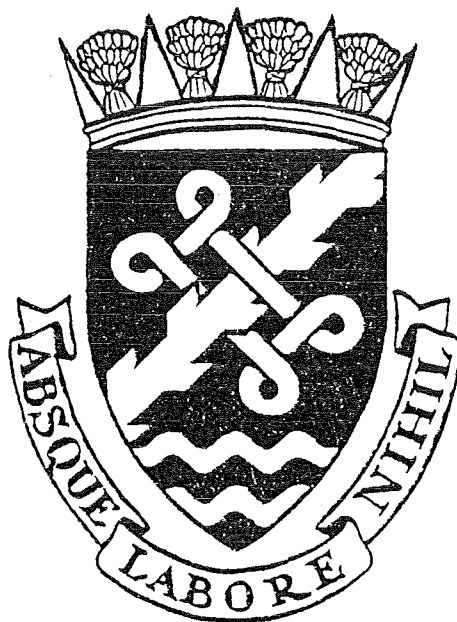


THE REGIONAL MUNICIPALITY OF HALTON



Solid Waste Management Committee

Agenda

AUGUST 10, 1983

THE REGIONAL MUNICIPALITY OF HALTON

MEETING NO: 11-83

NAME OF SUB-COMMITTEE:

SOLID WASTE MANAGEMENT

DATE OF MEETING:

Wednesday, August 10, 1983
11:00 a. m. (approximately)
(following Planning & Public Works)

PLACE OF MEETING:

Committee Room No: 1
Regional Administration Bldg.
Oakville, Ontario

A G E N D A

ITEM NO.

PAGE NOS.

DISCLOSURES OF CONFLICT OF INTEREST

DELEGATIONS - Presentation by

- Mr. Glen Douglas, Stablex Corp.,
on their handling of Industrial Waste.

DAY TO DAY

- | | | |
|----|---|---------|
| 1. | PW. Report No: 161/83 re: Source Separation in Halton, Our File: PR-589-6. | 1 - 5 |
| 2. | PW. Report No: 155/83 re: Regional Landfill Site, Burlington, Capacity Update - Our File: SWM-GENERAL-04. | 6 - 11 |
| 3. | C.A.O. Report No: 252/83 re: Work Program for the Exploration of Energy from Waste Options in Halton. | 12 - 24 |
| 4. | C.A.O. Report No: 250/83 re: Past Correspondence - Interim Waste Disposal Plan - MOE and Region. | 25 - 45 |

SOLID WASTE MANAGEMENT COMMITTEE MEETING NO: 11-83
Wednesday, August 10, 1983

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ITEM NO.

PAGE NOS.

5. C. A. O. Report No: 251/83 re: National
Sewer Pipe Proposal - Landfill - Highway
403 West/King Road, Burlington - Regional
Request to Cabinet to Designate Proposal
Under Environmental Assessment Act.

46 - 59

6. Other Business

Adjournment

* * * * *

REGIONAL MUNICIPALITY OF HALTON

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

From The Director of Public Works

Date 1983 08 04

Report No. PW.161/83

Re SOURCE SEPARATION IN HALTON, OUR FILE: PR-589-6

RECOMMENDATION

THAT the April 1, 1981 ban on old newsprint called for in Regional By-Law #115/81 be further deferred for municipal curb side collection of newsprint from the Town of Milton for a period of two (2) months from September 1, 1983 to November 1, 1983 at which time it will be reviewed by the Solid Waste Management Committee.

REPORT

Town of Milton

Our Source Separation Report PW.75/83 recommended deferral of the ban for municipal curb side collection of newsprint from the Town of Milton for a period of 4 months from May 1, 1983 to September 1, 1983.

The Town will not be able to start curb side collection by September 1, 1983, however, Town staff advise that a combined depot/curb side "Separation at Source" program to collect newsprint and glass will be in operation later this year, hopefully sometime in the fall.

At the present time, the Town runs a depot system consisting of depots in the Milton Mall and White Oaks Plaza for newsprint and glass. The depots are serviced by Halton's Recycled Resources and are being well used, particularly the one in the Milton Mall.

Additional depots will be placed in the areas of Campbellville, Brookville and Eden Mills by September 1, 1983, after which the operations of SPIN (Stop Pollution In Nassagewya) will phase out. SPIN is a volunteer group that has been active for many years in the collection of newsprint, glass and tin for recycling.

Town staff further advise that they will be inviting proposals for the curb side pick up of newsprint and glass

in August so that a "Separation at Source" program can be presented to Town Council for consideration in September. The depots will continue to operate after the curb side program goes into effect.

Quantities collected from the depots this year are:

	<u>Newsprint</u>	<u>Glass</u>
January-June	24.1 tons	0.3 tons

Town of Halton Hills

Halton Hills continues to operate the "Divide and Conquer" program for the curb side pick up of old newsprint, glass and metal in the urban areas of Acton and Georgetown. Halton's Recycled Resources markets the newsprint. The Town looks after the marketing the glass and metal.

In spite of recent substantial losses, the Town is committed to carrying the program on. At the present time, collection of the separated materials is looked after by Town forces. Consideration is being given to contracting the collection out and a decision in this regard is expected by year end. In the meantime, the Town has leased a new truck for the collection work.

Town staff advise that the following quantities have been collected for the first six months of this year:

	<u>Newsprint</u>	<u>Glass</u>	<u>Metal</u>
January-June	206.2 tons	50.0 tons	19.4 tons

Town of Oakville

Oakville commenced the collection of old newsprint and glass on May 2, 1983. Halton's Recycled Resources were retained by the Town to provide curb side collection on a weekly basis and the materials collected are marketed by them. The start up of the program was fully publicized and the Town has maintained momentum by providing ongoing information and publicity. The M.O.E.'s "I'm a Good Sort" promotional material has been used.

The program covers approximately 19,500 waste generating households (townhouses and apartments are not included). Town staff report that the collections to date have been very gratifying. The following quantities were collected up to the end of June:

	<u>Newsprint</u>	<u>Glass</u>	<u>Participation Rate</u>	<u>Reduction in Town Collected Res. Waste</u>
May-June	218.0 tons	32.4 tons	13.7%	6.5%

Town staff further report the July results are even better than May and June, that the participation rate has risen to 16% and the waste stream reduction was 7.5% in July.

The separated quantities represent 2.5-3% of all waste generated in the Town including residential, commercial and industrial waste. It equates to an approximate 1% reduction in total waste in the Region.

City of Burlington

Burlington, along with Halton Hills, has been active in source separation for a number of years now. On May 2, 1983, Burlington commenced the curb side pick up of glass in addition to old newsprint. Halton's Recycled Resources has the collection rights to the separated materials.

The Burlington program continues to produce effective results. Up to now the City has publicized the program extensively through the media. In addition, a flyer will be sent out in the near future (probably by September) to all homes in the City which will use M.O.E. "Good Sort" material to promote the program and provide information. The cost of the flyer will be financed 50% by the M.O.E. in the amount of \$3,750.

Just recently, the recycling Support Council comprised of Alcan, Twinpak, Ontario Paper Company and the Glass Container Council of Canada, representing Consumer Glass and Dom Glass, chose Halton's Recycled Resources as its' contractor for a pilot project in the Aldershot area of Burlington. With the City's approval, Halton's Recycled Resources started on July 4, 1983 to collect three fractions, (newsprint, glass and metal) from the approximate 400 homes in the pilot area using special containers for people to place their materials in. The containers were provided by the Support Council and their effectiveness is closely monitored. The quantities collected in July were not available at the time of this report, however, Halton's Recycled Resources report that the participation rate in the pilot area is a very impressive 70.7% i.e., almost 71% of the homes in the area are participating at one time or another.

City staff advised that the quantities of newsprint and glass collected in the first six months of this year are as follows:

	<u>Newsprint</u>	<u>Glass</u>
January-June	737 tons	44 tons

Region of Halton

The Region has continued to help co-ordinate the Region-wide source separation activities

Containers are provided by the Region for receipt of clean bundled newsprint at two locations:

- (i) Temporary Transfer Station on Armstrong Avenue in Georgetown.
- (ii) Burlington Landfill Site

The newsprint collected in the containers is delivered F.O.B. Halton's Recycled Resources. Quantities collected during the first six months of year are -- 36.6 tons

Halton's Recycled Resources

Halton's Recycled Resources handles a maximum in the way of separated materials, depending on the markets, including corrugate, fine papers and metal in addition to the newsprint and glass covered by this report.

The people at Halton's Recycled Resources are working hard and are dedicated to maximizing total waste recovery in Halton.

Their efforts continue to be recognized because the Burlington Chamber of Commerce has selected the Company as having contributed significantly to the City in the 1982/83 period and has submitted them for an award from the Ontario Chamber of Commerce.

Largely through Halton's Recycled Resources efforts, and thanks in no small part to the agreement they have with the M.O.E. and the operating grant received from the M.O.E., the waste going to our landfill has reduced this year compared to the same period a year ago. Since the early part of this year, Halton's Recycled Resources have aggressively pursued expanding the source separation program, particularly in the City of Burlington and the Town of Oakville. As noted earlier in this report, they started the curb side collection of newsprint and glass in the Town of Oakville on May 2, the collection of an additional fraction in the form of glass was started in Burlington on May 2, and a pilot project was started on July 4 for the Recycling Support Council to collect old newsprint, glass and metal in special recycling containers which are provided by the Support Council for the use of residents in the area. In addition, the feasibility of placing a glass container at the landfill site is currently being investigated.

The separated materials are being taken to the following markets:

Newsprint -- Ontario Paper Co. in Thorold, Stathcona and Burlington
-- Mills Paper Fibres in Hamilton
-- Genor in Brantford
-- Kord Products in Burlington

Glass -- Consumers Glass in Milton,

Metal -- Metal Recovery Industries in Hamilton (food cans)
-- Stelco in Hamilton (pop cans)

For comparison purposes, Halton's Recycled Resources report that the quantities of newsprint and glass collected from all sources in the Region during the first six months of 1983, and the first six months in 1982 are:

	<u>Newsprint</u>	<u>Glass</u>
1983	1222 tons	77 tons
1982	525 tons	NIL

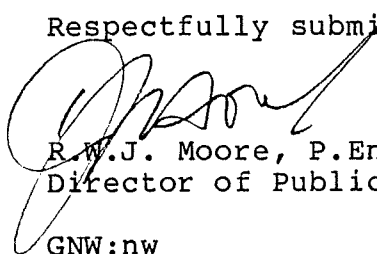
Conclusion

With the recent upturn in markets and the dedicated efforts of all concerned, there have been substantial increases in the quantities of source separated materials this year compared to just one year ago.

All municipalities in the Region except Milton now have curb side collection programs on the go, and Milton continues to take positive steps towards the implementation of a curb side program.

We are disappointed that Milton has not yet been able to start curb side collections in the urban area of Town, however in view of the progress that they are making towards the implementation of a combined depot/curb side pick up program, we are satisfied to recommend a further short term deferral of the newsprint ban from September 1 to November 1, 1983.

Respectfully submitted,


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

GNW:nw

APPROVED BY C.A.O.

REGIONAL MUNICIPALITY OF HALTON

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

From The Director of Public Works

Date 1983 08 04

Report No. PW. 155/83

Re REGIONAL LANDFILL SITE, BURLINGTON, CAPACITY UPDATE
OUR FILE: SWM-GENERAL-04

RECOMMENDATION

1. THAT Public Works Report PW.155/83 re Regional Landfill Site, Burlington, Capacity Update, be received for information.
2. THAT Public Works staff continue to monitor the remaining capacity at the Burlington Landfill Site and report back to Committee in six months time.

REPORT

The most recent capacity update, prepared for us by M.M. Dillon Limited, indicates that our sanitary landfill site in Burlington will be filled to capacity sometime during the period June-August 1984, just about a year from now. This information was reflected in the Dillon report on possible continued use of the Burlington site that went to Regional Council on July 20, 1983.

Our landfill capacity has been monitored for a number of years now by means of a computer program using information derived from our records and from aerial photographs. The services of M.M. Dillon have been retained throughout to analyze the program data and report on the capacity remaining to approved contours. The reports have been based on aerial photographs taken on September 25, 1980, November 7, 1981, April 15, 1982, October 30, 1982 and April 29, 1983. A copy of Dillon's most recent report dated June 27, 1983 based on the April 29 photography is attached hereto.

In earlier reports, Dillon had predicted a closing date of April/May 1984, based on a rate of landfilling 15,000 tonnes/month. However, during the first four months of this year, actual quantities of wastes landfilled have dropped by 18% over the same period last year. This lower than predicted landfilling rate is expected to carry through to the end of the year into next year and Dillon has accordingly adjusted the landfilling rate down to 13,000 tonnes/month with resultant longer site life. With such a reduced landfilling rate, the existing approved contours would not be reached until August of 1984.

Dillon's earlier reports had identified a potential 61,580 m³ cover material shortfall and you will note that this is now down to 10,740 m³. A substantial amount of clean, free of charge, fill has come into the site in recent months from construction activity in the area and it is continuing to come in at a good rate, so much so that it should not be necessary to have to purchase any material for cover.

*no need
to
purchase
covering
material*

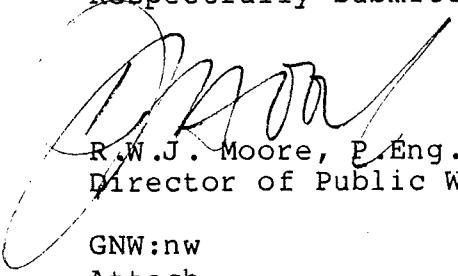
It is difficult to come up with specific reasons for the large reduction in waste quantities. It is very likely due to a combination of the following things:

1. The recent economic downturn has resulted in reduced business activity with associated decrease in waste.
2. A larger more comprehensive source separation program has taken more quantities of newsprint, fine papers, corrugate and glass from the waste stream.
3. The closure of our site in Oakville with attendant longer haul distances to the Burlington landfill may be doing two things:
 - a) Businesses in the east part of the Region are taking a closer look at what they throw out and are re-using and/or recycling to a greater degree because of the higher transportation costs for waste disposal.
 - b) Because of longer transportation distances to the Burlington Landfill Site some of the waste in the easterly part of the Region possibly is being disposed of outside the Region. However, we have contacted the Region of Peel and they have indicated they are not experiencing any increase in waste being disposed of at their sites.

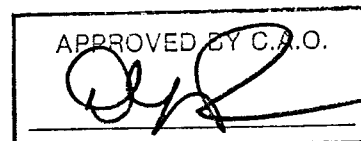
*would
this
also
be the
result of
accidental
use?*

In accordance with the recommendation of C.A.O. Report 219/83 dated 1983 07 08, the Region is considering an interim waste disposal plan involving the continued use of the Burlington Landfill Site beyond its present capacity and this will be the subject of a future report once comments are received from the Area Municipalities, neighbours and the public meeting.

Respectfully submitted,


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

GNW:nw
Attach.



RECEIVED

28 JUN 1983

DILLON
Consulting Engineers & Planners

HALTON REGION
PUBLIC WORKS

OUR FILE: 9100-51-4
YOUR FILE:

27 June 1983

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

Attention: Mr. G. Woodburn, P.Eng.
Manager, Waste Disposal

Burlington Landfill Capacity
Update

Dear Sirs:

We are pleased to provide, the latest site capacity update and volume utilization calculations for the Burlington Landfill. The study data, based on 30 October 1982 and 29 April 1983 photography, was produced by Northway-Gestalt and analyzed by Dillon. Operating results during this period were:

Refuse density achieved	520 kg/m ³
Refuse to cover ratio	10:1
Estimated site closure	Earliest: June 1984 Latest: August 1984
Future cover material required	10,740 m ³

Outlines of the calculations undertaken are attached.

The lower than expected refuse density and high refuse to cover ratio are probably due to an underestimation of imported fill (cover material). Accurate records of incoming cover material have not been available. Therefore, estimates only have been used in the capacity update program. It is suggested that the Region upgrade site records to improve the accuracy of these calculations.

continued...

DILLON

The Regional Municipality
of Halton

- 2 -

27 June 1983

The refuse density calculated is lower than what might be expected for the type of operation undertaken. In order to assure the best estimate of capacity and life remaining we have used a waste density based on data averaged from previous capacity updates.

The refuse to cover ratio calculated in this update was 10:1. To use this ratio in the capacity calculations, we suggest, would give a false picture of actual capacity. The average ratio of previous updates was 6:1. Traditionally our calculations have been based on a 4:1 ratio. In order to provide a conservative estimate of future cover material requirements, we have continued with the 4:1 ratio for these calculations.

The site closure date in our prior estimates was April/May 1984. The calculation of the closure date was based on waste quantity estimates expected in 1983. The Region originally predicted that 15,000 tonnes/month would be received. Site records for the first four months of 1983, however, indicate that only 13,000 tonnes/month on average are actually being received. We have therefore provided calculations based on the original waste quantity estimate and the revised estimate. The earliest expected closure dated based on 15,000 tonnes/month is June 1984. The latest closing date based on 13,000 tonnes/month is August 1984.

We would be pleased to respond to any questions.

Yours truly,

M.M. DILLON LIMITED

W. F. Wells

WFW:w1

W.F. Wells, P.Eng.
Project Manager

A. BURLINGTON LANDFILL

16 June 1983

A.1 Volume Utilization

Total Volume used between photos

128,080 m³

Net Fill Used:

i)	fill excavated at site (No excavation carried out between photo dates)	0 m ³	
ii)	from previous stockpiles	7,890 m ³	
iii)	fill, including kiln dust, trucked in (less 25% for on-site compaction)	13,140 m ³	
iv)	less fill left in stockpiles	(7,280 m ³)	
	Gross Fill Used	13,750 m ³	
	Less 15% for losses (Infilling of refuse voids etc.)	(2,063 m ³)	
	Total Net Fill Used	11,690 m ³	(11,690 m ³)

REFUSE VOLUME.....116,390 m³

Waste Received at Site = 60,617 tonnes

Density Achieved = 520 kg/m³

A.2 Refuse: Cover Ratio

From A.1, Fill used for Intermediate and
Daily Cover (No final cover placed in
photo areas studies)

11,690 m³

. . 116,390 m³ Refuse: 11,690 m³ Fill

OR 10:1 Refuse to Cover

A.3 Remaining Capacity

Volume remaining to final contours (includes future excavation)	428,020 m ³
Less 0.6 m final cover	<u>(51,000 m³)</u>
Refuse, intermediate and daily cover	377,020 m ³
Less Cover at 4:1 refuse to cover ratio	<u>(75,400 m³)</u>
Refuse Volume Available	301,620 m ³
Refuse tonnage capacity (assuming 700 kg/m ³ density)	211,130 tonnes
Average rate of fill (assumed constant)	15,000 <u>tonnes</u> month
Remaining Operation Life	14 months

Estimated Site Closure - June 1984

If waste quantities are reduced to 13,100 tonnes/month, the site closure date would become August 1984.

A.4 Future Fill Required

Final Cover at 0.6 m	51,000 m ³
Intermediate and daily cover (4:1 refuse to cover ratio)	75,400 m ³
Less Fill available in current stockpiles (not including Phase II's topsoil stockpile)	<u>(7,280 m³)</u>
Total Fill Required	119,120 m ³

Fill available from future Phase II excavations (including 15% bulking factor) amounts to 108,380 m³, producing a net fill deficit.

$$\underline{\text{Future Fill Required} = 10,730 \text{ m}^3}$$

THE REGIONAL MUNICIPALITY OF HALTON

Report to Solid Waste Management Committee

From Dennis Y. Perlin, C.A.O.

Date 1983 08 10

Report No CAO 252/83

Re: WORK PROGRAM FOR THE EXPLORATION OF ENERGY FROM
WASTE OPTIONS IN HALTON

RECOMMENDATION:

1. THAT the work program relating to the exploration of energy from waste options in Halton attached to CAO 252/83 be approved;
2. THAT the funding for the completion of the required work be from the Resource Utilization Facility Reserve Fund; and
3. THAT approval be given to hire an Energy from Waste Feasibility Project Officer on a six month contract, renewable for a further six months if required.

REPORT:

Based largely upon information presented in the Waste Needs and Systems Analysis Report prepared by Walker Wright Young Associates Ltd., CAO Report 184/83 recommended (and Council subsequently approved) that a staff Task Force be appointed to proceed with a detailed exploration of the Energy from Waste Options in Halton; that the Task Force utilize the resources (manpower, financial and otherwise) of the Ministry of Energy; and that the Task Force report back to Committee setting out a proposed work plan and timetable for the detailed exploration. The information in this report addresses these recommendations.

Structure of Task Force

The following outlines the proposed structure of the group which will prepare the Energy from Waste report:

Project Manager - Dennis Perlin, C.A.O.
Project Co-Ordinator - David Birkett, Finance Dept.

Project Officer	- to be considered under Recommendation 3 to this report
Task Force Members	- George Woodburn, Public Works - Paul Attack, Planning Dept.

In addition, other staff resource persons would be used as required.

Work Program

The attached work program details tasks which must be completed in assessing the energy from waste options for Halton. In summary, this work program involves several phases:

1. Market Phase

This involves the identification of potential energy from waste users within the Region, and establishes the particular needs of these potential customers.

2. Feasibility Phase

Preliminary

This involves investigating the technical, environmental and financial considerations of an energy from waste facility(ies) given the requirements of customers identified in the Market Phase.

Detailed

Assuming that the preliminary analysis indicates that energy from waste is feasible, the detailed analysis would involve approaching equipment suppliers to prepare proposals for the construction of energy from waste facility(ies). Also included in this phase of the work program are detailed environmental and financial investigations.

In order to ensure that the work currently being prepared by Walker Wright is to proceed on schedule, it will be necessary that information on the feasibility of energy from waste be available by July 1984. With this in mind, the schedule included in the attached work program provides for the completion of the preliminary feasibility phase by this required date. Given the work which is involved, this is an extremely tight schedule.

Project Officer Position

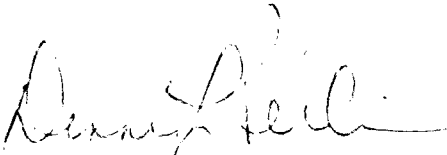
In light of the considerable amount of documentation, co-ordination, and analysis which is required within the next year to meet the Walker Wright Young deadline, and in light of the significant commitment of Task Force members to other required activities, it is recommended that the position of a Project Officer be approved. The Project Officer would report to the Task Force Co-Ordinator and would work exclusively on matters related to the investigation of energy from waste options. Indications from the Ministry of Energy are that partial funding for this position may be available. It is suggested that this position be on a six month basis at the end of which time the need for a further six month renewal will be evaluated. It is envisaged that if no market for energy is found following the market phase, there would be no need for the feasibility stage and the second six month contract would not be considered. The salary for such an Officer would not be greater than \$20,000 per year or \$10,000 for six months.

Funding for the Work Program

It is recommended that funding for tasks to be undertaken in the investigation of energy from waste options be from the reserve fund created for this purpose, specifically the Resource Utilization Facility Reserve Fund. Contributions to this reserve fund have been made via the \$100 per unit special capital contribution intended to finance such investigations.

As of June 1983, the balance in this reserve fund was \$310,000. This figure includes \$30,000 approved in the 1983 Solid Waste budget to finance RUF studies undertaken during 1983.

Respectfully submitted,



Dennis Y. Perlin
Chief Administrative Officer

DB/pd

EXPLORATION OF ENERGY FROM WASTE OPTIONS IN HALTON

- WORK PROGRAM -

The preliminary analysis of alternative waste disposal options has now been completed as part of the environmental assessment for the landfill component of Halton's solid waste disposal strategy. The results of this analysis indicate that energy from waste may be able to provide a viable alternative to 100% land-filling and to this end, staff has been instructed to investigate in detail the feasibility of building such a plant or plants in Halton. The work plan which follows details how this feasibility report will be prepared.

The timetable for submission by Walker Wright of the draft environmental assessment document for the landfill component is July 1984. It will be necessary at that time to provide information to answer the question of whether an energy from waste component to the solid waste disposal strategy is feasible and if so, what portion of the total waste stream can be channelled to energy from waste.

Work to determine the feasibility for the Halton energy from waste component of solid waste disposal will be undertaken in two major phases

1. Marketing
2. Feasibility Analysis

The purpose of the marketing phase will be to identify potential energy users within the Region. Should suitable users be found, a two step feasibility would ensue, first to determine the most appropriate type of facility or facilities to service the identified users and also to undertake preliminary environmental and financial analysis. When plant specifications have been prepared, the second step would be a detailed feasibility assessment to prepare designs and engineering specifications for a plant or plants. Following this process, a detailed environmental and financial analysis would be undertaken to examine the viability of the project. At this point, recommendations would be forthcoming.

It is anticipated that by July 1984, work would have progressed to the end of the feasibility study, and information would then be available as input into the preparation of the draft environmental assessment document for the landfill component. The preparation of engineering specifications and the detailed environmental and financial analysis would not commence until the fall of 1984 (after July 1984).

MARKETING PHASE

One of the principal reasons the preliminary analysis undertaken by Walker Wright indicated that an energy from waste component could be viable was on the cost basis. Further, the Walker Wright report indicated that to be acceptable on a cost basis, it was imperative that an assured revenue from the sale of energy be available to defray the significant capital and operating costs associated with the facility. On this basis, it has been concluded that the preparation of a report on an energy from waste plant in Halton can only be considered at this time based on the needs of potential customers who are now established or would be established to purchase energy immediately upon completion of the facility.

A crucial exercise in the preparation of the feasibility report is the identification of potential energy customers. It is premature to undertake any detailed analysis until these customers have been identified. To this end, a two step marketing phase is proposed.

1.1 Marketing Phase - Step One:

The first step of the Marketing Phase would involve identifying all potential energy users within the Region. Many of these potential customers would emerge as the result of the analysis of a questionnaire to be broadly circulated throughout the Region. However, certain large energy users have already been identified and it is proposed that these users be approached for detailed discussions immediately upon commencing the market phase.

1.1.1. Preparation of Questionnaire

To determine the energy needs of potential customers within the Region, it will be necessary to distribute a questionnaire to a broad range of industries and institutions within the Region and in certain specific cases, to potential customers immediately adjacent to the Region. This questionnaire would be prefaced with a description of the program being undertaken by the Region and how the respondent might benefit from participation in the program. The questionnaire itself would identify those respondents expressing interest in participating and would provide sufficient information to allow staff to assess the viability of the potential user in light of technical and other essential criteria.

1.1.2. Preparation of Criteria for Questionnaire Evaluation

Concurrent with the distribution of the questionnaire, staff would undertake to establish certain criteria for assessing the viability of potential energy customers who

What about obtaining info on industries surrounding building plant in Halton?

will express interest in participating in the program. Such criteria would include a minimum energy use requirement consistent with available technology and possibly such considerations as land use problems likely to occur if a plant is sited adjacent to a particular potential customer.

1.1.3 Assessment of Questionnaire Responses

Based upon the criteria established under work item 1.1.2 above, the questionnaire will be assessed, information contained therein will be documented, and a "short list" of potential customers will be compiled. (All respondents to the questionnaire will be contacted to inform them as to whether they are on the "short list").

1.2 Market Phase - Step Two

1.2.1 Development of Strategy for Detailed Discussion

During the time when the questionnaire responses are being collected, staff will prepare a strategy for approaching potential customers on the "short list". This strategy will include:

- a) selection of a discussion team
- b) development of an approach to convey the Region's position on energy from waste and to sell the concept to potential customers
- c) undertake negotiations with those "short list" customers who show continued interest through the discussion stage.

1.2.2. Discussions with "Short List" Customers

This will involve approaching customers identified as potential users from analysis of the questionnaire. The suggested approach is by interview(s) with senior officials to discuss in detail the feasibility of installing energy from waste facilities to serve these user's needs, and to determine their level of interest and support.

1.2.3. Negotiations with Most Likely Users

Following the interview of "short list" customers, it is anticipated that one or more customers will be sufficiently interested that a commitment to energy from waste could be anticipated. This may be in the form of a financial participation in the costs of the feasibility studies to be undertaken, and may even result in a preliminary commitment for the purchase of energy from a Halton facility.

1.2.4. Recommendations from Market Phase

Should a suitable energy customer or customers emerge from the market phase, the recommendation would be to proceed with a feasibility study on an energy from waste facility (see following work items). However, should no suitable customer emerge, it will be necessary to assess at that time the long-term strategy which could be pursued to create a market for energy from waste. Without a customer, no immediate plans for a facility can be contemplated and therefore no detailed feasibility would be required. Further work would be restricted only to long-term energy from waste plans.

Personnel Needs for the Market Phase

It is anticipated that all work required during the market phase can be completed by Regional staff with assistance from staff of the Provincial Ministries of Energy and Environment. Regional staff will require additional assistance via contract personnel to co-ordinate, compile and analyze the questionnaire material.

FEASIBILITY PHASE

2.1 Preliminary Feasibility Assessment

2.1.1. Technical Feasibility

Information collected in the market phase will provide an energy profile of potential users. From this information, it is anticipated that a technical feasibility study will be prepared to examine the most appropriate type of facility or facilities for energy from waste in Halton.

The technical feasibility study will provide two needed pieces of information

- a) it will establish the parameters upon which a plant design(s) can be prepared; and
- b) it will provide preliminary estimates of the cost related to the energy production of the plant(s).

2.1.2 Environmental Investigation

Concurrent with work being proposed on the technical feasibility will be environmental investigations on sites identified adjacent to potential energy users.

This environmental work will be necessary to satisfy the various approvals required to obtain a permit to build an energy from waste plant.

Certain environmental work will not be completed at this stage, specifically work which is unique to the type of facility proposed (e.g. air emissions). This work will be completed when more detailed plan design specifications become available. (see work item 2.2.2)

2.1.3 Financial Analysis of Plant Feasibility

Information prepared in the technical feasibility study (work item 2.1.1) will, among other things, provide the basis for a preliminary financial analysis of the technology being proposed. From this information, an indication of the viability of the project can be established and whether or not it will be possible to provide energy in accordance with commitments established under preliminary agreements (see item 1.2.4).

2.1.4 Recommendations from Preliminary Feasibility Assessment

Based upon the technical, environmental, and financial information collected in the preceding three work items, it will be possible at this time to make certain recommendations regarding the feasibility of energy from waste in Halton. This information, expected to be available by July 1984, will serve as an input to determine the size of the landfill component required in the solid waste disposal system. In addition, should the preliminary feasibility assessment establish that energy from waste is viable, this will lead to detailed, technical, environmental and financial investigations, and consideration of the question of ownership of the facility.

Personnel Needs for Preliminary Feasibility Assessment

The technical feasibility and environmental work undertaken will be primarily the work of outside consultants. However, staff will undertake the project management. From work undertaken elsewhere in the province, a very preliminary cost estimate for the technical analysis is between \$50,000 and \$200,000 depending on the number of plant types which must be assessed. This is the gross cost, with 50% Provincial funding available. The Provincial funding would be available only after the Region and the Province have signed a mutually acceptable cost sharing agreement. No estimate can be made at this time on the cost of the environmental work which will be required.

It is anticipated that the financial analysis can be undertaken "in house" with the assistance of contract personnel and significant input from Ministry of Energy financial staff.

2.2 Detailed Feasibility Assessment

The preliminary technical feasibility analysis will provide information about the most appropriate type of plant or plants for energy from waste in Halton. Based on this information, detailed proposals for construction will be invited. The results of the proposals will be detailed engineering specifications as well as cost estimates and possible financing proposals.

2.2.1. Proposal for Plant Construction

- a) The preliminary technical feasibility analysis will provide information about the most appropriate type of plant or plants for energy from waste in Halton. From this information, detailed specifications will be prepared.
- b) Based upon these detailed specifications proposals for the construction of a plant or plants will be invited. The results of the proposals will be detailed engineering specifications as well as cost estimates and possible financing proposals.

2.2.2. Detailed Environmental Investigations

Any further environment investigations, based upon the specifications of the facility or facilities identified from the proposal for plant construction, will be undertaken at this time.

2.2.3 Detailed Financial Analysis

A final analysis of the financial viability of energy from waste in Halton will be undertaken at this time, based upon information provided in the plant construction proposal.

2.2.4. Final Recommendations

Based on all work done to date, final recommendations on the inclusion of energy from waste in the total solid waste disposal plan will be made at this time. A positive recommendation would lead the way for seeking the necessary approvals to begin construction on the facility or facilities.

Personnel Needs for Detailed Feasibility Assessment

The proposal for plant construction would most likely involve a request by the Region to several large manufacturers that they prepare a comprehensive submission. This may involve a payment to those asked to prepare proposals. Provincial funding for these proposal calls is possible and will be fully investigated.

The detailed environmental work would be undertaken mostly by an outside consultant, possibly as an extension of work done by the same group responsible for the preliminary work. The detailed financial analysis would be done "in house" using the same contract personnel used for the preliminary analysis and further input from Ministry of Energy staff.

PUBLIC INVOLVEMENT

It will be necessary to have a significant amount of public involvement in all steps of the energy from waste evaluation process. With this in mind, the following provisions are suggested:

1. A mailing list should be prepared of potentially interested individuals or groups;
2. A mail-out of the finalized work program should be made with a request for comments;
3. A mail-out of the criteria for the questionnaire evaluation should be made with a request for comments (see work item 1.1.2);
4. A public meeting should be held after the marketing phase and before the preliminary feasibility assessment. If no market had been found, this would provide the opportunity to relate the long-term plans of energy from waste in the Region. If a market or markets have been found, this would afford the opportunity to present the basis for the technical, environmental and financial work which would be undertaken in the preliminary feasibility assessment phase;
5. Information contained in a draft report of the findings of the preliminary feasibility assessment should be circulated for public comment before this report is finalized; and
6. The results of the proposals for plant construction, and detailed financial and environmental investigations should be made public prior to the submission of final recommendations on the inclusion of energy from waste in the solid waste disposal program.

WORK PROGRAM - HALTON ENERGY FROM WASTE FEASIBILITY STUDY

Preparation and Approval of Work Program

1.0 Market Phase

1.1 Market Phase - Step One

- 1.1.1. Prepare Questionnaire
- 1.1.2. Criteria for Questionnaire Evaluation
- 1.1.3. Assessment of Questionnaire Responses

1.2 Market Phase - Step Two

- 1.2.1. Strategy for Detailed Discussions
- 1.2.2. Discussions with Short-List Customers
- 1.2.3. Negotiations with Most Likely Customers
- 1.2.3. Recommendations from Market Phase

2.0 Feasibility Phase

2.1 Preliminary Feasibility Assessment

- 2.1.1. Technical Feasibility
 - 2.1.1.1 Terms of Reference
 - 2.1.1.2 Proposal Call for Consultants
 - 2.1.1.3 Consultant Selection and Work Undertaken
 - 2.1.1.4 "In House" Analysis

2.1.2 Environmental Investigation

- 2.1.2.1 Terms of Reference
- 2.1.2.2 Proposal Call for Consultants
- 2.1.2.3 Consultant Selection and Work Undertaken
- 2.1.2.4 "In House" Analysis

2.1.3 Financial Analysis

- 2.1.3.1 Undertake Preliminary Analysis

2.1.4 Recommendations from Preliminary Assessment

2.2 Detailed Feasibility Assessment

2.2.1 Proposal for Plant

- 2.2.1.1 Establish detailed input for proposals
- 2.2.1.2 Select firms and Undertake Work

2.2.2 Detailed Environmental Investigations

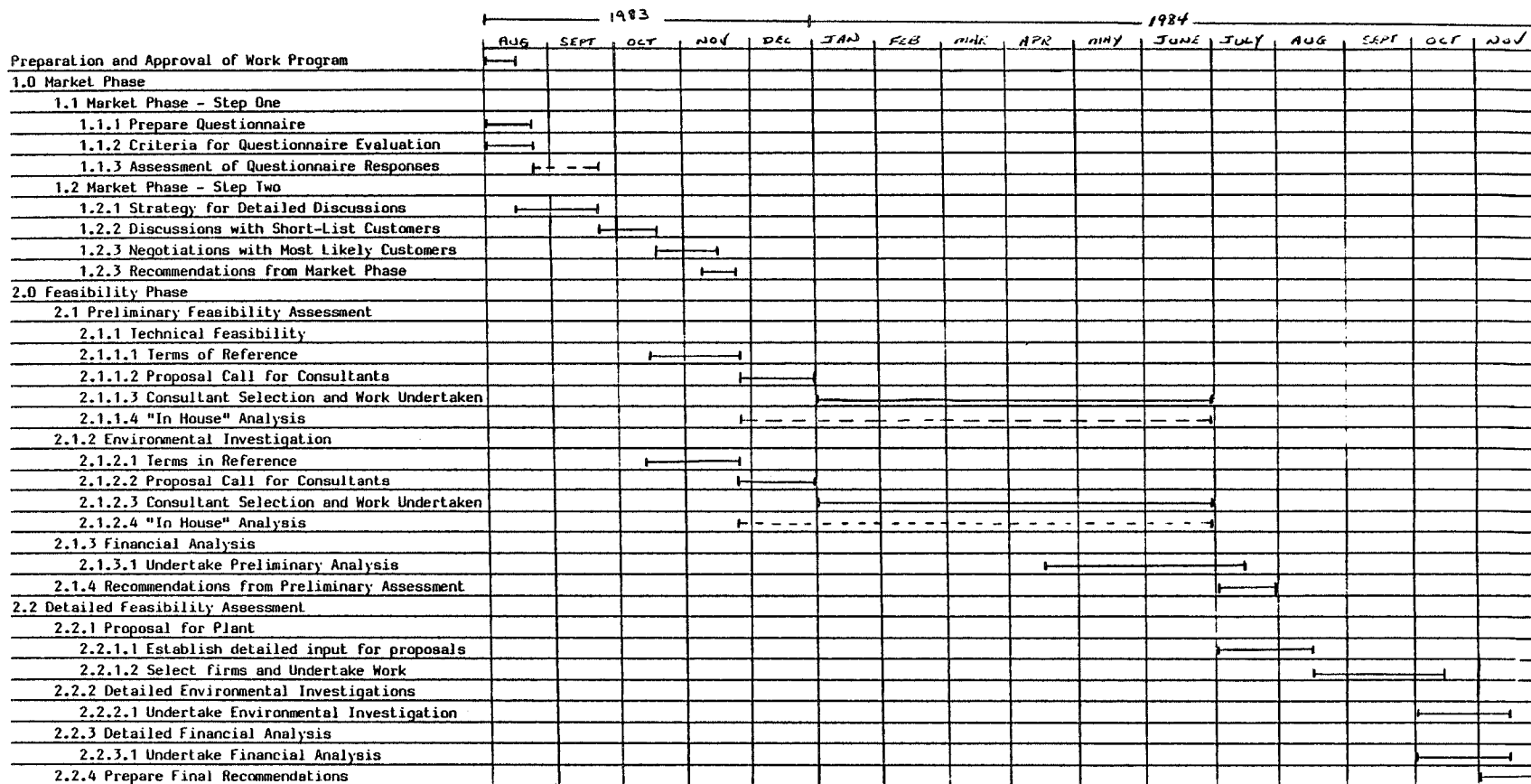
- 2.2.2.1 Undertake Environmental Investigation

2.2.3 Detailed Financial Analysis

- 2.2.3.1 Undertake Financial Analysis

2.2.4 Prepare Final Recommendations

WORK PROGRAM - HALTON ENERGY FROM WASTE FEASIBILITY STUDY



Public Involvement

Information Release Δ

Public Meeting $\blacktriangle$

Intermittent Activity - - - -

THE REGIONAL MUNICIPALITY OF HALTON

Report to Chairman and Members of the
Solid Waste Management Committee

From Dennis Y. Perlin, Chief Administrative Officer

Date 1983 08 05

Report No. C.A.O. Report No. 250/83

Re: Past Correspondence - Interim Waste Disposal Plan
MOE and Region

RECOMMENDATION:

THAT C.A.O. Report #250/83 attaching past correspondence between Ministry of the Environment and Regional staff regarding discussions concerning an Interim Waste Disposal Plan, be received.

REPORT:

At the previous meeting of the Solid Waste Management Committee staff were asked to produce correspondence between Ministry staff and Regional staff regarding an Interim Waste Disposal Plan for Halton.

The correspondence began with a letter "out of the clear blue" dated February 7th, 1983 from the Regional Director for the Central Region of the Ministry of the Environment, Mr. George Mierzynski, P.Eng.

I responded on behalf of the Regional Chairman with a letter dated February 15th, 1983 which was then responded to by Mr. Mierzynski by letter dated March 25th, 1983.

No response was sent to Mr. Mierzynski to his letter of March 25th, 1983 as it was essentially a response to my letter of February 15th, 1983.

The final letter concerning the Interim Waste Disposal Plan that is attached to this report is a report which primarily deals with the National Sewer Pipe Application dated July 5th, 1983 from the former Minister of the Environment, Mr. Keith Norton, although within that letter, for some unknown reason, there is the second last paragraph which reads as follows:

"Before closing, I must remind you of the need to obtain approval for a strategy for managing waste in the interim period between March of 1984 and the date upon which a long term waste solution can be operational. Application for this approval must be made in the immediate future so as to avoid the creation of an emergency situation."

*Prov.
wants
application
now*

*approval for
interim
period*

In order that the correspondence attached can be read in context, it is important to remember that my response of February 15th, 1983 was written before my knowledge of the concrete proposal from Garden City Disposals in St. Catharines regarding the energy from waste export option; in early February of this year the only interim option that we, as staff, could see as practical within Halton because of the environmental assessment of the landfill component then and now underway in Halton, for all of Halton, was the continuation of an existing facility.

After the February date, particularly when the letter of March 25th was received from Mr. Mierzynski, staff started to take a detailed look at possible interim solutions and recommended a number of areas that Council might pursue. Those areas were limited by Council itself to basically the export option and the landfill and they were duly and thoroughly examined before a recommendation was made. I make the statement regarding the February 15th, 1983 letter because if read out of context to what has happened since, one might get the idea that nothing other than the continuation of the Burlington Landfill Site was thoroughly considered "because staff had its mind made up".

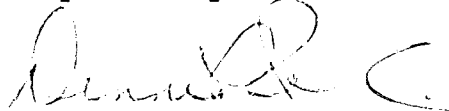
The February 2nd, 1983 letter from Mr. Mierzynski was "out of the clear blue". We had been meeting with Ministry staff through the Ministry Regional M.O.E. Liaison Committee and had been indicating to them the approach that I set out in my February 15th letter IF an interim solution was really necessary throughout 1982 but we were never told that the February 2nd, 1983 letter was coming.

We had been stressing up to that time that we did not wish to discuss interim solutions but rather to push forward on the permanent solutions and that we should only get into an interim solution on an urgency basis if it really did turn out that we could not have a new permanent site or sites open when the approved contours were reached in Burlington.

However, in light of the letter of March 25th from Mr. Mierzynski, Mr. Walker's determination that indeed the environmental assessment just could not be completed until late 1984, and the type of long term system chosen by Council in response to the Waste Needs and Systems Analysis Report, an interim solution became a necessity if the Region was to meet its statutory obligations to provide waste disposal.

For your information, and

Respectfully submitted,



Dennis Y. Perlin
Chief Administrative Officer

APPROVED BY C.A.O.



DYP*pm

Attachments (4)

Ministry of the Environment
Central Region

Suite 700
150 Ferrand Drive
Don Mills, Ontario
M3C 3C3
(416) 424-3000

RECEIVED

14 FEB 1983

HALTON REGION
PUBLIC WORKS

1983 02 07

Mr. J. Raftis
Chairman
Regional Municipality of Halton
Box 7000
1151 Bronte Road
Oakville, Ontario
L6J 6E1

Dear Mr. Raftis:

Re: Environmental Assessment of the Landfill Component of Halton's
Solid Waste Management System
Revised Work Program November 1982
Prepared by Walker, Wright, Young Associates Limited
Planning Consultants

On December 31, 1982, the Oakville Sanitary Landfill Site closed to waste disposal leaving the Burlington site to handle all of Halton's waste until new regional facilities are available. Approved capacity remaining at the Burlington Sanitary Landfill Site is limited; based on current waste projections, approved contours are expected to be reached in March 1984.

The Environmental Assessment on the Landfill Component of Halton's Solid Waste Management System is underway. Based on the above "Revised Work Program", the assessment is a very comprehensive and complete undertaking. However, it has a very tight schedule which does not provide for any unforeseen delays in the Environmental Assessment and in the development of new facilities. According to the timing of the "Revised Work Program" the formal submission of the Environmental Assessment to the Ministry of the Environment is scheduled for November 1983. With the uncertainties and the planned delay in the program, from September to November 1983, an interim plan must be available for implementation which permits Halton to continue to meet its obligations to provide landfill facilities. A potential problem can be avoided if a satisfactory interim plan is approved for phased implementation until new regional facilities are available.

If you can confirm that November 1983 is the earliest date for formal submission of the Environmental Assessment, it is apparent

that additional approved capacity will be required at the Burlington site. As such you must prepare an interim plan for application to the Ministry of the Environment for approval. The proposal should indicate the revised contours or modifications that must be made at the site based on a critical path being followed for the development of new regional facilities. The earliest possible date at which a site or sites can be established should be determined together with the proposed contours required until the inception of new regional works. In this regard, the interim plan should also take into account the required site preparation time for any new facilities.

Since the application for the interim plan will require approval and a public hearing under the Environmental Protection Act, it is recommended that approvals be sought for an interim plan scheduled for several phases. Although the entire plan will be considered, each phase should be designed to permit site closure after each phase. It is crucial to recognize now that there is an upper limit to the elevations to which the Burlington site can be filled within the existing approved site boundary; requirements for slope stability and for clearance from a major overhead line restrict the elevations.

16, 500 to correct.

Please advise this office of the region's proposed plan and any questions or concerns that may arise from our requirement for an interim plan at the Burlington site.

Yours very truly,

ORIGINAL SIGNED
BY G. MIERZYNSKI

G. Mierzynski, P.Eng.
Regional Director

GLMc:cra:TH1-D
cc: D.Y. Perlin, Chief Administrative Officer
G.N. Woodburn, Waste Management Engineer✓
P. Attack, Senior Planner



THE REGIONAL MUNICIPALITY OF HALTON

Office of the Chief
Administrative Officer

P.O. BOX 7000
1151 BRONTE ROAD
OAKVILLE, ONTARIO L6J 6E1
416/827-2151

1983 02 15

BY COURIER

Mr. G. Mierzynski, P.Eng.
Regional Director
Ministry of the Environment
Suite 700
150 Ferrand Drive
Don Mills, Ontario
M3C 3C3

Dear Mr. Mierzynski:

Re: Environmental Assessment of the Landfill Component of
Halton's Solid Waste Management - System - Revised Work
Program, November 1982 - Interim Plans

On behalf of the Regional Chairman I acknowledge receipt of
your letter of February 7th on February 11th.

The first three paragraphs of your letter make the
presumption that because the Environmental Assessment is not
to be fully submitted in final form until November of 1983,
that that will mean that a new facility cannot be in place by
April of 1984 when the approved contours are expected to be
reached at the Burlington Landfill as it is presently
approved.

Because we have had Mr. Michael Pratt of the Environmental
Assessment Branch working as our co-ordinator and arranging
with us for circulation of all of the documentation to the
various Provincial Ministries, as well as various public and
private agencies interested in this particular matter, we
have been hopeful that people would be satisfied with the
Environmental Assessment, once submitted, and that a Hearing
will not be necessary under The Environmental Assessment Act,
and further, that because of previous reviews of the
document, that approval of the Environmental Assessment
document could come quickly in November/December such that
the elements of a landfill component (if a landfill component
is indeed necessary) can be constructed and in place in time
for an April opening.

Your presumption is that that April date will not be met.

BURLINGTON

639 4540

HALTON HILLS
ACTON

853 0501

HALTON HILLS
GEORGETOWN

878 8113

MILTON

878 8113

OAKVILLE

827-2151

Our contingency, should that April date not be met, is to make an application for an exemption under The Environmental Assessment Act (which I believe might be necessary, and which I would ask you to check) and for approval under The Environmental Protection Act for changes in the contours of the Burlington Landfill to allow for another 9 months of capacity to bring us to the end of 1984 and into January of 1985. The idea there would be that should the Environmental Assessment document not be satisfactory to all such that a Hearing is requested and granted, that the Hearing can occur in the late winter and spring of 1984, with a decision in the early summer, and after appeals, a construction date beginning the early part of October, such that the landfill component could be in place by January of 1985.

Our application for approval under The Environmental Protection Act would be on an "urgency" basis and would be made later this year, once we were aware of what "flack", if any, there was going to be with respect to the proposed landfill component. As I stated, one presumption that can be made is that the landfill component, if there is a need for one, will be so accepted that there will not be much opposition after the public participation program and the submission of the Environmental Assessment document on Halton's landfill component to the Ministry. Your presumption that there might be would then lead to the "urgency" application spoken of above.

We would be seeking an "urgency" application on the basis that, really, until the air became more clear in the summer of 1983, it would have been wasteful trying to look at interim plans, especially since what we are working on now at the Burlington Landfill Site and at the recently closed Oakville Landfill Site was an interim plan to carry us from 1980 until 1984. If you remember, our permanent landfill component was to have been in place by 1980, and because of the opposition and the difficult procedures, that permanent location could not be in place and was projected to not be in place in 1978 which led to the interim plan which we are now working on.

To make an application now, unless we are advised by you otherwise, might lead to some difficulty for the Ministry in really determining that the matter is so "urgent" at this point that a Hearing should be avoided; whereas if we wait until later in the year when we really do know whether or not the Environmental Assessment process timing is going to be too tight, then it could be more fully justified that the "urgency" of the matter should result in the Hearing being waived. By then it would be clear that there would only be sufficient time, considering winter construction, to actually approve the application and deal with the conditions that should be attached. There would be no time for a Hearing if

indeed the public were to be served with their waste disposal needs as of the end of 1984.

Also, to require a Public Hearing at the Burlington Landfill at this point:

- 1) would make for a great deal of unnecessary expense should a Public Hearing be required with respect to the Environmental Assessment of the landfill component later;
 - 2) would be for a very small change in the present Burlington Landfill;
 - 3) would create great confusion in that area of Burlington since National Sewer Pipe presently have an application before you for a new permanent landfill to the east of the existing Burlington Landfill. People would be confused as to what particular proposal was coming before the Board. Further, the whole hearing could turn into a major issue as people who might be opposed to that National Sewer Pipe Landfill feel they have to "take aim" at any change in the contours of the existing Burlington Landfill in order to protect their position with respect to a possible hearing on the National Sewer Pipe site.
- // NB.

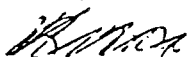
In summary then, we are considering a contingency should the Environmental Assessment process indicate as we move on later into the summer of 1983 that the landfill component, whatever it is, will require a hearing such that a further change in the contours will be needed at the Burlington Site to provide some capacity beyond March of 1984. The contingency plan would consist of revised contours or modifications. Further, any submission to you would set out the required site preparation time for any new facilities and would seek approval on an urgency basis to avoid the need for a Public Hearing which would only be costly and confusing.

The consultants working with the Region on this issue are M.M. Dillon Limited, and they do recognize that there is an upper limit to the elevations to which the Burlington Site can be filled within the existing approved site boundary. Further, they are aware of requirements for slope stability and for clearance from a major overhead line.

This particular matter will be going before the Region's Solid Waste Management Committee on February 28th for discussion and review, and I would ask you to indicate whether you find anything wrong with the proposal that has been set out in this letter in response to yours of February 7th.

If you have any concerns with the approach that I have set out in this response, could you please contact me as soon as possible so that I might be able to discuss that with Regional Council.

Yours very truly,



Dennis Y. Perlin
Chief Administrative Officer

DYP/gh

cc Chairman J. N. Raftis, P.Eng., Regional Chairman
R. Mohammed, Director of Planning & Development, Halton
Region
R.W.J. Moore, P.Eng., Director of Public Works, Halton
Region
P. Attack, Senior Planner, Halton Region
G. Woodburn, P.Eng., Senior Waste Disposal Engineer,
Halton Region



RECEIVED

A.M. _____

P.M. _____

150 Ferrand Drive
Suite 700
Don Mills, Ontario
M3C 3C3
416/424-3000

150, promenade Ferrand
Bureau 700
Don Mills (Ontario)
M3C 3C3
416/424-3000

1983 03 25

1983 03 25

CHIEF ADMINISTRATOR
REGIONAL MUNICIPALITY
OF HALTON

Mr. Dennis Y. Perlin
Chief Administrative Officer
Regional Municipality of Halton
P. O. Box 7000
1151 Bronte Road
Oakville, Ontario
L6J 6E1

Dear Mr. Perlin:

Re: Environmental Assessment of the Landfill Component
of Halton's Solid Waste Management System,
Revised Work Program November 1982
Interim Plans

This will acknowledge your letter dated February 15, 1983 with regard to the above matter in response to our letter of February 7, 1983.

We have reviewed the approach set out in your letter with both the Environmental Approvals and Project Engineering Branch and the Environmental Assessment Branch and have the following comments and concerns for your consideration.

✓ We do not think that it is proper planning to assume that a hearing on your environmental assessment of the landfill component will not be held under the Environmental Assessment Act. Nor do we believe that a landfill component could be constructed within a four month period and be ready to receive waste by April 1984. In the Ministry's opinion, such a tight schedule is impractical if not impossible to meet. From our experience, it takes a municipality at least six months if not longer following acquisition of land to prepare a site to receive waste.

*Prov.
again
wants
application
now.*

✓ It is our opinion that a moderate and straight forward expansion of the Burlington site should not make for a great deal of unnecessary expense. Notwithstanding that the alteration to the landfill may be only a small change, it still requires approval and a hearing under Section 30(1) of the Environmental Protection Act. At the beginning of the hearing, the Regional Municipality of Halton

*How does not
agree there will
be any confusion
between
interim
permanent plans*

*interim plan does
not need an EA*

should make it clear to the attending parties that the hearing will be strictly focused on the requirements of Section 30(1) of the Act which requires that any alterations to a landfill site must undergo the hearing process. We do not see that the National Sewer Pipe site has to be involved in that process.

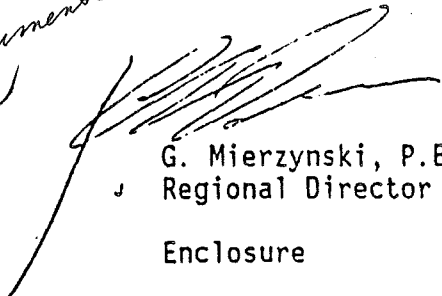
At our meeting with the other branches, we discussed the approval requirements for additional capacity at Burlington. All staff are in agreement that an interim expansion of the Burlington site should not be subject to an Environmental Assessment. When Halton makes an application for alterations to the Burlington site with a request to exempt the proposal from an Environmental Assessment, staff will recommend that the Minister make an Order under Section 34 of the Environmental Assessment Act. The Order would state that the public hearing under the Environmental Protection Act may be proceeded with and that the requirements of the Environmental Assessment Act do not apply to the undertaking.

With regard to setting a reasonable completion date for processing an application for interim capacity under Section 30(1) of the Environmental Protection Act, we have attached a copy of the existing Certificate of Approval for the Burlington Waste Disposal Site for your perusal. Condition 10 on the Certificate requires that within four months prior to the closure of the site, a complete closure plan pertaining to the termination of landfilling operations at the site is to be submitted for approval to the Director of the Environmental Approvals Branch. Based on the estimated closing date of March 1984, the required interim capacity at the Burlington site should be applied for as soon as possible in order that the recommendations of the hearing board are available for consideration of the Approvals Director by November, 1983.

*Warning Region
that no emergency
application will
be considered if
need documented
now*

As you must appreciate, we cannot sanction any plans to request approval of modifications to the site on an emergency basis if the need is documented now.

Yours very truly,


G. Mierzynski, P.Eng.
Regional Director

Enclosure

cc: J. N. Raftis, P.Eng., Regional Chairman
R. Mohammed, Director of Planning & Development, Halton Region
R. W. J. Moore, P.Eng., Director of Public Works, Halton Region
P. Attack, Senior Planner, Halton Region
G. Woodburn, P.Eng., Senior Waste Disposal Engineer, Halton Region



Ontario

Ministry
of the
Environment

Provisional Certificate No. A 210102

PROVISIONAL CERTIFICATE OF APPROVAL WASTE DISPOSAL SITE

Under The Environmental Protection Act, 1971 and the regulations and subject to the limitations thereof, this Provisional Certificate of Approval is issued to:

Regional Municipality of Halton
1151 Bronte Road
Oakville, Ontario
L6J 6E1

for the expansion of the existing 22.3 hectare landfilling site within a total area of 45.0 hectares to a 29.3 hectare (72 acre) landfilling site within a total site area of 68.3 hectares (169 acres) all in accordance with the following plans and specifications:

As listed in Schedule "A"

Located: Parts of Lots 3 & 4, Concession 1 & 2
all more particularly designated as Parts 1 to 9 inclusive
on Registered Plan of Survey 20R4648
City of Burlington
Regional Municipality of Halton

which includes the use of the site only for the Disposal of the following categories of waste (NOTE: Use of the site for additional categories of wastes requires a new application and amendments to the Provisional Certificate of Approval) Domestic, Commercial and solid non hazardous industrial wastes consisting of wastes from manufacturing and industrial processes and including demolition and construction wastes.

and subject to the following conditions:

1. An access to the site from the North is not to be constructed and only the existing access from the North Service Road in the South is to be utilized.
2. Liquid industrial and toxic waste including pathological waste, industrial and chemical sludges, hazardous waste, septic tank pumpings, radioactive waste and processed organic waste will not be accepted for disposal at the landfill site.
3. The Regional Municipality of Halton will carry out the predictive monitoring programs including the submissions to the Ministry of the Environment of an annual monitoring report all in accordance with the Monitoring Report, prepared by Gartner Lee Associates Limited, April 1980 and with any amendments as required from time to time by the Director of the Environmental Approvals Branch of the Ministry of the Environment.

Dated this 24th day of October 19 80

Director, Section 39,
Environmental Protection Act, 1971



Ministry
of the
Environment

PROVISIONAL CERTIFICATE OF APPROVAL WASTE DISPOSAL SITE

The following conditions are additional to the conditions shown on Provisional Certificate

of Approval Number A 210102 dated October 24, 1980

4. No landfilling shall take place in the proposed expansion area until all bore-holes, any gas or water wells, and any other conduits for possible leachate movement within the actual landfill area are identified and the proposed method of properly sealing these are submitted by the Regional Municipality of Halton and approved by the Director of the Environmental Approvals Branch, Ministry of the Environment.
5. Prior to landfilling in the Phase II expansion area, details of the surface drainage works, swales, and sediment control measures, including measures for draining of Phase II during landfilling operations and for slope stabilization in areas of extreme erosion are to be submitted by the Regional Municipality of Halton and approved by the Director of the Environmental Approvals Branch, Ministry of the Environment.
6. Prior to landfilling in the Phase II expansion area, final plans, specifications and an engineer's report on the toe-drain and under-drain leachate collector system are to be submitted to and approved by the Director of the Environmental Approvals Branch, Ministry of the Environment.
7. Prior to landfilling in the Phase II Expansion Area, a contingency plan, for the east side of Falcon Creek Valley to intercept leachate, must be submitted by the Regional Municipality of Halton and approved by the Director of the Environmental Approvals Branch of the Ministry of the Environment.



Ministry
of the
Environment

PROVISIONAL CERTIFICATE OF APPROVAL WASTE DISPOSAL SITE

The following conditions are additional to the conditions shown on Provisional Certificate
of Approval Number A 210102 dated October 24, 1980

8. Prior to landfilling in the Phase II area of the site the Municipality shall certify that the site preparation work has been completed in accordance with the plans & specifications approved by the Director of the Environmental Approvals Branch of the Ministry of the Environment.
9. A progress report on landfilling operations including the following information:
 - (a) results of an interpretive analysis of all monitoring programs for gas and leachate;
 - (b) the site map of all the landfilled areas and any deviations from the operating plans;
 - (c) yearly summary of volumes and weights of waste handled at the site;
 - (d) environmental and operational problems encountered during the operation and mitigating actions;
 - (e) quality and quantity of leachate discharged into the sanitary sewer system;
 - (f) assessment of the operation and performance of all gas and leachate control facilities.

is to be submitted every twelve months to the Director of the Environmental Approvals Branch, Ministry of the Environment. The first report is to be submitted by February, 1981, with subsequent progress reports being submitted annually thereafter.



Ministry
of the
Environment

Ontario

PROVISIONAL CERTIFICATE OF APPROVAL WASTE DISPOSAL SITE

The following conditions are additional to the conditions shown on Provisional Certificate
of Approval Number A 210102 dated October 24, 1980

10. Within four months prior to the closure of the site,
a complete closure plan pertaining to the termination
of landfilling operations at the site, together with
a schedule of dates and details as to the following
stages:

- (a) planning of the
 - (i) development of new sites;
 - (ii) rodent extermination at the closing site;
 - (iii) work required to restrict access to and
landscape the closing site;
- (b) information to and education of the public of
 - (i) plan for closure;
 - (ii) alternative sites;
- (c) implementation of the following parts of the
plan
 - (i) start-up of new sites;
 - (ii) rodent extermination program;
 - (iii) grading, compacting, seeding;
 - (iv) surface drainage controls;
- (d) maintenance of the closed site
 - (i) by periodic inspections;
 - (ii) to ensure revegetation cover, control of
erosion and to maintain integrity of the cover
material;

is to be submitted for approval to the Director of
the Environmental Approvals Branch, Ministry of the
Environment.



Ontario

Ministry
of the
Environment

PROVISIONAL CERTIFICATE OF APPROVAL WASTE DISPOSAL SITE

The following conditions are additional to the conditions shown on Provisional Certificate
of Approval Number A 210102 dated October 24, 1980

11. Within six months following the termination of landfilling operations at the site, two copies of as constructed site plans, including details of the final development contours, fill line, buffer zones, site boundaries, location of works, easements, monitoring stations, and pollution control facilities are to be submitted to the Director of the Environmental Approvals Branch, Ministry of the Environment.
12. Within four months prior to the closure of the site the Municipality shall submit to the Director of the Environmental Approvals Branch a post closure program providing for the long-term care and maintenance of gas and leachate monitoring and control facilities.
13. No part of the landfilling site shall be conveyed prior to or after closing of the site to any person by the applicant or any transferee from the applicant except to a Federal or Provincial Government, or any agency thereof without the prior approval of the Director of the Environmental Approvals Branch, Ministry of the Environment.
14. No operation shall be carried out at the site after one hundred and twenty days from these conditions becoming enforceable unless this Certificate including the reasons for these conditions has been registered by the applicant as an instrument in the appropriate Land Registry Office against title of the site and the duplicate registered copy thereof has been returned by the applicant to the Director of the Environmental Approvals Branch, Ministry of the Environment.



Ontario

MINISTRY OF THE ENVIRONMENT

NOTICE

Regional Municipality of Halton
TO: 1151 Bronte Road
Oakville, Ontario
L6J 6E1

You are hereby notified that Provisional Certificate of Approval No. A 210102 has been issued to you subject to the conditions outlined therein.

The reasons for the imposition of these conditions are as follows:

1. The reason for Condition 1 is the applicant has proposed the use of the existing 350-metre access road to the site from the North Service Road and therefore this access road is to be used. It would not be in the public interest to construct a different road as the application has not been considered on that basis.
2. The reason for Condition 2 is that the applicant has indicated in the development plan report these wastes would be specifically excluded. The imposition of Condition 2 is to prevent the disposal of any wastes at the site that were not specifically addressed as part of the development plan or of the hearings. The practice of disposal of these waste types may result in hazards to the health and/or safety to any person.
3. The reason for Condition 3 is that a monitoring program is necessary to provide information on the degree to which leachate will be controlled by the installation and operation of "toe-drain" and "under-drain" leachate collection systems and to provide information on the degree of attenuation of the leachate that is taking place within the soil and its impact on the ground and surface water both off and on-site. As well, it is felt that the monitoring program is an integral part of the operating and development plan for the waste disposal site and it would not be in the public interest to have a landfill site without such a program being assured.

nuisance conditions.

5. The reason for Condition 5 is:
 - (a) to reduce or prevent the impact of the landfill construction operation and in particular silting caused by erosion, on the natural drainage channel adjacent to the site; and,
 - (b) to reduce or prevent any surface runoff contamination by the waste from being pumped for discharge to surface drainage channels and streams.
6. The reason for imposing Condition 6 is to ensure that the facilities are designed to the satisfaction of the Ministry of the Environment and the issuance of the certificate without this condition would not be in the public interest.
7. The reason for Condition 7 is that the contingency plan is necessary in the event sufficient attenuation of leachate in soil does not occur as anticipated and the monitoring program determines that the leachate migration to Falcon Creek is excessive. This contingency plan will have to be activated in order to prevent the creation of a nuisance and eliminate a hazard to the health and safety of any person and to protect the natural environment.
8. The reason for imposing Condition 8 is to ensure that the site is prepared for landfilling according to the design in the development plan for the site.
9. An annual report as required by Condition 9 is necessary to ensure the operation and development and expansion of the site is consistent with the reports listed in Schedule "A" and thus avoid the creation of a nuisance.
10. The reason for imposing Condition 10 is to ensure that the site is closed off in a satisfactory manner and to provide for the orderly and planned phasing out of this site.
11. The reason for imposing Condition 11 is to provide a permanent record of the completed waste disposal operations carried out at the site.
12. The reason for Conditions 12 and 13 is that with all landfilling operations, certain works are necessary in order to properly close down the site and to provide for its long-term care. Consistent with the other responsibilities under Section 46 of The Environmental Protection Act, 1971, it is in the public interest to ensure all necessary steps have been taken in these regards so that the responsibility and authority to provide for the long-term care of these environmental controls will be guaranteed and the future use of these lands by any other party will not conflict with the necessary controls required to ensure long-term safety to the public and protection of the natural environment.

13. The reason for Condition 14 requiring registration of the Certificate is that Section 46 of The Environmental Protection Act, 1971, prohibits any use being made of lands after they cease to be used for waste disposal purposes in order to protect future occupancy of the site and the environment from any hazard which may occur as a result of waste being disposed of at the site. This prohibition and potential hazard should be drawn to the attention of future owners and occupants by the certificate being registered on title.

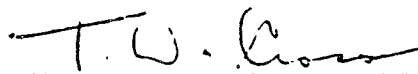
You may by written notice served upon me and The Environmental Appeal Board within 15 days after receipt of this Notice, require a hearing by the Board.

This Notice should be served upon:

The Secretary
Environmental Appeal Board
1 St. Clair Ave. West AND
5th Floor
Toronto, Ontario
M4V 1K7

The Director
Section 3a, E.P.A.
Ministry of the Environment
135 St. Clair Ave. West
Toronto, Ontario
M4V 1P3

Dated at Toronto this 24th day of October 1980.



Director
Section 3a, E.P.A.
Ministry of the Environment

THIS IS A TRUE COPY OF THE
ORIGINAL CERTIFICATE MAILED

ON OCT 28 1980

Encl 3

SCHEDULE "A"

1. The Regional Municipality of Halton documents and specifications entitled "Leachate Collection Sewer System, North Service Road and Regional Landfill Site in the City of Burlington Contract S-489-79", including drawings on sheets 1 to 11 prepared by the Regional Municipality of Halton Public Works Department.
2. Letter of October 31, 1979 from R.W.J. Moore, Director of Public Works, Region of Halton to A.V. Giffen, District Officer, Ministry of the Environment, outlining additional information and works to be implemented by the Region of Halton.
3. Drawings entitled "Sanitary Landfill Site in the City of Burlington Final Contours-Operation Plan", as it pertains to only the final contours on the south half of the landfill site, and submitted to the Ministry of the Environment under covering letter of July 5, 1979 to A.V. Giffen, District Officer, from D.R. Morrier, Manager, Operations and Maintenance, Region of Halton.
4. Report entitled "Burlington Landfill Site Phase I Expansion" prepared by M.M. Dillon Limited Consulting Engineers and Planners and dated September 26, 1979.
5. Report entitled "Burlington Landfill Site Hydrogeological Study" dated October 17, 1979 prepared by Gartner Lee Associates Limited for M.M. Dillon Limited.
6. Report entitled "Burlington Landfill Site-Design and Operations Report" dated January 30, 1980, prepared by M.M. Dillon Limited Consulting Engineers and Planners.
7. Letter written by Mr. H.J. Bourque, P.Eng., of M.M. Dillon Limited on behalf of Mr. W.F. Wells, P.Eng., Project Manager dated January 30, 1980, giving further particulars of the Phase I and II Expansion of the Burlington Landfill Site.
8. Plan entitled "City of Burlington Regional Municipality of Halton Plan 20R4648" dated February 9th, 1979 prepared by Sidney W. Woods Inc. Engineers & Surveyors.
9. Report entitled "Monitoring Program-Burlington Regional Landfill Site for the Regional Municipality of Halton", dated April, 1980, prepared by Gartner Lee Associates Limited.



Office of the
Minister

Ministry
of the
Environment

135 St. Clair Avenue West
Toronto, Ontario
M4V 1P5
416/965-1611

5 JUL 1983

Mr. Dennis Y. Perlin,
Chief Administrative Officer,
The Regional Municipality of Halton,
P. O. Box 7000,
1151 Bronte Road,
Oakville, Ontario.
L6J 6E1

RECEIVED

A.M.

P.M.

JUL 1 1983

CHIEF ADMINISTRATOR
REGIONAL MUNICIPALITY
OF HALTON

Dear Mr. Perlin:

Re: National Sewer Pipe Limited
Landfill Site Approval

✓
Thank you for your letters of March 29th,
April 26th and 29th, in which you request that Cabinet
designate National Sewer Pipe's landfill site proposal
under the Environmental Assessment Act.

The matter of the relationship of National Sewer
Pipe's application for approval under the Environmental
Protection Act to your Region's environmental assessment
effort was discussed by all parties on May 17th. I
understand that this meeting was beneficial to all
parties and that a mutually acceptable process for co-
ordinating the two planning efforts began to emerge.

I have been advised by staff that the consultants
for National Sewer Pipe and your Region's consultants
are discussing the content of the final work program.
The document sets out the schedule for site selection -
the stage of planning which will identify the role that
National Sewer Pipe's proposal may play in your Region's
overall waste management program.

NSP trying
under
EPA!
✓
As I understand the process tentatively agreed to
on May 17th, (to be confirmed by all parties on
June 30th), National Sewer Pipe will not request that a
decision be made on their application for approval under
the Environmental Protection Act until the end of 1983,
by which time your Region will have identified a
preferred site(s).

✓
For the reasons outlined above I am not prepared,
at this time, to consider designating National Sewer
Pipe's proposal under the Environmental Assessment Act.

I understand the problems that could occur if a hearing under the Environmental Protection Act were held before Halton's environmental assessment effort is completed. However, I am satisfied that such a situation will not occur. I have no intention of disrupting the progress of Halton's environmental assessment and I look to the co-operation of all parties in this matter.

Before closing, I must remind you of the need to obtain approval for a strategy for managing waste in the interim period between March of 1984 and the date upon which a long term waste solution can be operational. Application for this approval must be made in the immediate future so as to avoid the creation of an emergency situation.

Once again, thank you for writing and bringing your concerns to my attention.

Yours very truly,



Keith C. Norton,
Minister,
M.P.P. Kingston
and the Islands.

cc: The Honourable Claude Bennett,
Minister of Municipal Affairs and Housing.

Mr. R. Christensen, Vice-President,
National Sewer Pipe Limited.

Dr. E.E. Stewart,
Clerk of the Executive Council.

THE REGIONAL MUNICIPALITY OF HALTON

Report to Chairman and Members of the
Solid Waste Management Committee

From Dennis Y. Perlin, Chief Administrative Officer

Date 1983 08 05

Report No. C.A.O. Report No. 251/83

Re: National Sewer Pipe Proposal - Landfill - Highway
403 West/King Road, Burlington - Regional Request
to Cabinet to Designate Proposal Under
Environmental Assessment Act

RECOMMENDATION:

1. THAT the letter from the Minister of the Environment, dated July 5th, 1983 regarding a Regional request for designation by the Cabinet of the National Sewer Pipe Landfill Site Proposal under The Environmental Assessment Act, be received; and in the acknowledgment of that letter, the Minister be thanked for clarification of the Ministry's intention that the National Sewer Pipe proposal will not be permitted to disrupt the progress of Halton's Environmental Assessment;

2. AND THAT the new Minister of the Environment, the Honourable Andy Brandt, be advised that the Regional position regarding designation under The Environmental Assessment Act as set out in its March 23rd, 1983 Resolution has not changed, and that he be respectfully requested before making any further decisions on the Application by National Sewer Pipe for approval of their proposal under The Environmental Protection Act to give further consideration to the designation of National Sewer Pipe's proposal under The Environmental Assessment Act;

3. AND FURTHER that the Minister be informed that the Regional Municipality of Halton takes the Minister's letter of July 5th, 1983 and the words therein "at this

*Region requesting
NSP be under
EAA not EPA*

time" to be simply a deferral of the consideration of the Region's request and not an outright refusal of the request;

4. AND FURTHER THAT for the purposes of clarity the new Minister be informed in the Acknowledgment letter of the draft timetable for the site selection process under Halton's Environmental Assessment which would not see a "preferred site(s) identified until June/July 1984 although candidate areas would be identified in 1983 and alternative site(s) identified by January/February 1984.

REPORT:

On March 23rd, 1983 Regional Council passed the attached Resolution requesting the Province to designate the National Sewer Pipe Landfill Proposal as a proposal under The Environmental Assessment Act. Copies of that Resolution which included a number of alternative options as well were forwarded to the Minister of Municipal Affairs and Housing, to the Minister of the Environment, and to Dr. Stewart, the Clerk of the Executive Council (Cabinet).

The matter was referred by Cabinet to the Minister of the Environment and there were a couple of further letters myself to the Minister in response to certain submissions made by the Solicitors for National Sewer Pipe Limited.

All having been said and done the Minister has finally responded by letter dated July 5th, 1983, received July 13th, 1983, a copy of which is attached.

For the reasons which the Minister has set out in his letter which I will not repeat here, he states, "For the reasons outlined above I am not prepared, at this time, to consider designating National Sewer Pipe's proposal under The Environmental Assessment Act."

It is important to note the words "at this time".

Basically the Minister is indicating that National Sewer Pipe are not requesting any decisions on their Application until the end of 1983 and the Minister is hopeful that by that time the issue of where the Region stands with respect to "preferred site(s)" will be known.

Unfortunately the Minister is not correct in the timetable for the identification of "a preferred site(s)" but the process should be well enough along by at least the first two months of 1984 for the determination of the alternative sites which will be examined in Halton leading to the preferred site or sites.

The Environmental Assessment process that we are now following provides for the identification of candidate areas in September; the analysis of the candidate areas to come up with alternative sites by January/February of 1984 and then the comparison of alternative sites to come up with a preferred site or sites by June/July 1984.

The Minister's response of July 5th really does not answer the issues that Regional Council put forward in the March 23rd resolution regarding the fact that landfill proposals, public or private, should follow the same rules, but the delay in the making of the decision should help lessen the confusion regarding the approval processes under the Environmental Assessment Act being carried out by Halton and an approval process being carried out by a private industry in Halton, all at the same time and perhaps even involving similar areas in Halton.

Regional staff have always indicated to Council that one of the key questions regarding the National Sewer Pipe proposal was whether or not there was a role for that proposal in Halton's solid waste management system.

If that particular area of the Region does not show up as a candidate area in September or October and/or does not show up as an alternative site come January/February of 1984, then there would be no role for the National Sewer Pipe proposal in the Region's Solid Waste Management System and no need for same to handle disposal of Halton waste.

If the National Sewer Pipe location shows as part of the candidate area and then as an alternative site, then considering the approval process we have been suggesting we would follow once the Environmental Assessment process is completed, National Sewer Pipe may very well continue as part of the Region's process rather than attempting to start its own. Many of the things that would be required "going on its own" would have to be done by the Region if the site were identified as an alternative site for the Region itself.

If the site does not show up as a candidate area and/or as an alternative site, the Region would be free under the July 5th letter from the Minister to indicate to the Minister that if

National Sewer Pipe wishes to persist in pursuing its proposal, then it should be designated under The Environmental Assessment Act and be faced with a similar approval process as any public site(s) being applied for in Halton. //

The Minister has only declined to recommend designation "at this time" (July 5th, 1983); he could designate later if the process being followed by Halton is such that there is no role for National Sewer Pipe in it but National Sewer Pipe wishes to still proceed on its own.

Therefore, the recommendations set out in this report are simply to acknowledge receipt of the Minister's letter of July 5th, thank the new Minister for same, but indicate to the Minister that the position of Regional Council of March 23rd, 1983 remains the same and that should National Sewer Pipe, for any reason, decide to proceed on its own at the end of 1983 or otherwise, then the designation should be made for the approval process to be under The Environmental Assessment Act, not under The Environmental Protection Act. //

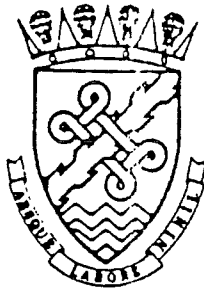
We still have not heard from the Minister of Municipal Affairs and Housing regarding the handling of the Parkway Belt Matter, but as I understand the situation, all matters regarding the National Sewer Pipe proposal will be held in abeyance until the end of 1983 when the matter will be re-examined in light of the status of Halton's environmental assessment at that time. //

Respectfully submitted,


Dennis Y. Perrin
Chief Administrative Officer

DYP*pm
Attach.

THE
REGIONAL
MUNICIPALITY
OF
HALTON



RESOLUTION NO. _____

DATE March 23, 1983

Moved by: P. Pomeroy

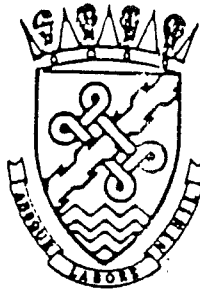
Seconded by: F. Oliver

1. THAT the Lieutenant Governor-in-Council designate, in the manner required under The Environmental Assessment Act, the proposal of National Sewer Pipe to establish and operate a sanitary landfill and any resource recovery facilities on the lands north of Highway 403 west of King Road, east of the Region of Halton Landfill Site, Burlington, as a proposal under The Environmental Assessment Act.
2. THAT the Lieutenant Governor-in-Council be informed that the basic reasons for such designation request are:
 - (a) to properly determine a role for National Sewer Pipe lands in the Waste Management System of Halton, if any,
 - (b) that because of the possible environmental impacts of waste disposal sites and the difficulty of obtaining approvals for waste management programs and sites, that only waste generated within Halton be disposed of in Halton.

0

"J. N. RAFTIS"
CHAIRMAN

THE
REGIONAL
MUNICIPALITY
OF
HALTON



RESOLUTION NO. _____

DATE _____

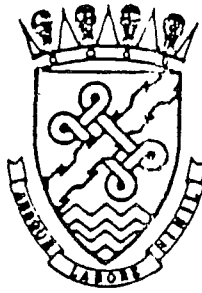
Moved by: _____

Seconded by: _____

Page 2

- (c) that the Region itself is in an Environmental Assessment process to determine what locations(s), if any, there should be for sanitary landfill in Halton; that process may very well encompass the lands being proposed by National Sewer Pipe. C
- (d) that, since the Region has been ordered to determine its landfill component, if any, by way of an Environmental Assessment under The Environmental Assessment Act, then any private proposal for the very same type of undertaking should be subject to the same approval process; namely, the Environmental Assessment Act process.
- (e) that the site specific approval processes for amendment to the Parkway Belt West Plan, to Regional and Local Official Plans, to Local Zoning By-laws, and under The Environmental Protection Act, require by statute or by practice, Regional involvement (as the waste and sewage disposal authority in Halton) in analysing, commenting, and

THE
REGIONAL
MUNICIPALITY
OF
HALTON



RESOLUTION NO. _____

DATE _____

Moved by: _____

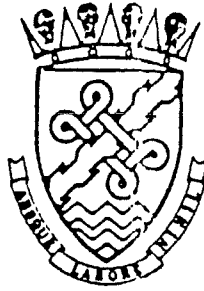
Seconded by: _____

Page 3

consenting to such applications. This cannot be done by Halton, whether its position is "for", "against" or "premature" without undermining and prejudicing the Environmental Assessment of the Landfill Component for Halton that is now under way.

- (f) that such designation should result in less public hearings for all parties that would have to be involved in any National Sewer Pipe Public Hearing such as the Region, the City and, we believe, even National Sewer Pipe.
- (g) that the Region, under The Regional Municipality of Halton Act, has the power to grant or withhold its consent to National Sewer Pipe's application, and the Region is not prepared to grant its consent unless National Sewer Pipe's application meets all of the requirements for approval in accordance with the Environmental Assessment Act and the Regulations and Guidelines related thereto.

THE
REGIONAL
MUNICIPALITY
OF
HALTON



RESOLUTION NO. _____

DATE _____

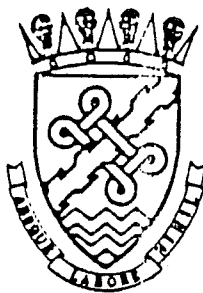
Moved by: _____

Seconded by: _____

Page 4

3. THAT C.A.O. Report No: 112/83 be approved and sent to the Lieutenant Governor-in-Council, the Ministry of the Environment, and the Ministry of Municipal Affairs and Housing in support of the Recommendations contained therein.
4. THAT, once the designation occurs, then the Minister of the Environment be requested to issue an order under Section 34 of The Environmental Assessment Act that The Environmental Assessment Act shall apply to the undertaking and proponent and the Public Hearing under "such other Act (Environmental Protection Act) shall be deemed not to be required or permitted."
5. THAT in the alternative, should the Lieutenant Governor-in-Council refuse to designate the National Sewer Pipe proposal under The Environmental Assessment Act, then the Minister of the Environment be requested to defer consideration of the National Sewer Pipe application under The Environmental Protection Act for approval of the establishment and operation of a landfill site and/or any resource

THE
REGIONAL
MUNICIPALITY
OF
HALTON



RESOLUTION NO. _____

DATE _____

Moved by: _____

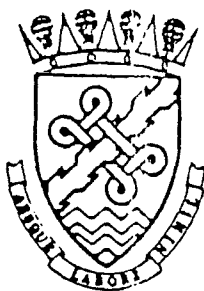
Seconded by: _____

Page 5

recovery facilities until the completion of the Environmental Assessment presently being carried out by the Region of Halton with respect to the landfill component for the Region of Halton, so as to avoid any undermining of Halton's Environmental Assessment of the landfill component required in Halton.

6. THAT, in relation to the National Sewer Pipe application for amendment to the Parkway Belt West Plan to allow for the establishment and operation of a landfill and resource recovery facility on their lands to the north of Highway 403 west of King Road and east of the Regional Landfill Site in Burlington, the Minister of Municipal Affairs and Housing, The Honourable Claude Bennett, be advised of the Region's request to the Lieutenant Governor-in-Council for designation of the National Sewer Pipe proposal under The Environmental Assessment Act and of Section 6 of The Environmental Assessment Act which provides that any approval required under any statute of the Province of Ontario shall not be issued or granted unless the Environmental Assessment has been submitted to and accepted by the Minister, and the Minister has given approval to proceed with the undertaking.

THE
REGIONAL
MUNICIPALITY
OF
HALTON



RESOLUTION NO. _____

DATE _____

Page 6

Moved by: _____

Seconded by: _____

7. THAT, pending the determination by the Lieutenant Governor-in-Council as to the Regional request for designation of the National Sewer Pipe proposal under The Environmental Assessment Act, the Minister of Municipal Affairs and Housing provide for a period of time of at least nine months or more under Section 6 of The Ontario Planning and Development Act respecting the receipt of comments on the Parkway Belt West Plan amendment proposed by National Sewer Pipe to allow for the completion of the Environmental Assessment by the Region of Halton of its landfill component. This would then permit Halton to participate and make comments in the Parkway Belt Plan Amendment process as envisioned by The Ontario Planning & Development Act based on the results of an Environmental Assessment of the landfill component needed in Halton.

8. THAT, should the National Sewer Pipe proposal be designated under The Environmental Assessment Act, then the Parkway Belt Plan Amendment process initiated by the Minister of Municipal Affairs and Housing should be suspended pending the completion and approval of an Environmental Assessment as required under Section 6 of the Environmental Assessment Act.

CERTIFIED A TRUE COPY

REGIONAL MUNICIPALITY OF HALTON

[Signature]
.....
Acting Regional Clerk

"J. N. RAFTIS"

CHAIRMAN



THE REGIONAL MUNICIPALITY OF HALTON

Office of the Chief
Administrative Officer

P.O. BOX 7000
1151 BRONTE ROAD
OAKVILLE, ONTARIO L6J 6E1
416/827-2151

1983 03 29

BY COURIER

The Honourable Keith Norton,
Minister of the Environment,
135 St. Clair Ave. W., 14th Floor,
Queen's Park,
Toronto, Ontario M4V 1P5

Dear Mr. Minister:

Re: National Sewer Pipe Application - Establishment of a
Landfill on N.S.P. Land in Burlington - Request for
Designation under The Environmental Assessment Act

Further to my letter to you under date of February 21st, 1983, Regional Council has considered the above noted and at its meeting on March 23, passed a resolution, a certified copy of which is attached.

The essence of the resolution is to request the Lieutenant Governor-in-Council to designate the National Sewer Pipe Limited proposal for the establishment and operation of a sanitary landfill and resource recovery facilities on its lands north of Highway 403, west of King Road and east of the existing Burlington Regional Landfill Site, in Burlington, as a proposal under The Environmental Assessment Act.

Reasons for the Regional Council request are set out in Item #2 of the resolution. The essence of that reasoning is that the selection of any waste disposal site, be it public or private, should be based on the same approval process and since a municipality must follow The Environmental Assessment Act, so should any private proponent. Further, the Region is presently undertaking an Environmental Assessment of the landfill component needed in Halton for the next twenty years to serve the waste disposal needs of all of its citizens. Out of that assessment should come the answer to one of the first crucial questions for the National Sewer Pipe proposal and that is:

"Is it required in the Solid Waste Management System for Halton for the next twenty years?"

The reason for this letter to you is to seek your assistance in having the National Sewer Pipe proposal designated under the Environmental Assessment Act.

BURLINGTON

639-4540

HALTON HILLS
ACTON

853-0501

HALTON HILLS
GEORGETOWN

878-8113

MILTON

878-8113

OAKVILLE

827-2151

Further, should the designation occur, then Regional Council would respectfully request that you issue an Order under Section 34 of The Environmental Assessment Act indicating that The Environmental Assessment Act shall apply to the undertaking and proponent and the Public Hearing under The Environmental Protection Act shall be deemed not to be required.

In Point #5 of the Recommendation of Regional Council, you are respectfully requested by Regional Council, should the Lieutenant Governor-in-Council refuse to designate the National Sewer Pipe proposal under The Environmental Assessment Act, to defer consideration of the National Sewer Pipe application under The Environmental Protection Act until the completion of the Environmental Assessment presently being carried out by the Region of Halton, so as to avoid any undermining of Halton's Environmental Assessment as to the landfill component, if any, required in Halton.

A copy of the letter to the Lieutenant Governor-in-Council is submitted for your information.

Also attached is a copy of the staff report which was approved by Regional Council for submission and support of the resolution which was passed.

If you have any questions or require any further information, please feel free to contact me.

Yours very truly,



Dennis Y. Perlin,
Chief Administrative Officer
DYP:js

cc: Chairman J. N. Raftis, P.Eng.
Mr. C. E. McIntyre, Director of Environmental Approvals
Mr. P. Rennick, Director of Environmental Assessments
Mr. M. Pratt, Planner, Environmental Assessment Branch
Mr. G. Mierzynski, Director - Central Region
Mr. K. Hogg, Central Region
Mr. J. G. Donnelly, Environmental Approvals Branch
Mr. Paul Isles, Environmental Approvals Branch
Mr. R. W. J. Moore, Director of Public Works
Mr. R. Mohammed, Director of Planning
Mr. P. Walker, Walker, Wright, Young & Associates
Mr. D. Hodgson, Osler, Hoskin & Harcourt
Mr. R. Tuer, Fasken & Calvin
Mr. R. Christensen, National Sewer Pipe



Office of the
Minister

Ministry
of the
Environment

135 St. Clair Avenue West
Toronto, Ontario
M4V 1P5
416/965-1611

5 JUL 1983

Mr. Dennis Y. Perlin,
Chief Administrative Officer,
The Regional Municipality of Halton,
P. O. Box 7000,
1151 Bronte Road,
Oakville, Ontario.
L6J 6E1

RECEIVED

A.M. _____

P.M. _____

JUL 1 1983

CHIEF ADMINISTRATOR
REGIONAL MUNICIPALITY
OF HALTON

Dear Mr. Perlin:

Re: National Sewer Pipe Limited
Landfill Site Approval

Thank you for your letters of March 29th, April 26th and 29th, in which you request that Cabinet designate National Sewer Pipe's landfill site proposal under the Environmental Assessment Act.

The matter of the relationship of National Sewer Pipe's application for approval under the Environmental Protection Act to your Region's environmental assessment effort was discussed by all parties on May 17th. I understand that this meeting was beneficial to all parties and that a mutually acceptable process for co-ordinating the two planning efforts began to emerge.

I have been advised by staff that the consultants for National Sewer Pipe and your Region's consultants are discussing the content of the final work program. The document sets out the schedule for site selection - the stage of planning which will identify the role that National Sewer Pipe's proposal may play in your Region's overall waste management program.

As I understand the process tentatively agreed to on May 17th, (to be confirmed by all parties on June 30th), National Sewer Pipe will not request that a decision be made on their application for approval under the Environmental Protection Act until the end of 1983, by which time your Region will have identified a preferred site(s).

For the reasons outlined above I am not prepared, at this time, to consider designating National Sewer Pipe's proposal under the Environmental Assessment Act.

I understand the problems that could occur if a hearing under the Environmental Protection Act were held before Halton's environmental assessment effort is completed. However, I am satisfied that such a situation will not occur. I have no intention of disrupting the progress of Halton's environmental assessment and I look to the co-operation of all parties in this matter.

Before closing, I must remind you of the need to obtain approval for a strategy for managing waste in the interim period between March of 1984 and the date upon which a long term waste solution can be operational. Application for this approval must be made in the immediate future so as to avoid the creation of an emergency situation.

Once again, thank you for writing and bringing your concerns to my attention.

Yours very truly,



Keith C. Norton,
Minister,
M.P.P. Kingston
and the Islands.

cc: The Honourable Claude Bennett,
Minister of Municipal Affairs and Housing.

Mr. R. Christensen, Vice-President,
National Sewer Pipe Limited.

Dr. E.E. Stewart,
Clerk of the Executive Council.

