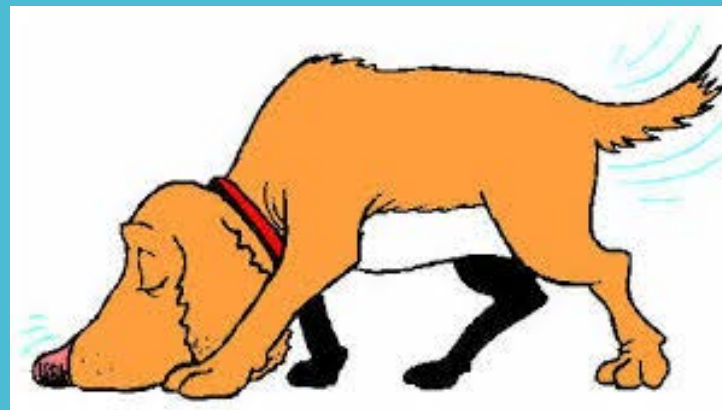




CASA

ODOUR ASSESSMENT TASK GROUP

Final Report Presentation to the OMT



Kim Johnson, CAPP

20 April 2015

BACKGROUND

- The Odour Assessment Task Group (OATG) was formed in October 2013 to undertake the work listed under ‘Odour Assessment’ in the Odour Management Project Charter (March 2013)
- The dedication of the Odour Assessment and Prevention/Mitigation members to complete deliverables from two task groups is acknowledged and appreciated.



MEMBERSHIP



- Atta Atia, Alberta Agriculture and Rural Development
- Ron Axelson, Intensive Livestock Working Group
- Phyllis Bielawski, Alberta Environment and Sustainable Resource Development
- Ike Edeogu, Alberta Agriculture and Rural Development
- Kim Johnson, Canadian Association of Petroleum Producers (CAPP) (Shell)
- Gerald Palanca, Alberta Energy Regulator
- David Spink, Prairie Acid Rain Coalition
- *Former/Corresponding Members:* Tracy Smith, Canadian Association of Petroleum Producers (CAPP) (Shell); Abena Twumasi-Smith, Wood Buffalo Environmental Association; Kevin Warren, Parkland Airshed Management Zone

TASK GROUP OBJECTIVES

The Project Charter outlines one objective under Odour Assessment.

1. *To provide information on options, tools and recommended action for odour assessment.*



WORKPLAN OVERVIEW

Vision:

“Effective management of existing or potential odour issues requires practical, credible and appropriate tools to assess odour. The results of an odour assessment can be used to determine the appropriate type and level of response to address an existing or potential odour issue.”

Deliverables:

- ❑ An analysis of odour assessment tools/practices and their applicability to the Alberta context including when/when not they are appropriate to use.
- ❑ A ‘key’ to facilitate access to the information in the analysis (ex. Decision tree, roadmap).

The analysis and key is not source specific, but addresses types of odour sources in general, i.e., line, area, volume, point.



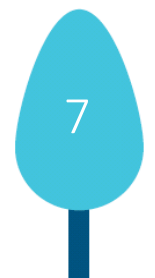


TASK GROUP IMPLEMENTATION & BUDGET



To meet their objectives the Odour Assessment task group:

- Met 12 times through in-person and teleconference meetings,
- Spent over 550 in-kind hours in and between meetings developing and reviewing deliverables, and
- Came in marginally over their allocated budget from the OMT.





TASK GROUP DELIVERABLES

Task Group Deliverables	Completion Status and Details
An analysis of odour assessment tools/practices and their applicability to the Alberta context including when they are/not appropriate to use.	Complete. <ul style="list-style-type: none">– The task group worked with a consultant to analyze odour assessment tools/practices and their applicability in the Alberta context (consultant report titled: <i>Review of Odour Assessment Tools and Practices for Alberta</i>).
A ‘key’ to facilitate access and use of the information in the analysis (e.g. a decision tree, roadmap).	Complete. <ul style="list-style-type: none">– The task group created an <i>Odour Assessment Guide</i> that provides assistance in the determination of when and where odour assessment options may be most applicable (Appendix of the above listed consultant report).



TASK GROUP DELIVERABLES

▣ Intended Audience

- Government and industry (both technical and non-technical in nature - can be understood by the public).

▣ Task Group Considerations for the Report

- All deliverables must be tailored to the Alberta context;
- A review of tools available in Alberta and other jurisdictions.
- Tools that were practical in terms of human resources and financial cost.
- Tools that could be used for assessing complaints from receptors, managing the source (e.g facilities), monitoring, etc.
- Information on when certain tools would or would not be appropriate to use.



WORKPLAN METHODOLOGY

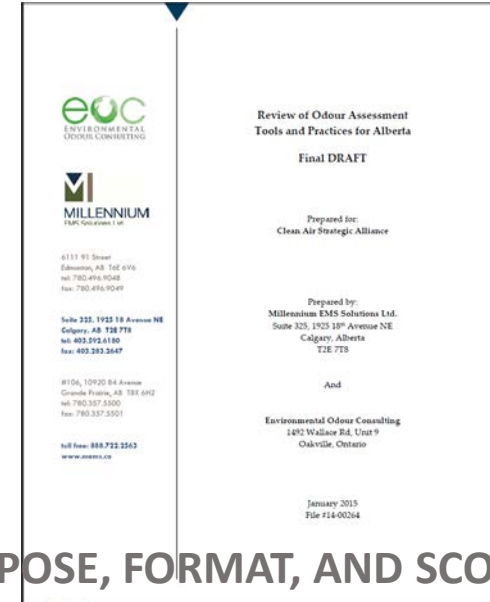
- ❑ **Step 1:** included developing an inventory of odour assessment tools and practices with an appropriate amount of detail to conduct next steps. The group first conducted a literature review for tools/practices.
- ❑ **Step 2:** included outlining a list of odour issues that were determined to be relevant to Alberta. This was used in the groups' analysis of when a tool/practice was or was not applicable to Alberta and to assess how and when to use the tools/practices.
- ❑ **Step 3:** the task group prepared the analysis of the inventory of odour assessment tools/practices that address odour issues relevant to Alberta and developed specific recommendations relating to gaps that were identified.
- ❑ **Step 4:** the group developed a tool that would allow users to easily access, use and interpret the assessment report.

REFLECTIONS ON DELIVERABLE



“Review of Odour Assessment Tools and Practices for Alberta” with the “CASA Odour Assessment Guide” supports the Odour Assessment Task Group objectives by:

- ✓ Providing a contextual piece about odour assessment and how the nature and character of an odour issue influences the selection and use of odour assessment tools.
- ✓ Providing an inventory and brief description of specific odour assessment tools/practices with analysis of when, where and how the tool and/or practice might be applied to the Alberta context.
- ✓ Providing a ‘guide’ for the tools and practices that facilitates user’s access to the information on tools and helps users understand which tool is appropriate to their odour assessment needs.



- 1.0 PURPOSE, FORMAT, AND SCOPE**
- 2.0 INTRODUCTION TO ODOUR**
- 3.0 ODOUR ASSESSMENT**
- 4.0 ODOUR ASSESSMENT TOOLS AND PRACTICES**
- 5.0 REFERENCES SECTIONS 1 TO 4**
- 6.0 ODOUR ASSESSMENT TOOL DESCRIPTION**
- Appendix A The CASA Odour Assessment Guide**

ADVICE & RECOMMENDATIONS

Odour Assessment Report

- The group worked together with the consultant to refine the content of the assessment report to align it with their overall vision.
- Agreed by consensus to accept the report for inclusion in the Good Practice Guide.





ADVICE TO THE OMT - COMMUNICATIONS



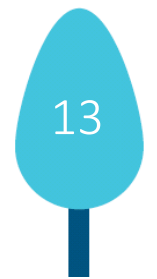
Considerations for OMT for the distribution of the groups' deliverables.

- Related to the report:

1. The odour assessment consultant report and associated guide is comprehensive. The TG has included an errata/addendum to the report where they document areas of non-consensus, and advise the OMT to include both components in their deliverables.
2. Roll-out should target two main audiences for the distribution of their report (both technical (such as engineers and planners) and general (non-technical) audiences that are interested in odour assessment tools.

- Related to distributing the report:

3. Target applicable government departments with the report due to the versatile nature of the report and comprehensiveness of the information. Ability to customize a communications plan (for both internal staff and external clients).





ADVICE TO THE OMT - FUTURE WORK



1. The odour assessment report should be updated regularly and kept current.
 - A 5 year period is a reasonable time.
 - Consider how existing practices and tools are being used and identify any new.
 - Follow a similar multi-stakeholder process and format as the task group.
2. The CASA Odour Assessment Guide should be assessed to determine if it is being used.
3. The task group recommends piloting the CASA Odour Assessment Guide with government and industry stakeholders.
4. The task group recommends conducting a comprehensive gap analysis of odour assessment practices/tools in Alberta.



LINKS TO OTHER TASK GROUPS

Linkage to all other task groups. The assessment report references other task group topics in several sections.

Enforcement/Role of Regulation Task Group

- Inclusion of Environmental Impact Assessment modelling requirements in the report.
 - Noted that there are no guidelines around odour assessment and that current odour regulatory requirements in Alberta are being reviewed by the Enforcement/Role of Regulation Task Group.
- Identification of a variety of tools that can be used for odour assessment including olfactometry.
 - Tools that apply in a regulatory sense were assumed to be reviewed by the Enforcement/Role of Regulation Task Group.



LESSONS LEARNED

- The OATG wanted to express their satisfaction with the multi-stakeholder approach used by CASA and the task group, which was especially useful and beneficial in producing their deliverables.
- The task group wanted to highlight to the OMT, that even though formal processes were followed for developing the RFP, checking references, following up on the proposal, and choosing a consultant with hands on experience, there were considerable challenges in the development of the consultant report. The group provides some of their considerations for future contracting.

RECOMMENDATIONS

Recommendation 1: Accept the Task Group's consultant report with qualifiers.

The task group recommends the OMT accept the consultant report with qualifiers, i.e. the task group addendum, for inclusion as the Good Practice Guide is developed.

Recommendation 2: Accept the Task Group's final report.

The task group recommends the OMT accept their final report and the advice and recommendations within, for consideration as the OMT develops their deliverables.

RECOMMENDATIONS

Recommendation 3: Disband the Task Group, after review of the GPG.

The task group recommends they have an opportunity to review the GPG applicable sections to the groups' topic, after which the group should be disbanded as their workplan will be complete.



QUESTIONS?



“Eww! Gross! You smell really good. Have you been in the rose garden again?”