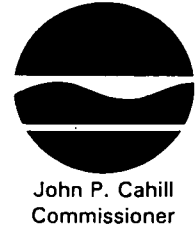


File VOLNEY LAND FILL

New York State Department of Environmental Conservation
Division of Environmental Remediation
Bureau of Eastern Remedial Action, Room 242
50 Wolf Road, Albany, New York 12233-7010
Phone: (518) 457-4349 FAX: (518) 457-4198



October 18, 1998

Mr. Joel Singerman
USEPA
Western New York/Caribbean Remedial Action Section
290 Broadway
New York, N. Y. 10007-1866
Dear Mr Singerman,

Subject: EPA's Document Deliveries

Sometime ago I had e-mailed you requesting that you deliver all copies of the documents for the State to this office, because it was not clear to me that all participating State offices were receiving their copies. My request was ignored and the EPA's deliveries to separate State offices continued.

The Federal Projects Section has received:

- 1) two copies of "Western Wetland Site, Treatability Testing, Final Report" by Kiber Environmental Services. August 1999.
- 2) two copies of "Volney Landfill, Remedial Design Report, Final Design" by Barton & Loguidice, P. C. September 1999.
- 3) six copies of " Final Design Report For The Wetland Portion Of Operable Unit No. 2 At The York Oil Superfund Site" by Parsons Engineering Science, Inc. September 1999.

It is confusing that in Items 1 & 2 above that you sent two copies each, and for item 3, six copies. If you are continuing to deliver copies to each State office, why two copies in 1 & 2, and six in 3? If you are delivering all copies to the FPS, why 2 each in 1 & 2. I will hold all copies in this office until you clarify matter.

Sincerely

Marsden Chen
Marsden Chen

cc: S. Ervolina

File on eDOCs _____ Yes _____ No
Site Name _____
Site No. _____
County _____
Town _____
Foilable _____ Yes _____
File Name _____
Scanned & eDOC _____

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Website: www.dec.state.ny.us



February 23, 2000

Mr. Jack O'Dell
US Environmental Protection Agency
Western NY/Caribbean Remedial Section I
290 Broadway
New York, NY 10070-1866

FILE COPY

Dear Mr. O'Dell:

Re: Volney Landfill Site Id No. 738003
95% Remedial Design Report

I am writing in regard to the above referenced document and the subsequent Final Remedial Design Report. The NYSDEC has not yet approved the Final Remedial Design Report for the Volney Landfill and will require that concerns previously submitted by NYSDEC are addressed. The NYSDEC was very specific in it's comments in August 1999 concerning the 95% Design Report which were not fully addressed in the Final Design Report (September 1999).

1) bottom of page 15 to top of page 16.

The text states that the results of gas venting is presented in Appendix B, yet it does not appear to be present therein. Please add this information along with the referenced Air Guide 1 analysis to the next version of this report. Also, please better explain why it is believed that active landfill gas vents are not necessary and why it appears they have been included in the design.

2) This document contains a request for a variance from 6 NYCRR 360-2.13(p)(1) which would allow the elimination of the gas venting layer in consideration for the addition of three additional gas vents per acre as presented in the *Local Government Regulatory Relief Initiative* document of 1993. This guidance was intended to apply to small, rural, solid waste landfills. The Volney landfill site is of considerable size and contains hazardous substances which caused it to be placed on the National Priorities List and the New York State Registry of Inactive Hazardous Waste sites and it thus does not meet the criteria set out in the 1993 document. Additionally, a variance must be based on specific site conditions with respect to potential and actual gas generation (field hood type tests and or other testing) and the need for the gas venting layer itself. This information is not readily ascertainable from the document. The added vents per acre also present a continued additional maintenance issue. Thus, as presented, a variance from the relevant sections of Part 360 is not appropriate in this circumstance.

I have also attached comments from NYSDEC's Bureau of Construction Services dated August 1999. One could conclude that the USEPA has deliberately ignored the requirements of the State's regulations; NYSDEC is forced to reject the design in it's present condition. Please call with any questions at 518-457-3976.

Sincerely,

Heather Bishop
Federal Projects Section

Attachment



cc: A. Carlson, NYSDOH (w attachment)
S. Ervolina (w attachment)
M. Chen/File (w attachment)
R. Koelling, BCS (w attachment)
G. Harris, BCS (w attachment)
R. Phaneuf, Solid Waste (w attachment)
P. Carella, DFW (w/o attachment)
H. Bishop (w/o attachment)



New York State Department of Environmental Conservation

MEMORANDUM

TO: Victor Cardona, Federal Projects Section, Bureau of Eastern Remedial Section
FROM: *CML* Craig Lapinski, Western Field Services Section, Bureau of Construction Services
SUBJECT: Volney Landfill, Site No. 7-38-003, Oswego County

DATE:

AUG 13 1999

The Bureau of Construction Services has reviewed the Final Design Report (dated July 1999) for the above referenced site and offers the following comments:

- 1) Does the existing cap have a thick enough membrane, a thick enough barrier layer and meet all the requirements of NYCRR Part 360? Furthermore, a detail must be provided which shows how the existing cap and new cap will be joined.
- 2) Using three gas vents per acre instead of one gas vent in combination with a gas venting layer may lower the capital cost of the project. However, long term effects may outweigh the lower capital cost. For instance, increasing the number of vents will increase the amount of vent maintenance and make mowing the vegetative cover more difficult. Also, if a gas venting layer or a trenching system is used, the number of active gas vents could be reduced causing future electrical costs to be less. Have all options been cost out in a present worth analysis?
- 3) Sheet G-7 shows that a partial active vent system will collect and burn gas from the landfill. Has the Division of Air been contacted to see if a permit is required?
- 4) The schedule should be updated to show when draft and final bid specifications will be submitted.
- 5) Since the county is doing a portion of the work, it must be clear that they will not be funding their costs through our title 3 program or Force Account work.

If you have any questions, please call me at 7-9280.

RECEIVED

AUG 13 1999

Bureau of Construction Services

File on eDOCs _____ Yes _____ No
Site Name _____
Site No. _____
County _____
Town _____
Foitable _____ Yes _____ No
File Name _____
Scanned & eDOC _____

New York State Department of Environmental Conservation
Division of Environmental Remediation
Bureau of Eastern Remedial Action, Room 242
50 Wolf Road, Albany, New York 12233-7010
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Website: www.dec.state.ny.us



February 23, 2000

Mr. Jack O'Dell
US Environmental Protection Agency
Western NY/Caribbean Remedial Section I
290 Broadway
New York, NY 10070-1866

Dear Mr. O'Dell:

Re: Volney Landfill Site Id No. 738003
95% Remedial Design Report

I am writing in regard to the above referenced document and the subsequent Final Remedial Design Report. The NYSDEC has not yet approved the Final Remedial Design Report for the Volney Landfill and will require that concerns previously submitted by NYSDEC are addressed. The NYSDEC was very specific in it's comments in August 1999 concerning the 95% Design Report which were not fully addressed in the Final Design Report (September 1999).

1) bottom of page 15 to top of page 16.

The text states that the results of gas venting is presented in Appendix B, yet it does not appear to be present therein. Please add this information along with the referenced Air Guide 1 analysis to the next version of this report. Also, please better explain why it is believed that active landfill gas vents are not necessary and why it appears they have been included in the design.

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I have also attached comments from NYSDEC's Bureau of Construction Services dated August 1999. One could conclude that the USEPA has deliberately ignored the requirements of the State's regulations; NYSDEC is forced to reject the design in it's present condition. Please call with any questions at 518-457-3976.

Sincerely,

Heather Bishop
Federal Projects Section

Attachment



cc: A. Carlson, NYSDOH (w attachment)
S. Ervolina (w attachment)
M. Chen/File (w attachment)
R. Koelling, BCS (w attachment)
G. Harris, BCS (w attachment)
R. Phaneuf, Solid Waste (w attachment)
P. Carella, DFW (w/o attachment)
H. Bishop (w/o attachment)



New York State Department of Environmental Conservation

MEMORANDUM

TO: Victor Cardona, Federal Projects Section, Bureau of Eastern Remedial Section
 FROM: *CML* Craig Lapinski, Western Field Services Section, Bureau of Construction Services
 SUBJECT: Volney Landfill, Site No. 7-38-003, Oswego County

DATE:

AUG 13 1999

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- 1) Does the existing cap have a thick enough membrane, a thick enough barrier layer and meet all the requirements of NYCRR Part 360? Furthermore, a detail must be provided which shows how the existing cap and new cap will be joined.
- 2) Using three gas vents per acre instead of one gas vent in combination with a gas venting layer may lower the capital cost of the project. However, long term effects may outweigh the lower capital cost. For instance, increasing the number of vents will increase the amount of vent maintenance and make mowing the vegetative cover more difficult. Also, if a gas venting layer or a trenching system is used, the number of active gas vents could be reduced causing future electrical costs to be less. Have all options been cost out in a present worth analysis?
- 3) Sheet G-7 shows that a partial active vent system will collect and burn gas from the landfill. Has the Division of Air been contacted to see if a permit is required?
- 4) The schedule should be updated to show when draft and final bid specifications will be submitted.
- 5) Since the county is doing a portion of the work, it must be clear that they will not be funding their costs through our title 3 program or Force Account work.

If you have any questions, please call me at 7-9280.

RECEIVED

AUG 13 1999

Bureau of Construction Services

File on eDOCs _____ Yes _____ No
Site Name _____
Site No. _____
County _____
Town _____
Foitable _____ Yes _____ No
File Name _____
Scanned & eDOC _____

New York State Department of Environmental Conservation
Division of Environmental Remediation
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50 Wolf Road, Albany, New York 12233-7010
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Website: www.dec.state.ny.us



February 24, 2000

Mr. Bruce N. Clark, Esq.
Oswego County Attorney
Office of the County Attorney
Legislative Office Building
46 East Bridge Street
Oswego, NY 13126-2137

Dear Mr. Clark:

RE: Volney Landfill Site, ID No. 738003

I am writing in regard to the Volney Landfill Superfund Site located in Oswego County, New York. Please be advised that the NYSDEC rejected the Final Remedial Design Report prepared by Barton & Loguidice, P.C. for the Volney Landfill and will require resolution of issues previously raised by NYSDEC to the USEPA with regard to this document. The NYSDEC advanced specific concerns to the US Environmental Protection Agency in August 1999 regarding the 95% Remedial Design Report which were not satisfactorily addressed in the Final Remedial Design Report (September 1999).

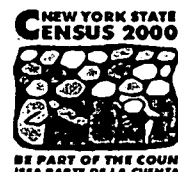
Specifically, the ninety-five percent design document contains a request for a variance from Title 6 NYCRR Part 360-2.13(p)(1) which would allow the elimination of the gas venting layer in consideration of the addition of three additional gas vents per acre, as presented in the *Local Government Regulatory Relief Initiative* document of 1993. The request for variance from the relevant sections of 6NYCRR Part 360 was not approved by NYSDEC and the USEPA was notified in writing on August 17, 1999.

The NYSDEC will require that this issue, as well as several construction related items, are satisfied prior to NYSDEC approval of the Volney Landfill Final Remedial Design Report. Please note that the NYSDEC may not finance construction of an unsatisfactory remedy and this could adversely affect Oswego County's application for Title 3 reimbursement of costs under the 1986 Bond Act. I would suggest that you not proceed with construction of the cap until the issue is resolved.

Please contact me at 518-457-3976 with any questions you may have.

Sincerely,

Marsden Chen
Federal Projects Section



cc: A. Carlson, NYSDOH
S. Ervolina
A. Quatararo, Assistant Counsel, NYSDEC
J. O'Dell, USEPA Region II
R. Koelling, BCS
G. Harris, BCS
R. Phaneuf, Solid Waste
P. Carella, DFW
M. Chen/File
H. Bishop

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File on eDOCs _____ Yes _____ No
Site Name _____
Site No. _____
County _____
Town _____
Foitable _____ Yes _____ No
File Name _____
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New York State Department of Environmental Conservation
Division of Environmental Remediation
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Website: www.dec.state.ny.us



April 17, 2000

Mr. Bruce N. Clark
Oswego County
Office of the County Attorney
Legislative Office Building
46 East Bridge Street
Oswego, NY 13126-2137

Dear Mr. Clark:

Re: Volney Landfill Site Id No. 738003
95% Remedial Design Report

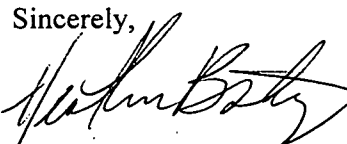
I am writing in regard to the above referenced document and the subsequent Final Remedial Design Report. Representatives of Barton & Loguidice, P.C. (B&L), Oswego County and NYSDEC held telephone conference calls on April 11th and April 14th to discuss outstanding issues related to the existing design, as approved by the U.S. Environmental Protection Agency, of the Volney Landfill Gas Control System. From the points discussed during these conference calls, the NYSDEC is requesting additional information (which B&L will provide) in consideration of a potential gas emission problem.

- Based upon the discussion and descriptions provided by B&L during the initial conference call, the NYSDEC now has the requisite information to allow the construction of the current Landfill Gas Control System, as described in the Volney Landfill Remedial Design Report Final Design, dated September, 1999, calling for the installation of four vents per acre with one vent in four installed deep into the waste mass at this site. However, the NYSDEC has significant concerns with the emission of gaseous chlorinated organic compounds from the landfill and will require sampling of landfill gases from the wells to be installed. Sixteen (35%) of the forty-four deep wells and thirty three (25%) of the shallow wells must be sampled on a random distribution of samples analyzed with EPA method TO-14 to provide site specific data. Should the sampling data and subsequent modeling forecast unacceptable concentrations of contaminant gases at off-site receptors, NYSDEC will require treatment of vented gases, whether through an active gas collection and treatment system, or flaring (supported by information that the constituents of concern will be reduced to acceptable concentrations or dissociated to benign products), or any other treatment system B&L may consider effective and economically feasible.
- During construction of the remedy, in the interests of worker safety and potential off-site receptors, NYSDEC requires gaseous sampling to ensure that they will not be impacted by unacceptable levels of contaminant concentrations. A significant portion of total landfill gas will be allowed to migrate off site based upon the landfill gas collection system design; therefore, in addition to the deep and shallow well sampling, an ambient air monitoring plan must be developed to sample locations along the perimeter of the landfill at a minimum, depending upon initial sampling results. Samples should be located between the landfill and the trailer park, nearby residences, and public thoroughfares. Additionally, please note that the NYSDEC may require a modification to the gas collection design dependent on the results of the gas sampling and potential migration data.



- The design and workplans for the items required in the two bullets above should be submitted to the NYSDEC for review and approval.
- The landfill gas collection system cited on pg. 15 of the Final Design document (Drawing G-2) was never included in the submission. This drawing needs to be submitted to the NYSDEC.

Please call me at 518-457-3976 with any questions.

Sincerely,

Heather Bishop
Federal Projects Section

cc: J. O'Dell, USEPA
A. Carlson, NYSDOH
S. Ervolina
M. Chen/File
G. Harris, BCS
R. Phaneuf, Solid Waste

File on eDOCs _____ Yes _____ No
Site Name _____
Site No. _____
County _____
Town _____
Foitable _____ Yes _____ No
File Name _____
Scanned & eDOC _____

M. Chen

New York State Department of Environmental Conservation

Division of Environmental Remediation

Bureau of Construction Services, Room 267

50 Wolf Road, Albany, New York 12233-7010

Phone: (518) 457-9280 • FAX: (518) 457-7743

Website: www.dec.state.ny.us



John P. Cahill
Commissioner

APR 19 2000

Mr. Jack O'Dell
United States Environmental
Protection Agency, Region II
290 Broadway
New York, New York 10007-1866

Dear Mr. O'Dell:

RE: Site No. 7-38-003
Volney Landfill
Oswego County

We have reviewed the Remedial Action/Work Plan, as well as, the drawings (supplied under separate cover) and have the following comments:

1. Page 3. Since the Department is funding 75 percent (75%) of the municipalities share, we must be involved in the approval of any modifications.
2. Page 3. Please have the contractor submit a revised schedule. This one shows work occurring in January 2000, but the work still hasn't been completed.
3. Page 4. We don't believe the Operation and Maintenance Plan (O&M) should be considered final. During construction there may be changes (different pumps, change in gas generation, etc.) which will need to be incorporated.
4. Section 2.5. The equipment which is used to install gas vents and to excavate leachate saturated soils will need to be decontaminated.
5. Page 5. No "figure 1" was included with our copy of the plan.
6. Permitting Requirements. This should state "...shall be performed in accordance with the requirements of all applicable federal, State and local laws and regulations."



7. Construction Operations. Any topsoil that has been impacted by leachate should not be stockpiled for reuse. Instead it should be treated as waste. Also change granular layer to sand layer.
8. While the DEC will not have a full-time presence on site, space in the USEPA trailer should be reserved for our inspector.
9. Page A-1. Change observation to inspection. Title 3 requires full-time inspection in order for the municipality to receive reimbursement.
10. Health and Safety Plan (HASP). Please have the contractor submit their HASP. Additionally, any subcontractor must submit theirs for review.
11. Page B-21. Attachment 1 was not included.
12. Page D-4. No resume's were included. Also DEC representatives will be attending progress meetings.
13. Page D-7. Granular material, as defined by the specifications included in the design report, is not acceptable for covering a liner. This would cause damage to the liner.

Drawings

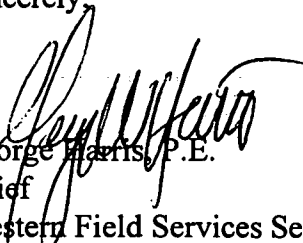
14. The depth of each of the "deep" vents must be supplied to the contractor.
15. The sheet showing the panel layout should be deleted. This is the contractor's responsibility.

If you have any questions, please call Jim Drumm at 518-457-7878.

JD:mm

bcc: H. Bishop
M. Chen ✓
C. Branagh, Region 7
G. Harris
J. Drumm
Dayfile
a:odell.417.wpd

Sincerely,


George Harris, P.E.
Chief
Western Field Services Section
Bureau of Construction Services
Division of Environmental Remediation

cc: A. Barber, B&L
D. Geraghty, NYSDOH

File on eDOCs _____ Yes _____ No
Site Name _____
Site No. _____
County _____
Town _____
Foifable _____ Yes _____ No
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Scanned & eDOC _____

M. Chen

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MAY 01 2000

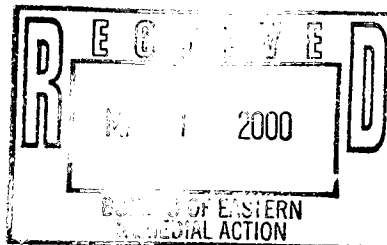
Mr. Bruce N. Clark
County Attorney
County of Oswego
Office of the County Attorney
Legislative Office Building
46 East Bridge Street
Oswego, New York 13126-2137

Dear Mr. Clark:

RE: Site No. 7-38-003
Volney Landfill
Oswego County

We have reviewed the Contract Documents and Specifications for the Volney Landfill Site and have the following comments.

1. Copies of all the documents should be made available at the document repository.
2. The advertisement should include the Minority and Women's Business Enterprise (M/WBE) goals of 6% and 6% as well as the Equal Employment Opportunity Goals of 10% and 10%.
3. Section 00020. Contract 1A lists a geonet. Since no geonet will be used, we assure this should be geotextile not geonet. See 9/30 00100.
4. The advertisement for bids must be run in a statewide paper, a local paper and a minority paper. Mr. Vicente Alfonso (518-457-0749) can assist you in the selection of the minority paper.
5. Section 00100.06 is confusing. Shouldn't this state that "Bids which do not contain a price for every numbered item contained in the bid form for that contract will not be accepted."
6. Section 00100.07. Telegraphic or facsimile communication will not be acceptable. All bids must be received in a sealed envelope.



7. Section 00100.10. A mandatory prebid must be included in the specs. Only attendees can bid on the work.
8. Section 00100.15. The contract must be awarded to the lowest responsive, responsible bidder.
9. Section 00160.01. Since there are no decontamination facilities on site and no approved Health and Safety Plan, it will not be acceptable to allow holders of contract documents to make test borings, test pits, soundings, etc.
10. Section 00100.07. Change 01019.01 so that the prebid is mandatory and is the only time site visitors will be allowed in the exclusion zone.
11. Section 00160.11. Shouldn't dust control be the responsibility of the county? They're the ones doing the earth moving. Additionally, dust control must be in accordance with TAGM 4031 (enclosed).
12. Section 00160.15. Waste disposal from drilling activities. The contractor should be allowed to bury the material on site. This will lower the overall cost of remediation.
13. 00160.18. Contracts should be awarded to the lowest responsive, responsible bidder.
14. Contract 1B bid sheet. The gas vents should not be bid lump sum. The specifications for drilling the gas vents state "The contractor will be paid for abandonment of abandoned hole and for well installation at a new hole." This is a reasonable provision and can only be incorporated into a unit price bid.
15. Section 00570. The contract documents should contain a hierarchy which will determine which part of the contract documents have priority over others. An example is enclosed.
16. Section 00751.. Title 3 requires the municipalities engineer to supply full time inspection. As such all references to observation should be removed.
17. Section 00752.03. We believe the insurance requirements are too high for the contracts. Additionally, the state and county should be listed as additionally insured on the contractors pollution liability insurance policy. See also Part G Umbrella Liability Insurance.

18. Section 01340.07. The contractor should be made aware that no "or equals" or substitution will be evaluated during the bid period.
19. Section 01568. This is the counties responsibility. This Section should be removed. See also 01577, 01580, 01590, and 03300.
20. Section 02233, 3.2.1. This is the responsibility of the County. Please remove.
21. Section 02436; 3.2.1.1. Leakage tests will not be necessary for gas vent pipes.
22. Section 02444. This specification does not include any gates. We recommend a few "man gates" be included to facilitate O&M.
23. Section 02595, 3.1.1.1. We have been informed by several liner manufacturers that they will only transfer the warranty on their liners if the largest stones on the subgrade are 3/8 of an inch or less. As such the 1" maximum will not be acceptable.
24. Section 02598; 3.1.6.1. This should state that select fill will be placed on the liner. See also 02595;3.6.1.
25. Section 02598, 4.2.2. General municipal law allows a maximum retainage of 5% when the contractor has submitted payment and performance bonds.
26. Section 02677; 3.2. This should refer to Section 02436.

In addition to addressing the deficiencies listed here, we still need a copy of the contract between Oswego County and Barton and Loguidice. The contract must be in the form of a cost plus fixed fee and include the hours, broken down by NSPE grade, salary rates, other direct costs and financial statements.

If you have any questions, please call Jim Drumm at 518-457-7878.


JD:mm

bcc: M. Chen ✓
H. Bishop
C. Branagh, Region 7
J. May, Region 7
G. Harris
J. Drumm
Dayfile

a:Clark.427

cc: J. O'Dell, USEPA
A. Barber, B&L
D. Geraghty, NYSDOH

Sincerely,


George Harris, P.E.
Chief, Western Field Services Section
Bureau of Construction Services
Division of Environmental Remediation

File on eDOCs to Yes _____ No _____
Site Name Volney
Site No. 738003
County Osage
Town Volney
Foitable X Yes _____ No _____
File Name 1989-10-18. Progress Reports
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