

# **Mission Report**

(Version dated February 10, 2006)

## **Second Technical Exchange Mission**

### **Niagara Region – Tuy Hoa Municipal Partnership Program**

**October 8 to 18, 2005**

The Second Technical Exchange Mission of the Niagara Region – Tuy Hoa Municipal Partnership Program was held in Viet Nam from October 8 to 18, 2005.

#### **MISSION OBJECTIVES**

The objectives of the mission were as follows:

To develop a Waste Disposal Site Design Peer Review Toolbox for Tuy Hoa staff;

To identify possible stakeholders of the new waste disposal site;

To discuss strategies to involve stakeholders of the new waste disposal site, e.g. organizing information sessions;

To discuss the report prepared by Tuy Hoa staff and the FCM intern with respect to the existing Tuy Hoa waste collection and diversion service, identify information gaps in report, and develop methods to obtain additional information;

To identify possible initiatives to improve the existing Tuy Hoa waste collection and diversion service, identify a short-list of initiatives, reach agreement on perhaps one or two proposed pilot initiatives from the short-list of initiatives, and prepare draft outlines of the proposed pilot initiatives;

To determine the status and the specific details of the Belgian Technical Cooperation (BTC) project to improve the Tuy Hoa waste management system, and to ensure that there is no duplication in assistance provided by BTC and the municipal partnership program;

To determine the next steps of the Niagara Region – Tuy Hoa Municipal Partnership Program (e.g. nature and location of the remaining technical exchange missions and the evaluation mission); and

To provide a cheque from Niagara Region to the City of Tuy Hoa People's Committee to purchase student computers for Truong THCS Tran Quoc

Toan School (Tuy Hoa) in support of a partnership support activity (School Partnership Program).

During the Second Technical Exchange Mission, meetings were held to discuss the following:

First Technical Exchange Mission Recommendations;

First Technical Exchange Mission Follow-up Activities;

Second Technical Exchange Mission Plan (mission objectives, partnership program objectives, and expected short and long term results); and

Second Technical Exchange Mission activities which relate to the two areas of cooperation activities (e.g. peer review of the new waste disposal site design, and improvement of the existing Tuy Hoa waste collection and diversion service).

During the mission, the following site visits took place:

Location of the new waste disposal site and surrounding area to identify potential stakeholders of the new site;

Existing Binh Kien and Phu Lam waste disposal sites; and

Waste collection program including visits to collection points and maintenance facility.

## KEY MISSION ACCOMPLISHMENTS

Accomplishments	Next Steps
<p data-bbox="284 426 602 459">Accomplishment No. 1</p> <p data-bbox="284 499 789 825">Niagara Region and Tuy Hoa agreed that the municipal partnership program needs to focus on the following areas of cooperation activities: to improve the existing Tuy Hoa waste collection and diversion service, and to peer review the new waste disposal site design.</p> <p data-bbox="284 865 789 1003">There were preliminary discussions on initiatives to improve the existing Tuy Hoa waste collection and diversion service.</p>	<p data-bbox="872 499 1338 569"><i>Improve Existing Tuy Hoa Waste Collection and Diversion Service</i></p> <p data-bbox="872 609 1385 898">Prior to the Third Technical Exchange Mission, Tuy Hoa to have a discussion with the Association of Cities of Viet Nam (ACVN) and identify possible initiatives to improve the existing Tuy Hoa waste collection and diversion service, and identify a short-list of initiatives.</p> <p data-bbox="872 938 1369 1444">During the Third Technical Exchange Mission, Tuy Hoa staff will be introduced to different Niagara Region initiatives to improve its waste collection and diversion program. Niagara Region and Tuy Hoa will then reach agreement on perhaps one or two proposed pilot initiatives and prepare draft outlines of the proposed pilot initiatives. Niagara Region to involve their staff with expertise in waste collection and diversion.</p> <p data-bbox="872 1484 1273 1554"><i>Peer Review of New Waste Disposal Site Design</i></p> <p data-bbox="872 1593 1317 1663">Refer to Accomplishment No. 2 Next Steps</p>

<p>Accomplishment No. 2</p> <p>Niagara Region and Tuy Hoa developed a list of key landfill design considerations. Examples of design considerations are the design of waste disposal cells, liners, groundwater protection system(s), site layout design, storm water management system, landfill gas control, collection, treatment, and monitoring, and leachate control and treatment. This list will become the Waste Disposal Site Design Peer Review Toolbox.</p>	<p>Prior to the Third Technical Exchange Mission, Tuy Hoa to review the list of key landfill design considerations. During the Third Technical Exchange Mission, Tuy Hoa to comment on which key design considerations are most important for the city and the people of Tuy Hoa.</p> <p>During the Third Technical Exchange Mission, Niagara Region and Tuy Hoa to discuss the list of key landfill design considerations and prepare the Waste Disposal Site Design Peer Review Toolbox. Niagara Region to involve their staff with expertise in landfill design, operations, maintenance, monitoring and hydrogeology.</p>
<p>Accomplishment No. 3</p> <p>The issue of identifying possible stakeholders of the new waste disposal site was discussed during mission meetings and during the visit to the location of the new site and the surrounding area.</p> <p>Strategies to involve stakeholders were also discussed.</p>	<p>Prior to the Third Technical Exchange Mission, Tuy Hoa to make a list of the potential stakeholders of the new waste disposal site.</p> <p>During the Third Technical Exchange Mission, Niagara Region and Tuy Hoa to jointly prepare strategies to involve stakeholders. Niagara Region to involve their staff with expertise in communications and public consultation.</p>

<p>Accomplishment No. 4</p> <p>The report entitled <i>Report on Current Waste Collection and Diversion Practices in the City of Tuy Hoa</i> dated August 2005 and prepared by Tuy Hoa and FCM with respect to the existing Tuy Hoa waste collection and diversion service was discussed.</p>	<p>Prior to the Third Technical Exchange Mission, Niagara Region to identify revisions to the report to FCM and FCM to finalize report. Any information gaps and methods to obtain additional information will likely be addressed as part of the BTC project work.</p>
<p>Accomplishment No. 5</p> <p>There were discussions on the status and specific details of the BTC project.</p>	<p>ACVN/ FCM to have follow-up discussions with BTC representatives to ensure that the BTC is aware of the work to be undertaken as part of the Niagara Region – Tuy Hoa Municipal Partnership Program, and that there is no duplication of work with the BTC project. Opportunities to integrate the two projects will also be explored. <i>Representatives from FCM and BTC are currently in discussions with respect to this matter.</i></p>

Accomplishment No. 6

There were discussions on the next steps of the municipal partnership program.

Prior to the Third Technical Exchange Mission, Tuy Hoa to have a discussion with the ACVN and identify possible initiatives to improve the existing Tuy Hoa waste collection and diversion service, and identify a short-list of initiatives.

During the Third Technical Exchange Mission, Tuy Hoa staff will be introduced to different Niagara Region initiatives to improve its waste collection and diversion program. Niagara Region and Tuy Hoa will then reach agreement on perhaps one or two proposed pilot initiatives and prepare draft outlines of the proposed pilot initiatives. Niagara Region to involve their staff with expertise in waste collection and diversion.

Prior to the Third Technical Exchange Mission, Tuy Hoa to review the list of key landfill design considerations. During the Third Technical Exchange Mission, Tuy Hoa to comment on which key design considerations are most important for the city and the people of Tuy Hoa.

During the Third Technical Exchange Mission, Niagara Region and Tuy Hoa to discuss the list of key landfill design considerations and prepare the Waste Disposal Site Design Peer Review Toolbox. Niagara Region to involve their staff with expertise in landfill design, operations, maintenance, monitoring and hydrogeology.

<p>Accomplishment No. 7</p> <p>During the meeting with the Truong THCS Tran Quoc Toan, funds were provided to the school to purchase computers for the school as well as two educator planners and a used computer laptop donated by St. Anthony School in St. Catharines. There was also a discussion on the initiatives by Niagara Region and Tuy Hoa to increase student's awareness of the environment and waste management.</p>	<p>Prior to the Third Technical Exchange Mission, Tuy Hoa to consider identifying initiatives to increase student's awareness of the environment and waste management as part of possible initiatives to improve the existing Tuy Hoa waste collection and diversion service.</p> <p>During the Third Technical Exchange Mission, Niagara Region will arrange a meeting with educators including representatives from St. Anthony School to discuss initiatives to increase student's awareness of the environment and waste management.</p>
<p>Accomplishment No. 8</p> <p>The meeting with the City of Tuy Hoa Women's Union provided an opportunity for Niagara Region to discuss and provide information about the Canadian, Ontario, and St. Catharines and District Council of Women. There was discussion on identifying potential areas of common interest between the St. Catharines and District Councils of Women and the City of Tuy Hoa Women's Union such as child care, issues of poverty, family law, air quality, homelessness, challenges for women in the workplace, women's health issues and domestic violence. There was also a discussion on identifying initiatives that would monitor any impact of the results in the area of cooperation activities on gender</p>	<p>During the Third Technical Exchange Mission, Niagara Region and Tuy Hoa to identify initiatives that would monitor any impact of the results in the area of cooperation activities on gender equality and provide objective feedback to the partner municipalities.</p> <p>Prior to the Third Technical Exchange Mission, Tuy Hoa and the City of Tuy Hoa Women's Union to identify three or four key challenges or issues facing women waste collection workers and scavengers.</p> <p>During the Third Technical Exchange Mission, Niagara Region will arrange a meeting with the St.</p>

<p>equality and provide objective feedback to Niagara Region and Tuy Hoa. Two examples were identified during the discussions: improving the health of the women waste collection workers and scavengers that work at the waste collection areas and the waste disposal site, and improving the safety and health of their workplace.</p>	<p>Catharines and District Councils of Women and other parties (e.g. Niagara Region Public Health Department and Provincial Ministry of Labour) to discuss the key challenges or issues and how they can be addressed by the project</p>
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**KEY MISSION RECOMMENDATIONS**

Since information becomes available during the technical exchange missions which need to be translated quickly, it is recommended that a second person be made available by Tuy Hoa to support the mission by translating documents and assisting with the interpretation. It is becoming increasingly difficult for one person to interpret meetings and translate information during the short duration of the technical exchange missions.

It is recommended that more staff from Tuy Hoa attend the meetings held during the technical exchanges missions in order to make the best use of the time for discussions and information sharing.

The Second Technical Exchange Mission was a more effective mission than the First Technical Exchange Mission because both partner municipalities reviewed the details of the mission plan together at the beginning of the mission and reached agreement on the mission objectives and activities. It is recommended that this practice be continued to ensure the effectiveness of the technical exchange missions.

Because of the short time frame remaining in the municipal partnership program, it is particularly important for Niagara Region and Tuy Hoa to identify and complete work prior to missions, during missions, and between missions and for both partner municipalities communicate between missions and that information is shared with all staff.

## NEXT STEPS

### Third Technical Exchange Mission

#### **Schedule**

The following dates are available for the Third Technical Exchange Mission expected to be held in Niagara: April 18 to May 11, and May 15 to 31.

#### **Proposed Activities**

##### *Improve Existing Tuy Hoa Waste Collection and Diversion Service*

Niagara Region and Tuy Hoa to tour Niagara Region's waste diversion facilities. Niagara Region to involve their staff with expertise on waste collection and diversion.

Niagara Region and Tuy Hoa to observe and discuss Niagara Region's waste collection and diversion practices

Discussions between Niagara Region and Tuy Hoa staff on:

- the short-list of possible initiatives to improve the existing Tuy Hoa waste collection and diversion service identified by Tuy Hoa;

- the identification of one or two proposed pilot initiative(s); and

- the outline(s) of the proposed pilot initiative(s) (e.g. steps that need to be followed to implement the project). One component of a pilot initiative could involve local school children (i.e. raising awareness among children, soliciting their involvement in new diversion practices, etc). Niagara Region and Tuy Hoa will meet with educators including representatives from St. Anthony School to discuss initiatives to increase student's awareness of the environment and waste management.

## *Peer Review of New Waste Disposal Site Design*

### Peer Review

Niagara Region and Tuy Hoa to discuss the key landfill design considerations identified as important by Tuy Hoa. A list of key landfill design considerations will be prepared for the Waste Disposal Site Design Peer Review Toolbox. Niagara Region to involve their staff with expertise in landfill design, operations, maintenance, monitoring and hydrogeology.

### Stakeholder Analysis

Niagara Region and Tuy Hoa to:

- develop a process to undertake a stakeholder analysis. Niagara Region to involve their staff with expertise in communications, public consultation, and planning;

- discuss the impacts of a waste disposal site on potential stakeholders;

- discuss various approaches to mitigate impacts of the new waste disposal site using examples from Niagara Region; and

- develop a toolbox that will assist Tuy Hoa to identify and address potential impacts of local development (e.g. construction of infrastructure) on potential stakeholders.

### *Crosscutting Theme – Gender*

Niagara Region and Tuy Hoa to discuss:

- the key challenges or issues facing women waste collection workers and scavengers identified by Tuy Hoa and the City of Tuy Hoa Women's Union. Niagara Region to include representatives from the government (e.g. Niagara Region Public Health Department, Provincial Ministry of Labour) and local community based organizations such as the St. Catharines and District Councils of Women to discuss the key challenges or issues and how they can to be addressed by the project; and

initiatives that would monitor any impact of the results in the area of cooperation activities on gender equality and provide objective feedback to the partner municipalities.

### **Delegation Composition**

It is recommended that the two person delegation from the City of Tuy Hoa have expertise in waste collection and diversion, landfill design, and communications and public consultation.