Waste Management Update

Alberta Environment & Parks

Carol Nelson
Rick Berkenbosch
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Overview

• Alberta Environment and Parks
  – Waste policy team & contacts

• Policies, Regulations, Planning
  – How is policy is made
  – Current issues being addressed

• Waste Control Regulation Review Project
  – Structure of Project
  – Current Status
  – Alberta User Guide for Waste Managers
Waste Policy

Meet Your Team
Alberta Environment and Parks (AEP) Structure

Minister
Shannon Phillips

Deputy Minister
Andre Corbould

Assistant Deputy Minister
Andy Ridge

Executive Director
Kem Singh

Waste Policy Director
Patrick Kane
### Waste Policy Section: Staff

<table>
<thead>
<tr>
<th>Name</th>
<th>Some files include…</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carol Nelson</td>
<td>Waste Control Reg., landfills, biomedical waste</td>
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<tr>
<td>Rick Berkenbosch</td>
<td>Waste Control Reg., hazardous waste, NORMs</td>
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<tr>
<td>Richard Adjei</td>
<td>Waste Control Reg., operator certification, hazardous waste</td>
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<tr>
<td>Natasha Page</td>
<td>Waste Control Reg., operator certification, organics</td>
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<tr>
<td>Jennifer Martin</td>
<td>Stewardship programs, measurement, paint, oil</td>
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<tr>
<td>Shelleen Lakusta</td>
<td>Stewardship programs, tires, HHW</td>
</tr>
<tr>
<td>Scott Nicol</td>
<td>Stewardship programs, Bev. containers, CCME, Ag. plastics</td>
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</tbody>
</table>
Information Sources

- Land policy branch general inquiries
  - Will direct you to the appropriate parties
  - Phone: 310-ESRD (3773)
  - Phone: 1-877-944-0313
  - Email: ESRD.Info-Center@gov.ab.ca
Information Sources

• Information
  – Acceptable Industry Practices
  – Codes of Practice
  – Guides
  – Policies

• Queens Printer
  – www.qp.alberta.ca
  – Environmental Protection and Enhancement Act and Water Act
  – Regulations
  – Codes of Practice
The Regulatory Process
Policy Development

• Policy Development Process:
  – Issue identification
  – Research and analysis
  – Options development
  – Decision-making
  – Implementation
  – Evaluation/performance measurement

• Timing can be affected by:
  – Legislative process (e.g., caucus, coordinating committees)
  – Government and department priorities
  – Changes to government, cabinet, or Minister
Operational Plan

• Waste Policy Section develops an annual operational plan
  – Prevent and reduce waste
  – Ensure proper management of waste

• Determined by:
  – Staff discussions
  – Direction from Assistant Deputy Minister and Executive Director
  – External environment
  – Available resources
Operational Plan: 
Primary Projects Underway

• Prevent and Reduce Waste
  – Designated Materials Recycling Regulation
    • Developing options for expanding recycling programs
    • Developing options for additional consultation on potential regulated programs (household hazardous waste, packaging and printed material & Extended Producer Responsibility)

• Ensure proper management of waste
  – Waste Control Regulation
    • Focusing on validation of recommendation from 2006
    • Incorporating and updating information on polices
    • Development on what Engagement will look like: (i.e. survey and/or presentations)
    • Administrative updates
Operational Plan: Primary Projects – Current Status

- All policy proposals are under review meanwhile internal work continues
- Status updates will be provided when available,
Operational Plan: Waste Management

- Updating Alberta User Guide for Waste Managers
- Landfill and Composting Facility Operator Certification Advisory Committee
- Support Regional Offices & Operation Approval Writers on waste related applications & policy implementation
  - Financial Security for Waste Management Facilities
  - Standards for Landfills in Alberta
  - Consent to Vary Setbacks to Waste Facilities
Operational Plan: Waste Reduction

- Manage contracts for household hazardous waste program
  - Provincially funded; Alberta Recycling manages program
  - Swan Hills Treatment Centre

- Work with Delegated administrative organizations (AUOMA, ARMA, BCMB)
  - Participate on boards and industry councils (paint, tires, and electronics)
  - Review business plans and annual reports
Operational Plan: 
Other related matters

- Participate and provide support to stakeholder groups
  - Provincial or Regional Municipal Associations/Committees
  - Designated Recycling Authorities (e.g. ARMA, AUOMA, BCMB)
  - Waste Related Associations (e.g. ESAA, RCA, Alberta Care)
  - Nation and International Councils (e.g. CCME)
  - Waste Management Facilities

- Waste Measurement

- Emergency Response Assistance
  - Carcass disposal, flood waste, fires…
Recent News & Current Work
Municipal Solid Waste To Landfill Results - 1988 to 2014

- 666 kg per capita due to Southern Alberta Floods in 2011

Kilograms per Capita Disposed

- 1988 to 2014
Recycling Regulations - DMRR

• Consulted with stakeholders on 7 different changes in 2013.
  – Consultation results at http://aep.alberta.ca/waste/default.aspx
    • Consultation indicated support for the consolidation of recycling regulations, removal of fees from regulation, expanding the electronics and used oil program.
  – Internal work underway developing options for additional consultation on potential regulated programs (ie household hazardous waste, packaging and printed material & EPR)
Household Hazardous Waste: Changes to Funding

- Program provides financial incentive; subsidy not intended to cover full cost.
- Partnership Program (AI, AEP, Municipalities)
- Voluntary Municipal Participation
- Alberta Recycling (ARMA) is contracted to administer funding to registered brokers
  - Registered brokers must meet a standard list of requirements and remain in good standing with the program
  - Registered brokers can claim funding from the program for eligible material
Household Hazardous Waste: Changes to Funding

• Changes
  – Pay on Results: $/kg
  – Updated reporting requirements
  – Program pays as material is transported to SHTC

• Intent
  – Increase accountability, transparency and efficient use of funds.
  – Increase flexibility for brokers to add clients and access funding
  – Support level playing field for all brokers

• Results
  – Allows for new brokers to enter program or bid on municipal contracts mid term without concern for lack of funding
Transportation of Dangerous Goods Regulation (Canada)

- **Two amendments to TDGR**
  - New certification Statement
  - Changes to the order of the dangerous goods information on the manifest have changed.
  - PIN number must precede the shipping name.

- **There are additional changes to:**
  - the safety marks and
  - means of containment requirements.
Transportation of Dangerous Goods Regulation (Canada)

• Recycle Dockets and Attachment Sheets - Updated
  – have been amended to meet TDGR requirements and
  – are available on our website

• Movement Documents
  – Updated certification statement on new orders
  – order of dangerous goods information is not changed
    • Can manually adjust by moving UN number before shipping name
    • Cannot manually change for transport outside Alberta
      – Interprovincial Movement of Hazardous Waste Regulations (need to use 2 documents)
Waste Control Regulation &
Alberta User Guide for Waste Managers

Project Detail
Waste Control Regulation

• Waste Control Regulation (WCR) addresses:
  – Classification for Hazardous Waste and Hazardous Recyclables
  – Storage, transportation & disposal for haz waste
  – Financial security requirements
  – General provisions for waste management and waste management facilities

• Many aspects of the Waste Control Regulation are outdated. This project plans to review and update the WCR.
Project Plan

Phase I – Administrative Changes

Phase II – Internal Review

Phase III – Stakeholder Engagement, Analysis & Recommendations

Phase IV – Regulatory Amendment Work
Phase I – Administrative Changes

• Phase I may include the following topics:
  – Add expiry date
  – Make administrative changes
• Can include updating definitions or clarify wording. This does not include anything that changes the intent of the regulation.
• Policy work for phase I is complete; under review by AEP Executive.
Phase II – Internal Review

• AEP staff will complete research and policy analysis of outstanding issues.

• Previous work included in the review:
  – Recommendations from 2008 consultation

• The goal is to ensure previous recommendations remain valid and harmonized with current standards.
Phase II – Issues List

• The issues that will be reviewed in the WCR project
• 6 categories for simplification purposes
  – Waste Management Facilities
  – Beneficial Use of Waste
  – Treatment & Importation
  – Classification Hazardous Waste
  – Reporting & Manifesting
  – Other Issues
Phase II: Waste Management Facilities

- Composting Facilities Landfills
- Storage
- Financial Security
- Operator Certification Programs
- Facility Definition
- Odour Clauses
Phase II: Beneficial Use of Waste

• Technical Recommendations (Beneficial re-use of waste)
  – Evaluate options and risks to implementing a framework for how waste can be re-used
  – Evaluating other jurisdictions
    • such as Australia, Europe and the various US states that have implemented frameworks
Phase II: Treatment, Importation

3 different policies for hazardous waste

- Treatment of Imported Wastes
- Importation of Pre-treated hazardous waste for Disposal
- Off-site Treatment of Hazardous waste
Phase II: 
Waste Classification/Hazardous Waste

- 2006 technical recommendations (landfillable Hazardous waste and non-hazardous waste)
  - US EPA Listed Waste
  - Review of Prohibition & Exceptions under User Guide
  - soil containing hydrocarbons
- Biomedical & Pathogenic Animal Waste
- Naturally Occurring Radioactive Materials
- Hazardous Waste vs Hazardous Substances
Phase II: Reporting & Manifesting

• Reporting & manifesting changes
  – Review of current manifesting & reporting system(s) and
  – Options for electronic manifesting system

• Personal Identification Number (PINs)
  – review requirements
Phase II: Other Issues

- **Storage Containers**
  - review purpose of sections under the regulation related to containers

- **Litter**
  - Look for clarification and improvement of litter control provisions
Phase III – Talking with Stakeholders

- Conduct targeted stakeholder engagement on outstanding issues identified in Phase II.
- Staff anticipate this may occur in 2016.
  - Pending project approval by Minister
Alberta User Guide for Waste Managers

- Staff have updated the Guide based on phase I amendments to the WCR
  - User friendly design
    - Similar design as 2008 draft
  - Plan to release Guide along with phase I amendments
    - Once approved
- Additional release is planned to coincide with the phase IV changes to the WCR once approved
Questions

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