



STATE OF WASHINGTON
DEPARTMENT OF ECOLOGY

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Summary notes ODS Technical Working Group Meeting #1

What recommendations do you have for Ecology on practices and approaches that have worked well in similar groups?

- Provide editable draft documents (track changes abilities).

What topics or alternatives should Ecology add to the list protocol revisions to consider? (topics copied below)

Initial list of topics

- Update Global Warming Potential values to the Fifth Assessment Report (AR5)
- Expand the list of eligible refrigerants
 - Refrigerants
 - HCFC-22; HCFC-123
 - Foams
 - HCFC-142b; HFC-134a; HFC-245fa; HFC-365mfc
 - Medical Aerosols (categorically excluded in existing protocol)
 - CFC-11; CFC-12; CFC-114; HCFC-22; HCFC-142b
 - Solvents (categorically excluded in existing protocol)
 - CFC-11; CFC-12; CFC-114; HCFC-22; HCFC-142b
 - Fire suppressants
 - Halon 1211; Halon 1301
- Revise 10 year cumulative emissions rates for refrigerants and/or foams.
- Revise substitute emissions calculations.
- Restrict invalidation of offset credits to non-compliance events that directly impact ODS handling and destruction.
- Allow ODS sourced from federal government facilities, excluding strategic stockpiles.
- Allow ODS destruction outside the US.
- Allow destruction of ODS sourced from Canada.
- Revise Point of Origin requirements.

Additional topics Ecology should consider

- Consider differentiating 10-year cumulative emissions rate based on source of substance (e.g. stockpiles vs. recovered gases).
- Expand the list of eligible foams to include HFC's
- Expand list of eligible refrigerants to include HFC refrigerants
- Expand/clarify eligibility of co-mingled/blended substances.
- Expand list of eligible substances to include halons



In addition to comparable protocols, the ARB Offset Taskforce report, public comments, etc. are there additional sources that Ecology should look to for potential revisions?

- Updated versions of ACR and Verra's protocols are in development.
- Montreal protocol refrigerant management taskforce report (coming late May).
- Carbon Containment Lab research on HFC destruction in Article 5 countries.
- TEAP report for destruction technologies has been updated since initial protocol publication.

What additional criteria should Ecology ask working group members to comment on through these discussions?

- Verifiability and feasibility of implementation of proposed changes from a registry perspective.
- Environmental justice impacts.

What information should Ecology provide related to the topic to frame the discussion?

- Data sources undergirding values in the adopted protocol (e.g. cumulative emissions rates).
- Ecology decision making process regarding initial adoption of CARB protocol.
- Relevant regulatory context (e.g. adopted values).

Next meeting

- April 23rd at 8 am PT
- Planned topics:
 - Updates to GWP values
 - Revisions to 10 year cumulative emissions rates for refrigerants
 - Revisions to 10 year cumulative emissions rates for foams

