**Small Intersessional Working Group for the Update of the Technical Guidelines on**

**D5 and D10 and incineration as covered by R1**

**January 21, 2020 Teleconference**

**12:30pm to 2:30pm Geneva time**

**Co-leads Summary**

For the list of attendees, please see Annex I of this document.

For the agenda, please Annex II of this document.

**Agenda & Introductory Remarks**

1. The meeting was chaired by Julie Croteau (Canada), as a representative from one of the co-leading countries, who made opening remarks.
2. A member requested that agenda item #4 from the tentative agenda (Face-to-face meeting of March 18-19, 2020) be moved up to earlier in the teleconference. Members agreed on this change.
3. Co-Chair Croteau discussed the objectives of the meeting, which were to:

* Discuss the logistics for the face-to-face meeting;
* Present how comments received from the public consultation period were integrated;
* Provide members with an opportunity to voice their perspectives on the integration of comments and development of the guidelines; and
* Seek guidance from SIWG members on outstanding issues.

**Face-to-Face Meeting of March 18-19, 2020**

1. Chair Croteau confirmed that the meeting will be held in Ottawa, Canada on March 18th and 19th, 2020, and announced the meeting venue. She thanked Germany for providing financial support towards the meeting.
2. The group considered the tentative agenda and schedule for the face-to-face meeting, and agreed that retaining flexibility in the items to be discussed is important. The co-leads will prepare the necessary documents for the meeting and make them available on the website.
3. The representative of the Secretariat explained that the meeting organization was on track and that she was now in the phase of preparing confirmation letters to all registered participants. Additionally, together with the confirmation letters, participants would also receive a document containing information about the venue, the city and relevant details for their stay in Ottawa. The representative of the Secretariat explained that she was assessing how many developing countries’ representatives would have their trips funded, also taking into consideration geographical and gender balance. The Secretariat was going to contact them individually with the travel possibilities. She also called the attention of participants that reservations for the hotel where the meeting is organized to take place need to be done by mid-February in order to guarantee the negotiated special rate.

**D5 Draft Technical Guidelines**

1. Chair Croteau explained how the guidelines have been advanced, taking into consideration the comments received from October 2019. Comments were identified as integrated, to be discussed, out of scope, already covered by current technical guidelines, or pending the further development of the guidelines. She explained that there are outstanding items that required discussion and input from the group.
2. One of the items discussed was the different types of landfill covered in the document and the need to have requirements between these landfill types distinguished in a clearer manner. The co-leads took note of the views expressed and will revise the document, presenting a table identifying key differences for the consideration of the group at the face-to-face meeting.
3. The group discussed the title of the document, specifically if the exact terminology from the Annex IV disposal operation code should be used, as well as if “specially” should be used in the document. Chair Croteau identified that in the scope of the document the terminology is defined, and that the terminology should not adjust pre-emptively based on the review of the annexes process. For the time being, the terminology and title will be kept, with further discussions occurring at the face-to-face meeting.
4. Chair Croteau identified that numbers for the geological barrier and liner system will not be discussed at the call, but invited members to review the newly added figures of a single liner, double liner, and landfill to prepare for this discussion at the face-to-face meeting. Members were also invited to review the glossary and terminology related to the geological barrier and liner systems. The group agreed to keep the glossary as concise as possible, tailored to the guidelines.
5. Members discussed the development of the section on waste acceptance and pre-treatment, the need for guidance on the restriction of water on the top of the liner, and that there is currently no information on back-flushing. Chair Croteau invited members to provide text proposals to develop these sections and concepts.

**D10/R1 Technical Guidelines**

1. Chair Croteau provided an update to members on which sections of the document have been developed, and identified sections and concepts that the co-leads required input from members on. She identified that some sections of the document related to energy recovery have been moved, and that these sections are still under development.
2. The group discussed how R1 should be referred to in the title of the document, with one member making reference to the wording from the COP-14 decision, which only refers to incineration as covered by R1, not the entirety of R1. Members agreed that a balance is needed between the length of the title of the document and accuracy, and it was agreed to further discuss this matter at the face-to-face meeting.
3. In the current draft document, incinerators with waste-to-energy technology are referred to as “incinerators with energy recovery systems”. One member highlighted that incinerators doing D10 can also reclaim energy, and so the current terminology is limited. Another member identified that information in the document may be misleading regarding the destruction efficiency of POPs between the two types of incinerators. Chair Croteau invited members to provide comments on the current terminology, and submit comments to prepare for the face-to-face meeting.
4. Chair Croteau identified that the section on solid residues is being developed, and that guidance is needed to clarify if ashes can be incinerated, and if metals can be recovered from the bottom ash of hazardous waste incinerators. Members discussed different practices related to the management of solid residues from incinerators, and the group agreed that additional text should be added regarding bottom ash.
5. A discussion regarding minimum temperatures of the furnace prior to the feeding of waste occurred. Members felt that having information about residence time and minimum temperatures are critical for having the required destruction efficiency. One member also brought to the attention of the co-leads that some paragraphs have been moved to the section on monitoring but do not belong under the current heading. The co-leads agreed to revisit the section and make adjustments.
6. Chair Croteau sought guidance on which term is more appropriate: “fluidized bed furnace” or “fluidized bed reactor”, as both are used in the document. One member clarified that “reactor” is a broader term, and that “furnace” is more accurate. The document will be reviewed to ensure consistency with the terminology.
7. One member sought clarification for some terminology used in the new text on energy recovery, and mentioned that the values identified for the temperature and pressure may be too low, referring the co-leads to a new incineration document from Europe. Another member expressed that this new section should also cover the reclamation of energy for operation D10, not just R1. Chair Croteau invited the members to provide text proposals and comments on this section.
8. Chair Croteau invited members to support the development of the section on operational considerations for different types of incinerators in paragraphs 100 to 105, by providing text proposals, studies, or reports.
9. One member provided remarks regarding environmental monitoring during stack by-pass operations and during start-up and shutdown. Chair Croteau invited members to provided written comments on this paragraph.
10. Chair Croteau specified that the approach to the glossary in the current draft will be similar as for the D5 guidelines, and invited members to identify terms to be included, with the aim of keeping the glossary concise.

**Next Steps**

1. Chair Croteau recalled the deadline of February 12, 2020 for receiving comments on both technical guidelines as per the agreed upon work plan. Members were asked members to submit comments in track changes, using the clean version of the two technical guidelines from the December 2019 versions.
2. The co-leads will compile the comments into a tracking table, and, if time permits, integrate these comments into the guidelines in track changes for the face-to-face meeting.

**The meeting was closed at 2:30pm.**

**Annex I – List of attendees**

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| **NAME** | | | **REPRESENTING** |
|  | Mr Abel Arkenbout | | ToxicoWatch |
|  | Mr Alain Heidelberger | | Hazardous Waste Europe |
|  | Mr Bernd Engelmann | | Germany, UBA |
|  | Mr Christopher Mariano | | Environment and Climate Change Canada |
|  | Mr Eshwar Samaroo | | Guyana Environmental Protection Agency |
|  | Ms Irina Talamoni | | Secretariat of Environment and sustainable development, Argentina |
|  | Mr Guangyan Yao | | Chinese Research Academy of Environmental Sciences |
|  | Mr Joost Meijer | | Ministry of Environment, Chile |
|  | Mr Jorge Diaz | | European Commission |
|  | Ms Julie Croteau | | Environment and Climate Change Canada |
|  | Mr Maxime Dube | | Environment and Climate Change Canada |
|  | Mr Keijiro Tomoda | | TOWA technology Corp. |
|  | Ms. Liu Hongbo | | Chinese Research Academy of Environmental Sciences |
|  | Mr Lorenzo Ceccherini | | CEWEP |
|  | Mr Markus Gleis | | Germany, UBA |
|  | Ms Mayumi Tamiya | | Towa Technology Corporation, Japan |
|  | Mr Michael Ernst | | Federal Environment Ministry, Germany |
|  | Mr Mike Hale | | EURITS |
|  | Ms Reem Musleh | | State of Palestine |
|  | Mr Roger Simon | | Guyana Environmental Protection Agency |
|  | Mr Tadashi Teranishi | | Ministry of the Environment, Japan |
|  | Mr Yo Osada | | Japan Industrial Waste Management Foundation |
|  | Mr Zama Tembu | | South Africa |
| **BRS Secretariat** | | | |
|  | Ms. Carla Valle-Klann | BRS Secretariat | |
|  | Mr. Shunsuke Kudo | BRS Secretariat | |

**Annex II – Adopted Agenda of the call**

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| Item | Activity | Time |
| **1** | **Introductory remarks**   * Adoption of the agenda | **5 min** |
| **2** | **Face to face meeting of March 18-19, 2020**   * Logistics, draft agenda and draft tentative schedule | **15 min** |
| **2** | **D5 draft technical guidelines**   * Development of the D5 guidelines * Outstanding issues as identified in the tracking table * Open discussion on the guidelines | **45 min** |
| **3** | **D10/R1 draft technical guidelines**   * Development of the D10 guidelines * Integration of incineration as covered by R1 into the D10 guidelines * Outstanding issues as identified in the tracking table * Open discussion on the guidelines | **45 min** |
| **5** | **Concluding remarks and next steps**   * Invitation for further comments | **10 min** |

**Meeting documents:**

1. Draft updated technical guidelines on D5, December 13th 2019 track changes version
2. Draft updated technical guidelines on D5, December 13th 2019 clean version
3. Tracking table of comments on D5, December 13th 2019 version
4. Draft updated technical guidelines on D10/R1, December 13th 2019 track changes version
5. Draft updated technical guidelines on D10/R1, December 13th 2019 clean version
6. Tracking table of comments on D10/R1, December 13th 2019 version
7. Draft provisional agenda for the face-to-face meeting
8. Draft tentative schedule for the face-to-face meeting