

RESPONDING TO OUR CHALLENGES

NITRATE MANAGEMENT

Response Actions Taken

- Increased sampling frequency
- Establishment of a Nitrate Management Steering Committee comprised of key stakeholders (Mining, Engineering, Environment and Contractors with focus on improvement in the following areas:
 - Explosives handling on pattern and blast hole filling
 - Explosives Product QA/QC review
 - Review and Correction of Loading Practices
 - Consultation with Drill and Blast crew regarding unexploded ordinance impacts on water quality
 - Remedial KPI establishment (10% reduction from Pits)
 - Communication of Water Management Pond nitrate trends to front line staff
 - Procurement of on-site equipment allowing for immediate water quality results

A look ahead...

- Ice melt and Spring 2018 freshet inflows will provide dilution
- Greatly improved nitrate management is expected to allow for gradual recovery which will be closely monitored

