



**Durham Region  
Residual Waste Disposal  
Planning Study**

---

**Summary Report and Record  
Of Public Information  
Sessions**

**The Development of Environmental  
Assessment Terms of Reference  
(EA Terms of Reference)**

---

**Final Report on  
Public Information Sessions  
October 6<sup>th</sup> through November 23<sup>rd</sup> , 2004**

January 2005





# DURHAM REGION RESIDUAL WASTE DISPOSAL STUDY

## PUBLIC INFORMATION SESSIONS

---

*"Summary Report and Record of Public  
Information Sessions held from  
October 6<sup>th</sup>, 2004 to November 23<sup>rd</sup>, 2004"*

---

Final Report  
January 2005

Prepared by:



---

**MacViro Consultants Inc.**  
600 Cochrane Drive, Suite 500  
Markham, Ontario, Canada  
L3R 5K3



---

**Jacques Whitford Limited.**  
7271 Warden Avenue  
Markham, Ontario, Canada L3R 5X5

---

## TABLE OF CONTENTS

<b>1. INTRODUCTION</b> .....	<b>1</b>
1.1. OVERVIEW OF ENVIRONMENTAL ASSESSMENT (EA) TERMS OF REFERENCE CONSULTATION PROGRAM .....	1
1.2. PURPOSE .....	2
<b>2. OVERVIEW</b> .....	<b>3</b>
2.1. DATES, TIMES, AND LOCATIONS.....	3
2.2. NOTIFICATION .....	3
2.3. PUBLIC INFORMATION SESSION FORMAT.....	6
2.4. STUDY TEAM MEMBERS IN ATTENDANCE .....	6
<b>3. INFORMATION PRESENTED</b> .....	<b>8</b>
<b>4. PUBLIC ATTENDANCE</b> .....	<b>8</b>
<b>5. COMMENTS RECEIVED</b> .....	<b>9</b>
<b>6. REVIEW AGENCY AND STAKEHOLDER CONSULTATION</b> .....	<b>16</b>

### LIST OF FIGURES

FIGURE 2-1 PUBLIC INFORMATION SESSION NOTICE .....	5
----------------------------------------------------	---

### LIST OF TABLES

TABLE 2-1 NOTIFICATION TO MEDIA.....	3
TABLE 2-2 PROJECT TEAM MEMBERS IN ATTENDANCE.....	6
TABLE 2-2 PROJECT TEAM MEMBERS IN ATTENDANCE (CONT'D).....	7
TABLE 3-1 PUBLIC ATTENDANCE AT EACH OF THE INFORMATION SESSIONS.....	8
TABLE 5-1 .....	9
SUMMARY OF COMMENTS RECEIVED FROM OCTOBER 6 <sup>TH</sup> , 2004 TO NOVEMBER 23 <sup>RD</sup> , 2004 AT THE PUBLIC INFORMATION SESSIONS HELD IN THE REGION OF DURHAM .....	9

**LIST OF APPENDICES**

<b>APPENDIX 1</b>	DISPLAY BOARDS
<b>APPENDIX 2</b>	LIST OF ATTENDEES
<b>APPENDIX 3</b>	COMMENT SHEET
<b>APPENDIX 4</b>	SUMMARY OF RESPONSES

## **1. INTRODUCTION**

### **1.1. Overview of Environmental Assessment (EA) Terms of Reference Consultation Program**

In accordance with the Province of Ontario's Environmental Assessment Act (EAA), EA Terms of Reference, developed in consultation with the public and submitted to the Minister of the Environment for approval, must include an account or record of the public consultation process. As a first step in undertaking the EA Terms of Reference component of the Durham Region Residual Waste Disposal Study work program, Public Information Sessions were held to introduce the all interested parties to key Study components.

This summary report has been prepared as part of the required public consultation record to be submitted with the proposed EA Terms of Reference.

To date, the following consultation events have been hosted by Durham Region as a first step in undertaking the development of EA Terms of Reference for Durham Region's Residual Waste Disposal Study:

#### **1.1.1. Consultation Completed to Date**

- Public Information Sessions (held from October 6<sup>th</sup> to November 23<sup>rd</sup>, 2004) on the initiation of the EA Terms of Reference preparation (i.e. subject of this document).

#### **1.1.2. Consultation Planned for 2005**

The following consultation events are planned for 2005 as part of the preparation of the EA Terms of Reference for the Durham Region Residual Waste Disposal Study:

- Three (3) public workshop sessions on the identification of "Alternatives To" as defined by the Act and the methodology and preliminary criteria for their evaluation;
- Three (3) public workshop sessions on the identification of "Alternative Methods" as defined by the Act together with consideration of the site selection methodology and preliminary criteria for their evaluation (i.e. proposed site identification and site selection process);
- Three (3) public workshop sessions on the development of the consultation plan to be implemented as part of the EA study (i.e. how people will be consulted during the EA study), and;

- Public Information Sessions on the draft EA Terms of Reference.

A summary report will be prepared for each of these events and these reports will serve as the record of consultation to be submitted along with the proposed EA Terms of Reference.

In addition to the above planned consultation events, the EA Terms of Reference consultation process includes several other opportunities for the public, agencies and other interested parties to obtain information and provide comments on the Terms of Reference development process. These include:

- A Study website ([www.region.durham.on.ca](http://www.region.durham.on.ca)) that includes: a description of the Study background together with key Study documentation, as it becomes available; an online comment form and email address; and contact information for the Region relative to the Study.
- A government agency contact list together with the notices sent to agencies regarding the Study and a request for feedback on future consultation needs.

The results of these initiatives will also be included with the EA Terms of Reference as part of the consultation record.

## **1.2. Purpose of the Public Information Sessions**

The first round of eight (8) Public Information Sessions were held between October 6<sup>th</sup>, 2004 and November 23<sup>rd</sup>, 2004. The purpose of these sessions was to: (1) introduce the Study, and (2) to communicate the need for finding a Durham solution and present the requirements of Ontario's Environmental Assessment Act. This series of introductory events also laid out opportunities for future consultation and input during development of the EA Terms of Reference.

## 2. OVERVIEW

### 2.1. Dates, Times, and Locations

There were eight (8) Public Information Session events held throughout the Region of Durham - one in each area municipality. The following lists the dates, times and locations of these events.

<b>Public Information Sessions: October 6, 2004 to November 23, 2004</b>		
<b>Date</b>	<b>Time</b>	<b>Location</b>
October 6 <sup>th</sup> , 2004	7:00 p.m. till 9:00 p.m.	Northview Public Library, 250 Beatrice Street East, City of Oshawa
October 12 <sup>th</sup> , 2004	7:00 p.m. till 9:00 p.m.	Cannington Community Centre, 91 Elliott Street, Township of Brock
October 20 <sup>th</sup> , 2004	7:00 p.m. till 9:00 p.m.	Council Chamber, 575 Rossland Road East, Town of Whitby
October 26 <sup>th</sup> , 2004	7:00 p.m. till 9:00 p.m.	Port Perry Community Centre, 1655 Reach Street, Township of Scugog
November 3 <sup>rd</sup> , 2004	7:00 p.m. till 9:00 p.m.	Garnet B. Rickard Complex, 2440 King Street West, Municipality of Clarington
November 9 <sup>th</sup> , 2004	7:00 p.m. till 9:00 p.m.	Council Chamber, 51 Toronto Street South, Township of Uxbridge
November 17 <sup>th</sup> , 2004	7:00 p.m. till 9:00 p.m.	Council Chamber, 1 The Esplanade, City of Pickering
November 23 <sup>rd</sup> , 2004	7:00 p.m. till 9:00 p.m.	McLean Centre, 95 Magill Road, Town of Ajax

### 2.2. Notification

Notification of these Public Information Session events was issued through placement of notices in local weekly newspapers that serve the Region of Durham as identified in Table 2-1:

**TABLE 2-1 NOTIFICATION TO MEDIA**

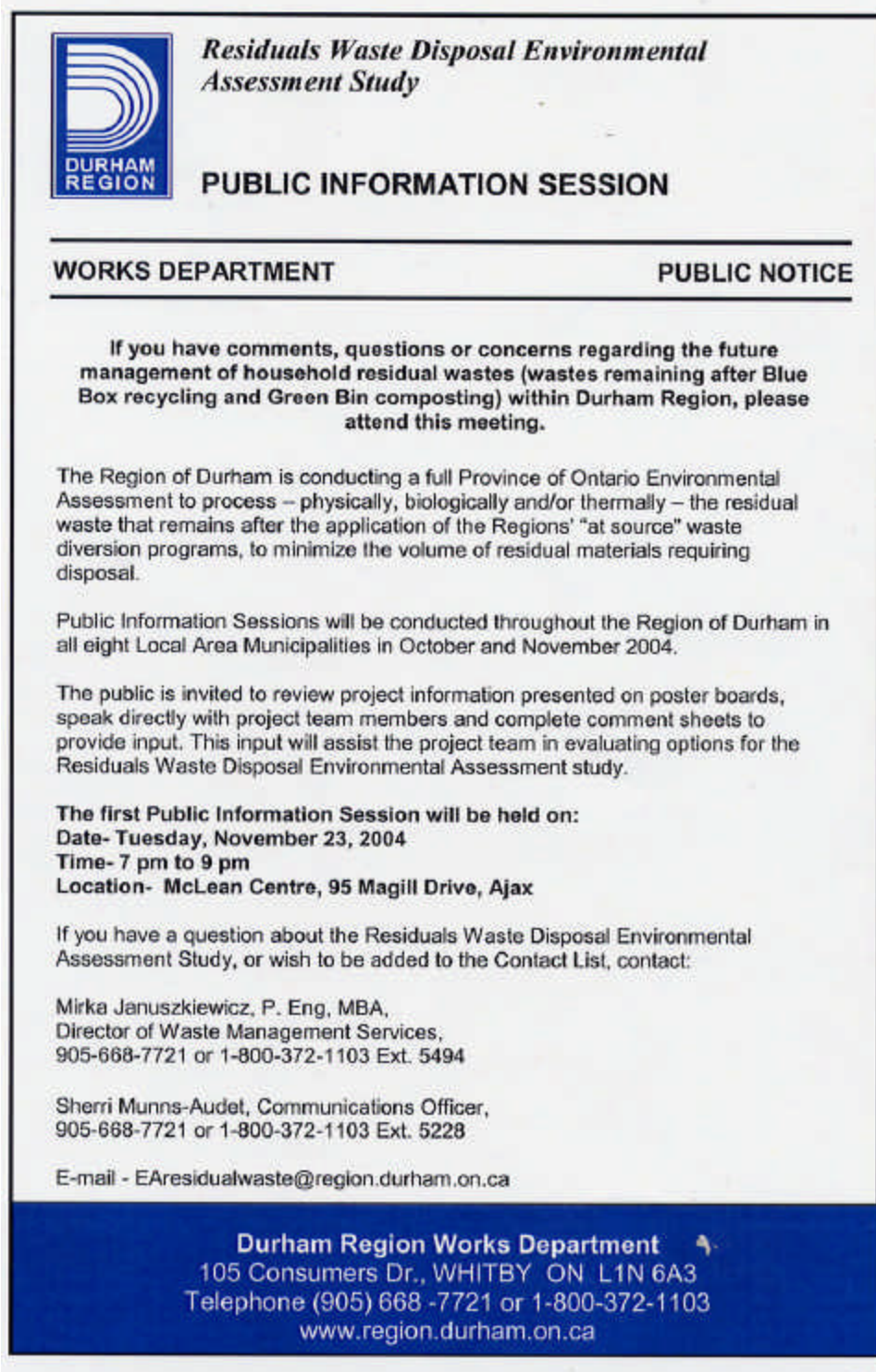
<b>Public Info. Session</b>	<b>Public Info. Session Date</b>	<b>Durham Area</b>	<b>Newspaper</b>	<b>Date Notice Issued</b>
#1.	Oct.06.04	City of Oshawa	Oshawa Whitby This Week	September 26, 2004
#1.	Oct.06.04	City of Oshawa	Oshawa Whitby This Week	September 29, 2004
#2.	Oct.12.04	Township of Brock	Brock Citizen	October 8, 2004
#3.	Oct. 20.04	Town of Whitby	Whitby This Week	October 17, 2004
#4.	Oct.26.04	Township of Scugog	Port Perry This Week	October 22, 2004
#5.	Nov.03.04	Municipality of Clarington	of Clarington This Week	October 27, 2004
#5.	Nov.03.04	Municipality of Clarington	of Clarington This Week	October 31, 2004


---

<b>Public Info. Session</b>	<b>Public Info. Session Date</b>	<b>Durham Area</b>	<b>Newspaper</b>	<b>Date Notice Issued</b>
#6.	Nov.09.04	Township of Uxbridge	Uxbridge Tribune	November 3, 2004
#7.	Nov.17.04	City of Pickering	Pickering News Advertiser	November 10, 2004
#7.	Nov.17.04	City of Pickering	Pickering News Advertiser	November 14, 2004
#8.	Nov.23.04	Town of Ajax	Pickering News Advertiser	November 17, 2004
#8.	Nov.23.04	Town of Ajax	Pickering News Advertiser	November 21, 2004

Figure 2-1 An Example of a Public Information Session Notice is illustrated in Figure 2-1 below:

**FIGURE 2-1 PUBLIC INFORMATION SESSION NOTICE**



 **Residuals Waste Disposal Environmental Assessment Study**

**PUBLIC INFORMATION SESSION**

---

**WORKS DEPARTMENT** **PUBLIC NOTICE**

---

**If you have comments, questions or concerns regarding the future management of household residual wastes (wastes remaining after Blue Box recycling and Green Bin composting) within Durham Region, please attend this meeting.**

The Region of Durham is conducting a full Province of Ontario Environmental Assessment to process – physically, biologically and/or thermally – the residual waste that remains after the application of the Regions' "at source" waste diversion programs, to minimize the volume of residual materials requiring disposal.

Public Information Sessions will be conducted throughout the Region of Durham in all eight Local Area Municipalities in October and November 2004.

The public is invited to review project information presented on poster boards, speak directly with project team members and complete comment sheets to provide input. This input will assist the project team in evaluating options for the Residuals Waste Disposal Environmental Assessment study.

**The first Public Information Session will be held on:**  
**Date- Tuesday, November 23, 2004**  
**Time- 7 pm to 9 pm**  
**Location- McLean Centre, 95 Magill Drive, Ajax**

If you have a question about the Residuals Waste Disposal Environmental Assessment Study, or wish to be added to the Contact List, contact:

Mirka Januszkiewicz, P. Eng, MBA,  
Director of Waste Management Services,  
905-668-7721 or 1-800-372-1103 Ext. 5494

Sherri Munns-Audet, Communications Officer,  
905-668-7721 or 1-800-372-1103 Ext. 5228

E-mail - [EResidualwaste@region.durham.on.ca](mailto:EResidualwaste@region.durham.on.ca)

**Durham Region Works Department**  
105 Consumers Dr., WHITBY ON L1N 6A3  
Telephone (905) 668 -7721 or 1-800-372-1103  
[www.region.durham.on.ca](http://www.region.durham.on.ca)

### 2.3. Public Information Session Format

The Public Information Sessions included an informal presentation of display boards. Members from the Study Team were available to discuss content of the display boards and answer questions each evening, from 7:00 p.m. to 9:00 p.m. These consultation events focused on particular aspects of background, scope and work plan activities associated with the Study.

### 2.4. Study Team Members in Attendance

Representatives from Durham Region's Waste Management Services Department together with members of the Study's consultant team - MacViro Consultants Inc. and Jacques Whitford Limited. - attended each of the sessions. Table 2-2 identifies the individual members of the Study team who were in attendance at each of the Public Information Sessions:

**TABLE 2-2 PROJECT TEAM MEMBERS IN ATTENDANCE**

<b>Public Information Session #1. Project Team Members in Attendance on October 6th, 2004 in the City of Oshawa</b>		
Region of Durham	MacViro Consultants Inc	Jacques Whitford Limited
Mirka Januszkiewicz, Director of Waste Management	Beatrice Karczmarzyk Process Coordinator	David Walmsley, Senior Technical Consultant
Rob Owens, Waste Technician, Communications		
<b>Public Information Session #2. Project Team Members In Attendance on October 12th, 2004 in the Township of Brock</b>		
Region of Durham	MacViro Consultants Inc	Jacques Whitford Environmental Ltd
Mirka Januszkiewicz, Director of Waste Management	Beatrice Karczmarzyk Process Coordinator	Not scheduled for attendance
Rob Owens, Waste Technician, Communications	David Merriman, Project Manager & Senior Technical Consultant	
<b>Public Information Session #3. Project Team Members In Attendance on October 20th, 2004 in the Town of Whitby</b>		
Region of Durham	MacViro Consultants Inc	Jacques Whitford Environmental Ltd
Mirka Januszkiewicz, Director of Waste Management	Beatrice Karczmarzyk Process Coordinator	Not scheduled for attendance
Rob Owens, Waste Technician, Communications	David Merriman, Project Manager & Senior Technical Consultant	

**TABLE 2-2 PROJECT TEAM MEMBERS IN ATTENDANCE (CONT'D)**

<b>Public Information Session #4. Project Team Members in Attendance on October 26th, 2004 in the Township of Scugog</b>		
Region of Durham	MacViro Consultants Inc	Jacques Whitford Limited
Mirka Januszkiewicz, Director of Waste Management	Beatrice Karczmarzyk Process Coordinator	David Walmsley, Senior Technical Consultant
Rob Owens, Waste Technician, Communications		
<b>Public Information Session #5. Project Team Members In Attendance on November 3rd, 2004 in the Municipality of Clarington</b>		
Region of Durham	MacViro Consultants Inc	Jacques Whitford Limited
Mirka Januszkiewicz, Director of Waste Management	Beatrice Karczmarzyk Process Coordinator	Not scheduled for attendance
Rob Owens, Waste Technician, Communications	David Merriman, Project Manager & Senior Technical Consultant	
<b>Public Information Session #6. Project Team Members In Attendance on November 9th, 2004 in the Township of Uxbridge</b>		
Region of Durham	MacViro Consultants Inc	Jacques Whitford Limited
Mirka Januszkiewicz, Director of Waste Management	Beatrice Karczmarzyk Process Coordinator	David Walmsley, Senior Technical Consultant
Rob Owens, Waste Technician, Communications		
<b>Public Information Session #7. Project Team Members In Attendance on November 17th, 2004 in the City of Pickering</b>		
Region of Durham	MacViro Consultants Inc	Jacques Whitford Limited
Mirka Januszkiewicz, Director of Waste Management	Beatrice Karczmarzyk Process Coordinator	Not scheduled for attendance
Rob Owens, Waste Technician, Communications	David Merriman, Project Manager & Senior Technical Consultant	
<b>Public Information Session #8. Project Team Members In Attendance on November 23<sup>rd</sup>, 2004 in the Town of Ajax</b>		
Region of Durham	MacViro Consultants Inc	Jacques Whitford Limited
Mirka Januszkiewicz, Director of Waste Management	Beatrice Karczmarzyk Process Coordinator	David Walmsley, Senior Technical Consultant
Rob Owens, Waste Technician, Communications		

### 3. INFORMATION PRESENTED

The display boards presented at each Public Information Session are included in Appendix 1 of this report.

The display boards included the following:

- background on the “Problem” and the “Opportunity” as well as background on Durham’s Integrated Waste Management System;
- information on the environmental assessment and other approvals processes and the role/scope of EA terms of reference; and,
- information on way by which public participation and comments would be accommodated over the course of the Study.

### 4. PUBLIC ATTENDANCE

Representatives from industry, municipalities and the general public attended the Public Information Sessions. The following table displays the attendance for each of the Public Information Sessions held during this phase of the Study:

**TABLE 4-1 PUBLIC ATTENDANCE AT EACH OF THE INFORMATION SESSIONS**

<b>Public Information Sessions: Public Attendance from October 6th to November 23rd, 2004</b>				
<b>Number</b>	<b>Date</b>	<b>Location</b>	<b>Number of Attendees</b>	<b>Attendees Signed-In</b>
1	Oct.06.04	City of Oshawa	11	11
2	Oct.12.04	Township of Brock	1	1
3	Oct.20.04	Town of Whitby	6	4
4	Oct.26.04	Township of Scugog	9	9
5	Nov.03.04	Municipality of Clarington	13	13
6	Nov.09.04	Township of Uxbridge	5	4
7	Nov.17.04	City of Pickering	2	7
8	Nov.23.04	Town of Ajax	6	5

In total, fifty three (53) people attended the Sessions. Appendix 2 contains a list of the attendees and their related information for each of the Sessions.

## 5. COMMENTS RECEIVED

Comment Sheets, in the form of a questionnaire, were made available to each attendee. Table 5-1, below, provides a summary of comments received at the Public Information Sessions. A copy of the comment sheets is included in Appendix 3.

A more detailed summary of findings from the Public Information Sessions' questionnaire is provided in Appendix 4 – *Answers to Questionnaire on Durham's Residual Waste Disposal Study* of this report.

**TABLE 5-1  
SUMMARY OF COMMENTS RECEIVED FROM OCTOBER 6<sup>TH</sup>, 2004 TO NOVEMBER 23<sup>RD</sup>, 2004 AT THE  
PUBLIC INFORMATION SESSIONS HELD IN THE REGION OF DURHAM**

**Session #1. Summary of Comments Received from October 6<sup>th</sup> 2004 Public Information Session Held in the City of Oshawa**

COMMENTS RECEIVED	AFFILIATION
<b><i>Public Information Session Format</i></b>	
<input type="checkbox"/> Somewhat useful	Public
<b><i>Durham Region's Residual Waste Disposal Study</i></b>	
<input type="checkbox"/> The reduction in the amount of waste sent to landfill is very important. It is criminal how much garbage an average household puts out.	Public
<input type="checkbox"/> There should be more recycling to minimize articles such as paint and old furniture that fill up landfills.	Public
<input type="checkbox"/> We need to protect the Earth for future generations it is shameful so many products are disposable.	Public
<b><i>EA Process</i></b>	
<input type="checkbox"/> Let us move along quickly with the EA process.	Public
<input type="checkbox"/> Speed is encouraged	Public
<b><i>Combination of Technologies</i></b>	
<input type="checkbox"/> The ideal combination of technologies would be: EFW and RDF.	Public
<input type="checkbox"/> Do not know enough about the thermal process approach	
<b><i>Benefits of the Study</i></b>	
<input type="checkbox"/> Thermal process approach to energy recovery could be an environmentally sound way of disposing our waste.	Public
<input type="checkbox"/> Any approach in the right direction is a benefit to humanity	Public
<b><i>General Waste Comments</i></b>	
<input type="checkbox"/> Need to expand on recycling program to accept a wider variety of products for recycling.	Public
<input type="checkbox"/> The Region is not doing enough to encourage composting programs. Composters are poorly designed	Public

**TABLE 5-1  
SUMMARY OF COMMENTS RECEIVED FROM OCTOBER 6<sup>TH</sup>, 2004 TO NOVEMBER 23<sup>RD</sup>, 2004 AT THE  
PUBLIC INFORMATION SESSIONS HELD IN THE REGION OF DURHAM**

**Session #2. Summary of Comments Received from October 12<sup>th</sup> 2004 Public Information Session  
Held in the Township of Brock**

COMMENTS RECEIVED	AFFILIATION
<b><i>Public Information Session Format</i></b>	
<input type="checkbox"/> Very useful.	Public
<b><i>Durham Region's Residual Waste Disposal Study</i></b>	
<input type="checkbox"/> Reduction of waste in all forms and minimizing landfill is very important.	Public
<input type="checkbox"/> Agree with Durham's proposed approach. Proud of the compost curbside program.	Public
<b><i>EA Process</i></b>	
<input type="checkbox"/> The Brock Landfill is filling up - quick and thoroughly EA process is needed.	Public
<b><i>Combination of Technologies</i></b>	
<i>No Comments Received.</i>	
<b><i>Benefits of the Study</i></b>	
<i>No Comments Received.</i>	
<b><i>General Waste Comments</i></b>	
<i>No Comments Received.</i>	

**TABLE 5-1  
SUMMARY OF COMMENTS RECEIVED FROM OCTOBER 6<sup>TH</sup>, 2004 TO NOVEMBER 23<sup>RD</sup>, 2004 AT THE  
PUBLIC INFORMATION SESSIONS HELD IN THE REGION OF DURHAM**

**Session #3. Summary of Comments Received from October 20<sup>th</sup> 2004 Public Information Session  
Held in the Town of Whitby**

COMMENTS RECEIVED	AFFILIATION
<b><i>Public Information Session Format</i></b>	
<input type="checkbox"/> Somewhat useful	Public
<b><i>Durham Region's Residual Waste Disposal Study</i></b>	
<input type="checkbox"/> Current waste disposal practices are unreasonable and unsustainable.	Public
<input type="checkbox"/> Agree with introduction of other materials into blue box. Need to educate people about Durham's waste reduction programs.	Public
<input type="checkbox"/> Landfill space is limited and landfills are a long-term environmental liability. Agree with the approach Region of Durham is taking to minimize future landfills.	Public
<b><i>EA Process</i></b>	
<input type="checkbox"/> Waste becomes a valuable commodity when transformed to energy, the EA process should move along with urgency.	Public
<input type="checkbox"/> Durham's approach should move towards completing the EA quickly and efficiently.	Public
<b><i>Combination of Technologies</i></b>	
<input type="checkbox"/> The ideal combination of technologies would be the EFW.	Public
<b><i>Benefits of the Study</i></b>	
<input type="checkbox"/> The thermal process approach would provide much needed energy and reduce emissions from transporting the waste. It will allow for all waste to be managed in Durham.	Public
<input type="checkbox"/> Reduced environmental impact/risk resulting from waste and ultimate financial benefit.	Public
<b><i>General Waste Comments</i></b>	
<input type="checkbox"/> Would like to stop the fleets of transport trucks across the border. The proposed undertaking will provide energy and jobs to the Region.	Public

**TABLE 5-1  
SUMMARY OF COMMENTS RECEIVED FROM OCTOBER 6<sup>TH</sup>, 2004 TO NOVEMBER 23<sup>RD</sup>, 2004 AT THE  
PUBLIC INFORMATION SESSIONS HELD IN THE REGION OF DURHAM**

**Session #4. Summary of Comments Received from October 26<sup>th</sup> 2004 Public Information Session  
Held in the Township of Scugog**

COMMENTS RECEIVED	AFFILIATION
<b><i>Public Information Session Format</i></b>	
☐ Not Very Useful	Public
<b><i>Durham Region's Residual Waste Disposal Study</i></b>	
☐ Less landfill. Do not agree with the approach Durham is taking. Product stewardship should be the starting point to residual waste management	Public
<b><i>EA Process</i></b>	
<i>No Comments Received.</i>	Public
<b><i>Combination of Technologies</i></b>	
☐ The ideal combination of technologies would include the following proposed options: Physical & Biological processing and RDF.	Public
☐ Thermal process approach to energy recovery can be good if it is viable and if emissions can be controlled.	
<b><i>Benefits of the Study</i></b>	
☐ Benefit to Durham only via income from garbage.	Public
<b><i>General Waste Comments</i></b>	
☐ Push the Provincial and Federal governments for product stewardship	Public

**TABLE 5-1  
SUMMARY OF COMMENTS RECEIVED FROM OCTOBER 6<sup>TH</sup>, 2004 TO NOVEMBER 23<sup>RD</sup>, 2004 AT THE  
PUBLIC INFORMATION SESSIONS HELD IN THE REGION OF DURHAM**

**Session #5. Summary of Comments Received from November 3<sup>RD</sup>, 2004 Public Information Session  
Held in the Municipality of Clarington**

COMMENTS RECEIVED	AFFILIATION
<b><i>Public Information Session Format</i></b>	
<input type="checkbox"/> Somewhat useful	Public
<b><i>Durham Region's Residual Waste Disposal Study</i></b>	
<input type="checkbox"/> Land should not be wasted on garbage.	Public
<input type="checkbox"/> We have a limited amount of land available for waste disposal. Waste remains in the ground causing environmental problems. Keep landfill sites as small as possible.	Public
<input type="checkbox"/> The current approach the Region is taking to minimize future landfill is evident through current recycling and green bin programs, but more should be done about excessive packaging of products.	Public
<input type="checkbox"/> Durham's approach is good with exception of incineration. Strongly oppose to incineration. Air quality is a serious problem.	Public
<b><i>EA Process</i></b>	
<input type="checkbox"/> EA study should not be completed quickly, shortcuts may invalidate the process.	Public
<input type="checkbox"/> The EA should be completed as quickly and efficiently as possible.	Public
<input type="checkbox"/> Public meetings should proceed with informed decision making to move the next step of the EA process.	Public
<input type="checkbox"/> Strongly object to the misleading terminology of " energy from waste" and "processing waste thermally". These terms are misleading and attempt to hide the suggestion of incineration. Virtually everyone understands the meaning of incineration.	Public
<b><i>Combination of Technologies</i></b>	
<input type="checkbox"/> The ideal combination of technologies would be the Energy from Waste (EFW).	Public
<input type="checkbox"/> The ideal combination of technologies would be the Physical and Biological Processing.	Public
<b><i>Benefits of the Study</i></b>	
<input type="checkbox"/> We are not burying our problem.	Public
<b><i>General Waste Comments</i></b>	
<input type="checkbox"/> Thermal process approach to energy has not been proven to be safe. Precautionary principle must be applied prior to any more incineration.	Public
<input type="checkbox"/> We have no long-term experience with the "new" "safer" technologies therefore any possible problems cannot truly be determined.	Public

**TABLE 5-1  
SUMMARY OF COMMENTS RECEIVED FROM OCTOBER 6<sup>TH</sup>, 2004 TO NOVEMBER 23<sup>RD</sup>, 2004 AT THE  
PUBLIC INFORMATION SESSIONS HELD IN THE REGION OF DURHAM**

**Session #6. Summary of Comments Received from November 9<sup>TH</sup>, 2004 Public Information Session  
Held in the Township of Uxbridge**

COMMENTS RECEIVED	AFFILIATION
<p><b><i>Public Information Session Format</i></b>  <input type="checkbox"/> Useful</p>	Public
<p><b><i>Durham Region's Residual Waste Disposal Study</i></b>  <input type="checkbox"/> Agree with Durham's proposed approach.</p>	Public
<p><b><i>EA Process</i></b>  <input type="checkbox"/> A quick and efficient approach is needed</p>	Public
<p><b><i>Combination of Technologies</i></b>  <input type="checkbox"/> The ideal combination of technologies would be RDF  <input type="checkbox"/> Agree with thermal process approach.</p>	Public Public
<p><b><i>Benefits of the Study</i></b>  <input type="checkbox"/> It is easier to deal with refuse locally.</p>	Public
<p><b><i>General Waste Comments</i></b>  <input type="checkbox"/> In the past too much reusable material was buried (aluminum). Asphalt roof shingles are sent to landfills when they can be reused. Teach residents the RRR.</p>	Public

**TABLE 5-1  
SUMMARY OF COMMENTS RECEIVED FROM OCTOBER 6<sup>TH</sup>, 2004 TO NOVEMBER 23<sup>RD</sup>, 2004 AT THE  
PUBLIC INFORMATION SESSIONS HELD IN THE REGION OF DURHAM**

**Session #7. Summary of Comments Received from November 17<sup>th</sup>, 2004 Public Information Session Held in the City of Pickering**

There were no comments provided from the November 17<sup>th</sup>, 2004 Public Information Session.

**Session #8. Summary of Comments Received from November 23<sup>rd</sup>, 2004 Public Information Session Held in the Town of Ajax**

COMMENTS RECEIVED	AFFILIATION
<b><i>Public Information Session Format</i></b>	
<input type="checkbox"/> Somewhat Useful.	Public
<input type="checkbox"/> Insufficient Information Presented	Public
<b><i>Durham Region's Residual Waste Disposal Study</i></b>	
<input type="checkbox"/> The reduction in the amount of waste sent to landfill is important. Agree with the approach the Region of Durham is taking to minimize future landfill requirements	Public
<input type="checkbox"/> Landfilling is an archaic technology that has tremendous impact on area residents and alternatives must be developed.	Agency
<input type="checkbox"/> Good stewardship over limited resource.	Public
<input type="checkbox"/> Durham should expand options to consider bio conversion to oil. Consider landfill location outside Durham.	Public
<input type="checkbox"/> Agree with proposed approach, must be carried through with adequate technical information.	Public
<b><i>EA Process</i></b>	
<input type="checkbox"/> Agree with Durham's proposed approach of completing the EA as quickly and efficiently as possible. No comment on concerns at this early stage.	Public
<input type="checkbox"/> Processes such as this one do not garner much public attention until location of facility is proposed. It is critical that the study up to this point be as thorough as possible to ensure public interest and awareness grows at a healthy rate. Speed does not necessarily translate into efficiency. No rationale available in support of any of the suggested technologies.	Agency
<b><i>Combination of Technologies</i></b>	
<input type="checkbox"/> Recycling is a good start.	Public
<input type="checkbox"/> Physical Biological Processing + EFW + RDF + other	Public
<b><i>Benefits of the Study</i></b>	
<input type="checkbox"/> Returning to Earth what we do not need and re-grow from it what we need.	Public
<input type="checkbox"/> Responsible handling of waste stream	Public

**TABLE 5-1  
SUMMARY OF COMMENTS RECEIVED FROM OCTOBER 6<sup>TH</sup>, 2004 TO NOVEMBER 23<sup>RD</sup>, 2004 AT THE  
PUBLIC INFORMATION SESSIONS HELD IN THE REGION OF DURHAM**

***General Waste Comments***

- *No comments provided*

***Additional Comments***

- Important undertaking – minimize waste over all. Should not site incinerators near residential areas. Consider novel technologies and look at siting landfill outside of Durham, including major research funding source for managing waste and minimizing negative effects. Public
- Comments regarding the Proposed Purpose of the Undertaking: “There would appear to be two distinct purposes that could be articulated within the purpose statement: (1) to minimize the amount of material requiring landfill disposal and (2) to process the residual waste to recover resources (material energy). Currently, the background material provides the rationale for (1), but not for (2) as a distinct objective. Agency

## 6. REVIEW AGENCY AND STAKEHOLDER CONSULTATION

As part of the consultation activities for this Study, in addition to the Public Information Sessions, a database was developed for interested stakeholders and government review agencies. A Notice of Project Commencement was sent to 192 agencies including: Federal and Provincial authorities, local authorities, public utilities, commissions, special interest groups, local media and First Nations. To date, the response from agencies has been limited with twenty (20) agencies responding. Some requested to be removed from the Study contact list. Consultation with government review ministries/agencies, First Nations, non-governmental organizations and individuals (i.e. stakeholders) as well as responses to comments and issues addressed, will continue to be documented and will be available for public review during the Study completion process.

# **Appendix 1**

## Display Boards



---

# *Durham Region's Residual Waste Disposal Environmental Assessment Study*

---

Residual Waste Disposal Environmental Assessment Study



## Public Information Sessions

---

**7:00 to 9:00 p.m.**

### **Locations and Dates**

City of Oshawa - Northview Public Library, 250 Beatrice St. East, Oshawa Wed. Oct. 6

Township of Brock -Cannington Community Centre, 91 Elliott St., Tue. Oct. 12

Town of Whitby – Council Chamber, 575 Rossland Rd. East, Whitby Wed. Oct. 20

Township of Scuogog- Port Perry Community Centre, 1655 Reach St., Tue. Oct. 26

Municipality of Clarington - Garnet B. Rickard Complex, 2440 King St. West, Wed. Nov. 3

Township of Uxbridge - Council Chamber, 51 Toronto St. South, Uxbridge Tue. Nov. 9

City of Pickering – Council Chamber, 1 The Esplanade, Pickering Wed. Nov. 17

Town of Ajax – McLean Centre, 95 Magill Rd., Ajax Tue. Nov. 23

---

Residual Waste Disposal Environmental Assessment Study



## Public Information Session Topics

---

- **Background Information**
  - The Problem and The Opportunity
  - Integrated Waste Management System
- **Planning & Approval Process**
  - EA Planning & Approvals Process & Timeframe
  - Other Environmental Approval Processes
  - First Step EA Terms of Reference (ToR)
- **Communicating and Getting You Involved**
  - Consultation & Communications Approach
  - Scheduled EA Terms of Reference Consultation Workshops and Information Sessions

---

Residual Waste Disposal Environmental Assessment Study



## Background Information

### The Problem

---

- *Blue Box Recycling and Green Bin + Yard Waste Composting* still leaves waste to be managed
- Exporting waste to Michigan is not sustainable
- Residents have said “NO” to a landfill in Durham Region
- A “Made-in-Durham” solution must be found

---

Residual Waste Disposal Environmental Assessment Study



## The Opportunity

---

- An opportunity to recover all of the residential source recyclables
- Energy can be recovered from residual waste



## Durham's Integrated Waste Management System

---

Integrated Waste Collection program – Target to divert waste from disposal by up to 60% for 2007 and beyond

- Composting of Green Bin, Yard Waste
- Recycling of Blue Box recyclables

Disposal of residual waste



### Background Information

## Implementation History of Durham's Long-term Waste Management Strategy Plan

**1998**

Public meetings to choose Long Term Waste Plan committee members from 8 area municipalities

**1999**

Long Term (20 year) Waste Plan committee studies, and public sessions bring forth recommendations:

- add more recyclables to Blue Box program, introduce Kitchen Waste collection for composting
- explore an Energy From Waste program for residual wastes,
- consider a Re-Use centre

**2003**

Integrated Waste Collection (Green Bin, Yard Waste for composting) program introduced in Clarington and Brock, Scugog and Uxbridge Townships

**2003**

More types of recyclables (empty plastic bottles with twist-off tops, empty paper juice and milk cartons, empty paint and aerosol cans) added to Blue Box program Region-wide

**2004**

Empty plastic tubs and lids added to Blue Box program

**2004**

Integrated Waste collection extended to 1,200 homes in Pickering

**2004**

Environmental Assessment process begins to explore management of residual waste

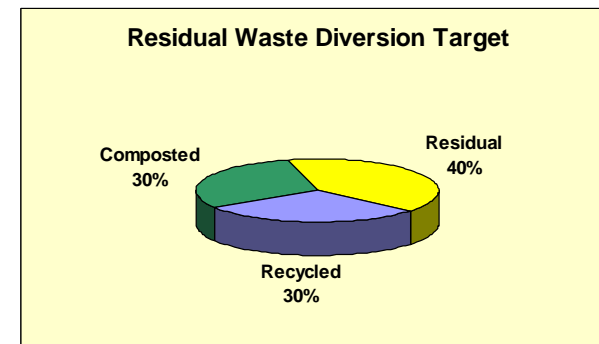
[Residual Waste Disposal Environmental Assessment Study](#)



### Background Information

## Residual Waste Diversion Target - 2006

Maximizing the Integrated Waste Collection program (Blue Box recycling, Kitchen Waste and Yard Waste composting) results in less residual wastes.



[Residual Waste Disposal Environmental Assessment Study](#)



## Planning and Approval Process

### What is an Environmental Assessment ?

- Environmental Assessment Act  
R.S.O. 1990, c. E.18
  - *“The purpose of this Act is the betterment of the people of the whole or any part of Ontario by providing for the protection, conservation and wise management in Ontario of the Environment”*
- Evaluates all alternatives reasonably available for a project
- Identifies a preferred project undertaking considering the advantages and disadvantages to the environment (natural, social, economic, etc.)
- Includes extensive consultation with public, agencies, stakeholders, etc.

Residual Waste Disposal Environmental Assessment Study



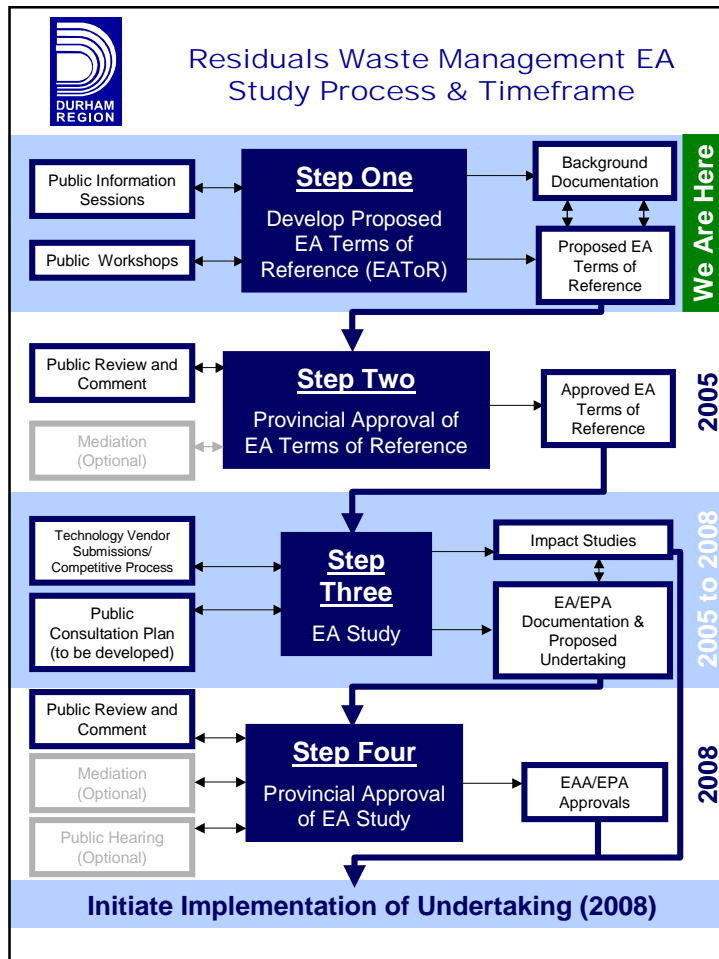
## Planning and Approval Process

### EAA Approvals Process

This study is an *Individual EA*, **NOT** a *Class EA* and therefore requires the following steps to fully address the requirements of the EAA:

1. Proposed EA Terms of Reference prepared
2. EA Terms of Reference submitted to Minister of Environment for Approval
  - May be approved, modified, referred to mediation, or rejected
3. EA Study completed in accordance with approved EA Terms of Reference
4. EA Study submitted to Minister of Environment for approval
  - May be approved, modified, referred to mediation or a public hearing or, rejected

Residual Waste Disposal Environmental Assessment Study



**Planning and Approval Process**

**Other Approvals Required or Potentially Required**

- Environmental Protection Act (EPA)
  - Certificates of Approval for disposal facility, air emissions and potentially other emissions to environment.
- Planning Act
  - Approval of changes in land use designations and/or zoning.
- Ontario Water Resources Act
- Other approvals that may be specific to the undertaking

*Residual Waste Disposal Environmental Assessment Study*



## Planning and Approval Process

### Key Contents of EA Terms of Reference

- Identification of proponent
  - i.e. The Region of Durham
- Purpose and description of the proposed undertaking
- Description of alternatives to the undertaking
- Description of alternative methods of implementing the undertaking
- Description of the environment potentially affected
- Methodology for assessing and evaluating the alternatives and selecting preferred alternative(s)
- Consultation Plan for Environmental Assessment

Residual Waste Disposal Environmental Assessment Study



## Planning and Approval Process

### Proposed Purpose of the Undertaking

- Background Problem and Opportunity  
Considerations related to Proposed Purpose of Undertaking:
  - Wastes (approximately 40% of the total waste generated) will remain after diversion and will require disposal for the foreseeable future.
  - Opportunity exists to capture energy and other resources from post-diversion wastes.
  - Landfill disposal wastes land resources and other recoverable resources (e.g. energy and recyclables) in waste stream)

#### Proposed Purpose of Undertaking

***The purpose of the undertaking is to process – physically, biologically, and/or thermally – the waste that remains after the application of the Region's at source waste diversion programs in order to recover resources – both material and energy – and to minimize the amount of material requiring landfill disposal***

Residual Waste Disposal Environmental Assessment Study



## Planning and Approval Process

### Alternatives Must be Considered !

- Proponents are obligated to consider a reasonable range of two types of alternatives.
- 'Alternatives to'  
Fundamentally different ways of addressing the purpose of the undertaking.  
  
*For Example:*
  - **Physical & Biological Processing:** physical processing to recover recyclables and/or biological processing to produce methane as a fuel for energy production, and land filling of the residues.
  - **Energy-from-Waste or Waste to Energy:** incineration of mixed waste with utilization of heat for energy production, recovery of recyclable metals in front of thermal unit or at back-end from ash by physical processing, and land filling of the residues.
  - **RDF Production & Sale to a User:** physical processing of mixed waste stream to produce a refuse derived fuel (RDF) for sale to a facility / such as cement kiln operation requiring a fuel source.
- 'Alternative Methods'  
Different ways of implementing a preferred approach (Primarily 'Siting' in waste management EA's)

Residual Waste Disposal Environmental Assessment Study



## Planning and Approval Process

### Evaluation Methodology

- Proponent must provide sufficient information about proposed impact assessment methods and criteria
  - Public and agencies must be able to understand and follow the process of evaluating alternatives and selecting the preferred alternative.
- Any of the following used during the EA should be documented:
  - Studies, research, surveys or tests to be completed
  - Standards or methods that must be followed and referenced during consultation with relevant government departments and agencies

Residual Waste Disposal Environmental Assessment Study



## Communicating and Getting You Involved

### Public Comment and Participation at All Levels



Residual Waste Disposal Environmental Assessment Study



## Communicating and Getting You Involved

### Communications Overview

- Consultation required by *Environmental Assessment Act (EAA)*
  - Consultation plan to be developed as part of EA Terms of Reference
  - Will include public information meetings, workshops, notices, and opportunities to submit comments
- **Communications Procedure**
  - Communication of the study will be easy to understand and promote responses
  - Communications will gain community support of the study decisions and results

Residual Waste Disposal Environmental Assessment Study



## Communicating and Getting You Involved

### Planned Consultation Events for EA Terms of Reference Development

- **Public Information Sessions**
  - ⇒ Introduction to Study and Opportunities to Participate
    - October / November, 2004
  
- **Future Consultation:**
  - ⇒ **Public Workshops**
    - To involve public in development of key EA Terms of Reference content (e.g. alternatives, proposed consultation, etc.)
  
  - ⇒ **Draft EA Terms of Reference Information Sessions:**
    - Presentation of draft proposed EA Terms of Reference for public and agency comments

Residual Waste Disposal Environmental Assessment Study



## Communicating and Getting You Involved

### How Will We Communicate?

- **How can you keep up-to-date with study progress and access study results as they become available?**

Visit the Region of Durham Web site at

[www.region.durham.on.ca](http://www.region.durham.on.ca)

Click on "Waste" from the Services Menu, Choose Environmental Assessment button

- **How do I get on the study's contact list to receive future notices and study related documentation?**

Tell Durham Region you would like your name on the contact list.

- **How can you ask a question or provide a comment?**

- **In person**, at any Public Information Session

- **Electronically** by **E-mail** to:  
[EAresidualwaste@region.durham.on.ca](mailto:EAresidualwaste@region.durham.on.ca)

- **By telephone:** 905-668-7721

or 1-800-372-1103 – Extension 5494

**By mail to:**

Regional Municipality of Durham  
Works Department – Waste Management Services  
PO Box 623, Whitby ON L1N 6A3

**Or by Fax:** 905-668-7494

Residual Waste Disposal Environmental Assessment Study

# **Appendix 2**

List of Attendees

**Durham Region's Residual Waste Disposal EA Study**  
**List of Attendees at Public Information Sessions from October 6th to November 23rd, 2004**  
*Evening Sessions, 7:00 p.m. to 9:00 p.m.*

Public Information Session #1: October 6, 2004 - City of Oshawa

<b>Name</b>		<b>Affiliation</b>
Arthur,	Joseph	Public
Cant,	Michael	Public
Cullen,	April	Councillor, City of Oshawa
Guilbert,	Bozena	Public
Hibbert,	Marq	Public
McNab,	Margo	Public
Muir,	Rod	Public
Nieradka,	Stan	Public
Paul,	Dave	Indaco Management, Toronto
Pidwerbecki,	Nester	Councillor, City of Oshawa
Renaud ,	Dave	CAW Durham Regional Environment Council

Public Information Session #2: October 12, 2004 - Township of Brock

<b>Name</b>		<b>Affiliation</b>
Rushton	Matthew A.	Public

Public Information Session #3: October 20, 2004 - Town of Whitby

<b>Name</b>		<b>Affiliation</b>
Coe,	Lorne	Councillor (East Ward)
Ferg ... (?),	Ewen	Public
Gale,	Murray	Councillor
M... (?),	Fera	Public
Rombough,	Kim	Public

Public Information Session #4: October 26, 2004 - Township of Scugog

<b>Name</b>		<b>Affiliation</b>
Benson,	Lynne M.	Township of Scugog
Corrigan,	Larry	Township of Scugog
Drew,	Bobbie	Public
Froats,	Jennifer	Public
Froats,	Judy	Public
Kemp,	Colin	Public
Lewis,	John E.	Durham Region Labour Council
Pearce,	Marylin	Township of Scugog
Vice,	Deb	Public

Public Information Session #5: November 3, 2004 - Municipality of Clarington

<b>Name</b>		<b>Affiliation</b>
Argyle,	Colin S.	Resident
C....,	Jim	Resident
Caswell,	Terry	Resident
Larsh,	Susan	Resident
McKeever,	Catherine	Resident
McKeever,	James	Resident
McKenzie,	M.A.	Resident
Ravary,	Gary	Resident
Stroud,	E.	Resident
Stroud,	Jean-Michelle	Resident
Trim,	Charlie	Regional Councillor
Vaneyk,	Jacqueline	Resident
Wood,	Raid	Resident

**Durham Region's Residual Waste Disposal EA Study**  
**List of Attendees at Public Information Sessions from October 6th to November 23rd, 2004**  
*Evening Sessions, 7:00 p.m. to 9:00 p.m.*

Public Information Session #6: November 9, 2004 - Township of Uxbridge

<b>Name</b>		<b>Affiliation</b>
Deamond	Kevin	Resident
Herrema	Howie	Councillor Ward 3
O'Connor	Gerri Lynn	Mayor
S...(?)	Ralph	Resident
Self	Susan	Regional Councillor

Public Information Session #7: November 17, 2004 - City of Pickering

<b>Name</b>		<b>Affiliation</b>
Johnson,	Rick	Councillor
Lasilla,	Penhi	Resident
McLean,	Bill	Councillor
Smart,	Jacqueline	Resident
Steele,	David	Resident
Trepanier,	Sylvain	Resident
Williamson,	Shawn	Resident

Public Information Session #8: November 23, 2004 - Town of Ajax

Beaulieu,	Oscar	Resident
Marczak,	John	Resident
Marczak,	Eva	Resident
Brake,	Stephen	Resident
Szwarz,	Janice Auger	Senior Planner, Municipality of Clarington

# **Appendix 3**

Comment Sheet



# Durham Region's Residual Waste Disposal EA Study

## COMMENT SHEET

### PUBLIC INFORMATION SESSION – LOCATION, DATE, 2004

---

Durham Region is interested in hearing the community's comments, questions, concerns and suggestions regarding the development of the Environmental Assessment "Terms of Reference" for the Region of Durham's Residual Waste Disposal. Please take a few minutes to complete this brief comment sheet. All comments will be carefully considered during the development of the Environmental Assessment "Terms of Reference" that will be submitted to the Ontario Minister of the Environment for approval.

1. Is the reduction in the amount of waste sent to landfill important to you? Why?

---

---

---

2. Do you agree with the approach the Region of Durham is taking to minimize future landfill requirements?

---

---

---

3. Do you agree with Durham's proposed approach of completing the EA as quickly and efficiently as possible? Please provide any concerns you may have with the current approach.

---

---

---

---

4. What do you feel the ideal combination of technologies would be, based on the following available options:

- Physical & Biological Processing
- Energy from Waste (EFW) or Waste to Energy
- Refuse Derived Fuel (RDF) Production & Sale to a User, such as cement kiln
- Other Alternative Technologies (suggestion) \_\_\_\_\_

5. Do you agree with the thermal process approach to energy recovery (residual incineration) as part of an integrated approach to waste management in Durham? If yes - why? If no - why not?

---

---

---

6. What do you see as benefits of the proposed undertaking from the perspective of your organization, or as a resident to the area?

---

---

---

7. How useful did you find this Public Information Meeting?

Very Useful				Not Very Useful
1	2	3	4	5

8. How would you describe the nature of your interest in this study?

- \_\_\_\_\_ Member of the General Public (including resident)
- \_\_\_\_\_ Member of an Interest Group (Please specify: \_\_\_\_\_ )
- \_\_\_\_\_ Consultant
- \_\_\_\_\_ Agency Representative (Please specify: \_\_\_\_\_ )
- \_\_\_\_\_ Other (Please specify: \_\_\_\_\_ )

9. Please provide your contact information below (optional). We will notify you of any future events.

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone: \_\_\_\_\_ Email: \_\_\_\_\_

10. Please provide any additional comments you feel are important to any part of the Durham Residual Waste Disposal EA Study in the space provided below or attach an additional page providing your comments.

---



---



---

Please submit this comment sheet in the box provided at the Public Information Meeting prior to your departure, or send your completed questionnaire or other comments by mail or fax by **DATE, 2004** to:

**Ms. Mirka Januszkiewicz**  
 Director of Waste Management Services  
 Durham Region  
 105 Consumers Drive, Box 623  
 Whitby, ON L1N 6A3  
 Phone: 905.668.7721 Ext 5494  
 Fax: 905.668.7494  
 E-mail: [mirka.januszkiewicz@region.durham.on.ca](mailto:mirka.januszkiewicz@region.durham.on.ca)

*or*

[EAresidualwaste@region.durham.on.ca](mailto:EAresidualwaste@region.durham.on.ca)

**The Region thanks you for participating in the Residual Waste Disposal EA Study.**

# **Appendix 4**

## Summary of Responses

# Answers to Questionnaire on Durham's Residual Waste Disposal Study

---

During Public information Sessions held from October 6, 2004 to November 23, 2004 in the Region of Durham fourteen (14) comment sheets were completed. The following report summarizes the questions and answers from these questionnaires marking the first round of public consultation activities for this study. This questionnaire was also available on the Region's project website. Public's responses and comments are *Italicized*.

There were fourteen (14) comment sheets completed and returned.

## 1. Summary of Findings

The responses received indicated the reduction in the amount of waste sent to landfill was very important. Majority of responses supported the approach the Region of Durham is taking to minimize future landfill requirements. Some responses expressed concerns with regards to emissions from incineration and indicated the need to advocate for product stewardship as solution to residual waste management, rather than the proposed undertaking.

Majority of the received responses were in favour of Durham's proposed approach to complete the Environmental Assessment (EA) process effectively. Some responses, however indicated that a "quick" approach would not necessary be effective. The responses indicated that public meetings should proceed with informed decision-making and increasing speed may invalidate the EA process.

Majority of responses favoured Energy From Waste (EFW) at 30% as preferred technology to managing residual waste in Durham. The Physical & Biological Processing in combination with the EFW closely followed this preference at 21%, a combination of all of the suggested technologies was favoured at 14%. Plasma was suggested as an alternative technology.

Majority of responses were in favour of the thermal process approach to energy recovery. The main concern expressed by those disagreeing with the thermal process approach was the lack of long-term experience with the new technologies. There was also interest expressed to learn about technologies for residual waste management in other countries.

All of the responses received were provided mostly by residents of the area (98%) and some by local agencies (2%). The participants felt there would be benefits from the proposed undertaking.

The additional comments provided to the Durham Residual Waste Disposal EA Study indicated the need for the Provincial and Federal governments to promote product stewardship. Noted was an objection to incineration and the allegedly misleading terminology behind the suggested technologies in attempt to hide the suggestion of incineration. Suggested was wider advertisement of this project in the media to encourage better attendance in Public Information Sessions.

Majority of attendees who provided written comments were representatives of the public and interest groups. Overall the Public Information Sessions were rated as useful.

## 2. The Proposed Undertaking

### Q1. Is the reduction in the amount of waste sent to landfill important to you? Why?

---

All of the responses received indicated that the reduction in the amount of waste sent to landfill was very important:

Positive responses: 100%

- Comments:
- *Landfill space is limited and landfills are a long-term liability*
  - *Landfills are unsustainable and unethical*
  - *We need to protect the Earth for future generations, it is shameful so many products are disposable. Good stewardship over limited resource.*
  - *Sending Durham's garbage elsewhere is unethical and unsustainable*
  - *Land should not be wasted on garbage*
  - *Keep landfills as small as possible to show environmental responsibility*
  - *In the past too much reusable material was sent to landfill*

### Q2. Do you agree with the approach the Region of Durham is taking to minimize future landfill requirements?

---

Majority of responses were positive indicating, "agree" (✓) on the approach the Region of Durham is taking to minimize future landfill requirements and a couple responses were negative, indicating "disagree" (✗).

Positive responses: 85% (responses: 12 out of 14)

Negative responses: 15% (responses: 2 out of 14)

- Comments:
- "Agree" (✓)
- *Need to educate residents of Durham on Durham's waste reduction programs*
  - *There should be more recycling programs to minimize landfill articles (paint, old furniture)*
  - *Proud of the compost curbside program*
  - *Durham should encourage full-compliance with recycling via incentives*
  - *More needs to be done about excessive packaging of products*
  - *The current approach is good with exception of incineration*

- Comments
- "Disagree" (✗)
- *Product stewardship should be the starting point*
  - *The Region is not doing enough to encourage composting programs. Composters are poorly designed.*

### Q3. Do you agree with Durham's proposed approach of completing the EA as quickly and efficiently? as possible? Please provide any concerns you may have with the current approach.

---

Responses in favour of current approach: 57% (responses: 8 out of 14)

Responses not in favour of "quick" approach: 29% (responses: 4 out of 14)

Neutral (no comment): 14% (responses: 2 out of 14)

Majority of responses favoured Durham's proposed approach proposed to complete the EA process. Some responses also indicated a "quick" approach would not necessary be effective.

Comments: "in favour"

- *The Brock Landfill is filling up quickly, move along with the EA thoroughly and Quickly*
- *Speed is encouraged*
- *Waste becomes a valuable commodity when transformed to energy*
- *A quick and efficient approach is needed*
- *Agree with proposed approach, must be carried through with adequate technical information.*

Comments "not in favour"

- *Complete the EA efficiently not quickly*
- *Public meetings should proceed with informed decision-making*
- *Shortcuts may invalidate the process*
- *Speed does not necessarily translate into efficiency*

Comments "neutral"

- *Consider landfill location outside Durham*

## **2. The Approach and Benefits**

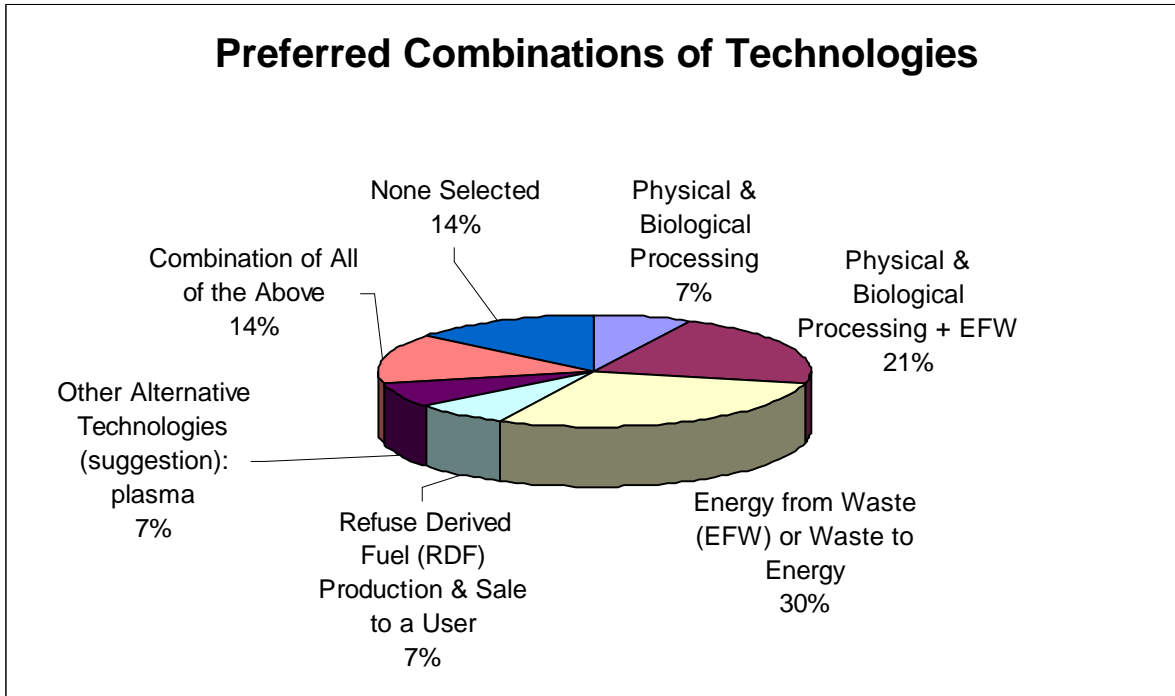
**Q4.** What do you feel the ideal combination of technologies would be, based on the following available options:

---

- Physical & Biological Processing
- Energy from Waste (EFW) or Waste to Energy
- Refuse Derived Fuel (RDF) Production & Sale to a User, such as cement kiln
- Other Alternative Technologies (suggestion)\_\_\_\_\_

Majority of responses favoured Energy From Waste (EFW) at 30% followed by Physical & Biological Processing in combination with the EFW at 21%, a combination of all of the suggested technologies was favoured at 14%. Plasma was suggested as an alternative technology.

## Preferred Combinations of Technologies



Some of the preferred technologies were identified in combination of two or more:

Physical & Biological Processing	-07%	(responses: 1 out of 14)
Physical & Biological Processing + EFW	-22%	(responses: 3 out of 14)
Energy from Waste (EFW) or Waste to Energy	-29%	(responses: 4 out of 14)
Refuse Derived Fuel (RDF) Production & Sale to a User	-07%	(responses: 1 out of 14)
Other Alternative Technologies (suggestion): <i>plasma</i>	-07%	(responses: 1 out of 14)
Combination of all of the above	-14%	(responses: 2 out of 14)
None Selected	-14%	(responses: 2 out of 14)

- Comments:
- *There is no rationale supporting any of the suggested technologies available in this phase of the study.*
  - *Region should consider options of bio-conversion to oil*

**Q5.** Do you agree with the thermal process approach to energy recovery (residual incineration) as part of an integrated approach to waste management in Durham? If *yes* - why? If *no* -why not?

Majority of responses were in favour of the thermal process approach to energy recovery. The main concern expressed by those disagreeing with the thermal process approach was the lack of long-term experience with the new technologies. There was interest expressed to learn about technologies for residual waste management in other countries.

Yes :	57%	(responses: 8 out of 14)
No:	36%	(responses: 5 out of 14)
Not Sure:	7%	(responses: 1 out of 14)

- Comments:
- *We can find an environmentally sound means of disposing our waste with the "Agree" (✓) thermal process approach to energy recovery*

- *Supply energy from waste, conservation practices*
- *Thermal process approach will provide much needed energy and reduce emissions from transporting the waste*
- *It will allow for all waste to be managed in Durham*
- *Good approach if it is viable and if emissions can be controlled*

- Comments: □ *Do not agree with the thermal process approach due to its execution and*  
 “Disagree”(X) □ *management (private versus provincial)*
- *Thermal process approach to energy has not been proven to be safe*
  - *Strongly oppose to incineration. Air quality is a serious problem*
  - *No rationale available in support of the suggested technologies.*
  - *Not without detailed studies. Should not be near residential areas.*

- Comments: □ *Do not know enough about the thermal process approach.*  
 “Not Sure”

**Q6.** What do you see as benefits of the proposed undertaking from the perspective of your organization, or as a resident to the area?

---

All of the responses received by mostly residents of the area (98%) and some agencies (2%), indicated that there were benefits from the proposed undertaking. A concern was expressed whether the energy from waste plan has net gain of energy as well as the role of the proposed undertaking in the light of Kyoto Protocol.

Positive responses: 99 %  
 Negative Responses: 1%

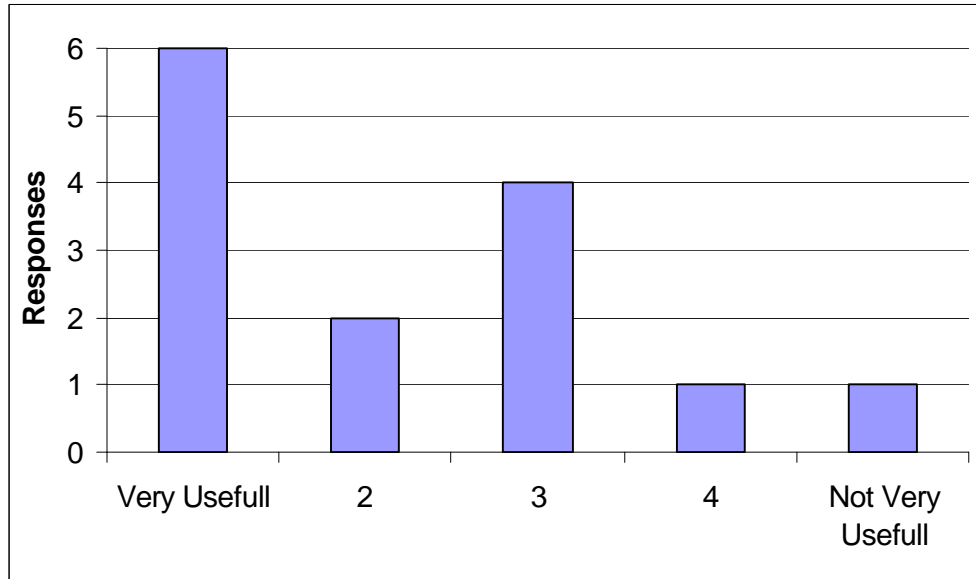
- Comments: □ *Utilizing waste to create other products*  
 (positive) □ *A “made in Durham” solution*
- *Provision of energy and jobs to the Region*
  - *Reduced environmental impact/risk resulting from waste and ultimate financial benefit*
  - *Income from waste*
  - *Environmentally sound and cost-effective manner of managing waste*
  - *We are not burying our problem*
  - *It is easier to deal with refuse locally*
  - *Any approach in the right direction is a benefit to humanity.*
  - *Responsible handling of waste stream.*

- Comments □ *Need to apply a precautionary principle prior to any more incineration*  
 (negative)

**Q7.** How useful did you find this Public Information Session?

---

Overall the Public Information Sessions were rated as useful.



The following were the responses on a scale from 1 (very useful) to 5 (not very useful):

1	-	36 %	(responses: 6 out of 14)
2	-	18%	(responses: 2 out of 11)
3	-	27%	(responses: 4 out of 14)
4	-	9%	(responses: 1 out of 11)
5	-	9%	(responses: 1 out of 11)

**Q8.** How would you describe the nature of your interest in this study?

---

Member of the General Public (including resident)	-	9
Member of an Interest Group	-	4
Consultant	-	0
Agency Representative	-	1
Other	-	0

Majority of attendees who provided written comments were representatives of the public and interest groups.

**Q9.** Please provide any additional comments you feel are important to any part of the Durham Residual Waste Disposal EA Study in the space provided below or attach an additional page providing your comments.

---

The additional comments provided were as follow:

- *Need more products accepted for recycling, especially waste generated by hospitals, schools and apartment buildings.*
- *Push the Provincial and Federal governments for product stewardship.*
- *Strongly object to the misleading terminology of “energy from waste” and “processing waste thermally”.*

- *The terms referring to technologies, presented in the questionnaire, are misleading and attempt to hide the suggestion of incineration.*
- *More advertisements in the media (newspapers) would allow for better attendance in Public Information.*
- *Sessions for this study. Handouts were particularly useful and the Study Team was very helpful.*
- *Important undertaking – minimize waste over all. Should not site incinerators near residential areas. Consider novel technologies and look at siting landfill outside of Durham, including major research funding source for managing waste and minimizing negative effects.*
- *Comments regarding the Proposed Purpose of the Undertaking: “There would appear to be two distinct purposes that could be articulated within the purpose statement: (1) to minimize the amount of material requiring landfill disposal and (2) to process the residual waste to recover resources (material energy). Currently, the background material provides the rationale for (1), but not for (2) as a distinct objective.*