are attached hereto in full.

Tony Bullock — 12/27/90

Signature of individual authorized to sign application — Date

Name Mr. Tony Bullock

(typed or neatly printed in black ink)

Title Supervisor, Town of East Hampton

(typed or neatly printed in black ink)

Kevin J. Phillips — 12/27/90

Signature of individual authorized to sign application — Date

Name Kevin J. Phillips, P.E., Ph.D.

(typed or neatly printed in black ink)

Title Principal, Fanning, Phillips and Molnar

(typed or neatly printed in black ink)

ATTACHMENTS 1

- SPRINGS-FIREPLACE HYDROGEOLOGIC/PHASE II INVESTIGATION WORK PLAN
- METHANE MONITORING GAS PLAN
- VECTOR INVESTIGATION PLAN

THESE REPORTS ARE BOUND UNDER A SEPARATE COVER

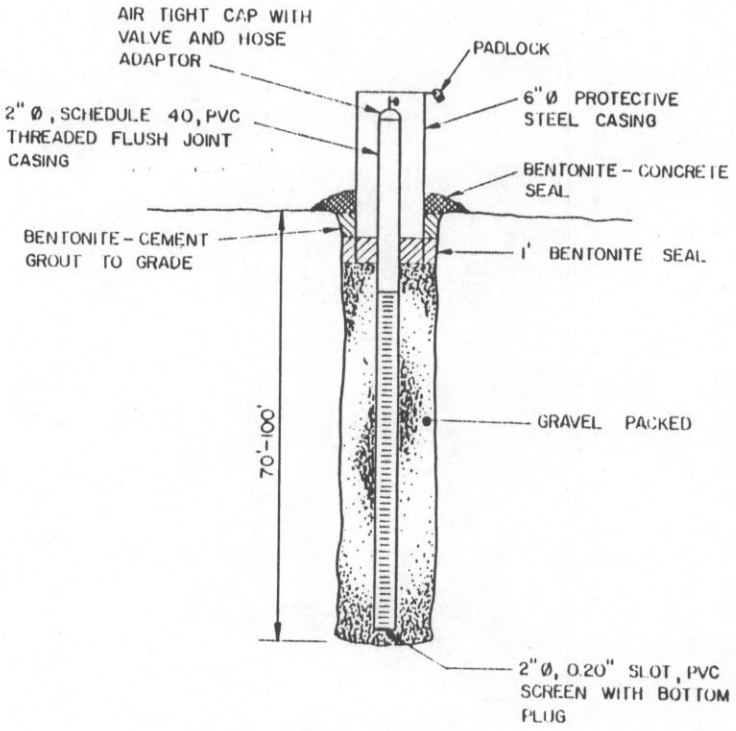
METHANE MONITORING PLAN

FOR

SPRINGS-FIREPLACE ROAD LANDFILL

PREPARED FOR

TOWN OF EAST HAMPTON



TYPICAL METHANE MONITORING WELL DETAIL

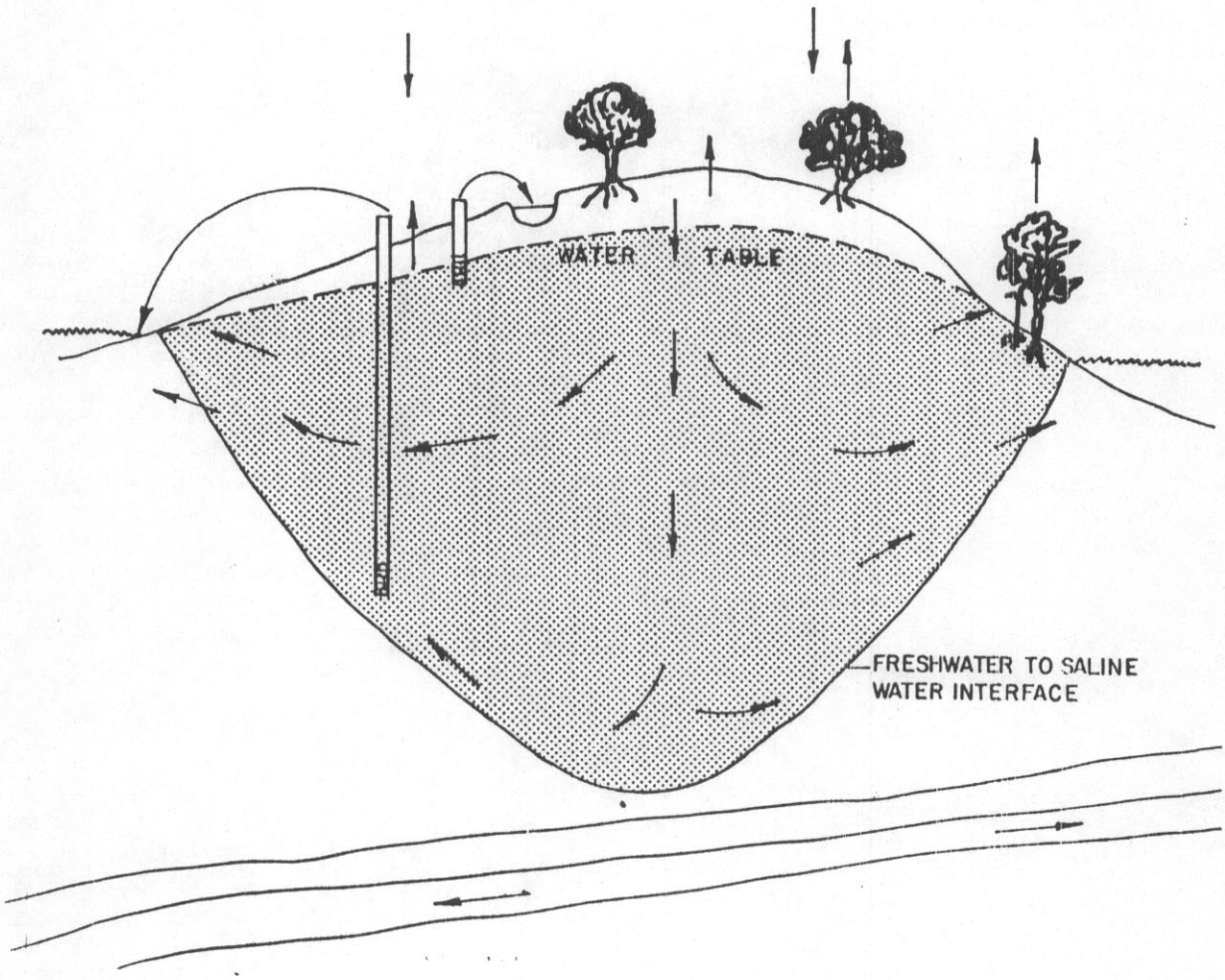
JANUARY 1990

fanning, phillips & molnar
ENGINEERS
RONKONKOMA NEW YORK

HYDROGEOLOGIC/PHASE II INVESTIGATION WORK PLAN
FOR
THE SPRINGS-FIREPLACE ROAD LANDFILL
(FACILITY ID # 52SO5 / 152058)

FOR COMPLIANCE WITH
6 NYCRR PART 360, SECTION 2.15
AND NYSDEC CHAPTER 857

PREPARED FOR
THE TOWN OF EAST HAMPTON



APRIL, 1990
REVISED: JUNE, 1990

fanning, phillips & molnar
ENGINEERS
RONKONKOMA NEW YORK

NYSCRR - 360-2.15 (a) (4)

VECTOR INVESTIGATION

An investigation will be performed to identify the presence of vectors at the Springs-Fireplace Landfill. Vectors are organisms which are capable of transmitting disease. For the Springs-Fireplace Landfill, vectors include non-indigenous rodents (such as Norway rats), bird species such as herring gulls, ring-billed gulls, greater black-backed gulls, starlings, crows and houseflies.

The investigation will entail evaluation of the on going vector eradication procedures to determine if they have been effective. Field visits will be scheduled to identify habitat and abundance of specie. Recommendation for vector control will then be given and coordinated with the capping of the landfill.

ATTACHMENT 2

APPROVAL OF WORK PLAN REPORTS

New York State Department of Environmental Conservation
Region 1 Headquarters
SUNY, Building 40, Stony Brook, NY 11794

(516) 751-2617

Thomas C. Jorling
Commissioner

January 18, 1990

Dr. Kevin Phillips
Fanning, Phillips & Molnar
909 Marconi Avenue
Ronkonkoma, NY 11779

Re: Methane monitoring plans -
Fireplace Road & Montauk Landfills, East Hampton, NY

Dear Dr. ~~Phillips:~~

The revised versions of the above referenced plans dated January, 1990 are hereby approved. It is our understanding that your firm wishes to commence and complete drilling operations at the Springs/Fireplace Road facility, before moving on to the Montauk facility. The Department has no objections to this strategy; however, this will require modification to consent order compliance schedules. A meeting will be arranged in the immediate future with Mr. Gene Daly of McLean Associates to discuss these and other modifications - you will be notified of that meeting date.

Please give the Department 72 hour advance notice of the commencement of drilling operations at the Springs/Fireplace Road landfill.

Yours very truly,

Daniel Morganelli
Senior Hydrogeologist

DM:mz
cc: P. Roth
N. Harrington
M. J-L Genece
Gene Daly (Louis McLean Assoc.)

Building 40—SUNY, Stony Brook, New York 11790-2356
(516) 751-2617

RECEIVED 1990

Thomas C. Jorling
Commissioner

August 10, 1990

Mr. Martin O. Klein
Fanning, Phillips & Molnar
909 Marconi Drive
Ronkonkoma, NY 11779

Re: Hydrogeologic Workplan
Springs-Fireplace Road Landfill
East Hampton, NY

Dear Marty:

The above referenced workplan dated June, 1990, is hereby approved subject to the following conditions:

- additional workplan modifications (relative to filter pack placement, the use of the mud rotary drilling method and pumps to be used for purging purposes), will be in accordance with the follow-up correspondence listed below:

NYSDEC (Morganelli)	to	FP & M (Klein)	7/20/90
FP & M (Klein)	to	NYSDEC (Morganelli)	7/26/90
FP & M (Klein)	to	NYSDEC (Morganelli)	8/02/90

These referenced documents will be attached to and made part of the final approved workplan.

Since both the Department's Solid and Hazardous Waste Divisions will be involved in the oversight of this project, I would ask that you please contact Paul Roth (D.S.W., Region 1) and John Conover (D.H.W., Region 1), 72 hours in advance of the commencement of drilling operations at the site.

Thanks again for your cooperation in finalizing this workplan.

Yours very truly,

Daniel Morganelli

Daniel Morganelli
Senior Hydrogeologist

DM:mz
cc: P. Roth, A. Candela, M. Genece, J. Conover, E. Zuk

ATTACHMENT 3

ORDER ON CONSENT

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION

In the Matter of the Alleged Violation of Articles 27 & 71 of the New York State Environmental Conservation Law & Part 360 of Title 6 of the Official Compilation of Codes, Rules and Regulations of the State of New York (6NYCRR), by	ORDER ON CONSENT
TOWN OF EAST HAMPTON	FILE NO.1-3699-89-06
(Suffolk County) Respondent	

WHEREAS, Article 27, Title 7 of the New York State Environmental Conservation Law (ECL), gives the New York State Department of Environmental Conservation (the "Department") the power to adopt and promulgate, amend and repeal rules and regulations governing the operation of solid waste management facilities, and such rules and regulations shall be directed at the prevention and reduction of air pollution; obnoxious odors and the infestation of flies and vermin and other conditions inimical to the public health, safety and welfare; and

WHEREAS, Part 360 of Title 6 of the Official Compilation of Codes, Rules and Regulations of the State of New York ("6NYCRR"), sets forth the provisions for the operation of a solid waste management facility; and

WHEREAS, the Department has documented the following violations of Article 27 of the New York State Environmental Conservation Law ("NYSECL") and 6NYCRR §360 by Respondent, Town of East Hampton, at its solid waste management facility at Springs-Fireplace Road, East Hampton, New York:

1. Operation without permit in violation of 6NYCRR §360.2 and §360.8 (§360-1.7);
2. Operation without the required liner and leachate control system in violation of 6NYCRR §360.2 and §360.8 (§360-1.14);
3. Failure to place daily, intermediate, and/or final cover in violation of 6NYCRR §360.8 (§360-2.17);
4. Failure to prevent ponding and erosion, and to properly maintain proper drainage control structures in violation of 6NYCRR §360.8 (§360-1.14, -2.15, -2.17);
5. Failure to control blowing papers, litter, odors, dust, rodents and other vectors, at the site in violation of 6NYCRR §360.8(§360-1.14);
6. Failure to sufficiently compact and control refuse in violation of 6NYCRR §360.8 (§360-2.17);

7. Failure to install and/or maintain an adequate groundwater monitoring system in violation of 6NYCRR §360.8 (§360-2.11);
8. Failure to install and/or maintain an adequate methane monitoring and/or control system at the site in violation of 6NYCRR §360.8 (§360-2.27);
9. Failure to develop and/or implement a closure plan in violation of 6NYCRR §360.8 (§360-2.15);
10. Failure to maintain adequate buffer in violation of 6NYCRR §360.8 (§360-2.13);
11. Failure to control access at the site in violation of 6NYCRR §360.8 (§360-1.14); and
12. Failure to maintain the required 1:3 slopes in violation of 6NYCRR §360.8 (§360-1.14 and -2.17);

WHEREAS, the Department has documented the following violations of Article 27 of the NYSECL and 6NYCRR §360 by Respondent at its solid waste management facility known as Montauk Landfill in Montauk, New York:

1. Operation without permit in violation of 6NYCRR §360.2 and §360.8 (§360-1.7);
2. Operation without the required liner and leachate control system in violation of 6NYCRR §360.2 and §360.8 (§360-1.14);
3. Failure to place daily, intermediate, and/or final cover in violation of 6NYCRR §360.8 (§360-2.17);
4. Failure to prevent ponding and erosion, and to properly maintain proper drainage control structures in violation of 6NYCRR §360.8 (§360-1.14, -2.15, -2.17);
5. Failure to control blowing papers, litter, odors, dust, rodents and other vectors, at the site in violation of 6NYCRR §360.8(§360-1.14);
6. Failure to sufficiently compact and control refuse in violation of 6NYCRR §360.8 (§360-2.17);
7. Failure to install and/or maintain an adequate groundwater monitoring system in violation of 6NYCRR §360.8 (§360-2.11);
8. Failure to install and/or maintain an adequate methane monitoring and/or control system at the site in violation of 6NYCRR §360.8 (§360-2.27);
9. Failure to develop and/or implement a closure plan in violation of 6NYCRR §360.8 (§360-2.15);
10. Failure to maintain adequate buffer in violation of 6NYCRR §360.8 (§360-2.13);
11. Failure to control access at the site in violation of 6NYCRR §360.8 (§360-1.14); and
12. Failure to maintain the required 1:3 slopes in violation of 6NYCRR §360.8 (§360-1.14 and -2.17);

WHEREAS, the Department has documented violations of Article 27 and 6NYCRR §360 by Respondent at a site located on Accabonac Highway, East Hampton, New York, by the operation of a solid waste management facility without permit; and

WHEREAS, some of the documented violations noted above have occurred on a periodic, rather than a continual basis; and

WHEREAS, Respondent, Town of East Hampton, being a responsible municipality, and desiring to undertake all necessary activities which may be required to protect and preserve the natural resources of the State, has cooperated with the Department in addressing the matters herein; and

WHEREAS, Respondent has affirmatively waived its right to a public hearing in this matter in the manner provided by law, and having consented to the entering and issuing of this Order, agrees to be bound by the terms and conditions contained herein.

NOW, having considered this matter and being duly advised, it is

ORDERED, that with respect to the aforesaid violations by Respondent, Town of East Hampton, there is hereby imposed upon Respondent, a penalty in the sum of Two Hundred Thousand ($200,000) Dollars, One Hundred and Twenty-Five Thousand ($125,000) Dollars of said sum to be immediately due and payable upon execution of this Order, and the remaining Seventy-Five Thousand ($75,000) Dollars, to be suspended, provided Respondent, Town of East Hampton strictly adheres to the terms and conditions of this Order and Schedules A, B, C, D, and E, the Compliance Schedules attached hereto and made a part hereof; and it is further

ORDERED, that One-Hundred and Twenty-Five Thousand ($125,000) Dollars of the penalty shall be paid, upon execution of this Order, in the following manner: Fifty Thousand ($50,000) Dollars to the Department and Seventy-Five Thousand ($75,000) Dollars for the creation of an environmental fund to be used for Department-approved environmental projects within the Town, including remediation/restoration and/or creation of wetlands areas, acquisition of real property for protection of the environment and educational programs on environmental issues; and it is further

ORDERED, that with respect to the $75,000 hereby imposed upon Respondent to be used for an environmental fund, it is to be held by the Town Treasurer in an interest-bearing escrow account, and is to be immediately placed in said account upon execution of this Order. All funds which have not been disbursed pursuant to an approved project prior to December 31, 1991, shall be paid into the General Fund of the State of New York; and it is further

ORDERED, that all proposed projects shall be submitted to the General Counsel c/o the Regional Attorney, Region One, New York State Department of Environmental Conservation, Building 40, S.U.N.Y., Stony Brook, New York, in triplicate and shall include a description of the project, time frames for implementation, expected project results and documentation supporting the costs associated with the project; and it is further

ORDERED, that funds shall be disbursed from the environmental fund created above only upon the written authorization of the General Counsel and that within five (5) days of receipt of written authorization from the General Counsel, the Respondent will forward to the General Counsel for his signature, a completed voucher for disbursement of the approved funds. Within thirty (30) days of receipt of the voucher signed by the General Counsel, the Respondent shall disburse those funds to the payee, with copy to the General Counsel, within 30 days; and it is further

ORDERED, that the General Counsel shall forward copies of all authorizations to the following:

Mr. Edward Reale, Town Attorney
Town of East Hampton
159 Pantigo Road
East Hampton, N. Y. 11937; and it is further

ORDERED, that no monies from the environmental fund shall be expended for any activities required under this Order or otherwise required by law; and it is further

ORDERED, that all environmental review and permit requirements applicable to any activities for which environmental fund monies are expended, must be complied with; and it is further

ORDERED, that any activities for which environmental fund monies are expended must primarily benefit the environment and the public, rather than the Department or the Respondent; and it is further

ORDERED, that all references to compliance with 6NYCRR §360 contained in Schedules A, B, C, D & E attached hereto and made a part hereof, including, but not limited to the requirements for and of closure plans, are hereby understood and agreed to mean 6NYCRR §360 as effective January 1, 1989; and it is further

ORDERED, that nothing contained herein shall prevent the Department from modifying this Consent Order to provide for the immediate cessation of operations at all sites which are the subject of this Order if said sites should be classified as Class 1 or Class 2 sites pursuant to the New York State List of Inactive Hazardous Waste Sites, §27-1313; and it is further

ORDERED, that Respondent hereby agrees to cease operations at the Montauk Landfill site on or before December 31, 1989, as set forth in Schedule B, regardless of status of plans and/or applications and/or preparations for a transfer station and/or recycling center at that site; and it is further

ORDERED, that Respondent hereby agrees to cease operations at the Springs-Fireplace Road Landfill site on or before December 18, 1990, as set forth in Schedule A, regardless of any modifications and/or changes to ECL §27-0704; provided however, that nothing contained herein shall prevent Respondent from applying for a modification of this Order, pursuant to the terms of this Order; and it is further

ORDERED, that the "execution of this Order" and "date of execution of this Order" as referred to herein, are agreed to be the date upon which the Regional Director executes this Order on behalf of the Commissioner and this Order shall not be effective until that date; and it is further

ORDERED, that the terms of this Order shall not be construed to prohibit the Commissioner or his duly-authorized representative from exercising any summary abatement powers, either at common law or as granted pursuant to statute or regulation; and it is further

ORDERED, that Respondent shall not suffer any penalty under any of the provisions, terms and conditions hereof, or be subject to any proceedings or actions for any remedy or relief, if they cannot comply with any requirements of the provisions hereof because of an Act of God, war, riot or other catastrophe as to which negligence or willful misconduct on the part of Respondent was not a proximate cause, provided however, that Respondent shall immediately notify the Department in writing when they obtain knowledge of any such condition and request an appropriate extension or modification of the provisions hereof; and it is further

ORDERED, that the failure of Respondent to strictly comply with any provision of this Order, and Schedules A, B, C, D and E, the Compliance Schedules attached hereto and made a part hereof, unless excused by Force majeure as discussed above, shall constitute a default and a failure to perform an obligation under this Order and under the ECL, such that the suspended penalty shall be immediately due and payable; and it is further

ORDERED, that in addition, Respondent hereby agrees to pay a stipulated penalty of Five Hundred ($500) Dollars per day per facility for each day of noncompliance with any provision of the Department-approved closure plans for the subject sites, and shall submit payment of said stipulated penalty(ies) within ten (10) days of written notification by the Department of the noncompliance and the penalty due; and it is further

ORDERED, that any written determination by the Department as to the approvability of any revised plan, report, etc., submitted by the Respondent pursuant to Schedules A, B, C, D and E shall be a final administrative determination subject to review pursuant to Article 78 of the CPLR; and it is further

ORDERED, that the Department shall notify the Respondent of its determination on all approvable plans required to be submitted pursuant to this Order, specifically Schedules A, B, C, D and E hereof, within thirty (30) days following submission thereof by the Respondent or the compliance schedules shall be extended to account for this delay upon request by the Respondent; and it is further

ORDERED, that nothing contained herein shall relieve Respondent from obtaining all necessary permits, approvals or authorizations in order to perform the obligations pursuant to this Order, except that it is understood that no permits from the Department are required for the continued operation of the Springs-Fireplace and Montauk Road landfills until the dates noted herein; and it is further

ORDERED, that this Order shall be deemed binding on Respondents, their successors and assigns and all persons, firms and corporations acting under or for them including, but not limited to those who may carry on any or all of the operations now being conducted by Respondents, whether at the present location or at any other in this State; and it is further

ORDERED, that in these instances in which the Respondents desire that any of the provisions, terms or conditions of this Order be changed, it shall make written application, setting forth the grounds for the relief sought, to the Commissioner, c/o Lori J. Riley, Regional Attorney, New York State Department of Environmental Conservation, Building 40, S.U.N.Y. Campus, Stony Brook, New York 11794; and it is further

ORDERED, that nothing contained herein shall be construed as preventing the Department from collecting regulatory fees where applicable; and it is further

ORDERED, that nothing contained herein shall be construed as preventing the Department or any other agency from requiring any other investigation and/or remediation of the site by Respondent, or, if such investigation and/or remediation is or has been performed by the Department or any other agency, from seeking reimbursement (costs plus interest and/or penalties),[including any investigation or remediation required pursuant to ECL §27-1313, CERCLA, SARA, et al]; and it is further

ORDERED, that any change in this Order shall not be made or become effective except as specifically set forth by written order of the Commissioner, after notice to the Respondent, such written order being made either upon written application of the Respondent or upon the Commissioner's own findings; and it is further

ORDERED, that any such written order by the Commissioner changing this Consent Order shall be a final administrative determination subject to review pursuant to Article 78 of the CPLR.

Dated: Stony Brook, New York
Sept 6 1989

THOMAS C. JORLING
Commissioner of Environmental Conservation

By Harold D. Berger
HAROLD D. BERGER
Regional Director

To: Town of East Hampton
Attn: Edward Reale, Esq.
159 Pantigo Road
East Hampton, New York 11937

CONSENT BY RESPONDENT

Respondent acknowledges the authority and jurisdiction of the Commissioner of Environmental Conservation of the State of New York to issue the foregoing Order, waives public hearing or other proceedings in this matter, accepts the terms and conditions set forth in the Order and consents to the issuance thereof.

TOWN OF EAST HAMPTON

By Tony Bullock

STATE OF NEW YORK)
ss.:
COUNTY OF SUFFOLK)

On the 1 day of Sept 1989, before me personally came to me known, who being duly sworn, deposed and said that he resides at East Hampton that he is the Supervisor of Respondent Town, and that he signed his name for and on behalf of said Town with full authority so to do.

ISABEL SULLIVAN
NOTARY PUBLIC, State of New York
Qualified in Suffolk County
Suffolk County Clerk's No. 01SU4635875
Term Expires March 30, 19 91

Isabel Sullivan
NOTARY PUBLIC

SCHEDULE A

Compliance Schedule
for

TOWN OF EAST HAMPTON
Springs-Fireplace Road Landfill
Facility ID #52S05

A. GENERAL OPERATIONAL REQUIREMENTS:

Immediately,	Respondent shall commence procedures to control blowing papers, clean up off-site papers and refuse, provide sufficient compaction of solid waste, provide adequate intermediate and final cover material, grade site to control surface runoff and prevent ponding, control odors, noise and vectors, and develop an operational plan specifying routine operational and safety procedures to be followed throughout the remaining life of the landfill.
Within 60 days from the execution of this Order,	Respondent shall submit to the Department for its approval, an approvable[1] operational plan,which includes a fill progression sequence, a site map indicating all landfill activities, and routine operational and safety procedures Upon approval, Respondent shall perform this plan as approved by the Department.

B. LEACHATE MONITORING AND CONTROL:

Immediately,	Respondent shall monitor levels in the leachate collection wells and pump out leachate from those wells on a weekly basis; analyze leachate chemistry semi-annually, and record leachate dispositon at an approved sewage treatment facility. Leachate levels, quantities pumped out and disposition of the leachate pumped shall be reported to the Department by Respondent on a quarterly basis and leachate analysis semi-annually.

[1]Approvable in the context of this Order, shall mean capable of approval by NYSDEC with minimal revision. Minimal revision shall mean that the Respondent can incorporate revisions required by NYSDEC and resubmit the document for approval within fifteen (15) business days of receipt of the NYSDEC's comments.

Compliance Schedule A for the Town of East Hampton (cont'd.)
Facility ID #52S05 - Springs-Fireplace Road Landfill

C. METHANE MONITORING AND CONTROL:

Within 45 days from the execution of this Order,	Respondent shall submit to the Department for its approval, an approvable work plan, as detailed in Schedule D, for investigating off-site methane migration. Upon approval, Respondent shall implement the Department-approved plan in accordance with a Department-approved implementation schedule.
Within 120 days from the execution of this Order,	Respondent shall commence installation of methane monitoring wells in accordance with the Department-approved plan and the attached Schedule D.
Within 270 days from the execution of this Order,	Respondent shall submit to the Department for its approval, an interpretation of methane monitoring data in accordance with Schedule D and an approvable plan for a proposed collection system (see item II, Schedule D).
Within 300 days from the execution of this Order,	The Department will have completed its review of methane collection plans. ✓
Within 360 days from the execution of this Order,	Respondent shall commence installation of methane collection/recovery well system in in accordance with Schedule D and the Department-approved plans.
Within 480 days from the execution of this Order,	Respondent shall complete installation of all methane collection wells in accordance with Schedule D and the Department-approved plans.

D. GROUNDWATER MONITORING:

Within 45 days from the execution of this Order,	Respondent shall submit to the Department, a report detailing existing background data on site hydrogeology. Said report will be prepared by a professional groundwater consulting firm.
Within 60 days from the execution of this Order,	Respondent shall submit to the Department, for its approval, an approvable hydrogeologic workplan for the installation of groundwater monitoring wells pursuant to and in compliance with the 6NYCRR Part 360. Upon approval, Respondent shall implement the Department-approved plan in accordance with a Department-approved implementation schedule.

Within 180 days from the execution of this Order,	Respondent shall commence installation of groundwater monitoring wells in accordance with the Department-approved plan.
Within 270 days from the execution of this Order,	Respondent shall submit the first quarterly report of groundwater analysis in accordance with the Department-approved workplan, and shall continue to submit such reports on a quarterly basis in accordance with the Department-approved workplan.

E. RECYCLING/COMPACTION:

Immediately,	Respondent shall take any and all steps necessary to maximize recycling and compaction of solid waste generated and disposed of by Respondent.
On or before December 31, 1989,	Respondent shall have submitted to the Department for its approval, an Order, approvable plan for the implementation of mandatory recycling within the Town of East Hampton, said plan to include a schedule of dates leading to implementation by May 31, 1990.
On or before June 1, 1990,	Respondent shall have enacted all local laws and/or ordinances necessary to implement approved plan and shall have implemented mandatory source separation recycling within the Town of East Hampton in accordance with the Department-approved plan.

F. CLOSURE REQUIREMENTS:

Within 360 days from the execution of this Order,	Respondent shall submit an approvable final closure plan to the Department for its approval. This closure plan shall be prepared in accordance with the "final closure and post closure plan outline" specified in the attached Schedule C. Upon approval by the Department, the Respondent shall complete said closure plan as approved and in accordance with the approved implementation schedule.

On or before December 18, 1990,	Respondent shall cease operation (i.e., any and all landfilling and/or solid waste disposal activities at this site.
Within 180 days from execution of this Order,	Respondent shall submit to the Department, a solid waste management plan detailing the Town's strategy for managing the Town's solid waste stream after December 18, 1990. Said plan will be prepared in consultation with a professional consulting firm with waste management expertise.

G. ALTERNATE MEANS OF DISPOSAL:

Within 120 days from execution of this Order,	Respondent shall submit to the Department, an approvable plan for off-Island and/or out-of-Town trucking of the Town's solid waste after December 18, 1990. Said plan shall include: a.) A complete[2] conceptual design Order, including site selection and construction and implementation schedule, for a proposed temporary transfer station in the event that trucking should become necessary; b.) A discussion on any other disposal methods to be used in conjunction with trucking and complete bid documents for a.), and for a long-haul contract; and c.) A complete Part 360 application for an interim and permanent transfer station.
On or before July 1, 1990,	Respondent shall have submitted: a) Complete bid documents for construction of a transfer station and for a long-haul contract; b) A complete Part 360 application for an interim and permanent station; and c) an implementation schedule for implementation by December 19, 1990, if necessary.

[2]Complete in the context of this Order shall mean containing all necessary information as required by the Department.

SCHEDULE B

Compliance Schedule
for

TOWN OF EAST HAMPTON
Montauk Landfill
Facility ID #52S04

A. GENERAL OPERATIONAL REQUIREMENTS:

Immediately,	Respondent shall commence procedures to control blowing papers, clean up off-site papers and refuse, provide sufficient compaction of solid waste, provide adequate intermediate and final cover material, grade site to control surface runoff and prevent ponding, control odors, noise, vectors and birds and follow operational safety procedures throughout the remaining life of the landfill.

B. METHANE MONITORING AND CONTROL:

Within 45 days from the execution of this Order,	Respondent shall submit to the Department, an approvable work plan as detailed in Schedule D, for investigating off-site methane migration. Upon approval, Respondent shall implement the Department-approved plan in accordance with a Department-approved implementation schedule.
Within 120 days from the execution of this Order,	Respondent shall commence installation of methane monitoring well in accord- with the Department-approved plan and in the attached Schedule D.
Within 270 days from the execution of this Order,	Respondent shall submit to the Department ment for its approval, an interpretation of methane monitoring data in accordance with Schedule D, and an approvable plan for a proposed collection system (Item II of Schedule D).
Within 300 days from the execution of this Order,	The Department will have completed its review of methane collection plans.
Within 360 days from the execution of this Order,	Respondent shall commence installation of the methane collection recovery well system in accordance with Schedule D and the Department-approved plans.

Within 480 days from the execution of this Order,	Respondent shall complete installation of all methane collection wells in accordance with Schedule D and the Department-approved plans.

C. GROUNDWATER MONITORING:

Within 45 days from the execution of this Order,	Respondent shall submit to the Department, a report detailing existing background data on site hydrogeology. Said report will be prepared by a professional groundwater consulting firm.
Within 60 days from the execution of this Order,	Respondent shall submit to the Department for its approval, an approvable hydrogeologic workplan for the installation of groundwater monitoring wells pursuant to and in compliance with 6NYCRR Part 360. Upon approval, Respondent shall implement the Department-approved plan in accordance with a Department-approved implementation schedule.

D. CLOSURE REQUIREMENTS:

On or before December 31, 1989,	Respondent shall cease operations (i.e., any and all landfilling and/or solid waste disposal activities) at this site.
Within 180 days from the execution of this Order,	Respondent shall submit an approvable final closure plan to the Department for its approval. This closure plan shall be prepared in accordance with the "Final Closure and Post Closure Plan Outline" specified in the attached Schedule C. Upon approval by the Department, the Respondent shall complete said closure plan as approved and in accordance with the approved implementation schedule.

SCHEDULE C

Compliance Schedule
for

TOWN OF EAST HAMPTON

FINAL CLOSURE AND POST-CLOSURE PLAN OUTLINE
Pursuant to 6NYCRR Part 360

Final Closure

A. Final cap and capping schedule.
B. Grading.
C. Establishment of vegetative cover.
D. Estimate of final closure costs.
E. Implementation Schedule.

Post-Closure

A. Groundwater Monitoring

1. Number, location and depth of wells to be monitored during post-closure.
2. Frequency of monitoring of these wells.
3. Analyses required during post-closure.
4. Statistical and chemical analysis of data and determination if contamination has occurred.
5. Contingency monitoring plan, allowing for modifications in accordance with evolving hydrogeological interpretations at this site, such as those resulting from a RI/FS.

B. Surface Water Monitoring - as "A" above, for surface water sampling locations.

C. Maintenance Activities.

1. Facility Inspections
   a. List all structures and facilities to be inspected.
   b. Frequency of inspections for each.
   c. Specify person or firm to conduct inspections.

2. Cover and Cap Maintenance
   a. Cover and cap maintenance activities and schedule.
   b. Reseeding and mulching schedule.
   c. Soil replacement.
   d. pH level maintained for optimum vegetative cover.
   e. Incremental settlement assessment.
   f. Method of determination of cap effectiveness during post closure.

3. Erosion Control
   a. Maintenance Program
   b. Activities required to repair erosion
   c. Replacement cover
   d. Vegetative cover replacement if lost during drought condition.

4. Maintenance of Groundwater Monitoring System

5. Maintenance of Surface Water Collection System

6. Planned Responses to Possible Occurrences of:
   a. Loss of containment integrity, including surface water collection system.
   b. Severe storm erosion.
   c. Groundwater intrusion, including excess leachate generation.
   d. Contamination of the surface waters.
   e. Outline of remedial action plan to address water contamination and cleanup.

Activities Required During Post-Closure Period:

1. Gas Control

   a. Monitoring Requirements.
      1. Location of detection wells on site.
      2. Observation and inspection of gas vents and/or monitoring wells.
      3. Frequency of observation.

   b. Maintenance of Venting System.
      1. Frequency of observation.
      2. Regular maintenance schedule.

2. Security and Public Access Practices Planned for Post-Closure Period.

   a. Description of security system.
   b. Maintenance schedule.
   c. Part 364 Manifest records review.
   d. Report of disposition of unusual occurrences (especially accidental input of restricted wastes).

Reporting -- Annual report of the post-closure activities should be sent to the Department summarizing the key issues discussed above.

SCHEDULE D

Compliance Schedule
for

TOWN OF EAST HAMPTON

I. Methane Monitoring Plan & Action Shall Address the Following:

A. Installation of monitoring wells.

1. Proposed locations/spacing
2. Well construction specifications.

a. Plan for utilizing borings data to characterize site geology for determination of slot/screen placement.

3. Sampling Procedures.

a. Measurement frequencies.
b. Barometric pressure records.
c. Instrumentation to be used/calibration frequency.

B. Evaluation of monitoring well data

1. Interpretation and recommendations for methane collections or energy recovery.
2. Review period by NYSDEC.

II. Implementation of Methane Collections/Recovery Well Installatior and Facilities Shall Address the Following Contingencies:

1. Fire.
2. Mechanical Damage.

SCHEDULE E

Compliance Schedule
for

TOWN OF EAST HAMPTON
(Site located at Accabonac Highway)

Immediately,	Respondent shall control access to the site. Respondent shall cease acceptance of any and all materials at the site.
Within 30 days from the execution of this Order,	Respondent shall have submitted to the Department for its approval, an approvable plan for implementation of site safety and security and removal of woodchips and debris in the southeast and northwest portions and any other piles of woodchips/debris, regrading of site, spreading of woodchips/debris material on top of site, and hydroseeding and/or planting of the site. Said plan shall also contain an implementation schedule. Upon approval by the Department, Respondent shall perform all tasks in accordance with the Department-approved plan and implementation schedule.

ATTACHMENT 4

MUNICIPAL LANDFILL CLOSURE PROJECT WORK PLAN
MUNICIPAL LANDFILL CLOSURE PROJECT REIMBURSEMENT APPLICATION

State Assistance Municipal Landfill Closure Program
(6 NYCRR Subpart 360-9, effective September 1, 1990)

MUNICIPAL LANDFILL CLOSURE
PROJECT WORK PLAN

FACILITY NAME Springs-Fireplace Road Landfill

EXTENT OF WASTE DEPOSIT (ACRES) 45

FACILITY ID# 52S05

FACILITY LOCATION Springs-Fireplace Road, East Hampton, NY

COUNTY Suffolk

FACILITY OWNER Town of East Hampton

FACILITY OPERATOR David Paolelli, Superintendent of Sanitation

CONTACT PERSON David Paolelli

ADDRESS 159 Pantigo Road, East Hampton, NY, 11937

PHONE NO: (516) 324-7191

STAGE	BEGIN DATE	END DATE	COST
Perform Closure Investigation	9/1/89 P/(A)	3/91 (P)/A	$651,285 (1) (E)/A
Prepare Closure Investigation Report	3/91 (P)/A	4/91 (P)/A	$30,000 (E)/A
Prepare Closure Plan	10/90 (P)/A	6/91 (P)/A	$125,000 (E)/A
Perform Vector Remediation, if required	6/91 (P)/A	7/91 (P)/A	$40,000 (2) (E)/A
Construct Leachate Collection System, if required N/A	N/A P/A	N/A P/A	N/A (2) (E)/A
Construct Gas Venting Layer and Gas Collection/Control System	5/91 P/(A)	9/6/91 (P)/A	$4,900,000 (2) (E)/A

MUNICIPAL LANDFILL CLOSURE
PROJECT WORK PLAN (cont'd)

STAGE	BEGIN DATE	END DATE	COST
Construct Barrier Layer	8/91 (P)/A	1/92 (P)/A	$2,600,000 (2) (E)/A
Construct Barrier Protection Layer	10/91 (P)/A	2/92 (P)/A	$690,000 (2) (E)/A
Construct Topsoil Layer	11/91 (P)/A	3/92 (P)/A	$690,000 (2) (E)/A
Establish Vegetative Cover	12/91 (P)/A	4/92 (P)/A	$400,000 (2) (E)/A
Prepare Construction Certification Report	8/91 (P)/A	5/92 (P)/A	$500,000 (2) (E)/A

Notes: P = Prospective
A = Actual
E = Estimated

(1) Includes cost estimate for properties acquisition (8,750 $/Ac)
(2) Based on 16 acre putresible mounded closure (30 liner acre)

State Assistance Municipal Landfill Closure Program
(6 NYCRR Subpart 360-9, effective September 1, 1990)

MUNICIPAL LANDFILL CLOSURE PROJECT
REIMBURSEMENT APPLICATION

FACILITY NAME Springs-Fireplace Road Landfill

FACILITY ID# 52S05

FACILITY LOCATION Springs-Fireplace Road, East Hampton, NY

COUNTY Suffolk

FACILITY OWNER Town of East Hampton

FACILITY OPERATOR David Paolelli, Superintendent of Sanitation

CONTACT PERSON David Paolelli

ADDRESS 159 Pantigo Road, East Hampton, NY, 11937

PHONE NO: (516) 324-7191

AMOUNT OF REIMBURSEMENT SOUGHT $194,716.31

Below is a list of costs for which we are applying for reimbursement, the specific work which is included in each cost, and the begin and end dates of each task. The costs listed below are the cost to this municipality, not the portion to be reimbursed.

Also included with this form is documentation for all costs concerned that have been paid and that the work has been satisfactorily completed.

COST	BEGIN DATE OF WORK	END DATE OF WORK	WORK INVOLVED (DESCRIBE)
$5,291.41	December 1988	December 1989	Services include coordination with Dept. of Environmental Conservation Dept. for compliance with part 360 on the above landfill. Design, drafting, research, etc. including the preparation of consent order.
$41,957.17	January 1990	April 1990	Survey field control for topographic mapping, coordination with Geomaps. Meeting with NYSDEC and Town officials, prep. of operations report. Survey field control for topographic mapping, CADD coordination with Geomaps. Meeting with E&A Envir. Conditions in Stoughton, Massachusetts. Coordination with NYSDEC and FP&M regarding consent order. Meetings with NYSDEC, Town Board. Coordination with E&A and FP&M. Preliminary design of interim recycling area. Engineering report for continued operation of landfill. Survey control for methane wells. NYSDEC meeting RE: Draft operation plan responses, mining permit. Meeting and coordination with Town Board and FP&M RE: Methane well location, development of plans showing closure limits and property ownership overlay.
$24,419.75	March 1990	April 2, 1990	Methane well drilling

COST	BEGIN DATE OF WORK	END DATE OF WORK	WORK INVOLVED (DESCRIBE)
$6,865.00	April 2, 1990	May 1, 1990	Methane well drilling
$21,523.00	May 1, 1990	May 29, 1990	Methane well drilling
$716.49	May 30, 1990	July 1990	Progress payment for coordination with Dept. of Environmental Conservation for compliance with Part 360 on the above landfill. Design, drafting, research, etc., including the preparation of consent order. Services for May through July, 1990.
$6,811.77	May 1990	July 1990	Progress payment for May through July, 1990 consists of conference meeting with Town on Consent Order and review of Swamp plan.
$5,596.68	May 1990	July 1990	Survey control for methane wells, leachate manholes and groundwater wells including horizontal location by coordinates and vertical control location in NOAA datum. Also included are services in connection with preparation of preliminary acquisition maps.
$19,626.14	March 1990	April 1990	Application and report for continuation of landfill after December 1990.
$1071.00	Oct. 2, 1989	Oct. 29, 1989	Technical review of Hydrogeologic Work Plan for Springs/Fireplace Landfill as per NYSDEC Consent Order. Discussions with NYSDEC regarding the Hydrogeologic Work Plan and submittal of methane monitoring plan. Contacts with Town of East Hampton regarding leachate sampling and methane monitoring plans.
$11,072.26	Oct. 30, 1989	Decem. 3, 1989	Preparation of Methane Monitoring Plan. Tech. review and revision of Methane Monitoring Plan (MMP). Delivered MMP to NYSDEC. Meeting with NYSDEC and East Hampton on 11/15/89 regarding compliance schedule. Preparation of Hydrogeologic Report on existing groundwater monitoring data. Technical review and revision of Hydrogeologic Report. Delivered Hydrogeologic Report to NYSDEC. Preparation of request for bids for drilling services. Miscellaneous contacts with Dave Paollelli on landfill operation.
$6673.29	Feb. 5, 1990	March 4, 1990	Set up fit test for level C prot. gear for drilling. Analysis of Phase II Invest., requirements for Geohydrologic Invest. Inc. Phase II requirements into 360 requirements (revisions to Geohydrologic Work Plan). Analysis of leachate well lab data. Prep. of Leachate Sampling and Monitoring Plan. Inc. Septage Lagoon sampling results into Geohydrologic Work Plan. Obtained historical aerial photographs of landfill. Analysis of historical activity from aerial photos and determined extent of landfill activity (limits). Proj. status updates with McLean Assoc. and landfill supervisor. Tech. discussions with R&L well drillers regarding drilling requirements and schedules. Inc. all requirements and research findings into revised Hydrogeologic Work Plan.
$18,275.71	March 5, 1990	April 1, 1990	Meetings and discussions with R&L to prepare for drilling. Supervised the drilling and installation of eight methane wells. Prepared field reports. Maintained records of geologic logs from drilling. Performed sieve analysis on soil samples. Investigated property owners along perimeter of landfill (contacts and meetings with McLean Associates). Finalized Geo. Invest./Phase II Workplan and submitted to Town for comment. Contacts and proj. coordination with Town of East Hampton Landfill Supervisor, McLean Assoc., NYSDEC, Town of East Hampton attorney, R&L Well Drillers.

COST	BEGIN DATE OF WORK	END DATE OF WORK	WORK INVOLVED (DESCRIBE)
$13,730.60	April 2, 1990	April 29, 1990	Correspondence with the NYSDEC. Preparation of leachate monitoring (semi-annual/quarterly) report.
$18,104.13	April 30, 1990	June 3, 1990	Monitoring well exhaust requirements as related to an air blower. Methane alarm specification review for on-site facility safety as per work plan. Preparation of leachate monitoring/sampling report. Correspondence with Town Attorney regarding property owners on surrounding properties of landfill. Supervised the installation of methane monitoring wells. Documentation of field activities and preparation of field reports. Logged wells and prepared graphic logs. Project management (scheduling, contractor's bill review). Contracts with DEC regarding project status and modifications to work plan. Continued drilling methane wells.
$11,616.19	June 4, 1990	July 1, 1990	Revision to Hydrogeologic/ Phase II Work Plan. Preparation of Leachate Monitoring Report. Bi-weekly methane monitoring. Tabularization of data and interpretation. Preparation of Methane Monitoring Report. Set up survey of methane well points. Meeting with well drillers to discuss scheduling and field procedures for hydrogeologic investigation.
$16,980.20	July 2, 1990	July 29, 1990	Contracts with NYSDEC regarding Hydrogeologic/ Phase Work Plan. Revision to Work Plan and submittal to DEC. Preparation of Leachate monitoring and Sampling report and submittal to client and DEC. Set up and sampled leachate collection well (semi-annual). Preparation of sample and delivered to lab for analysis. Documentation of all field activity. Bi-weekly Methane monitoring (documentation and data analysis). Surficial geologic mapping of site. Interpretation of soil boring data and geologic mapping. Invest. of drilling muds for drilling deep wells on site. Tech. discussion of drilling muds with DEC & drillers. Prep. of letter to DEC requesting drilling muds approval.
$17190.06	July 30, 1990	Sept. 2, 1990	Continued methane monitoring (bi-weekly). Prep. of methane monitoring report. Analysis of methane migration off-site. Performed investigation for off-site methane migration (private residence and nursery). Contacts with NYSDEC for scheduling groundwater monitoring well install. Proj. Mgmt. (i.e., contacts with counsel, DEC & contractors). Field reports of site visits and inspection of existing buildings. Corres. with methane monitoring manuf. Conceptual design of monitoring system. Prepare cost estimates. Summarize technical review in a Conceptual Eng. Report. Finalize Engineering Report.
$22,918.16	Sept. 3, 1990	Sept. 30, 1990	Appl. for use of submersible pump for well purging with NYSDEC. Appl. for disposal for drill cuttings on landfill with NYSDEC. Analysis of drillers change order for mud drilling. Cost analysis for gw storage from well devel. & purging. Invest. of aquifer testing and design for proj. implementation. Bi-weekly and quarterly methane monitoring. Invest. of off-site methane migration. Documentation of methane monitoring. Notification of methane monitoring results given to Town and NYSDEC. Analysis and interp. of leachate collec. well sampling results. Prep. of lechate collection well monitoring report. Prep. of methane monitoring report. Set up sampling of septage lagoons with lab & NYSDEC.

COST	BEGIN DATE OF WORK	END DATE OF WORK	WORK INVOLVED (DESCRIBE)
$42,054.52	Oct. 1, 1990	Nov. 4, 1990	Scheduled meeting with drillers to arrange well drilling. Set up geophysical logging co. to log wells. Finalized leachate sampling report and sent out to NYSDEC. Obtained samples of water and sludge from 2 septage lagoons. Analysis of lab. results from septage lagoon sampling. Methane monitoring (bi-weekly) and analysis of data. Interpretation of methane monitoring results and prep. of methane report. Update on project status and projected costs. Meeting with Town for project status briefing on 10/22/90. Researched EQBA funding for 360 closure and Title 3 work. Site visit to located proposed groundwater monitoring well locations. Field supervision of well drilling, installation, development and geophysical logging for D-4, D-2 and D-1.
$37,173.50	October 1990	Nov. 6, 1990	Groundwater monitoring well drilling
$39,765.58	Nov. 6, 1990	Dec. 3, 1990	Groundwater monitoring well drilling

SUMMARY TABLE
(FP&M, DRILLERS (R & L) & LABORATORY)

Billed to Date (October 89 - November 1990)	
Springs-Fireplace Road	$344,040.06
Montauk	108,405
Total	$452,455.06
Anticipated Expenditures to Complete the Project	
Springs-Fireplace Road	$104,619.94
Montauk	265,430
Total	$370,049.94

TABLE A
ESTIMATED PAST AND PROJECTED
COST SUMMARY FOR SPRINGS-FIREPLACE ROAD LANDFILL
HYDROGEOLOGIC/PHASE II INVESTIGATION AND METHANE MONITORING

Project	FP&M (1)	Drillers	Laboratory	Surveyor	Geophysical Logging	Estimated Date of Completion
A. Springs-Fireplace Road Landfill						
1a. Hydrogeologic/Phase II Investigation-Billed from October 19889 to November 1990 Work Completed: - Hydrogeologic Report for Springs-Fireplace, November, 1989 - Contract documents and specifications for groundwater and methane monitoring well drilling at Springs-Fireplace Road Landfill and Montauk Landfill, 1989 - Town of East Hampton Landfill Leachate Sampling plan for Springs-Fireplace Road Landfill, January, 1990 - Hydrogeologic Investigation Work Plan for Springs-Fireplace Road Landfill, March, 1989 - Hydrogeologic/Phase II investigation Work Plan for the Springs-Fireplace Road Landfill for Compliance with the 6NYCRR Part 360, Section 2.15 and NYSDEC Chapter 857, April, 1990 - Hydrogeologic/Phase II Investigation Work Plan for the Springs-Fireplace Road Landfill, revised July, 1990 - Addendum (letter) to Hydrogeologic/Phase II Investigation Work Plan for the Springs-Fireplace Road Landfill, July 25, 1990 - Correspondance, meetings, and management of project - Leachate sampling and monitoring	$52,190.06 (paid)	77,000	$8,000 (paid)	20,000	—	Completed
1b. Hydrogeologic/Phase II Investigation-Anticipated Billing During and After November 1990 Work Presentlyis Being Executed: - Leachate Collection Well Monitoring and Sampling - Surficial Geologic Mapping - Sample Septage Lagoons - Survey of Well Users in Area - Drill, Install and Develop Deep Wells (& Geophysical Logging) - Drill, Install & Develop Shallow Wells - Survey Wells, Water Level, Measurements, GW Contours, X-Sections - Sample Wells and Analysis - Aquifer Tests and Analysis - Analysis of Results, HRS. Environmental Monitoring Plan - Preparation of Report, Revisions & Submittal	$92,919.94	—	$27,000	—	$2,000	April 1991
2a. Methane Monitoring and Report-Billed from October 1989 to November 1990 Work Completed: - Methane monitoring Plan for Springs-Fireplace Road Landfill, January, 1990 - Revisions to Monitoring Plan - Correspondance, Meetings and Management of Project - Supervised methane well drilling and installation of all methane wells - Monitored methane wells bi-weekly and quarterly - Preparation of Methane Monitoring Report	$116,850 (paid)	$50,000 (paid)	—	$20,000	—	Completed
2b. Methane Monitoring and Report-Anticipated Billing During and After November 1990 Work Presently Being Executed: - Continuation of Methane monitoring - Engineering Evaluation and Feasibility of Collection/ Recovery System - Preparation of Methane Report	$7,000	—	—	—	—	February 1991

(1) This estimate includes expenses

TABLE B
ESTIMATED PAST AND PROJECTED COST SUMMARY FOR MONTAUK LANDFILL
HYDROGEOLOGIC INVESTIGATION AND METHANE MONITORING

Project	FP&M[1]	Drillers	Laboratory	Surveyor	Geophysical Logging	Estimated Date of Completion
B. Montauk Landfill						
1a. Hydrogeologic Investigation Work Plan for Montauk Landfill - Billed from October 1989 to November 1990	$17,300 (Paid)	—	—	—	—	June 1991
Work completed: - Hydrogeologic Investigation Work Plan for Montauk Landfill Site No. 152073, November, 1989 - Hydrogeologic Investigation Work Plan for Montauk Landfill Site No. 152073, revised August, 1990 - Meetings, correspondence, and project management - Preparation of contract bid documents						
1b. Hydrogeologic Investigation Work Plan for Montauk Landfill - Anticipated Billing During and After November 1990	$87,430	$80,000	$17,000	Mclean Associates $10,000	$2,000	June 1991
Work Presently Being Executed: - Surficial geologic mapping - Preliminary hydrogeologic investigation - Drill, install and develop wells (geophysical logging) - Drill, install and develop shallow wells - Survey wells water level measurements, groundwater contours and X-sections - Sample wells and analysis - Aquifer tests and analysis - Analysis of results, HRS, env. monitoring plan - Preparation of report revisions and submittal						
2a. Methane Monitoring and Report - Billed from October 1989 to November 1990	$50,250 (Paid)	$33,000 (Paid)	—	7,855	—	Completed
Work Completed: - Methane Monitoring Plan for Montauk Landfill, January, 1990 - Revisions to plan - Meetings, correspondence and project management - Preparation of bid documents - Supervised methane monitoring well drilling and installation - Documentation and interpretation of geology						
2b. Methane Monitoring and Report - Anticipated Billing During and After November 1990	$39,000	$25,000	—	$5,000	—	May 1991
Work Presently Being Executed: - Supervise drilling and installation of methane wells - Monitor methane bi-weekly and quarterly - Prepare engineering feasibility study for collection/ recovery - Prepare methane monitoring report						

(1) This estimate includes expenses.

ATTACHMENT 5

LANDFILL CLOSURE STATE ASSISTANCE APPLICATION RESOLUTION

Resolution No. 1087

December 21, 1990

The following resolution was offered by Supervisor Bullock, seconded by Councilwoman C. Lester, and adopted:

[RESOLUTION AUTHORIZING SUBMISSION OF APPLICATION FOR STATE ASSISTANCE FOR LANDFILL CLOSURE PURSUANT TO TITLE 5 OF ARTICLE 54 OF N.Y.S.E.C.L.]

WHEREAS, Title 5 of Article 54 of the Environmental Conservation Law authorized State assistance payments to municipalities for closure of municipal landfills by means of a written agreement and the municipality deems it to be in the public interest and benefit under this law to apply therewith; and

WHEREAS, the Town of East Hampton has hereby determined that certain work, as described in the State assistance application and any amendments thereof, is desirable and in the public interest; now, therefore, be it

RESOLVED, that the Town Board of the Town of East Hampton hereby authorizes and directs the firm of Fanning Phillips and Molnar as the Town's official representative to act in connection with any application between the Town of East Hampton and the State, and to provide such additional information as may be required; and, be it further

RESOLVED, that the Town Clerk is hereby directed to send certified copies of this resolution to: the Director, Division of Solid Waste, New York State Department of Environmental Conservation, 50 Wolf Road, Albany, N.Y. 12233-4010; and to Kevin Phillips, Fanning Phillips and Molnar, 909 Marconi Avenue, Ronkonkoma, N.Y. 11779.

STATE OF NEW YORK
Suffolk County
Office of the Clerk of the
TOWN OF . EAST. HAMPTON . . .
} ss:

(SEAL)

This is to certify that I, Frederick W. Yardley, Town Clerk of the Town of East Hampton in the said County of Suffolk, have compared the foregoing copy of Resolution #1087 with the original now on file in this office, and that the same is a correct and true transcript of such original resolution and the whole thereof.

In Witness Whereof, I have hereunto set my hand and affixed the seal of said Town this 26th day of December 19 90

Frederick W Yardley

Town Clerk of the Town of East Hampton, Suffolk County, N. Y.

OPRA-to file
cc: KP
MK

ATTACHMENTS 6 & 7

STATEMENT THAT THE LANDFILL CLOSURE SITE IS NOT CURRENTLY CLASSIFICATION 1 OR CLASSIFICATION 2 ACCORDING TO THE REGISTRY

STATEMENT THAT A COMPLETE RECLASSIFICATION INVESTIGATION WILL BE SUBMITTED TO THE DEPARTMENT

TOWN OF EAST HAMPTON

159 Pantigo Road
East Hampton, N.Y. 11937

TONY BULLOCK
SUPERVISOR

516-324-4140
FAX: 516-324-2789

December 18, 1990

Director
Division of Solid Waste
NYSDEC
50 Wolf Road
Albany, NY 12233-4010

Attn: Landfill Closure Assistance Program

Re: Statement Regarding Items 6 & 7 -
Landfill Classification and Reclassification

Dear Sir:

As of December 12, 1990, the Springs-Fireplace Landfill was classified as 2a in accordance with the State DEC classification system for inactive hazardous sites. A complete reclassification investigation report will be submitted to the DEC the early part of the 2nd quarter of 1991.

Sincerely,

Tony Bullock

TONY BULLOCK
Supervisor

TB/jh

ATTACHMENT 8

AFFIRMATIVE ACTION

Resolution No. 1102
December 27, 1990

The following resolution was introduced by Spvr. T. Bullock, seconded by Councilwoman J. Edwards, and adopted:

WHEREAS, the Town Board pursuant to Resolution No. 315, dated March 16, 1990, adopted an Equal Employment Opportunity Policy Statement, Affirmative Action Policies Procedures, and Guidelines for Affirmative Action Proceedings; and,

WHEREAS, the Town Board desires to adopt a policy statement concerning contracts for work in which State or Federal funds are applied; now, therefore, be it

RESOLVED, that the Town Board hereby adopts the attached Affirmative Action Policy regarding State or Federally funded contracts; and, be it

FURTHER RESOLVED, that the Town Clerk is hereby directed to maintain a supply of the aforementioned documents, to be available for distribution to all employees and members of the public requesting a copy of the same.

405

April 20, 1990

The following resolution was offered by Supervisor Bullock, seconded by Councilwoman J. Edwards and adopted:

RESOLVED, that John Murray is hereby authorized to act as Affirmative Action Officer in his capacity as Assistant to the Supervisor, on a part-time basis, to be paid $20.00 per hour on bi-weekly payroll from budget item #A1220.1200.

315

Resolution No.
Dated: March 16, 1990

[Adopt Affirmative Action Policy & Procedures]

The following resolution was offered by Councilwoman J. Edwards seconded by Councilman Ruhle, and adopted:

WHEREAS, it is the Town Board's desire to officially express its policy of non-discrimination in the recruitment, hiring, training and promotion of town employees, now, therefore, be it

RESOLVED, that the Town Board hereby adopts the attached Policy Statement, Policies and Procedures, and Guidelines for Affirmative Action Proceedings, and be it further

RESOLVED, that the Town Clerk is hereby directed to maintain a supply of copies of the aforementioned documents, to be available for distribution to all employees and members of the public requesting a copy of the same.

TOWN OF EAST HAMPTON
EQUAL EMPLOYMENT OPPORTUNITY POLICY STATEMENT

It is the policy of the Town of East Hampton to take affirmative action to recruit, hire, train and promote persons in all job titles without regard to race, color, religion, sex, age, national origin, disability, handicap, veteran status or sexual orientation.

Employment and promotion decisions will be based on merit and the principle of furthering equal employment opportunity. The requirements we impose in filling a position will be only those that validly relate to the job performance required.

All other personnel actions, including compensation, benefits, transfers, layoffs, recall from layoffs, training, education, tuition assistance and recreation programs, will be administered without regard to an individual's membership in any of the protected classes listed above.

Included in this policy is the recognition that sexual harrassment in the workplace is a form of job discrimination that is a violation of State and Federal Law, creates an unhealthy environment and places an undue burden upon the emotional and physical well-being of an individual. Therefore, it is the policy of the Town of East Hampton that sexual harrassment in the workplace, whether verbal, physical, written or implied, will not be tolerated in offices, vehicles or any other place during working hours or off-duty hours, if it threatens the working conditions of any employee.

The Town's affirmative action policy will also include efforts to:

A. Ensure that the Town will maintain a working environment free of harrassment, intimidation and coercion at all sites and in all facilities at which the Town's employees are assigned to work. The Town shall specifically ensure that all supervisory personnel are aware of and carry out the Town's obligation to maintain such a working environment with specific attention to minorities and women working at such sites or in such facilities.

B. Establish and maintain a current list of recruitment sources for minorities and women, provide written notification to these sources when the Town has employment opportunities available, and maintain a record of each organization's response.

C. Maintain a current file of the names, addresses and telephone numbers of each off-street application from minorities or women, and of the action taken with respect to each individual.

D. Review at least annually the Town's affirmative action

policy and obligations with all employees having any responsibility for hiring, assignment, layoff, termination or other employment decisions. A written record shall be made and maintained by identifying the time and place of these meetings, persons attending, subject matter discussed, and disposition of the subject matter.

E. Direct the Town's recruitment efforts, both oral and written, to community organizations representing the interests of minorities and/or women, to schools with minority students, and to recruitment and training organizations serving the Town's recruitment area and employment needs

F. Encourage present minority and women employees to recruit others similarly situated and, where reasonable, provide afterschool, summer and vacation employment to minority and women students.

G. Validate all tests and other selection requirements.

H. Conduct, at least annually, an inventory and evaluation of all minority and women personnel for promotional opportunities and encourage these employees to seek or to prepare for such opportunities.

I. Ensure that seniority practices, job classifications, work assignments, and other personnel practices do not have a discriminatory effect by continually monitoring all personnel and employment-related activities to ensure that the Town's affirmative action policy and obligations are being carried out.

J. Conduct a review, at least annually, of all supervisory personnel's adherence to and performance pursuant to this policy.

K. Inform contractors and subcontractors of their obligations relating to the Town's goals of minority employment.

The foregoing policy requirements will also be incorporated in all East Hampton Town contracts for work in which State or Federal funds are applied and any contractors for such work shall incorporate these policy requirements in all subcontracts for such work.

AFFIRMATIVE ACTION POLICIES AND PROCEDURES

Reporting to the East Hampton Town Supervisor, the Affirmative Action Officer will be responsible for developing and administering policies, procedures and programs on Equal Employment Opportunity and Affirmative Action and insuring that such programs are in compliance with all Federal ,state and local laws.

The Office will be responsible for the preparation of an annual Affirmative Action Plan for the Town. It will also be responsible for evaluating each Town Department to insure that we meet federal and state regulations as well as Town guidelines. It will also evaluate all employment functions,such as recruitment, salary administration and termination,to insure consistent and equitable application of its policies. It will also provide assistance and counsel to Town departments in the following areas:

- legal compliance with the annual Affirmative Action Plan;

- preparation of minority and female hiring goals as well as labor force availability data;

- reporting of information to governmental agencies and responding to EEO-related surveys,including certificates of compliance;

- procedures for corrective action, discipline and discharge of employees to insure these processes are non-discriminatory and well documented;

- handling of employee complaints of discrimination and harrassment. (Complaints which eventually result in the filing of formal charges will be transferred to the Town Attorney's office for handling);

- classification of jobs into EEO-4 categories;

- Oversight of compliance with Town Affirmative Action policy by contractors and subcontractors for work in which State or Federal funds are applied.

...S FOR AFFIRMATIVE ACTION PROCEEDINGS

...own of East Hampton is an Equal Opportunity employer. Pursuant to the ...olicy Statement issued by the Town Supervisor, "it is the policy of the Town ...f East Hampton to recruit, hire, train and promote persons in all job classifications without regard to race, color, religion, sex, age, national origin, disability, handicap, veterans status or sexual orientation.

Accordingly, all employment and promotion decisions are to be based on merit of performance and the principle of furthering equal employment opportunity. Only job requirements validly related to job performance are to be utilized in filling a position. Furthermore, it is the stated policy of the Town of East Hampton that "all compensation, benefit policies, social and recreation programs will be administered without regard to race, color, religion, sex, age, national origin, disability, handicap, veterans status or sexual orientation."

In order to implement these policies, and in furtherance of our equal opportunity objectives, the Town has implemented an Affirmative Action Program. Nevertheless, both employees and job applicants can be expected, from time to time, to file charges or legal actions before federal and state administrative agencies or in court, alleging discrimination by the Town or one of its departments.

The Town Attorney's office will be responsible for responding to all such discrimination claims and conducting the Town's defense to such legal actions and administrative charges. The Town Attorney's office will also provide assistance and counsel with respect to all legal aspects of fair employment and equal opportunity complaints as well as providing advice regarding the legal effect of actions and practices impacting the employment of protected classes.

The Town Board must approve the discharge or suspension from employment of a member of any protected class (members of racial minorities, females, persons over 40 years of age, etc.).

Town atty
C. Allen

Fld

TOWN OF EAST HAMPTON

159 Pantigo Road
East Hampton, New York 11937

John Murray
Affirmative Action Officer

(516) 324-4140
Fax: 324-2709

M E M O R A N D U M

TO: All Department Heads
PBA/CSEA Representatives
Elected Officials

FROM: John Murray, Affirmative Action Officer JM

RE: Affirmative Action Policy Concerning Government Funded Contracts

As an addendum to the East Hampton Affirmative Action Policy adopted in April of this year, attached for your information is a policy statement concerning contracts for work in which state or federal funds are applied.

Enclosure as noted

JM/jh

Town of East Hampton
Affirmative Action Policy Re: State or Federally Funded Contracts

I. The requirements of the East Hampton Town Affirmative Action Policy shall be incorporated in all contracts for work in which State or Federal funds are applied, and any contractors for such work shall incorporate these requirements in all subcontracts for such work.

II. Contractors (the term "contractors" shall be deemed to include subcontractors) shall make every effort to achieve the goals set forth in the Affirmative Action Policy of the Town of East Hampton. If a Contractor fails to do so, the Contractor must demonstrate its affirmative action efforts, and such efforts must exhibit at least the following:

A. Ensure and maintain a working environment free of harassment, intimidation and coercion at all sites and in all facilities at which the Contractor's employees are assigned to work under the Program. The Contractor shall specifically ensure that all foremen, superintendents and other onsite supervisory personnel are aware of and carry out the Contractor's obligation to maintain such a working environment with specific attention to minorities and women working at such sites or in such facilities.

B. Establish and maintain a current list of recruitment sources for minorities and women, provide written notification to these sources when the Contractor or its union has employment opportunities available, and maintain a record of each organization's response.

C. Maintain a current file of the names, addresses and telephone numbers of each off-the-street application from minorities and women, and referrals from a union or a recruitment source for minorities or women and of the action taken with respect to each individual.

D. Disseminate the Contractor's nondiscrimination policy relating to the Project by providing notice of it to unions and training programs and requesting their cooperation in assisting the Contractor in meeting its equal employment opportunity obligations by including it in such company publications as refer to the project, by including it in any advertising including but not limited to any notices of available jobs, and by informing other contractors and subcontractors of it.

E. Review at least annually the Contractor's nondiscrimination policy and affirmative action obligations under this agreement with all employees having any responsibility for hiring, assignment, layoff, termination or other employment decisions, including specific review of these items with onsite supervisory personnel such as superintendents and general foremen before the initiation of construction work at any job site. A written record shall be made and maintained by identifying the time and place of these meetings, persons attending, subject matter discussed and disposition of the subject matter.

F. Direct its recruitment efforts, both oral and written, to community organizations representing the interests of minorities and/or women, to schools with minority students, and to recruitment and training organizations serving the Contractor's recruitment area and employment needs for this project. Not later than one month prior to the date for acceptance of applications for apprenticeship or other training by any recruitment source, the Contractor shall sent written notification to organizations such as the above, describing the openings, screening procedures and tests to be used in the selection process.

G. Encourage present minority and women employees to recruit others similarly situated and, where reasonable, provide afterschool, summer and vacation employment to minority and women students both on the site and in other areas of the Contractor's work force.

H. Validate all tests and other selection requirements.

I. Conduct, at least annually, an inventory and evaluation of all minority and women personnel for promotional opportunities under this Project and encourage these employees to seek or to prepare for such opportunities through appropriate apprenticeship training.

J. Ensure that seniority practices, job classifications, work assignments and other personnel practices do not have a discriminatory effect, by continually monitoring all personnel and employment-related activities to ensure that the nondiscrimination policy and the Contractor's obligations under this agreement are being carried out.

K. Conduct a review, at least annually, of all supervisors' adherence to and performance pursuant to this agreement.

L. Inform subcontractors of their obligations relating to the goals of minority employment and training.

III. The Contractor shall maintain written documentation of its activities as set forth in the foregoing paragraphs, for a period until one year after completion of the project, in such form as will enable the Town to verify compliance therewith, and which documentation shall be available during business hours, to the Town or its representatives.

9/24/90
JWM

ATTACHMENT 9

STATEMENT THAT THE LANDFILL CLOSURE PROJECT AREA WILL NOT HAVE A LANDFILL CONSTRUCTED ON IT

TOWN OF EAST HAMPTON

159 Pantigo Road
East Hampton, N.Y. 11937

TONY BULLOCK
SUPERVISOR

516-324-4140
FAX: 516-324-2789

December 18, 1990

Director
Division of Solid Waste
NYSDEC
50 Wolf Road
Albany, NY 12233-4010

Attn: Landfill Closure Assistance Program

Re: New Landfill on Top of Old -
Landfill Closure Project Area

Dear Sir:

No new landfill will be constructed over the active part of the existing landfills once it is closed.

Sincerely,

Tony Bullock

TONY BULLOCK
Supervisor

TB/jh

ATTACHMENT 10

STATEMENT THAT POST-CLOSURE MONITORING AND MAINTENANCE WILL BE IMPLEMENTED ACCORDING TO REGULATIONS

TOWN OF EAST HAMPTON

159 Pantigo Road
East Hampton, N.Y. 11937

TONY BULLOCK
SUPERVISOR

516-324-4140
FAX: 516-324-2789

December 18, 1990

Director
Division of Solid Waste
NYSDEC
50 Wolf Road
Albany, NY 12233-4010

Attn: Landfill Closure Assistance Program

Re: Post-Closure O&M - Statement
Regarding Item 10 - Post-Closure Monitoring

Dear Sir:

Post-closure operation and maintenance and monitoring will be implemented according to regulations.

Sincerely,

Tony Bullock

TONY BULLOCK
Supervisor

TB/jh

ATTACHMENT 11

MUNICIPAL LANDFILL CLOSURE PROJECT RANKING SYSTEM SCORE

State Assistance Municipal Landfill Closure Program
(6 NYCRR Subpart 360-9, effective September 1, 1990)

MUNICIPAL LANDFILL CLOSURE PROJECT
RANKING SYSTEM WORKSHEET

FOR APPLICANT TO COMPLETE:

FACILITY NAME Springs-Fireplace Road Landfill

FACILITY ID# 52S05

FACILITY LOCATION Springs-Fireplace Road, East Hampton, NY

COUNTY Suffolk

FACILITY OWNER Town of East Hampton

FACILITY OPERATOR David Paolelli, Superintendent of Sanitation

CONTACT PERSON David Paolelli

ADDRESS 159 Pantigo Road, East Hampton, NY, 11937

PHONE NO: (516) 324-7191

TOTAL SCORE 95

Score determined by Kevin J. Phillips Date 12/27/90.

(Signature)

Name Kevin J. Phillips, P.E., Ph.D.

(typed or neatly printed in black ink)

Title Principal, Fanning, Phillips and Molnar

(typed or neatly printed in black ink)

FOR STATE USE ONLY:

Score checked by _____ Date _____

Name _____

(typed or neatly printed in black ink)

Score approved by _____ Date _____

Name _____

(typed or neatly printed in black ink)

For each numbered section, select the choice which is worth the most points from those which are true for this landfill closure site. Enter the points in the blank.

(1) Aquifer

i) if a sole source aquifer is located within one mile of the landfill's waste boundary, 30 points; or

ii) if a primary water supply is located within one mile of the landfill's waste boundary, 25 points; or

iii) if a principal aquifer is located within one mile of the landfill's waste boundary, 20 points.

1. AQUIFER SCORE 30

(2) Surface Waters:

i) if the nearest classified surface water is within 100 feet of the landfill's waste boundary, 10 points; or

ii) if the nearest classified surface water is within 250 feet of the landfill's waste boundary, 8 points; or

iii) if the nearest classified surface water is within 500 feet of the landfill's waste boundary, 5 points; or

iv) if the nearest classified surface water is within 1,000 feet of the landfill's waste boundary, 2 points.

2. SURFACE WATERS SCORE 0

(3) Wetlands:

If any surface water body within 1,000 feet of the landfill's waste boundary is designated a wetland under the provisions of Article 24 or 25 of the ECL, 10 points.

3. WETLANDS SCORE 0

(4) Gas Migration:

If methane from the landfill is confirmed to be migrating off-site, 15 points.

4. GAS MIGRATION SCORE 15

(5) Leachate:

If the leachate from the landfill is confirmed to be migrating off-site, 15 points.

5. LEACHATE SCORE 15

(6) Groundwater or Surface Water Contamination:

i) if the landfill has an adverse or imminent impact on a water well or surface water body used for consumption by one or more persons and exceeds standards in 6 NYCRR Parts 700-705, Water Quality Regulations, 20 points; or

ii) if water contamination from the landfill exceeds standards in 6 NYCRR Parts 700-705, Water Quality Regulations, 10 points.

6. GROUNDWATER OR SURFACE WATER CONTAMINATION SCORE 10 (based on existing data from groundwater quality sampling)

(7) Population

Population of the municipality which is applying for the state assistance must be based on the most recent Census of Population (New York), U.S. Department of Commerce, Bureau of Census:

i) if the population is less than 2,000, 25 points; or

ii) if the population is less than 5,000, 20 points; or

iii) if the population is less than 10,000, 15 points; or

iv) if the population is less than 50,000, 10 points; or

v) if the population is less than 100,000, 5 points.

7. POPULATION SCORE 10

(8) Cost vs. Population (based on the most recent "Census of Population [New York]", U.S. Department of Commerce, Bureau of Census) if the ratio of eligible costs to population of the municipality is:

i) greater than 250, 25 points; or

ii) greater than 100, 20 points; or

iii) greater than 50, 10 points; or

iv) greater than 10, 5 points.

8. COST VS. POPULATION SCORE 25

Total the eight scores for the numbered sections and enter the result as the TOTAL SCORE on the first page of this worksheet.