CLIMATE ACTION RESERVE

# ODS Destruction Protocol Stakeholder Meeting

Ontario and Quebec
March 17, 2017

# Agenda

1. Process update
2. Issues for discussion
3. Protocol changes
4. Audience questions
5. Next steps

Item 1

# PROCESS UPDATE

# Process update

| Timeline | Task |
|---|---|
| *January* | *PAT works with Ministries to develop task teams and coordinate outreach.* |
| *February 17* | *Initial meeting of the TTT. Staff from the Reserve present the draft protocol and any proposed changes. TTT members are asked to submit feedback and comments.* |
| *February 22* | *TTT comments are due to the Reserve.* |
| *Feb 23 – Mar 3* | *PAT will revise the protocol based on TTT comments.* |
| *March 3* | *Initial meeting (webinar) with the broader group of interested stakeholders. TTT members are encouraged to attend this meeting, as well.* |
| *March 9* | *Stakeholder & TTT comments due* |
| *March 9-14* | *PAT will revise the protocol based on stakeholder and TTT comments* |
| **March 17** | Second meeting (webinar) with the stakeholder group, including TTT members, to discuss the revised protocol |
| **March 24** | Stakeholder &TTT comments due |
| **March 27 – April 4** | PAT will revise the protocol based on stakeholder and TTT comments |
| **April 13** | Final, revised protocol will be submitted to the Ministry for approval |
| **TBD** | MOECC and MDDELCC will conduct formal public comment periods |

Item 2

# ISSUES FOR DISCUSSION

# Protocols vs regulations

- Several comments were related to regulatory policies at the Ministry level
  - This protocol adaptation is not the forum in which those policies are being considered
  - Any regulatory policy comments should be directed to MOECC and/or MDDELCC

# HFC blowing agents

- Need additional information to calculate the baseline landfill emission factor
  - Percent of Remaining Blowing Agent Released During Anaerobic Conditions
  - After shredding and compacting, how much BA is released from the remaining particles of foam?
- Reserve will continue to pursue this information

# Refrigerant HCFC-22

- Stakeholder suggestion to expand eligible refrigerant list to include HCFC-22
- Virgin material still imported until 2020
  - Eligibility would require that the equipment be taken out of service or retrofitted for a different chemical
  - Ministries must still confirm that they are comfortable with this
- Need data to determine baseline leak rates and substitute emission rates
  - Not included in previous US EPA Vintaging Model data
- Reserve will continue to pursue this information

# Protocol name

- Name change proposed
  - “Halocarbon Destruction Project Protocol”
- Awaiting results of research to include HFC blowing agents

Item 3

# PROTOCOL CHANGES

# Minor changes

- Minor language reorganization and clarification throughout the document
- Addressed some typos and missing elements noted by TTT and Stakeholders
- Removal of content where it was redundant with other sections
- Added Glossary of Terms to be consistent with other protocols

# Project location & duration

- Projects may now involve multiple destruction facilities
  - Site visit requirement applies to all destruction facilities
  - Documentation must be very clear about which material went to which facility
- Projects may include up to 5 years of destruction events
  - Annual reporting still applies

# Unused material

- Allow for eligibility of unused refrigerant
- Must document the following:
  1. Testing results to show that the material meets or exceeds the AHRI-700 standard for that particular chemical; and,
  2. Evidence linking the material and the container to its original manufacturer.

# Relaxed chain of custody

- Still require Point of Origin details
- Must document all facilities between POO and destruction
  - Relaxed requirements for paperwork along the way

# Verification site visits

- Removed requirement for “one additional project facility”
- Required site visits:
  - Destruction facilities
  - Mixing facilities (where applicable)
  - Appliance foam and refrigerant extraction facility (where applicable)

Item 4

# AUDIENCE QUESTIONS

Item 5

# NEXT STEPS

# Submit comments

- Stakeholder Team to review draft protocol and submit comments to the Reserve no later than:
  - **Friday, March 24, 2017** (end of day)
  - max@climateactionreserve.org
- Microsoft Word document, organized by protocol section
- Any comments related to the regulation should be directed to the appropriate Ministry

# Further Stakeholder Engagement

- PAT will work with TTT on any further revisions
- Depending on significance of revisions, another Stakeholder webinar may be scheduled
- Stakeholders will be e-mailed if an additional webinar is scheduled

# Contact Information


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**All documents posted here:**
http://www.climateactionreserve.org/ozone-depleting-substances-capture-and-destruction/