

DECOMMISSIONING STANDARDS WORKSHOP

1. Gained an understanding of an acceptable approach to achieving decommissioning/reclamation "standards" using consistent terminology.

2. The approach recognizes three levels of detail:

- ▶ Objective - Generic
- ▶ Criteria - Accepted limits
- ▶ Standard - Adapted limits

3. Objectives include:
- ▶ Reclaim to an acceptable use
 - ▶ Ensure public safety
 - ▶ Minimize off-site effect on the environment
 - ▶ Aesthetically acceptable
 - ▶ Maintenance free

4. Criteria include:
- ▶ Broad based limits
(SSWQO, MMLER)
 - ▶ Industry specific
 - ▶ Recognize age of operation
(grandfathering, retroactivity)

5. Standards include:
- ▶ Site specific adaptation of Criteria
 - ▶ Based on background conditions
 - ▶ Modified by local requirements
 - ▶ Recognize risk assessment to modify Criteria

8. Any Criteria or Standards need to be science based - apply common sense and research supported.

9. Public involvement is crucial at all three levels:

- ▶ Easier in Objectives
- ▶ Less in Criteria and Standards due to lack of technical expertise
- ▶ Involvement in Objective and Criteria development
- ▶ Information/education in Standard development

10. Overlapping jurisdiction between level of Government
 - ▶ Need to minimize and/or harmonize

11. For new projects the planning needs to recognize and incorporate decommissioning and reclamation.

12. Reclamation activities are more cost effective when done throughout the operating life/progressive.

13. Orphan sites
▶ recommend topic for future session

14. QUESTIONS

- ▶ When does decommissioning reclamation end?
- ▶ How long does monitoring go on?
- ▶ When does company's liability end? Does it?
- ▶ Does liability end for certain aspects?

**ENVIRONMENTAL MANAGEMENT FOR
MINING**

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