

Update on Regulation of Orica Groundwater Contamination

Groundwater Community Liaison Committee

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Contaminated Sites

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1

Overview of Presentation

- **Orica's progress under the Clean Up Notice**
 - Groundwater Containment
 - Groundwater Treatment Plant
- **Action Item #03**

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2

Orica's Progress under the Clean Up Notice

- **Groundwater Containment**
 - **Quarterly Monitoring Report**
 - **Chemical Monitoring**
 - **Hydraulic Monitoring**

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3

Orica's Progress under the Clean Up Notice

- **Groundwater Treatment Plant**
 - **Ammonia Reduction Pollution Reduction Program**
 - **Lower Temperature GTP Operation**
 - **General amendments to licence, including test methods**
 - **FTIR monitoring**

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4

Impacts of Chloramines & CHCs

- **Chloramines**
 - Aquatic organisms more sensitive than people
 - Used in drinking water

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5

Impacts of Chloramines & CHCs

- **Chlorinated Hydrocarbons**
 - Do not bioaccumulate
 - Quickly evaporate
 - Some are carcinogenic

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6