

THE REGIONAL MUNICIPALITY OF HALTON



Solid Waste Management Committee

Agenda

OCTOBER 27, 1986

THE REGIONAL MUNICIPALITY OF HALTON

MEETING NO. 19-86

NAME OF SUB-COMMITTEE: SOLID WASTE MANAGEMENT

DATE OF MEETING: Monday, October 27, 1986
9:30 a.m.

PLACE OF MEETING: Public Works Department
2316 South Service Road W.
Oakville, Ontario

A G E N D A

ITEM NO.

PAGE NOS.

DISCLOSURES OF CONFLICT OF INTEREST

DELEGATIONS

- | | | |
|----|---|---------|
| 1. | P.W. Report No. 328/86 re: Air Emission
Testing at Wurzburg, West Germany
Waste to Energy Facility | 1 - 2 |
| 2. | C.A.O. Report No. 279/86 re: Halton
Landfill Comparative Analysis Work Program
by Walker, Wright, Young Associates
Limited | 3 - 14 |
| 3. | C.A.O. Report No. 277/86 re: Evaluation
of Proposal from Clay-Mill Energy from
Waste Inc. | 15 - 19 |
| 4. | <u>Other Business</u>
<u>Adjournment</u> | |

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REGIONAL MUNICIPALITY OF HALTON

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

From R.W.J. Moore, P.Eng., Director of Public Works

Date 1986 10 17

Report No. PW 328/86

Re: Air Emission Testing at Wurzburg, West Germany
Waste to Energy Facility

RECOMMENDATION

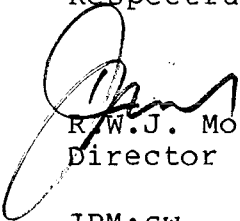
THAT the report on air emissions testing at the Wurzburg, West Germany Waste to Energy Facility presented at the National Waste Processing Conference, be received for information.

REPORT

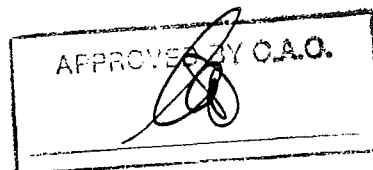
Attached for Committee's information is the Abstract from a paper presented to the Twelfth Biennial National Waste Processing Conference regarding air emissions testing at the Wurzburg, West Germany waste to energy facility. Committee will note that the facility tested has a capacity of 660 tonnes per day, similar in size to the one proposed for Halton. Note is also made that this particular plant uses the Martin automatic combustion control system, and the flue gas is treated for acid gas and particulate removal by a dry scrubber/bag house system, and that the dioxin emissions are the lowest reported to date on a full scale waste to energy facility. A copy of the full report has been placed in the Councillors' Lounge.

We wish to thank Mr. Tom Sutherland, Chairman of the former Citizens Solid Waste Advisory Committee for providing us with this information.

Respectfully submitted,


R.W.J. Moore, P.Eng.
Director of Public Works

JRM:sw
Attach.



Presented at
12th Biennial National Waste Processing Conference
American Society of Mechanical Engineers
Denver, Colorado
June 1-4, 1986

**AIR EMISSIONS TESTING AT THE
WURZBURG, WEST GERMANY WASTE-TO-ENERGY FACILITY**

By

J.L. Hahn, H.P. VonDemfange, R.A. Zurlinden,
K.F. Stianche, and R.W. Seelinger
Ogden Martin Systems, Inc.

and

H. Weiland, G. Schetter,
P. Spichal, and J.E. Martin
Martin GmbH

June 1986

ABSTRACT

An extensive three-day test program was conducted to document the air emissions from the 660-TPD Wurzburg, West Germany, waste-to-energy facility, one of the most modern in Europe. The tests were conducted utilizing the test methods established by the U.S. Environmental Protection Agency. The emissions were sampled while the plant was operated with Martin GmbH's advanced automatic combustion control system and the flue gas treated for acid gas and particulate removal by a dry scrubber/baghouse system. The dioxin emissions are the lowest reported by any test organization to date on a full-scale waste-to-energy facility and are below the 1985 Swedish Guidelines for 2,3,7,8-TCDD and Toxic Equivalent emissions. The average CO emissions were 35 ppm_{dv} at 7% O₂, THC emissions were <1 ppm_{dv}, the average particulate emissions were 0.004 gr/dscf at 12% CO₂, and no vinyl chloride was detected down to 120 ppt_{dv}.

REGIONAL MUNICIPALITY OF HALTON

Report To Chairman and Members of the Solid Waste Management
Committee

From J. Fleming, Chief Administrative Officer

Date 86 10 17

Report No. CAO 279/86

Re: Halton Landfill Comparative Analysis Work Program
by Walker, Wright, Young Associates Limited

RECOMMENDATIONS

1. THAT Walker, Wright, Young Associates Limited be authorized to undertake the final Comparative Analysis of Sites F and D as set out in Schedule 'A' to CAO 279/86 at an upset limit of \$47,500.
2. THAT the budget control and study coordination for the Comparative Analysis be transferred from the Planning and Development Department to the CAO's Department, Landfill Approvals Coordinator.
3. THAT the Regional Solicitor be authorized to amend the current agreement with Walker, Wright, Young Associates Limited to include completion of the Comparative Analysis Work Program.

REPORT

Committee will recall Report CAO 203/85 recommendations which were adopted by Council and in particular, approval was given for Walker, Wright, Young Associates to carry out a Comparative Analysis of Sites F and D based on the final detailed EPA reports for each of these sites. Council also directed that prior to any work being done on the Comparative Analysis, a work program and cost estimate was to be developed and submitted to Regional Council for approval.

Walker, Wright, Young Associates have provided Planning and Development staff with a work program for the Comparative Analysis (Schedule A). This work program has been reviewed by the Approvals Management Committee including Planning and Development staff, and legal counsel, who concur with the contents and procedure of the work program proposed.

Required Funding and Agreements

As indicated in Schedule A, the Comparative Analysis will cost \$45,000 for Mr. Walker to complete his work. It is anticipated that an additional \$2,500 will be required to print the final Comparative Analysis document. All required funding can be absorbed in several existing budgets. After a transfer of \$16,090 was made in Report DPD 123/86 from the original \$51,000 approved Comparative Analysis budget \$34,910 remains in that account. A transfer of \$590 can be made from the existing Planning Approvals budget, while \$12,000 can be transferred from the approved Hearing budget. (Refer to Schedule B for recommended funding provisions).

It is also recommended that the current agreement with Walker, Wright, Young Associates Limited be amended to include completion of the Comparative Analysis Work Program.

Timing

The Comparative Analysis is to be completed in January 1987. This will coincide approximately with the anticipated time for the commencement of the Preliminary Hearing of the Consolidated Hearing.

Budget Responsibility

The Approvals Management Committee has considered the issue of control over the budget for this final study. As the Hearing approaches, it was agreed that budget control for matters related to the Hearing might better be centralized. It was, therefore, felt that budget control, together with coordination of the study, ought to be transferred to the CAO's Department, Landfill Approvals Coordinator. The Landfill Approvals Coordinator, in conjunction with the Planning and Development Department, will conduct the necessary liaison with the consultant.

Respectfully submitted,



J. Fleming
Chief Administrative Officer

CAO 279/86
Schedule A

Walker, Wright, Young
Associates Limited
Planning Consultants

October 22, 1986

The Regional Municipality of Halton
Department of Planning & Development
P.O. Box 7000
1151 Bronte Road
Oakville, Ontario
L6J 6E1

Attention: Mr. Paul Attack
Senior Planner

15 Delisle Avenue
Toronto, Ontario
M4V 1S8
416/968-3511

Dear Mr. Attack:

Re: Comparative Analysis Work Program:
Your File SD07 B

Further to your letter dated September 19, 1986, and a meeting with Regional planning staff and the Landfill Approvals Coordinator on September 22, 1986, a proposed work program for the Comparative Analysis is now submitted for your review.

Scope

The Comparative Analysis will comprise an evaluation of Site 'D' and Site 'F' as alternative sites for landfilling. These two sites were selected by Council for further analysis as potential landfill sites at the conclusion of Stage 2C of Halton's Environmental Assessment for Landfill; and are identified as alternative landfill sites in the definition of Halton's proposed undertaking under the Environmental Assessment Act. Our analysis will be restricted to a comparison of Sites 'D' and 'F' only, and will give no further consideration to any other potential locations for landfilling that were rejected as part of the Environmental Assessment process.

The Comparative Analysis will take into consideration the new facts and analyses that, subsequent to Stage 2C, and Stage 3, have been presented in the form of the recently-released Technical Studies, Executive Summaries and Comparative Evaluations by Halton's landfill consultants; and will form the basis of our subsequent opinion as to which of the two sites is preferable.

Peter R. Walker
B.A. M.Sc. MCIP
James M. Wright
B.Arch. MRAC
Richard D. Young
B.Sc. M.Arch. MRAC RIBA
Robert A. Dragicevic
BES MES MCIP
Wendy Nott
BES MCIP

We believe it is important, in terms of our objectivity for this analysis, to state that we have had no input into the above-noted Technical Studies or the process leading to their preparation or issuance and therefore will be reliant only on their stated material in our work on the Comparative Analysis.

It is our current understanding in making this proposal that the Comparative Analysis will be placed before Regional Council, and that Council will make known its position regarding that document, prior to the commencement of the hearing.

Methodology

Evaluation Criteria

During Stage 2C of Halton's Environmental Assessment for Landfill, the environmental effects of landfilling on six alternative sites were evaluated, and the sites were ranked according to the environmental effects that had been determined and the mitigation measures that had been identified at that level of detail. The evaluation and ranking of the sites was based on a ranked series of evaluation factors for site selection which had been determined with the aid of a public participation process, and had been further refined with each step of the site selection process.

It is recommended that the Comparative Analysis that is now required should be based on the same set of evaluation criteria as those used in Stage 2C, subject only to further refinements as dictated by the nature and level of detail of the information which is contained in the Technical Studies. The need for these refinements will be determined based on a review of the Technical Studies, Executive Summaries and Comparative Analyses in relation to the Stage 2C criteria and reports. This procedure will ensure that the Comparative Analysis is, and is seen to be, a logical and consistent continuation of the landfill site selection process. Our preliminary review of the Technical Studies indicates that the types of refinement which would be required do not indicate any fundamental re-evaluation or re-ranking of the evaluation criteria as a whole. However, some transfers of criteria from one factor category to another may be required (such as the apparent move of "bird hazard to aircraft" criteria from Land Use to Biophysical).

The revised evaluation criteria would be reviewed with Regional staff and the Landfill Approvals Coordinator, and with Halton's consultants where appropriate, prior to the commencement of the Comparative Analysis. Where deemed necessary by Halton, the revised evaluation criteria could also be taken back to the public for their information and input.

Evaluation of Impacts

The need for revisions to the impacts related to Site 'D' and Site 'F' that were identified in Stage 2C would be determined through review of

all the aforesaid recent Technical Studies, Executive Summaries and Comparative Evaluations prepared by Halton's consultants. These documents will be examined in the context of the work already undertaken in Stage 2C of the Environmental Assessment, to assess the degree of continuity and consistency with the earlier Environmental Assessment process, and to provide a basis to enable the comparison to proceed in a logical and understandable way.

The approach, findings and conclusions of the consultants will be compared with corresponding types of information in the Stage 2C reports, in order to identify any revisions to the type of information regarding Site 'D' or Site 'F' that was previously used as a basis for site comparison. It is assumed from the nature of these Technical Studies that there will be more detailed information, but we are looking here for different types of information, or different approaches. Any changes in the information will be evaluated for their potential to modify the impacts that were determined in Stage 2C.

Where the potential for a change in impact is identified, the matter will be discussed with the consultant concerned (provided that that consultant is accessible to us) to clarify the nature and degree of impact, if any.

The product of this review process would be a revised series of criteria and impacts that would be directly comparable with those identified in Stage 2C, and with each other at this point in the process. Where criteria or impacts identified in Stage 2C are not changed by the more detailed information in the Technical Studies, they logically will not change in the Comparative Analysis. Any revised criteria or impacts based on the more detailed level of information now available will be rationalized.

The newly confirmed or revised impacts will be reviewed at a meeting between ourselves and the Landfill Approvals Coordinator.

Site Comparison

When the impact levels have been confirmed, or revised, the comparison will be undertaken to determine which of the two sites emerges as the "preferred" one, and also to evaluate the extent of the relative differences between them in terms of suitability for landfilling.

The comparison will be in the same form as the 'Site Pairing Analysis' between Site "D" and Site "F" that was undertaken as part of Stage 2C of Halton's Environmental Assessment for Landfill.

The comparison will be reviewed with the Landfills Approvals Coordinator prior to incorporation in our report, for eventual presentation to Solid Waste Management Committee and Council.

Organization

The Comparative Analysis work is to be undertaken by Walker, Wright, Young Associates Limited, within the budget that is to be agreed upon with Halton Region. It must be assumed in this process, however, that it will be necessary for enquiries to be made of Halton's consultants to assist in framing any revised criteria, and to clarify or confirm any new impact levels. We would hope that most of these enquiries can be handled by telephone, followed by confirmation from the consultant for the purpose of documentation. We cannot estimate the extent of such work for each consultant at the present time since we have not reviewed the documents, but believe in most circumstances that this is not likely to entail a large volume of work on their part. We are not including any proposed fees for these consultants in our proposed budget. It is suggested that Halton Region sets aside a separate budget to enable consultants to respond to our enquiries, as required.

In our recent communications, you have indicated to us that you wish Halton staff to be involved in the preparation of the Comparative Analysis. We have given this matter careful consideration, and have concluded that the assistance of Halton Region staff would be welcome in terms of liaison between ourselves and other consultants, and technical production and printing of the Comparative Analysis report. In addition, to assist in our gaining an understanding of what has been produced in the Technical Studies, Halton staff who were directly involved could be of assistance to us, and would be consulted on a regular basis. This should not, however, preclude our contact with the Halton consultants as described above.

Work Tasks

The work described above can be broken down as follows:

Part 1: Evaluation Criteria

1. Review all Technical Studies, Executive Summaries and Comparative Evaluations against Stage 2C Criteria and Reports.
2. Discuss Stage 2C Criteria and possible revisions with Halton's landfill consultants.
3. Propose any necessary revised factors and criteria for the Comparative Analysis.
4. Review any above-noted revisions with Landfill Approvals Coordinator at a meeting to be attended by Walker and Rowe from this firm.
5. Finalize evaluation criteria for the Comparative Analysis.

Part 2: Evaluation of Impacts

1. Identify instances in Technical Studies where there is potential for revision to impact levels based on new criteria, or more detailed information.
2. Discuss the necessity and extent of any changes in impact levels with Halton's landfill consultants.
3. Determine any revised impact levels.
4. Review any revised impact levels with Landfill Approvals Coordinator.

Part 3: Comparative Analysis

1. Impacts related to Site 'D' and Site 'F' will be tabulated. The tabulation will include impacts that have remained unchanged from Stage 2C, and those which have been revised, and will identify instances where revisions to criteria or impact levels have been made.
2. The two sites will be compared in the same way as the "pairing" analysis between Site "D" and Site "F" undertaken in Stage 2C of Halton's Environmental Assessment, with reference to the identified impact levels and the order of priority of the categories of evaluation factors. A preferred site will be identified, and the degree of any shifts in the relative differences between the sites will be described.
3. Review with Landfill Approvals Coordinator of the process and the findings with regard to the preferred site.

Part 4: Report Preparation and Presentation

1. A draft report which describes the analysis and conclusions will be prepared.
2. The draft report and conclusions will be reviewed with the Regional Landfill Approvals Coordinator, at a meeting to be attended by Walker and Rowe.
3. A final report will be prepared for presentation to Solid Waste Management Committee and Regional Council.
4. We will budget for Walker and Rowe to attend one meeting each of Solid Waste Management Committee and Regional Council, to assist the Landfill Approvals Coordinator in presenting the Comparative Analysis to Council members and to respond to questions.

Budget

On the basis of the information presented to us, we estimate that the fees budget required for the work that will be undertaken by Walker, Wright, Young Associates Limited to prepare a Comparative Analysis will be in the order of \$45,000. This estimate is based on the tasks which are outlined above, together with the sum of \$2,000 to cover disbursements. It also includes the sum of approximately \$2,000 to cover an initial review of the scope of work required and the preparation of the work program. A breakdown of the costs calculated for each individual task is attached. The members of the firm who will carry out this project, and their current hourly rates which were used in calculating this budget, are as follows:

Peter R. Walker
Partner
\$140 per hour

Steven Rowe
Senior Planner
\$65 per hour

Any substantial differences between the work as currently proposed and the services that we are requested to provide will require revisions to this budget or separate authorization from the Region. We have attempted to take account of additional costs that may arise from a need to attend a limited number of additional meetings by allowing for a contingency meeting budget of \$3,000 for this purpose as part of the overall budget.

Conclusion

The above proposed approach is presented as a consistent and appropriate framework for the carrying out of the Comparative Analysis required by Council. A preferred site which emerges from this process will have the benefit of being based on a consistent methodology and a thorough evaluation of the results of the technical studies and their effects on the relative desirability of Site 'D' and Site 'F'.

With regard to timing, as was discussed with you and the Landfill Approvals Coordinator, this Comparative Analysis can begin as soon as we receive the proper authorization to proceed but, due to other Hearing Commitments in the office, we do not believe it can be completed until mid-January at the earliest. My involvement is critical in this process and I currently have hearings scheduled right up to Christmas Eve.

Mr. Paul Attack
Regional Municipality of Halton

October 22, 1986
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We look forward to your response. If you have any questions regarding the approach or the budget, please do not hesitate to call me or Mr. Steven Rowe.

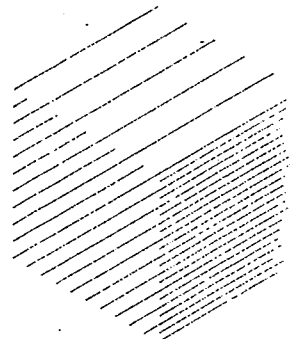
Yours truly,



Peter R. Walker, M.C.I.P.
Partner

PRW/le

cc: S. Rogers
T. Lederer



HALTON LANDFILL COMPARATIVE ANALYSIS
BUDGET CALCULATION

Preparation of Work Program \$2,045.00

Part 1: Report Review and Evaluation Criteria

1.1	Review Technical Studies, Executive Summaries and Comparative Analyses against Stage 2C Criteria and Reports	\$15,375.00
1.2	Discuss Stage 2C Criteria and possible revisions with Halton's landfill consultants	1,490.00
1.3	Prepare revised Stage 2C criteria	670.00
1.4	Meeting to discuss revised criteria with Landfill Approvals Coordinator	1,332.50
1.5	Prepare Final Comparative Analysis criteria	<u>670.00</u>
	TOTAL PART 1	<u><u>19,537.50</u></u>

Part 2: Evaluation of Impacts

2.1	Identify instances with potential for revision to impact levels	\$ 907.50
2.2	Discuss necessity and extent of any changes with consultants	1,080.00
2.3	Determine revised impact levels	465.00
2.4	Meeting with Landfill Approvals Coordinator	<u>1,332.50</u>
	TOTAL PART 2	<u><u>3,785.00</u></u>

Part 3: Comparative Analysis

3.1	Tabulate impacts	\$ 1,350.00
3.2	Undertake pairing analysis, identify preferred site and evaluate relative differences	2,095.00
3.3	Meeting with Landfill Approvals Coordinator to discuss process and findings with regard to preferred site	<u>1,332.50</u>
	TOTAL PART 3	4,777.50

HALTON LANDFILL COMPARATIVE ANALYSIS
BUDGET CALCULATION

Page 2

Part 4: Report Preparation and Presentation

4.1	Prepare draft report	\$ 4,050.00
4.2	Meeting to discuss draft report with Landfill Approvals Coordinator	1,332.50
4.3	Prepare final report	1,770.00
4.4	Present report at SWM and Council Meetings	<u>2,665.00</u>
	TOTAL PART 4	<u><u>9,817.50</u></u>

Contingency Budget for additional meetings with municipal staff, counsel or consultants \$3,000.00

Disbursements (telephone charges, photocopying, courier mileage, graphic materials) 2,000.00

TOTAL BUDGET

Work Program	\$ 2,045.00
Part 1	19,537.50
Part 2	3,785.00
Part 3	4,777.50
Part 4	9,817.50
Contingency	3,000.00
Disbursements	<u>2,000.00</u>
	<u><u>44,962.50</u></u>

SR/1e

Schedule B

Recommended Funding Provisions related to the
Comparative Analysis Work Program

Required Funding

WWY Work Program	\$45,000
Printing Costs	<u>2,500</u>
Total Required Funding	\$47,500

Funding Sources

Approved Comparative Analysis Budget	\$34,910
Transfer from existing Planning Approvals Budget	590
Transfer from approved Hearing Budget	<u>12,000</u>
Total Available Funding	\$47,500

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 21

Report No. CAO 277/86

Re: Evaluation of Proposal from Clay-Mill Energy from Waste Inc.

RECOMMENDATIONS:

1. THAT Staff conduct a preliminary, internal evaluation of the proposal submitted by Clay-Mill Energy from Waste Inc. and report back at the February, 1987 Solid Waste Management Committee meeting.
2. THAT Staff review the strategy for the implementation of Energy from Waste in Halton that was developed as part of CAO Reports 149/86 and 159/86 and report back at the February, 1987 Solid Waste Management Committee meeting.

APPROVALS
BUS. DEV.
HEALTH
LAW
PERSONNEL
PLANNING "RM"
P.W. "JM"
SOC. SERV.
TREAS. "GS"
DEPT. APPR "SDR"

REPORT:

As part of CAO Report 260/86, Staff were directed to prepare an interim report containing an outline and timeframe for the evaluation of the proposal received from Clay-Mill Energy from Waste Inc. In reviewing this proposal and attempting to determine the resources and timing required for its evaluation, it became apparent that a number of issues needed to be addressed before the approach to the evaluation could be determined. In order for Halton to proceed any further with this proposal, it would be necessary to assess the financial implications including a review of the financial viability for the Corporation. In addition, the future potential risks related to the extent of the guarantees required from Halton in this type of contractual agreement, would have to be thoroughly evaluated.

Another issue involved the need for Halton to preserve its competitive bidding process. In a project such as this, a formal proposal call will ensure that a competent and experienced management team will be involved in the project.

It will also help to ensure that Halton gets the best financial deal possible and that the technology that is selected is reliable. As the proposed energy customer, Ontario Hydro, will purchase electricity from any small producer, it is not necessary that Halton limit itself to proceeding with just Clay-Mill Inc. Therefore, it is recommended that no commitment be made to exempt Clay-Mill from a competitive bidding process.

Another issue raised related to the Environmental Assessment Process. Given Halton's commitment to comply with the requirements of the E.A. in respect to an E.F.W. undertaking, a clear strategy must be developed. This type of well-defined strategy is necessary to provide a rational and logical direction, and to ensure that all the requirements of the Environmental Assessment Act are met in a comprehensive and logical way.

Another issue to be considered is the availability of resources within the Public Works Department. Staff from the Waste Management Division are currently committed to the implementation of Interim Waste Plan No. 5, expansion of the Separation at Source Program, as well as to other ongoing operations. Therefore, they do not feel that sufficient time will be available to undertake this evaluation until January of 1987. As it is recommended that no outside agencies or consultants will be involved in the review, it is felt that Public Works can coordinate this exercise and obtain the necessary responses from the Planning, Law and Finance Departments for the February SWMC meeting.

The last issue involved the relationship between the evaluation of this proposal and the strategy for proceeding with Energy From Waste that was developed in May of 1986, after completion of SWAC's Final Report. At that time, Staff were instructed to work with Beak Consultants Limited to develop a proposal for updating Halton's EFW site selection process. This proposal was to involve consideration of all seven transformer stations as well as inter-Regional projects. At the time the strategy was developed, it was envisaged that a single site for an electricity producing EFW plant would be identified using a preliminary study and only some of the criteria that would have to be considered as part of the Environmental Assessment Act. A proposal call would

then follow. " It is now felt that the identification of a site without a commitment to a particular Energy From Waste Project, or participation by those members of the private sector who are selected or who wish to participate in the actual construction or financing of any such undertaking, could result in numerous problems throughout the process. As a result, Staff have asked for another opportunity to assess the direction that should be pursued with regards to the implementation of EFW in Halton. Until this review has been carried out, it is not recommended that the position of Supervisor of Resource Recovery be filled.

Based on the assessment of these issues, it was determined that the evaluation of the Clay-Mill proposal should be considered with the following objectives in mind.

1. Commitment to Energy From Waste

It is imperative that Halton continue its commitment to Energy from Waste as an integral part of its Solid Waste Management Plan. All opportunities for implementation should be fully investigated in a positive manner.

2. Response to Unsolicited EFW Proposals

As with any other unsolicited EFW proposal received from the private sector, Halton should prepare its response in a timely manner. Halton must maintain and encourage the private sector's interest in developing such a project. Accordingly, it is recommended that during the next three months Staff conduct an internal review of the proposal. This evaluation, coordinated by the Public Works Department, would be undertaken in such a manner that Clay-Mill Energy from Waste, Inc. would be given a clear indication of some of the modifications to the proposal that would be required to make it acceptable. It would identify the inaccuracies, shortcomings and areas in which more information would be required. It would also compare how the contents of the proposal relate to the recommendations contained in SWAC's Final Report. As indicated earlier, no external consultants will be required to conduct a preliminary review of this nature.

3. Preserve Competitive Bidding Process

It is not recommended that Halton deviate from its normal competitive bidding process. In a project of this magnitude, it is particularly important that Halton do whatever it can to ensure that it ends up with an environmentally sound, reliable, and cost effective EFW

project. It would not be appropriate to indicate to Clay-Mill that they would somehow be given preferential treatment. Neither the reliability of their technology nor experience of their management team, has been proven. To proceed in a course other than that required by the Purchasing By-Law, would not be in the best interest of Halton.

4. Clear Identification of Requirements for Acceptable Proposal

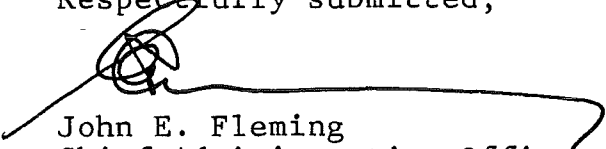
Prior to Clay-Mill or any other proponent investing a substantial amount of time in putting together a proposal, it is felt that Halton should ensure that its requirements are clearly identified. In this manner, the number of options that will have to be considered by the proponent will be minimized. In addition, the fact that all bidders will be submitting their proposals on an equal basis, will make evaluation much easier. In this regard, it is recommended that once an EFW implementation schedule has been established, the Public Works Department should coordinate the development of a framework for a proposal call. Plant size, financial commitment, ownership options, technology requirements, and contractual arrangements should all be identified before a proposal call is initiated.

5. Landfill Consolidated Hearing

Upon completion of the upcoming Landfill Consolidated Hearing, Halton will have a better idea of its available longterm resources and landfill capacity. In light of this, and similar work currently being undertaken by the Region of Peel, in the near future there will be considerable additional information available to assist Halton in identifying the requirements for a successful Energy from Waste project. Council is reminded that the policy on Energy From Waste states that a plant would not be operational until 1996. Although significant lead time is required, there is still some flexibility remaining in the schedule.

In considering the approach and timeframe involved in the evaluation of this proposal, it is evident that there is a need to further update the strategy and process for implementing Energy From Waste in Halton. At this time, a site selection study appears premature, and could possibly prejudice the viability of a specific Energy From Waste project if the particular project or projects is not clearly identified in advance. In addition, it seems appropriate that the approach to be followed under the Environmental Assessment Act should first be clearly defined. Staff have made a commitment to conduct this review in the very near future. Once this has been done, suggested adjustments to the process and strategy will be brought to Council's attention. This information will be available for discussion at the same time as the results of the evaluation of the Clay-Mill proposal.

Respectfully submitted,



John E. Fleming
Chief Administrative Officer

VH:jmb

