



**Investment
Agriculture
Foundation**
of British Columbia

Livestock Waste Tissue Initiative

January 15, 2009

2008 Annual Report

Funding provided by:

Canada



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1. INTRODUCTION

This annual report covers the initiative management, summary of applications, communication activities proposed activities as laid out in the Strategic Plan compared to actual activities for 2008.

2. INITIATIVE MANAGEMENT

The Management Committee membership changed during the year as follows:

- Derek Janzen representing the British Columbia Agriculture Council – BC Poultry Producers retired from the committee and has not yet been replaced.
- Harvey Glasier was replaced by Orlando Schmidt representing British Columbia Ministry of Agriculture and Lands.
- Marg Bancroft was replaced by Tracey Innes as an ex-officio representing Agriculture and Agri-Food Canada.
- Garnet Berge was replaced by Chris Byra as an ex-officio representing the Investment Agriculture Foundation of British Columbia.

The full Management Committee (as of the end of 2008) is shown in the table below.

Representing	Person	Voting
British Columbia Agriculture Council – BC Cattlemen's Association	Baumann, Roland	Yes
British Columbia Agriculture Council – BC Milk Producers Association	Hertgers, Cornelis	Yes
British Columbia Agriculture Council – BC Poultry Association	vacant	Yes
British Columbia Food Processors Association	Fernie, David	Yes
British Columbia Food Processors Association	Windsor, Bonnie	Yes
Ministry of Agriculture and Lands	Schmidt, Orlando	Yes
Union of British Columbia Municipalities	Beer, Don	Yes
Union of British Columbia Municipalities	Wright, Jared	Yes
West Coast Reduction	Koch, Humphry	Yes
Agriculture and Agri-Food Canada	Innes, Tracey	No, Ex-officio
Canadian Food Inspection Agency	Roblesky, Ken	No, Ex-officio
Investment Agriculture Foundation of British Columbia	Byra, Chris	No, Ex-officio
Investment Agriculture Foundation of British Columbia	Van Kleeck, Rick: Coordinator , Staff	No, Ex-officio
Ministry of Agriculture and Lands	Corraini, Ken	No, Ex-officio
Ministry of Agriculture and Lands	Nickel, Ken: Chair	No, Ex-officio
Ministry of Environment	John, Barb	No, Ex-officio

The Management Committee met three times (2 face to face, and 1 conference call) during 2008:

February 1, 2008 in Vancouver,
April 10, 2008 a conference call, and
May 28, 2008 in Vancouver.

The LWTI Terms of Reference written and approved in February 1, 2008 was up-dated and approved by the LWTI Management Committee on October 3, 2008.

The Management Committee continues to work very well as a group, with almost all decisions being unanimous.

The Coordinator worked three quarter time for this initiative during 2008.

3. SUMMARY OF APPLICATIONS

Projects started and completed in previous years not listed.

Project LWTI #	Title/From	LWTI MC / Funding	Contract / Payment	Status
011	Anaerobic Digestion as a Cost-effective and Environmentally Safe Option for the Disposal of Livestock Waste Tissue. / New Energy Eco-Systems Ltd. & Cedarwal Power Inc.	February 28, 2006 Approved \$77,803 total \$25,000 IAF Aug. 12, 2008 IMC Terminate Project	Fully executed May 4, 2006 ▪ May 26, 2006 \$15,000	Project half completed. Report received. IAF Total \$15,000.00
014	Situation Analysis and Solution Identification. / Tarzwell Farms	February 28, 2006 Approved \$2,000 total \$2,000 IAF May 28, 2008 Final Report Approved Jun. 13, 2008 RRC sign off	Fully executed April 27, 2006 ▪ Jun. 13, 2008 \$2,000.00	Project completed. IAF Total \$2,000.00
020	Fish Industry Emergency Mortality Disposal / LWTI – RFP – Golder Associates Ltd.	Dec. 12, 2006. Approved \$42,397 total \$42,397 IAF Apr.10, 2008 Final Report Approved Jun. 13, 2008 RRC sign off	Fully executed Feb. 27, 2007 ▪ Apr. 4, 2007 \$2,926.05 ▪ Apr. 4, 2007 \$8,750.41 ▪ Apr. 24, 2007 \$17,997.02 ▪ Jun. 11, 2007 \$12,723.35	Project completed IAF Total \$42,396.83
023	Emergency Disposal Options for Large Animal Carcasses Generated in the Fraser Valley / LWTI – RFP – Agri Business Consortium	Sept. 21, 2006 <u>approval in principle.</u> July 17, 2007 Approved (e-mail vote) \$46,994.58 total \$46,994.58 IAF May 28, 2008 Final Report Approved Jun. 13, 2008 RRC sign off	Fully executed Aug. 1, 2007 ▪ Oct. 18, 2007 \$28,196.00 & \$10,176.00 ▪ Jun. 20, 2008 \$8,541.24	Project completed IAF Total \$46,913.24
025	Site Investigation for a SRM Incineration System at Medallion Meats / Medallion Meats Corp.	March 22, 2007 Approved \$25,000.00 total 75% of costs up to \$15,000.00 IAF		Withdrawn by applicant Apr. 15, 2008

Project LWTI #	Title/From	LWTI MC / Funding	Contract / Payment	Status
026	Review of Incineration Options for Specified-Risk-Material / Golder Associates Innovative Applications Inc.	March 22, 2007 Approved \$6,148.00 total \$6,148.00 IAF Feb.1, 2008 Final Report Approved Mar. 5, 2008 RRC sign off	Fully executed June 18, 2007 ▪ Feb. 20, 2008 \$6,148.00	Project completed IAF Total \$6,148.00
027	Assessment of a TNRD and Surrounding Area In-Vessel Composting Facility / Sylvis Environmental	March 22, 2007 Approved \$34,045.08 total \$34,045.08 IAF May 28, 2008 Final Report Approved Jun. 13, 2008 RRC sign off	Fully executed May 15, 2007 ▪ Jul. 30, 2007 \$11,533.40 ▪ Jun. 13, 2008 \$22,003.18	Project completed IAF Total \$33,536.58
029	UBCM Farmed Animal Mass Carcass Disposal Emergency Planning Program / Union of British Columbia Municipalities	July 27, 2007 Approved \$705,000.00 total \$705,000.00 IAF	Fully executed Jan. 29, 2008 ▪ Oct. 5, 2007 \$352,500.00	Program under way Dec. 31, 2008 \$249,655 committed
030	FADES Planning Phase III & Exercises / Smart Risk Control	Nov 7, 2007 Approved \$34,216 total \$34,216 IAF May 28, 2008 Final Report Approved Jun. 30, 2008 RRC sign off	Fully executed Jan. 24, 2008 ▪ Jul. 3, 2008 \$32,531.40	Project completed IAF Total \$32,531.40
031	Slaughter Waste Compost Land Application / Sylvis Environmental	Nov. 26, 2007 Approved \$1,400 total \$1,400 IAF	Fully executed Jan. 24, 2008	Project completed awaiting LWTI sign off
032	Salmon Farmers Presentation of Golder "Finfish Kill Contingency Plan" / British Columbia Salmon Farmers Association	Feb. 1, 2008 Approved \$13,600 total 50% to maximum of \$6,800 IAF		Project Terminated By applicant
033	MAL – Gasification Technology Workshop / LWTI	Feb. 1, 2008 Approved Apr. 10, 2008 Amendment Approved \$5,463 total \$5,463 IAF	Fully executed Jan.13, 2009 ▪ Dec. 19, 2008 \$5,462.63	Project completed awaiting LWTI sign off
034	FADES Planning Phase IV Advance Planning / Smart Risk Control	Oct. 3, 2008 Approved (e-mail vote) \$32,735 total \$32,735 IAF	Fully executed Jan.13, 2009	Project underway

4. COMMUNICATION ACTIVITIES

Pacific Agriculture Show

The Coordinator attend the Pacific Agriculture Show in Abbotsford on February 14, 2008 at the Investment Agriculture Foundation booth to inform show attendees about the LWTI activities, explain the slaughter industry regulatory requirements and raise awareness of emergency planning needs for mass carcass disposal.

Salmon Disease Workshop

The Coordinator attended the BC Salmon Farmers Association workshop on March 3 and 4, 2008 regarding managing an IHN outbreak in farmed salmon. While attending the coordinator encouraged attendees to have their industry continue with the emergency preparedness planning that has started.

TNRD, CSRD and NORD Community Meetings

The coordinator attended two meeting in Kamloops and one conference call with key stake holders from local and provincial governments, and slaughter plant operators. The purpose of these meetings was to encourage local solutions for SRM and non-SRM disposal, containment or recycling.

Fraser Valley Community Meeting

The coordinator attended a meeting on September 18, 2008 in Abbotsford with key stake holders from local and provincial governments, and livestock organizations. The purpose of these meeting was to establish a protocol for handling and responding to reports of inappropriate disposal of dead stock in the Fraser Valley.

MEIS Up-Date Meeting

On November 13, 2008 the coordinator attended a meeting was held in Richmond to up-date MEIS Management Committee and staff about livestock waste tissue regulations, management options and LWTI activities

Emergency Preparedness

The Coordinator attended the Emergency Preparedness Conference held in Vancouver on November 24 to 27, 2008. Discussions were held with many emergency planners from around the province about the UBCM's Mass Carcass Emergency Planning program, and to up-date them about LWTI's activities and possible funding opportunities.

Out Reach to Slaughter Plant Operators

The coordinator helped and gave guidance to the BC SRM Management Program as they preformed out reach to slaughter plant operators.

Web Page

New information was added several times during the year to the LWTI web pages, including:

- Projects approved by the LWTI Management Committee.
- For projects that where completed links to final reports.
- A request for proposals for project LWTI 035.

5. PROGRESS TOWARDS STRATEGIC PLAN GOALS

The 2005 Strategic Plan written was up-dated and approved by the LWTI Management Committee on October 3, 2008.

Action Items in the table below with gray background are considered completed.

Proposed Activities	Actual Activities	Comments
<p>Old Strategic Plan 2005 Action Item 1.1.1. Clarify the conditions that will have to be met for slaughter plants to stay in operations.</p>	<p>2005</p> <ul style="list-style-type: none"> • Coordinator attending federal/provincial/territorial meetings and by having CFIA present information at the agency up-date meeting held October 12, 2005. <p>2006</p> <ul style="list-style-type: none"> • CFIA announced SRM regulations in June, coming into effect July 12, 2007. • CFIA explained regulations at slaughter industry meeting held September 23, 2006. • Project LWTI 024 risk assessment of BC naturally contained landfills started. <p>2007</p> <ul style="list-style-type: none"> • CFIA explained regulations at Fraser Valley slaughter industry meeting held January 30, 2007. • Project LWTI 024 risk assessment of BC naturally contained landfills completed and CFIA amended requirements allowing landfills to be used. • CFIA present information at the agency up-date meeting held November 7, 2007. <p>2008</p> <ul style="list-style-type: none"> • Coordinator explained regulations to all interested parties. 	<p>2006</p> <p>Coordinator explained CFIA regulations and policies as understood to all stake holders (slaughter plant operators, meat industry, local governments and provincial government staff) when ever there was an opportunity to pass the information on.</p> <p>2007</p> <p>Coordinator continued to explain regulations to all interested parties.</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>2007 Action item 1.1.1. can be considered completed.</p> </div>
<p>Old Strategic Plan 2005 Action Item 1.1.2. Determine which slaughter plants existing disposal methods will not be able to meet the CFIA conditions.</p>	<p>2005</p> <ul style="list-style-type: none"> • Slaughter facilities were not evaluated. • Slaughter plant operators were invited to attend one of eight regional meeting where existing Ministry of Environment and proposed CFIA requirements were explained. 56 people representing 30 slaughter plants attended the meetings. <p>2006 & 2007</p> <ul style="list-style-type: none"> • Coordinator kept in contact with slaughter plant operators regarding CFIA regulations causing the facilities to be shut down. <p>2008</p> <ul style="list-style-type: none"> • Coordinator continued to keep in contact with slaughter plant operators. 	<p>2007</p> <p>No slaughter plants have been forced to close due to the impact of CFIA regulations.</p> <p>2008</p> <p>No slaughter plants have been forced to close due to the impact of CFIA regulations.</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>2008 Action item 1.1.2. can be considered completed.</p> </div>

Proposed Activities	Actual Activities	Comments
<p>Old Strategic Plan 2005 Action Item 1.1.3. Develop a contingency plan for each plant requiring one (identified in Action Item 1.1.2.). The contingency plan to identify steps and timing to be taken to minimize or eliminate the need for a plant closure.</p>	<p>2005</p> <ul style="list-style-type: none"> • A program was started to address the need for individual planning LWT009 "Situation Analysis and Solution Identification Program". <p>2006</p> <ul style="list-style-type: none"> • Nine slaughter plants were evaluated for waste disposal options through LWTI 009. <p>2007</p> <ul style="list-style-type: none"> • No new activity. <p>2008</p> <ul style="list-style-type: none"> • One slaughter plant completed its evaluation for waste disposal options through LWTI 014. 	<p>2007</p> <p>Most of the slaughter plants existing in 2005 that are not served by a waste collector have now completed a review of their disposal options. Not expecting any more activity in this action item.</p> <p>2008</p> <p>Not expecting any more activity in this action item.</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>2008 Action item 1.1.3. can be considered completed.</p> </div>
<p>New Strategic Plan 2008 Action Item 1.1.1. Assist slaughter plant operators to develop temporary short term waste management solutions.</p>	<p>2008</p> <ul style="list-style-type: none"> • No activity. 	
<p>Old Strategic Plan 2005 Action Item 1.1.4. The Management Committee delivers a project best suited to meet the need of the slaughter plants that need temporary help.</p> <p>New Strategic Plan 2008 Action Item 1.1.2. Provide financial support for temporary short term solutions for waste tissue management.</p>	<p>2005, 2006 & 2007</p> <ul style="list-style-type: none"> • No requests for temporary assistance were received. <p>2008</p> <ul style="list-style-type: none"> • No requests for temporary assistance were received. 	<p>2007</p> <p>Some slaughter plants are facing very high costs for waste tissue removal service. Once a medium to long term solution is identified and commitment made to implement the solution these slaughter plants may require temporary funding assistance.</p> <p>2008</p> <p>Some slaughter plants are facing very high costs for waste tissue removal service. Once a medium to long term solution is identified and commitment made to implement the solution these slaughter plants may require temporary funding assistance.</p>
<p>Action Item 2.1.1. Establish discharge criteria to meet MENV, Health and CFIA requirements.</p>	<p>2005</p> <ul style="list-style-type: none"> • Informal discussions were held with CFIA and Ministry of Environment staff regarding discharge requirements and the process to obtain approval. However, no formal process was established for establishing acceptable discharge criteria for the different disposal methods being considered. <p>2006</p> <ul style="list-style-type: none"> • Projects LWTI 021 landfill requirements, LWTI 022 air emission requirements and LWTI 024 landfill risk assessment initiated by LWTI. <p>2007</p> <ul style="list-style-type: none"> • Projects LWTI 021 landfill requirements, and LWTI 022 air emission requirements completed and MOE developed new regulations based on project results for slaughter plant waste management. • LWTI 024 landfill risk assessment completed and CFIA amended requirements allowing landfills to be used. <p>2008</p> <ul style="list-style-type: none"> • No new activity 	<div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>2007 Action item 2.1.1. can be considered completed.</p> </div> <p>2008</p> <p>Air emission requirements may need to be reconsidered for incinerators and gasifiers.</p>

Proposed Activities	Actual Activities	Comments
Action Item 2.1.2. Conduct feasibility studies on potential technologies that have slaughter industry support.	2005 <ul style="list-style-type: none"> ▪ Four feasibility projects were approved: LWTI 001, LWT 003, LWT006, and LWT007. 2006 <ul style="list-style-type: none"> • New projects approved: LWTI 015, LWTI 019. 2007 <ul style="list-style-type: none"> • New projects approved: LWTI 026 and LWTI 027. 2008 <ul style="list-style-type: none"> • New projects approved: LWTI 033. 	2008 Projects that would fit under this action item are being funded through the BC SRM Management Program.
Action Item 2.1.3. Demonstrate and/or test potentially feasible technologies through pilot projects.	2005 <ul style="list-style-type: none"> • No activity. 2006 <ul style="list-style-type: none"> • New projects approved: LWTI 017. 2007 <ul style="list-style-type: none"> • New project approved: LWTI 031. 2008 <ul style="list-style-type: none"> • No new activity 	2008 Projects that would fit under this action item are being funded through the BC SRM Management Program.
Action Item 2.2.1. Provide technical assistance to slaughter plant operators for on-site and to communities for off-site waste containment or destruction systems.	2005 <ul style="list-style-type: none"> • A program was started to provide technical assistance when evaluating disposal options, LWT009 "Situation Analysis and Solution Identification Program". 2006 <ul style="list-style-type: none"> • Nine slaughter plants were evaluated for waste disposal options through LWTI 009. • New projects approved: LWTI 013 and LWTI 014. • Slaughter industry meeting held September 23 to explain agency regulations and permitting process. • Web page contains links to regulations. • Coordinator provided technical advice to individual slaughter plant operators. 2007 <ul style="list-style-type: none"> • Slaughter industry meeting held January 30 to explain agency regulations and permitting process. • Coordinator provided technical advice to individual slaughter plant operators. 2008 <ul style="list-style-type: none"> • Coordinator provided technical advice to individual slaughter plant operators, service providers and local governments. 	
Action Item 2.2.2. Provide financial assist to slaughter plant operators who are install infrastructure to manage SRM separately from other wastes.	2005, 2006 & 2007 <ul style="list-style-type: none"> • No activity. 2008 <ul style="list-style-type: none"> • No activity. 	2007 Projects that would fit under this action item are being funded through the BC SRM Management Program. 2008 Projects that would fit under this action item are being funded through the BC SRM Management Program.
New Strategic Plan 2008 Action Item 2.2.3. Provide financial assist to slaughter plant operators who are install infrastructure to manage waste containment or destruction systems.	2008 <ul style="list-style-type: none"> • No activity. 	2008 Projects that would fit under this action item are being funded through the BC SRM Management Program.

Proposed Activities	Actual Activities	Comments
<p>New Strategic Plan 2008 Action Item 2.2.4. (Old Action Item 2.2.3) Provide financial assist to third parties who provide direct or indirect tissue waste disposal services to the slaughter industry to install infrastructure.</p>	<p>2005, 2006 & 2007</p> <ul style="list-style-type: none"> • No activity. <p>2008</p> <ul style="list-style-type: none"> • No activity. 	<p>2007 Projects that would fit under this action item are being funded through the BC SRM Management Program.</p> <p>2008 Projects that would fit under this action item are being funded through the BC SRM Management Program.</p>
<p>New Strategic Plan 2008 Action Item 2.2.5. (Old Action Item 2.2.4) Expedite where possible the permit approval process.</p>	<p>2005</p> <ul style="list-style-type: none"> • A program was started to provide financial support for slaughter plants in obtaining waste disposal permits, LWT010 "Assistance in Applying for a Ministry of Environment Permit Program." <p>2006</p> <ul style="list-style-type: none"> • Ministry of Environment workshop February 15 to explain challenges slaughter industry facing. • One slaughter plant assisted through LWTI 010. <p>2007</p> <ul style="list-style-type: none"> • One slaughter plant requested assisted through LWTI 025. • Agency meeting November 7 to gain common understanding of all the regulations slaughter plant operators need to follow. • Coordinator worked with slaughter plant operators and agencies to expedite where possible the permit approval process. <p>2008</p> <ul style="list-style-type: none"> • No new activity. 	
<p>Action Item 2.3.1. To conduct an education program with local governments and other stakeholders to improve their understanding of livestock waste tissue management practically regarding economic development associated with the meat industry (production, processing, disposal, etc.), health issues and disposal of livestock carcasses in response to an emergency.</p>	<p>2005</p> <ul style="list-style-type: none"> • Local government emergency planners and waste managers and other interested stakeholders were invited to attend one of eight regional meeting where existing Ministry of Environment and proposed CFIA requirements were explained. <ul style="list-style-type: none"> ○ 22 local government staff attended the meetings. ○ 27 agency staff attended the meetings. ○ 24 other interested stakeholders attended the meetings. <p>2006</p> <ul style="list-style-type: none"> • No specific activities. <p>2007</p> <ul style="list-style-type: none"> • Coordinator contacted all Regional Districts regarding their landfills receiving SRM and the CFIA permits required. • Coordinator involved in community meeting looking for community options for waste tissue disposal. <p>2008</p> <ul style="list-style-type: none"> • Coordinator attended MEIS meetings to up-date MEIS staff on LWTI activities and waste tissue regulations. 	<p>2006 & 2007 Coordinator explained regulations and issues around SRM management (from both slaughter plants and emergency events) to all stake holders (slaughter plant operators, meat industry, local governments and provincial government staff) when ever there was an opportunity to pass the information on.</p> <p>2008 Coordinator continued to educate all interested parties.</p>

Proposed Activities	Actual Activities	Comments
<p>Action Item 3.1.1. Inventory of existing SRM management practices used and considered for use in BC.</p>	<p>2005</p> <ul style="list-style-type: none"> Through phone interviews and confirmation at the eight community meetings a date base of slaughter plants was developed. Information on existing disposal practices was tabulated. <p>2006</p> <ul style="list-style-type: none"> Through discussions with individual slaughter plant operators the coordinator was aware of all SRM management practices being considered by the industry. <p>2007</p> <ul style="list-style-type: none"> Through continued discussions with individual slaughter plant operators and industry partners the coordinator was aware of all SRM management practices being considered by the industry. <p>2008</p> <ul style="list-style-type: none"> No new activity. 	<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;"> <p>2007 Action item 3.1.1. can be considered completed.</p> </div>
<p>Action Item 3.1.2. Identify existing applicable risk assessments and conduct an information gap analysis.</p>	<p>2005</p> <ul style="list-style-type: none"> This action item was not completed by the LWTI because CFIA completed risk assessments for all disposal methods of interest to BC. <p>2006</p> <ul style="list-style-type: none"> The coordinator performed the gap analysis and identified the need for a risk assessment for BC naturally contained landfills typically used in BC. <p>2007</p> <ul style="list-style-type: none"> No new risk assessments were identified. <p>2008</p> <ul style="list-style-type: none"> No new activity. 	<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;"> <p>2007 Action item 3.1.2. can be considered completed.</p> </div>
<p>Action Item 3.1.3. Conduct risk assessments for the identified information gaps.</p>	<p>2005</p> <ul style="list-style-type: none"> No activity in this area. <p>2006</p> <ul style="list-style-type: none"> Project LWTI 024 was initiated by LWTI in response to the identified need. <p>2007</p> <ul style="list-style-type: none"> Project LWTI 024 risk assessment of BC naturally contained landfills completed and CFIA incorporated the information generated into permitting decisions for BC landfills. <p>2008</p> <ul style="list-style-type: none"> No new activity. 	<p>Risk assessments for practices used in BC are published by CFIA or in the landfill risk assessment done for LWTI. No other risk assessments have been identified as needed for BC.</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;"> <p>2007 Action item 3.1.3. can be considered completed.</p> </div>
<p>Action Item 3.1.4. Produce a document summarizing the absolute and relative risks associated with SRM management methods.</p>	<p>2005, 2006 & 2007</p> <ul style="list-style-type: none"> No activity. <p>2008</p> <ul style="list-style-type: none"> No activity. 	<p>At the present time it not felt that a summary document is needed</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;"> <p>2007 Action item 3.1.4. can be considered completed.</p> </div>

Proposed Activities	Actual Activities	Comments
Action Item 4.1.1. Scan other jurisdictions for technology options or alternative uses for tissue wastes and report on findings	2005 <ul style="list-style-type: none"> • Not started. 2006 <ul style="list-style-type: none"> • Coordinator attend CFIA SRM workshop in Alberta September 27. 2007 <ul style="list-style-type: none"> • Coordinator met with a number of technology providers to discuss the applicability of their technology in SRM management. 2008 <ul style="list-style-type: none"> • No specific activities. 	
Action Item 4.1.2. Research promising technologies and alternative uses for tissue wastes that if proven successful may be adopted by BC tissue waste generators or service providers.	2005 <ul style="list-style-type: none"> • Not started. 2006 & 2007 <ul style="list-style-type: none"> • No applications for projects. 2008 <ul style="list-style-type: none"> • No applications for projects. 	2006 & 2007 & 2008 Coordinator efforts were to demonstrate technologies that are well proven. No technologies of interest for use in BC are at the research stage.
New Strategic Plan 2008 Action Item 5.1.1. Monitors development in the slaughter sector, obstacles the industry is facing and anticipates and identifies the business implications of legislation and funding program decisions.	2008 <ul style="list-style-type: none"> • Coordinator continued to stay in contact with slaughter plant operators, MEIS staff, and local and provincial government staff. 	
New Strategic Plan 2008 Action Item 5.1.2. Evaluates waste management technologies and advises the province on waste management options.	2008 <ul style="list-style-type: none"> • Coordinator worked with the Ministry of Agriculture and Lands in evaluating: <ul style="list-style-type: none"> ○ Incinerators ○ Gasifiers ○ Composting, and ○ Burial. 	
New Strategic Plan 2008 Action Item 5.1.3. Guides, as an ex-officio, the BC SRM Management Program regarding program implementation and ongoing program and project management.	2008 <ul style="list-style-type: none"> • Coordinator provided guidance to the BC SRM Management Program through discussion with staff, working on components of the program, and attending 35 adjudication meeting. 	2008 BCSRM Management Program: <ul style="list-style-type: none"> • Approved 18 projects in 2008 • Committed ~ \$1.06 million in 2008 • Total funds committed ~ \$2.50 million
New Strategic Plan 2008 Action Item 6.1.1. (Old Action Item 5.1.1.) UBCM to administer a program for local governments in conjunction with local stakeholders to develop Emergency Plans for mass livestock carcass disposal for their communities.	2005 <ul style="list-style-type: none"> • Much work has occurred in developing this project with UBCM; however, no project has started at this time. This project will likely be broken into two or three smaller projects and start in 2006. 2006 <ul style="list-style-type: none"> • Coordinator working closely with UBCM to start and oversee project LWTI 018 to develop a template for local governments to use. 2007 <ul style="list-style-type: none"> • Project LWTI 018 completed. • New project LWTI 029 started enabling UBCM to fund local government emergency planning. 2008 <ul style="list-style-type: none"> • Project LWTI 029 proceeding well. 	2008 Project LWTI 029 to end of 2008: <ul style="list-style-type: none"> • Approved 14 projects, covering 21 local government jurisdictions, and this represents ~ 59% of the weight of all livestock in BC. • Committed \$249,655

Proposed Activities	Actual Activities	Comments
<p>New Strategic Plan 2008 Action Item 6.2.1. (Old Action Item 5.1.2.) Provide grants of up to \$250,000 to assist Local governments to implement disposal solutions identified in their Emergency Planning for Mass Livestock Carcass Disposal.</p>	<p>2005, 2006 & 2007</p> <ul style="list-style-type: none"> • Not started. <p>2008</p> <ul style="list-style-type: none"> • No applications received. 	<p>2006 & 2007 Local governments can not apply for funding under this action item until they have completed their emergency plan funded through (new) action item 6.1.1.</p> <p>2008 Six local governments could apply for funding under this action item as they have completed their emergency plan funded through (new) action item 6.1.1.</p>
<p>Old Strategic Plan 2005 As part of Strategy 5.1 In 2006 the province instructed LWTI to also consider emergency planning for farmed salmon mass carcass disposal.</p> <p>New Strategic Plan 2008 Action Item 6.3.1. BC Salmon Farmers administer a project to develop Emergency Plans for mass farmed fish carcass disposal for their industry.</p>	<p>2006</p> <ul style="list-style-type: none"> • Project LWTI 020 started. <p>2007</p> <ul style="list-style-type: none"> • Coordinator worked with the consultant, agencies and Salmon Farmers on project LWTI 020. <p>2008</p> <ul style="list-style-type: none"> • Coordinator encouraged BC Salmon Farmers to continue with this action item. 	<p>2008 Considerable more work needs to be done on this action item before it can be considered completed. Waiting for BC Salmon Farmers to take lead.</p>
<p>New Strategic Plan 2008 Action Item 6.4.1. (Old Action Item 5.2.1.) Support the development of a new Foreign Animal Disease Emergency Support Plan (FADES) to reflect what was learned through BSE and AI outbreaks.</p>	<p>2005</p> <ul style="list-style-type: none"> • This project has started under LWT005 "Proposal to Update the Foreign Animal Disease Emergency Support (FADES) Plan for BC." With the consultant hired through an RFP process being Smart Risk Control. <p>2006</p> <ul style="list-style-type: none"> • Phase I (LWTI 005a) completed and phase II (LWTI 005b) of FADES started. <p>2007</p> <ul style="list-style-type: none"> • Phase II completed and phase III (LWTI 030) of FADES started. <p>2008</p> <ul style="list-style-type: none"> • Phase III completed (LWTI 030) 	<p>2007 Project is expected to be completed when phase III is completed.</p> <p>2008 With the completion of Phase III BC has a fully functional FADES Plan. Annual fine tuning will take place under Action Item 6.4.2</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: 10px auto;"> <p>2008 Action item 6.4.1. can be considered completed.</p> </div>
<p>New Strategic Plan 2008 Action Item 6.4.2. Support the annual up-date and exercise of the FADES plan.</p>	<p>2008</p> <ul style="list-style-type: none"> • Project LWTI 034 started 	
<p>New Strategic Plan 2008 Action Item 6.4.3. (Old Action Item 5.2.2.) Identify the gaps in disposal capacity throughout the province based on the results of the planning done in 6.1.1. and improvement made through 6.2.1.</p>	<p>2005, 2006 & 2007</p> <ul style="list-style-type: none"> • Not started. <p>2008</p> <ul style="list-style-type: none"> • Not started. 	<p>2006 & 2007 This action item can not start until local governments have completed their emergency plan funded through (new) action item 6.1.1.</p>

Proposed Activities	Actual Activities	Comments
<p>New Strategic Plan 2008 Action Item 6.4.4. (Old Action Item 5.2.3.) Determine the need for and possible locations of new carcass disposal options and suggest what those options are.</p>	<p>2005</p> <ul style="list-style-type: none"> • Not started. <p>2006</p> <ul style="list-style-type: none"> • Coordinator attended USDA workshop on mass carcass disposal planning and options. <p>2007</p> <ul style="list-style-type: none"> • Project LWTI 023 emergency disposal of large animals in the Fraser Valley started. <p>2008</p> <ul style="list-style-type: none"> • Project LWTI 035 was initiated by LWTI in response to the need to explore alternative methods of handling a FMD outbreak. 	<p>2008</p> <p>LWTI 023 found that during an emergency there is not currently enough capacity to dispose of most of the waste material and further work is needed on this Action Item.</p>
<p>New Strategic Plan 2008 Action Item 6.4.5. (Old Action Item 5.2.4.) Conduct preliminary design of options identified in 6.4.3. Starting with the areas with the largest shortfall in capacity.</p>	<p>2005, 2006 & 2007</p> <ul style="list-style-type: none"> • Not started. <p>2008</p> <ul style="list-style-type: none"> • Not started 	<p>2006 & 2007</p> <p>This action item can not start until action item (new) action item 6.4.3. and 6.4.4. are well under way or completed.</p>
<p>New Strategic Plan 2008 Action Item 6.5.1. (Old Action Item 5.3.1.) Support local/regional/provincial/federal governments, producers, processors and other stakeholders to systematically test and exercise emergency response plans throughout the province and to upgrade plans to reflect lessons learned from the testing and exercising.</p>	<p>2005, 2006 & 2007</p> <ul style="list-style-type: none"> • Not started. <p>2008</p> <ul style="list-style-type: none"> • Coordinator assisted PRRD with the plan and attended three meetings/ tabletop exercises for emergency mass carcass disposal held in the Peace River. 	