



# Department of Lands



**Ekati Diamond Mine Update  
IEMA Annual General Meeting**

# LLCF Cell D & Cell E Pumping

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- **August 5<sup>th</sup>, 2020:** Inspector authorizes pumping rates at the LLCF be allowed to pump at rates greater than the licence limit of 0.52 m<sup>3</sup>/s to achieve a safe operating elevation of 447.5 MASL within Cells D & E. Rates must not exceed the licenced allowable limit of 2.55 m<sup>3</sup>/s. Water to be sampled as per the established SNP and must meet or exceed EQC's found within Water Licence MV2012L2-0001, Part H, Condition 12(a).
- **August 31<sup>st</sup>, 2020:** Water elevations at Cell D – 449.22 MASL & Cell E – 448.66 MASL
- **September 2<sup>nd</sup>, 2020:** Inspector authorizes the increased pumping rates to continue up to September 30<sup>th</sup>, 2020 or until a safe operating elevation of 447.5 MASL is achieved.
- **September 21<sup>st</sup>, 2020:** Water elevations at Cell D – 449.35 MASL & Cell E – 448.018 MASL



# LLCF Cell E to Leslie Lake



# Cell E Pump Station





# LLCF Dyke D Pumping Station



# Sable Camp & Laydown



9:38 SEP/10/2020



# Sable Pit



# Two-Rock Settling Pond





# Two-Rock to Horseshoe Lake



# Compliance

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- Inspections have been conducted on-the-ground and by helicopter since the COVID-19 pandemic started. Generally, we are back up to speed regarding the frequency of inspections (eg: approximately one per month and as required)
- Weekly updates regarding the Ekati Diamond Mine site conditions have been forwarded to the Inspector and updates include water elevations at the LLCF Cells D & E. The updates include photos showing progress to address the Inspectors concerns
- No major concerns were noted during the June 25<sup>th</sup> and September 10<sup>th</sup>, 2020 inspections
- It should be noted the only water being pumped into the receiving environment from the mine is occurring at Leslie Lake