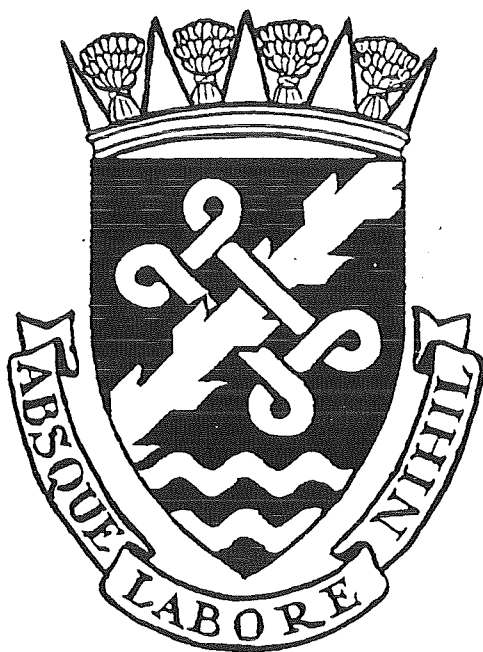


THE REGIONAL MUNICIPALITY OF HALTON



Solid Waste Management Committee

Agenda

OCTOBER 14, 1986

THE REGIONAL MUNICIPALITY OF HALTON

MEETING NO. 18 - 86

NAME OF SUB-COMMITTEE: SOLID WASTE MANAGEMENT

DATE OF MEETING: Tuesday, October 14, 1986
9:30 p.m.

PLACE OF MEETING: Committee Room No. 2
Public Works Building
South Service Road
Oakville, Ontario

A G E N D A

ITEM NO.

PAGE NOS.

DISCLOSURES OF CONFLICT OF INTEREST

DELEGATIONS

DAY-TO-DAY

- | | | |
|----|---|---------|
| 1. | C.A.O. Report No. 274/86 re: Receiving comments from Halton's Advisory Committees, specifically E.E.A.C. and H.A.A.C. in respect to their review of certain of the Halton Landfill Technical Study Reports. | 1 - 10 |
| 2. | C.A.O. Report No. 267/86 re: 8th Ontario Conference on Waste Management - Ontario Chapter of the Governmental Refuse Collection and Disposal Association. | 11 - 14 |
| 3. | C.A.O. Report No. 266/86 re: The Second International Conference - Energy from Waste, Washington D.C., U.S.A. be received for information. | 15 - 17 |
| 4. | C.A.O. Report No. 268/86 re: Halton Landfill Technical Reports Applications under the Environmental Protection Act, the Conservation Authorities Act, and the Ontario Water Resources Act, for a Waste Disposal Site (Landfill) at Site F in Burlington and Site D in Milton. | 18 - 23 |
| 5. | <u>Other Business</u> | |
| | <u>Adjournment</u> | |

* * * * *

THE REGIONAL MUNICIPALITY OF HALTON

Report to The Chairman and Members of the Solid Waste
Management Committee

From John E. Fleming, Chief Administrative Officer

Date 1986 10 08

Report No CAO 274/86

Re: Receiving comments from Halton's Advisory
Committees, specifically E.E.A.C. and H.A.A.C in
respect to their review of certain of the Halton
Landfill Technical Study Reports.

RECOMMENDATIONS:

THAT any comments from E.E.A.C., and
H.A.A.C. in respect to those
committees' review of the Halton
Region Landfill Technical Study
Report be received for information.

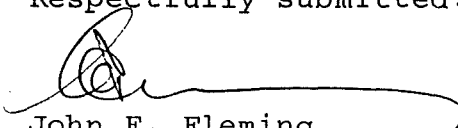
REPORT

Pursuant to Report PW 295/86, certain of the Halton Region
Landfill Technical Study Reports were referred to E.E.A.C.,
and H.A.A.C. for their review and comment. Specifically,
the After Use Report for Site D was referred to H.A.A.C.,
and the After Use and Biophysical Reports for both sites
were referred to E.E.A.C.

These reports were scheduled to be considered by these
advisory committees on October 7 and October 8, 1986.
At the time this report was prepared, H.A.A.C.'s comments
were received and attached as Appendix "A". It is
anticipated that E.E.A.C.'s comments, if any, should be
available in written form for review by Committee at the
Committee meeting.

Thus the above recommendation is made.

Respectfully submitted.


John E. Fleming,
Chief Administrative Officer

JEF/sdr/sn

APPENDIX "A"

REGIONAL MUNICIPALITY OF HALTON

INTEROFFICE MEMORANDUM

To: S. Rogers, Environmental Appeals Coordinator

From: K. Kielt, HAAC Recording Secretary Date: 86 10 10

=====

Re: HAAC Comments on Halton Landfill Technical Study:
After-Use Report - Site D
(Files: AG01 A and SD07 A)

At their regular meeting of 86 10 07 the Halton Agricultural Advisory Committee passed the following motion regarding the above noted issue:

"That HAAC supports the selection of Site F in Burlington as the new landfill site."

A copy of the minutes related to this item is included for your further information.

Kathy Kielt

KK/

c.c. P. Langdon, Staff Liaison

D. Smith, Public Works Department

K. Ash, Planning and Development Department

Regional Municipality of Halton
Minutes of the Halton Agricultural
Advisory Committee

Meeting No. 10-86

Tuesday, October 7, 1986

Present: F. Anthony T. Foster
 M. Lasby E. Segsworth
 J. Reid P. McMaster
 J. Kitching Mayor R. Miller
 N. Biggar

Absent: B. Wood J. Nurse
 H. Brander

Absent With Regrets:
 V. Ella P. Branch

Regional Planning Staff: P. Langdon, G. Wellings,
 S. Jensen, K. Kielt

Others Present:

D. Smith, Public Works Department, Re: Item 6
C. Boss, Landowner, Re: Item 7

The meeting started at 8:05 p.m.

1. Confirmation on the Minutes of Meeting No. 9-86, held
Tuesday, September 2, 1986

MOTION: Moved by M. Lasby, seconded by J. Reid

"That the Minutes of Meeting 9-86 held
Tuesday, September 2, 1986 be adopted as
circulated."

CARRIED

2. Business Arising from the Minutes

P. Langdon advised that information is included on the agenda regarding OLC severance applications in Milton and a subdivision application in Burlington as discussed at the previous meeting.

3. Disclosure of Conflict of Interest

J. Reid declared a conflict with regard to Item 6 as he owns land adjacent to the proposed landfill site D.

4. 1986 HAAC Educational Programs - Representative from Halton Federation of Agriculture

It was reported that Dr. Kunica of the Halton Federation of Agriculture had been expected at the meeting to discuss joint funding of educational programs. As it appeared that he was unable to attend it was determined that he would be invited to the next HAAC meeting.

5. Halton Agricultural Land Evaluation Mapping

P. Langdon introduced G. Wellings and S. Jensen who are working under contract in the Planning Department to develop a system for agricultural land evaluation. He advised that, with HAAC's assistance, a weighting system was devised for characteristics contributing to the long term potential of land for remaining in agriculture. A computer system has now been developed to calculate the results and assist in mapping. P. Langdon drew Committee's attention to information both printed in the Agenda and distributed at the meeting, showing the rating for 100 acre lots throughout the Region.

There was some discussion of the methodology used to determine ratings and it was agreed that in some respects the Soils of Halton County information is not accurate.

F. Anthony questioned whether there would be site inspections to confirm ratings. P. Langdon advised that site visits have been done to determine land uses but soil capability cannot be as easily determined.

P. Langdon stated that Harold Flaming, of OMAF has suggested that the minimum area for agricultural designation be 1,000 acres, but that HAAC has previously suggested 500 acre blocks be considered. He added that specialty crop areas could over-ride the 500 acre requirement. F. Anthony suggested that smaller areas, even as small as 100 acres, should be considered for agricultural designation.

T. Foster suggested that further refinement of the evaluation system should wait until policies for the two designations are further established. P. Langdon explained that work is taking place on development of these policies and they will be brought to HAAC in the near future. The policies will likely prohibit subdivisions in the agricultural area and relax severances in the rural area.

He added that mapping work should proceed now, while the Planning Department has access to the manpower under a provincial grant.

Some areas were identified where there was some disagreement with the ratings and further research will take place.

MOTION: Moved by F. Anthony, seconded by T. Foster

"That a subcommittee be formed to look at agricultural designations for land evaluation mapping."

CARRIED

The subcommittee, made up of F. Anthony, T. Foster, J. Reid and E. Segsworth, will report back to committee at the next meeting.

6. Request for Comments - Halton Landfill Technical Study:
After-Use Report - Site D

T. Foster questioned whether a similar report had been prepared for Site F. P. Langdon explained that as HAAC did not identify any concerns with the draft Site F report, which did not recommend rehabilitation to agriculture, only the Site D report was circulated at this time. It was pointed out that the Appendix to the report, which details cost comparisons for D and F, is identical for both reports.

There was some concern expressed that the high cost for rehabilitation to agriculture for Site F could make it appear that Site D was preferable, when Site F has a low suitability for agriculture to begin with. Mayor R. Miller agreed, saying that good agricultural land, as exists at site D, should not be used for landfill.

There was some discussion of why the Region was still considering two landfill sites. N. Biggar pointed out that with two possible sites being studied, one could be eliminated by the OMB and a search for an appropriate site would not have to commence over again. P. Langdon stated that if further detailed information shows that one site is very much better, the options still exists for Council to recommend one site. To date, this has not occurred and Halton is still proceeding with two sites. F. Anthony suggested that due to the potential impacts of water pollution on surrounding livestock operations and because Site D would remove land from agriculture, Site F is preferable.

MOTION: Moved by T. Foster, seconded by Mayor R. Miller

"That HAAC supports the selection of Site F in Burlington as the new landfill site."

CARRIED

7. Subcommittee Comments - Niagara Escarpment Plan Amendment No. 14, Casey Boss, Town of Halton Hills

M. Lasby read a subcommittee report regarding this application to change Niagara Escarpment Plan designation from Protection Area to Rural Area. She stated that the property is made up of sandy loam, with one foot of top soil and three feet of overburden. Parts of the property are presently growing corn and soybeans, with pasture and bush to the north. An operating wayside pit is located in the middle of the property. M. Lasby questioned why the entire parcel was to be redesignated. P. Langdon stated that the Niagara Escarpment Commission generally prefers not to split one property into two designations.

M. Lasby stated that land surrounding the property underwent rehabilitation but is not able to support agricultural uses as topsoil and overburden were not stored separately before being reapplied. She suggested that further information be sought regarding the rehabilitation plan for the proposed site.

N. Biggar introduced C. Boss, the owner of the property. T. Foster questioned whether any portion of the Boss property has been rehabilitated to support agriculture. C. Boss replied that 3 acres of rehabilitated land are now growing winter wheat with good results. J. Reid questioned how many years it would take to excavate at present. C. Boss advised that the pit would be in operation for 20 to 30 years as the gravel may only be sold for municipal projects in the current Niagara Escarpment Plan designation. This time would be significantly reduced with the proposed change in designation which would allow sale of gravel for provincial projects, which are normally much larger in scale. This would permit a much earlier rehabilitation of the whole property to agriculture.

There was some discussion of the site and the methods used for rehabilitation. It was emphasized that fill stored during the excavation period be separated into topsoil and overburden, and that they be returned to the site as they

were removed. J. Kitching expressed concern that with required setbacks, the pit will take the form of a large hollow that would not be suitable for rehabilitation. C. Boss indicated that permission has been granted to take the excavation to within 20 feet of the road rather than the usual 100 feet.

MOTION: Moved by F. Anthony, seconded by T. Foster

"That HAAC is in favour of the Niagara Escarpment Plan Amendment proposed by Casey Boss provided that the land is rehabilitated to agricultural standards."

CARRIED

8. Request for Comments - Region Official Plan Amendment
No. 11: Rural Industrial Development Policies

P. Langdon explained that although the official deadline for comments is October 10, comments from HAAC will be accepted at the next regular meeting of November 4, 1986.

MOTION: Moved by J. Kitching, seconded by Mayor R. Miller

"That a subcommittee be formed to review Regional OPA No. 11, Rural Industrial Development Policies."

CARRIED

A subcommittee was formed, consisting of P. McMaster, H. Brander, and J. Nurse to review this document for the next meeting.

9. Request for Comments - Right to Farm Advisory
Committee's Report

P. Langdon drew members' attention to the staff report reprinted in the agenda which indicates that HAAC will be consulted regarding the Right to Farm Advisory Committee's Report. He advised that a further report to Council will consider any comments received.

T. Foster questioned the meaning of a permit system as included in the report's recommendations. P. Langdon stated that the full report clarifies that Permits would be required in agricultural areas for farm dwellings and

livestock facilities, and denial of such a permit could be appealed to a tribunal.

There was some discussion of what would constitute normal farming practices and E. Segsworth pointed out that some practices in use now were unheard of 20 years ago. He suggested that some experimental technologies would not be permitted to develop now.

MOTION: Moved by T. Foster, seconded by F. Anthony

"That HAAC endorses "The Ontario Right to Farm Advisory Committee's Report"."

CARRIED

10. Information

- i) Ontario Land Corporation Severance Applications B213 and B214/86/M, Town of Milton
- ii) Subdivision Application 24T-86002, Bunkowsky, City of Burlington

Attention was drawn to the above items of information. P. Langdon pointed out discussion of these two items took place at the last meeting. He confirmed that the Ontario Land Corporation has agreed to go through the Land Division process and abide by the decision made although they are not required to do so by law.

T. Foster expressed concern with the configuration of the subdivision as mapped in the Agenda. P. Langdon advised that the plan has not as yet received favourable response.

11. Other Business

- i) 1987 HAAC Budget - Information and Education

P. Langdon advised members that HAAC's 1987 budget is now being prepared and questioned whether there were any suggestions regarding activities. There was some discussion of this but no requests were put forward.

- ii) EEAC's 1986 ESA Tour

P. Langdon advised that the Ecological and Environmental Advisory Committee is holding a tour of Environmentally Sensitive Areas on October 16, 1986. He drew attention to a letter inviting HAAC members to

the tour and requested that those wishing to attend contact K. Kielt.

iii) HFA Request Regarding Consultants to Produce
Agricultural Impact Assessment

P. Langdon advised that he received notification of a motion passed by the Halton Federation of Agriculture requesting that, where an Agricultural Impact Assessment is requested, that the Region hire a consultant to do the work and charge the cost back to the applicant. He stated that he will prepare a staff report to Council on this subject and has written the HFA for information on why this was requested.

F. Anthony stated that the HFA wants an agrologist to look at Agricultural Impact Assessments as the Region does not seem to recognize the importance of the agricultural industry to the economy of Halton. In addition, he said, the agrologist could contribute to other projects such as quarry rehabilitation plans and the landfill study process.

P. Langdon questioned whether HAAC feels they are not able to adequately review studies themselves and asked if it was acceptable for an agrologist to review impact assessments produced by others. Mayor R. Miller stated that it is important that consultant's reports be unbiased and suggested that before the OMB and other tribunals, the opinion of experienced farm operators is disregarded in favour of consultants. He went on to suggest that HAAC continue to push for the hiring of an agricultural planner at the Region.

MOTION: Moved by Mayor R. Miller, seconded by E. Segsworth

"That HAAC supports the request made by the Halton Federation of Agriculture that the Region hire a consultant to perform required Agricultural Impact Assessments at the applicant's cost."

CARRIED

iv) Minimum Distance Separation and House Construction
in Town of Milton

E. Segsworth questioned whether it was possible to get a stop order put on construction of a house in the Town

of Milton which appears to contravene the Minimum Distance Separation. P. Langdon advised that the subdivision agreement would have to be checked to see if there is any contravention but pointed out that the Minimum Distance Separation is a guideline only and not a law. Mayor R. Miller suggested that the Town of Milton Planning Department be contacted to ensure that construction is proceeding as approved.

12. Adjournment

MOTION: Moved by Mayor R. Miller, seconded by J. Reid

"That the meeting be adjourned."

CARRIED

The meeting was adjourned at 10:30 p.m.

THE REGIONAL MUNICIPALITY OF HALTON

Report to Chairman and Members of the Solid Waste
Management Committee

From John E. Fleming, Chief Administrative Officer

Date 1986 10 06

Report No CAO 267/86

Re: 8th Ontario Conference on Waste Management
- Ontario Chapter of the Governmental Refuse
Collection and Disposal Association

RECOMMENDATION:

1. THAT the following Members of Council
be authorized to attend the 8th
Ontario Conference on Waste Management
to be held in the City of Toronto,
October 23 - 24, 1986:

1. _____
2. _____

REPORT:

His Worship Peter Wong, P. Eng. Mayor of the City of Sudbury has invited Members of Council to attend the 8th Ontario Conference on Waste Management. This conference is sponsored by the Ontario Chapter of the Governmental Refuse Collection and Disposal Association which is a non-profit organization primarily interested in municipal waste disposal issues.

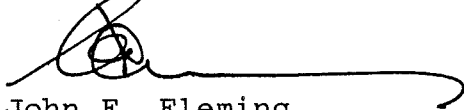
An agenda for the Conference is attached as Schedule "A" to this report.

Council Members are reminded that the 7th Annual Conference of the Recycling Council of Ontario will be held in Mississauga on October 24 - 25 and that conference will be attended by four Members of Council.

APPROVALS
BUS. DEV.
HEALTH
LAW
PERSONNEL
PLANNING
P.W. <i>DM</i> ✓
SOC. SERV.
TREAS.
LANDFILL APPR. CO-ORD. <i>SOR</i>

Any Member of Council wishing to attend this Conference is requested to contact the Regional Clerk who will make the necessary arrangements.

Respectfully submitted,

A handwritten signature in dark ink, appearing to be 'John E. Fleming', with a long horizontal flourish extending to the right.

John E. Fleming
Chief Administrative Officer

DJV/eb

A G E N D A



THURSDAY, OCTOBER 23, 1986:

8:00 a.m.	Registration and Coffee
9:00 a.m.	Welcoming Remarks
9:05 to 10:30 a.m.	<u>Plenary Session:</u> THE PITFALLS OF WASTE MANAGEMENT DECISIONS: CAN THEY BE MADE? <u>Panelists:</u> A Municipal Administrator; a Municipal Politician; an M.O.E. Official and a Member of the Public will provide their views on this issue
10:30 to 10:45 a.m.	Coffee Break
10:45 to 12:00 Noon	<u>Plenary Session:</u> CAN A SANITARY LANDFILL BE ENVIRONMENTALLY SAFE? <u>Speakers:</u> Denys Reade and Professor Robert Quigley
12:00 Noon	Cash Bar
12:30 p.m.	Luncheon {included in Registration}
1:30 to 2:00 p.m.	ANNUAL BUSINESS MEETING
2:00 to 4:30 p.m.	<u>Concurrent Workshops:</u> A. WORKSHOP ON OPERATIONS AND COLLECTION B. WORKSHOP ON WASTE DISPOSAL
6:30 p.m.	Reception {Cash Bar}
7:30 p.m.	ANNUAL DINNER & RECOGNITION EVENING: Delegates - {included in Registration} Extra Seats {\$30.00 per person} <u>Guest Speaker:</u> The Honourable James Bradley Minister of the Environment

FRIDAY, OCTOBER 24, 1986:

- 8:00 to 9:00 a.m. Continental Breakfast
{included in Registration}
- 9:00 to 10:30 a.m. Plenary Sessions:
- A. HOUSEHOLD HAZARDOUS WASTE:
M.O.E. & Tricil presentations
 - B. GRCDA/MOE LIAISON WORK
IN WASTE MANAGEMENT:
Presentation by Joint Committee
- 10:30 a.m. Coffee Break
- 10:45 a.m. Plenary Sessions:
- DIRECTIONS AND RESOLUTIONS:
- Discussion on the following Resolutions:
1. THAT the Ministry of the Environment be requested to develop a procedure which would require environmental mediation in the event there is opposition to a proposal which would be subject to an Environmental Assessment Act or an Environmental Protection Act Hearing.
 2. THAT the Minister of the Environment, who is responsible for the administration of the Environmental Assessment Act and the Environmental Protection Act, be requested to conduct a comprehensive review of the approval process from initiation to finalization. This review to include the cost impact to all levels of government, of the approval process from implementation through to operating cost of the approved project. Moreover, there be a review of the time involved to bring the approval process to a final conclusion.
- 12:00 to 1:15 p.m. Luncheon {included in Registration}
- 1:15 p.m. Adjournment

THE REGIONAL MUNICIPALITY OF HALTON

Report to Chairman and Members of the Solid Waste
Management Committee

From John E. Fleming, Chief Administrative Officer

Date 1986 10 03

Report No CAO 266/86

Re: The Second International Conference, Energy From
Waste - Washington, D.C., U.S.A.

RECOMMENDATION:

1. THAT CAO 266/86 re: The Second International Conference - Energy from Waste, Washington D.C., U.S.A. be received for information.

REPORT:

An Energy from Waste Conference is being held in the City of Washington, D.C., U.S.A., on November 13 - 14, 1986.

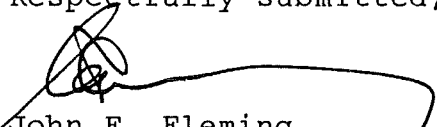
A conference schedule is attached as Schedule "A" to this report.

Should Members of Council wish to attend this Conference an appropriate recommendation would be:

"THAT Councillor be authorized to attend the Second Annual Conference on Energy from Waste in Washington, D.C., November 13-14, 1986."

The registration fee for this conference is \$695.00 U.S.

Respectfully submitted,


John E. Fleming
Chief Administrative Officer

DJV/eb

APPROVALS
BUS. DEV.
HEALTH
LAW
PERSONNEL
PLANNING
P.W. "JM"
SOC. SERV.
TREAS.
LANDFILL APPR. CO-ORD "SDR"

ENERGY FROM WASTES

CONFERENCE SCHEDULE

(Speakers Subject to Change)

THURSDAY, NOVEMBER 13, 1986

Registration/Continental breakfast

Morning sessions

Keynote address: The industry overview
Dudley Mecum, President, Urban Systems & Services Group, Combustion Engineering, Inc.

SESSION 1: Legislation and financing

Legislative update: Influence of the new tax bill on the waste-to-energy industry

Charles Samuels, Mintz, Levin, Cohn, Ferris, Glovsky & Popeo

Utility ownership of waste-to-energy plants

Irwin Heller, Mintz, Levin, Cohn, Ferris, Glovsky & Popeo

What vendors and government officials must know when dealing with the community

Dr. Clinton Kemp, The Canruf Company

Panel discussion

Coffee break

SESSION 2: Municipal waste-to-energy market I—REFUSE

Defining the small-systems market

John Simpson, Fluor Venture Group

Small waste-to-energy systems: conditions necessary to make them economically attractive

Stephen C. Schwarz, Malcolm Pirnie, Inc.

Modular approach for small waste-to-energy systems: advantages and drawbacks

Joe Domas, Vicon Recovery Systems, Inc.

Mid-size-systems market

Frank D. Hutchinson, Dravo Energy Resources, Inc.

Large-systems market

John J. Sullivan, Signal Environmental Systems

Panel discussion

Group luncheon

Afternoon sessions

SESSION 3: Municipal waste-to-energy market II—LANDFILL GAS AND SLUDGE

Defining the landfill-gas market and its potential

Ellen Bogardus, CH2M-Hill

How to get started in the landfill-gas business

Eileen Berenyi, Governmental Advisory Associates Inc.

Defining the sludge-to-energy market and its potential

F. Michael Lewis, Consultant

How to get started in the sludge-to-energy business

Richard Zang, Dorr-Oliver Inc.

Panel discussion

Coffee break

The Second International Conference and the first to recognize the emerging energy-from-industrial-wastes (hazardous and non-hazardous) market as a logical extension of the municipal-wastes market. In addition to a comprehensive update of the vibrant and

ever-changing public-sector markets, you'll learn about new business opportunities in the advancing private-sector waste-to-energy markets as well as the similarities and differences between the two in terms of regulations, equipment, and technology.

SESSION 4: Regulations: Federal/State/European

Status of federal regulations—update of EPA programs
Stephen Greene, EPA Waste Management Division

State regulations: California
Robert D. Kahn, Robert D. Kahn & Co.

European regulations

Dr. Allen Hershkowitz, Inform, Inc.

Panel discussion

Reception

FRIDAY, NOVEMBER 14, 1986

Continental breakfast

Morning sessions

SESSION 5: Environmental aspects of municipal waste-to-energy plants

Characteristics of waste streams from municipal waste plants

Floyd Hasselriis, Gershman, Brickner & Bratton, Inc.

Upstream refuse preparation and combustion-control techniques to minimize discharges

Anthony Licata, Dravo Energy Resources, Inc.

Post-combustion cleanup processes for controlling emissions of flyash, acid gases, dioxins, etc.

David Sussman, Odgen Martin Systems of Alexandria/Arlington

Panel discussion

Coffee break

SESSION 6: Emerging private-sector waste-combustion markets—non-hazardous

Trends in waste disposal at industrial and manufacturing plants and institutions

Gary Schanche, U.S. Army Construction Engineering Research Laboratory

Market potential for waste combustion:

The institutional market

Paul Bancel, Kaiser Engineers, Inc.

The health-care community

William D. Bingham, BFI Hospital Waste Systems

The chemicals industry

George Barkanich, ESI, Inc.

The food industry

Jurgen Kleinau, Keeler/Dorr-Oliver Boiler Co.

General manufacturing

John N. Basic, Basic Environmental Engineering

Panel discussion

Group luncheon

Afternoon sessions

SESSION 7: Emerging private-sector waste-combustion markets—hazardous

Regulatory aspects of burning hazardous wastes

Mark Turgeon, US EPA Office of Solid Waste

Alternatives for dedicated hazardous-waste combustion/heat recovery

Paul Fennely, ERT Inc.

Potential for co-combustion of hazardous-waste streams in existing boilers, furnaces, incinerators, and/or kilns

Donald S. Henz, P.E., PEI Associates

The role of independent central waste-processing facilities in the destruction of hazardous wastes

Carlo Castaldini, Acurex Corp.

Panel discussion

Adjourn

REGIONAL MUNICIPALITY OF HALTON

Report to The Chairman and Members of the
Solid Waste Management Committee

From John E. Fleming, Chief Administrative Officer,

Date 1986 10 03

Report No. CAO268/86

Re: Halton Landfill Technical Reports
Applications under the Environmental Protection
Act, the Conservation Authorities Act, and the
Ontario Water Resources Act, for a Waste Disposal
Site (Landfill) at Site F in Burlington and Site D
in Milton

RECOMMENDATION

1. THAT those reports listed in
Schedule A to Report CAO 268/86
constituting the Halton Region
Landfill Technical Study, be
approved and adopted.
2. THAT the Director of Public Works be
authorized to prepare and submit
applications pursuant to The
Environmental Protection Act for the
issue of a Certificate of Approval
for the operation of a Solid Waste
Disposal Site (Landfill) at north
half of Lots 2 and 3, Concession I,
and south half of Lot 3, Concession
II in the City of Burlington (Site
F) and Lot 3 and part of Lot 4,
Concession II in the Town of Milton
(Site D), and that the appropriate
technical reports adopted by Council
be submitted in support of each
application.

APPROVALS
BUS. DEV.
HEALTH
LAW
PERSONNEL
PLANNING "RM" ✓
P.W. "RWM" ✓
SCM "V." ✓
TREAS "JR" ✓

3. THAT the Director of Public Works be authorized to prepare and submit an application to the Halton Region Conservation Authority pursuant to Regulation 164 of the Conservation Authorities Act for approval for any straightening, changing, diverting, or interfering with any channel of a river, creek, stream or water-course required to design, construct or operate a new Regional landfill, at either proposed Site F or proposed Site D.
4. THAT the Director of Public Works be authorized to make any and all applications required to be made under the Ontario Water Resources Act, for approval to design, construct and operate the leachate collector system sewage works for a new Regional Landfill, at either proposed Site F or proposed Site D.

REPORT

A. Background

On 1985 07 23 Regional Council approved Report CAO 203/85, Halton's New Landfill Component Approvals Approach - Environmental Assessment, Environmental Protection Act, Planning and Financial, which included a series of recommendations to carry out a number of technical studies in support of an Environmental Protection Act application for the issue of a Certificate of Approval for the design and operation of a Solid Waste Disposal Site (Landfill) at either Site F in Burlington, or Site D in Milton.

B. Reports Completed

All the consultants with the exception of the Financial consultants, C.N. Watson and Associates, have completed their studies for Sites D and F, and copies of the final reports were made available on September 22, 1986 for distribution to interested parties pursuant to Report PW269/86, "Distribution of Environmental Protection Act Technical Reports for Site D in Milton and Site F in Burlington". The technical reports that are now completed and are recommended for adoption are indicated in Schedule A attached to this report.

The Agricultural Rehabilitation Report by Ecological Services for Planning Limited has been incorporated as an appendix to the After-Use Report-Site D, completed by Landplan Collaborative Limited.

Members of Council have had an opportunity to hear presentations by and ask questions of the Consultants, and Council has provided an opportunity for the public to comment as well.

C. Financial and Economic Analysis

All consultants have now submitted to the Finance Department and C.N. Watson and Associates their estimates of the associated costs (capital and operating) related to both landfill sites.

C.N. Watson and Associates will now complete the Financial and Economic Analysis which will be submitted to the Solid Waste Management Committee by the first meeting in November, 1986. However, based on a preliminary review of the financial requirements for both sites, the Regional Treasurer can advise as follows:

1. Although the costs of developing, constructing, and operating a new landfill at either site will be very expensive, the estimated capital costs presented by the consultants appear to be within the preliminary debenture requirements identified in the 1987 Budget Directions (FIN 150/86).
2. While the cost of Site F continues to be greater than Site D, the differential in operating and capital costs has narrowed substantially. Therefore, the costs for either site will be in the same order of magnitude.

There has been concern expressed by some Councillors about adopting these reports without reviewing the financial information associated with the proposed site designs. It should be pointed out that any changes in the financial analysis would likely only impact the Design and Operations Report and perhaps the After Use Report. All other reports are technical analysis reports.

While there is merit in the concern with adopting the Design and Operation Report without reviewing the financial information, staff would point out that the failure of Council to adopt the technical reports presently put forward to Council would delay the submission of applications which

are dependent on the information contained in these reports, delay the consideration of the Response and Amendment, delay in preparation and finalization of the Comparative Analysis report, and delay the timing of issuing notice to the Hearings Registrar of Halton's requirement for a Consolidated Hearing.

However, it is open to Council to amend any reports, or to provide supplemental information, should the information contained in the Financial Analysis compel such action, in the opinion of Council.

Staff have reviewed the twelve consultants' reports and recommend to Council that the reports be approved and adopted by Council. In order not to delay progress towards the holding of a Consolidated Hearing, and given the information provided by the Regional Treasurer, and the options available to Council in respect to these reports, it is recommended that all the technical reports be adopted by Council at this time.

D. Application Under the Environmental Protection Act

Once the technical reports have been approved and adopted by Council, a formal application pursuant to the Environmental Protection Act for the issue of a Certificate of Approval for the design and operation of a waste disposal site (landfill) will need to be submitted to the Minister of the Environment along with the appropriate technical reports in support thereof. Hence recommendation 2. As two sites are being considered, two separate applications for approval must be made, one for each site.

E. Application under the Conservation Authorities Act

For both Sites D and F it is necessary for Halton Region to submit applications to the Halton Region Conservation Authority pursuant to Regulation 164 of the Conservation Authorities Act for approval for any straightening, changing, diverting or interfering in any way with an existing channel of a river, creek, stream or watercourse. The concepts contained in the Design and Operations Reports, indicate that certain channels or watercourses will need to be somewhat altered. Thus, an application under this legislation is necessary. Recommendation #3 gives the Director of Public Works the authority to prepare and submit the applications on behalf of Halton Region.

F. Application under the Ontario Water Resources Act

Legal counsel have advised that the on-site leachate collection system would likely fall within the definition of "sewage works" as defined under the Ontario Water Resources Act. There is no exemption for landfill sites under that Act. Therefore, an application pursuant to Section 24(1) of that Act should be made. Recommendation #4 gives the Director of Public Works the authority to submit such an application.

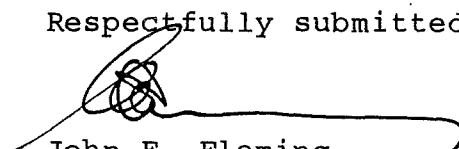
G. Comparative Analysis

In July of 1985, the resolutions resulting from Report CAO 203/85 authorized Planning Consultants Walker Wright Young to complete a comparative analysis of Site F and Site D to determine, after the further detailed studies just now being completed, a preferred site for landfilling in Halton.

The preparation of the Comparative Analysis is predicated on the completion and adoption of the technical reports now being presented to Council.

However, Council indicated that prior to that work commencing, a detailed work program was to be prepared, presented to Council and adopted. The Planning Consultants are preparing that work program, which will set out the work required, and the time within which the work will be completed. The Planning Department will review that work program and bring it forward to Council for approval as soon as possible after receipt.

Respectfully submitted,



John E. Fleming
Chief Administrative Officer

JEM:sdr/sn
Attach.

SCHEDULE A TO REPORT CAO 268/86

Schedule A-D	Design and Operations Report - Site D
Schedule A-F	Design and Operations Report - Site F
Schedule B-D	Hydrogeologic Report - Site D
Schedule B-F	Hydrogeologic Report - Site F
Schedule C-D	Transportation Analysis Report - Site D
Schedule C-F	Transportation Analysis Report - Site F
Schedule D-D	Biophysical Analysis Report - Site D
Schedule D-F	Biophysical Analysis Report - Site F
Schedule E-D	After-Use Report - Site D
Schedule E-F	After-Use Report - Site F
Schedule F	Heritage Features Assessment Report
Schedule G-D	Visual Analysis Report - Site D
Schedule G-F	Visual Analysis Report - Site F
Schedule H-D	Wind Analysis Report - Site D
Schedule H-F	Wind Analysis Report - Site F
Schedule I-D	Air Quality Analysis Report - Site D
Schedule I-F	Air Quality Analysis Report - Site F
Schedule J-D	Noise Analysis Report - Site D
Schedule J-F	Noise Analysis Report - Site F
Schedule M	Leachate Treatability and Toxicology Report

