

Giant Mine Arsenic Trioxide Technical Workshop

June 22 - 24, 1999

**Katimavik Room "B" (Plenary Session Location), Explorer Hotel,
Yellowknife, Northwest Territories**

Agenda Day 1: Tuesday, June 22, 1999

Sessions Open To The Public & Media For Observation

08:30 - 09:00

Arrival and Registration

09:00 - 09:30

Welcome and Opening Remarks

- Welcome (Andy Swiderski, Facilitator)
(Dave Nutter, DIAND)
(Bob McLeod, GNWT)
- Introduction of participants
- Purpose, Objectives and Anticipated Workshop Results (Facilitator)
- Roles & Responsibilities and workshop "ground rules and procedures" (Facilitator)
- Overview of Logistics & Organization, Reference Materials and Displays (including a "reading and resource room" located in the Frobisher Room)
- Keeping track and recording of discussions (Facilitator)
- Review of Participant Reference Binder (Facilitator)
- Agenda Review (Facilitator)
- Questions/discussion

PART ONE: DEVELOPING A COMMON UNDERSTANDING OF THE PROBLEM

09:30 - 10:10

**Agenda Item No. 1: Overview of Arsenic Trioxide Management At
Giant Mine and the Chronology of events
Related to the Work Completed To date On
Arsenic Trioxide Management Practices and
Options (Objective 1)**

- 30 minute presentation by Rick Allan, Manhattan Resources;
Neill Thompson, DIAND, and John Gale, FracFlow
- Questions/discussion

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- 10:10 - 10:45 **Agenda Item No. 2: The Giant Mine Arsenic Trioxide Management Strategy Being Led By The Federal Government: Commitment and Action (Obj. 2)**
- 20 minute presentation by Dave Nutter, DIAND.
 - Questions/discussion
- 10:45 - 11:00 **Break**
- 11:00 - 11:30 **Agenda Item No. 3: Development Of The Giant Mine Arsenic Trioxide Project Description: Objectives & Performance Standards, Environmental Review & Decision Making Processes (Obj. 3)**
- 20 minute presentation David Livingstone, DIAND
 - Questions/discussion
- 11:30 - 12:00 **Agenda Item No. 4: Environmental Impact Assessment Process, Criteria, Factors and Considerations To Ensure Public Health and Environmental Safety. (Obj. 3)**
- 20 minute presentation by Heidi Klein, MVEIRB
 - Questions/discussion
- 12:00 - 1:00 **Lunch (lunch will not be provided)**

**PART TWO: DEVELOPMENT & APPLICATION OF OPTIONS
EVALUATION CRITERIA AND PROCESS**

- 1:15 - 2:30 **Agenda Item No. 5: Framework For Assessing The Options: Preliminary Evaluation Criteria & Comparative Matrix**
- 15 minute presentation on evaluation approach, principles & methods by Jim Micak, Facilitator
 - 30 minute presentation on the development and application of performance screening criteria and introduction to the preliminary evaluation criteria by Gary Strong, Dillon
 - Questions/discussion
 - Instructions for *Task 1 Working Groups*
- 2:30 - 2:45 **Break**

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2:45 - 4:30**Agenda Item No. 6: Task 1 Working Groups: To Discuss Evaluation Criteria (Objective 5 and 6)**

- Working Group A: Katimavik "A", (Andy Swiderski, Facilitator)
- Working Group B: Katimavik "C", (Jim Micak, Facilitator)
- Designated Recorders in each working group

4:30 - 5:30**Agenda Item No. 7: Plenary Session On Task 1: Working Towards Consensus On The Options Evaluation Criteria (Objective 5 and 6)**

- 10 minute presentations by Working Group A and B on Task 1
- plenary open discussion
- Questions/discussion
- Instructions for *Task 2 Working Groups (Day 2 activity)*

5:30 - 6:30**Public Questions & Discussions****6:30 - 7:00****Media Questions****7:00 -****Day One Wrap Up and Instructions for Day 2**

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Agenda Day 2: Wednesday, June 23, 1999

Sessions Open To The Public & Media For Observation

08:30 - 8:45

Arrival, Welcome and Opening Remarks

- Purpose, Objectives and Anticipated Workshop Results (Facilitator)
- Day 2 Agenda Review (Facilitator)
- Roles & Responsibilities (Facilitator)
- Questions/discussion

PART TWO: DEVELOPMENT & APPLICATION OF OPTIONS EVALUATION CRITERIA AND PROCESS (Continued from Day 1)

8:45 - 3:15

Agenda Item No. 8: Engineering & Scientific Options Explored To Date: Minimum Performance Criteria, Issues, Data Gaps and Work In Progress (Obj. 4)

8:45 - 9:30

Option Number 1: Storage in Place

- 30 minute presentation by John Brodie
- 15 minute questions/discussion

9:30 - 10:15

Option Number 2: Stabilization/Solidification

- 30 minute presentation by Bill Cullen
- 15 minute questions/discussion

10:15 - 10:30

Break

10:30 - 11:15

Option Number 3: Autoclave

- 30 minute presentation by Rodney McElroy
- 15 minute questions/discussion

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11:15 - 12:00

Option Number 4: Sublimation (WAROX & El Indio)

- 30 minute presentation by Serena Domville & Kent Morton
- 15 minute questions/discussion

12:00 - 1:00

Lunch (lunch will not be provided)

(Progress dependent there is the option to serve lunch for 30 minutes and continue with presentations to allow more time for Working Groups)*

1:00 - 1:45

Option Number 5: Hot Water Leach

- 30 minute presentation by Patricio Riveros
- 15 minute questions/discussion

1:45 - 2:30

Option Number 6: EMR Technologies

- 30 minute presentation by Jim Tranquilla
- 15 minute questions/discussion

2:30 - 3:15

Option Number 7: Bio Leaching

- 30 minute presentation by Simon Purkiss
- 15 minute questions/discussion

3:15 - 3:30

Break

3:30 - 4:30

Agenda Item No. 9: Task 2 Working Groups: To Discuss The Application Of The Comparative Evaluation Matrix To The Options (Objective 5 and 6)

- Working Group A: Katimavik "A", (Andy Swiderski, Facilitator)
- Working Group B: Katimavik "C", (Jim Micak, Facilitator)
- Designated Recorders in each working group

4:30 - 5:30

Agenda Item No.10: Plenary Session On Task 2: Working Towards Consensus On The Application Of The Comparative Evaluation Matrix To The Options (Objective 5 and 6)

- 10 minute presentations by Working Group A and B on Task 2
- plenary open discussion
- Questions/discussion

5:30 - 6:30

Public Questions & Discussions

6:30 - 7:00

Media Questions

7:00 -

Day Two Wrap Up and Instructions for Day 3

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Agenda Day 3: Thursday, June 24, 1999

Sessions Open To The Public & Media For Observation

08:30 - 08:45

Arrival, Welcome and Opening Remarks

- Purpose, Objectives and Anticipated Workshop Results (Facilitator)
- Day 3 Agenda Review (Facilitator)
- Roles & Responsibilities (Facilitator)
- Questions/discussion

08:45 - 10:30

Agenda Item No.11: Review of Ranking of Options and Confirmation of Selection of Preferred Options (Objective. 6 and 7)

- presentation by Andy Swiderski, Facilitator
- open plenary discussion
- Questions/discussion
- Instructions for Task 3 Working Groups

10:30 - 10:45

Break

PART THREE: DEVELOPMENT OF AN ACTION PLAN FOR DETAILED OPTIONS ANALYSIS

10:45 - 12:00

Agenda Item No.12: Task 3 Working Groups: Development Of An Action Plan For Detailed Options Analysis: Strategic Considerations, Approaches and Key Elements (Objective. 8)

- Working Group A: Katimavik "A",
(Andy Swiderski, Facilitator)
- Working Group B: *Cumberland Room,*

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- (Jim Micak, Facilitator)
- Working Group C: **(If Required)**, Location TBD,
(Craig Thomas, Facilitator)
- Designated Recorders in each working group

- 12:00 - 1:00 Lunch (lunch will not be provided)

- 1:15 - 2:30 **Agenda Item No.13: Task 3 Working Groups: Development Of An
Action Plan For Detailed Options Analysis:
Strategic Considerations, Approaches and Key
Elements (Continued from the morning)
(Objective. 8)**

- 2:30 - 2:45 Break

- 2:45 - 4:30 **Agenda Item No.14: Plenary Session On Task 3: Working Towards
Consensus On The Action Plan For Detailed
Options Analysis (Objective 8)**
 - 10 minute presentations by Working Group A, B and C (if required)
on Task 3
 - plenary open discussion
 - Questions/discussion

- 4:30 - 5:00 **Agenda Item No.15: Findings and Results Of The Workshop: Next
Steps (Objective. 9)**
 - presentation by Facilitator
 - Questions/discussion

- 5:00 - 6:00 **Public Questions & Discussion**

- 6:00 - 6:30 **Media Questions**

- 6:30 **Workshop Closing Comments and Wrap Up**
 - Dave Nutter, DIAND