



**Lands- North Slave Region**

**September 13<sup>th</sup> 2017**

**Dominion Diamond Ekati Corporation**

**#1102 - 4920 52<sup>nd</sup> Street  
Yellowknife, NT X1A 3T1**

**Land Use Permit  
W2016D0003  
Sable Development**

Attn: Claudine Lee – Head Environment and Community

**Re: September 5<sup>th</sup> 2017 Land Use Permit Inspection W2016D0003**

Dear Ms. Lee,

On September 5<sup>th</sup> 2017, a Land Use Inspection was conducted on the Sable Development by the Manager, Diamond Resource Management, Marty Sanderson. On this inspection the Manager/GNWT Lands Inspector was accompanied and assisted by Ekati Diamonds Environment Advisor-Compliance, Mr. Dustin Chaffee.

The inspection was conducted to ensure that all operating conditions annexed to the above noted land use permit are being adhered to during this operation. This report provides comments based on general observations and highlights any concerns or items that should be addressed by the Licensee / Permittee. No concerns were identified during this inspection. Attached / enclosed is the full Inspection Report along with related site photographs.

The following area was inspected and the details of the findings are included in the attached report:

- Sable Office Complex
- Site Roads and Laydown Areas
- Frozen Core Plant

If you have any questions or concerns please contact the undersigned at (867) 767-9187 extension 24186. Thank you for your continued cooperation.

Sincerely,



Marty Sanderson  
Manager, Diamond Resource Management,  
Department of Lands  
North Slave Region  
[Marty\\_Sanderson@gov.nt.ca](mailto:Marty_Sanderson@gov.nt.ca)

cc: Ms. Megan Schnurr – Regulatory Specialist, Wek'èezhii Land and Water Board  
Ms. Roberta Judas – Regulatory Technician, Wek'èezhii Land and Water Board  
Mr. Scott Stewart - Regional Superintendent Department of Lands  
Marc Casas -Executive Director, Independent Environmental Monitoring Agency

### ENVIRONMENTAL INSPECTION REPORT

|   |  |
|---|--|
| Permittee: Dominion Diamond Ekati Corporation | Inspection Date:<br>September 5 <sup>th</sup> 2017 |
|---|--|

|                      |                | Permit Expiry Date | Last Previous Inspection     |
|----------------------|----------------|--------------------|------------------------------|
| Land Use Permit No.  | W2016D-0003    | May 11 2021        | August 10 <sup>th</sup> 2017 |
| Quarrying Permit No. | N/A            |                    |                              |
| Contractor:          | Nuna Logistics |                    | Subcontractor: N/A           |

|                           |   |
|---------------------------|---|
| Location(s)<br>Inspected: | Field Office Complex<br>Site Roads and Laydown Areas<br>Frozen Core Plant |
|---------------------------|---|

|                                |  |
|--------------------------------|--|
| Current Stage of<br>Operation: | Construction of a maintenance building is nearing completion.<br>Piping and electrical work continues in the Berm of bulk fuel storage facility<br>Drilling/Blasting (Level 500 and 490) and Waste rock removal from the pit perimeter continues |
|--------------------------------|--|

|                                       |     |
|---------------------------------------|-----|
| Program<br>Modifications<br>Approved: | N/A |
|---------------------------------------|-----|

Condition of Operation "A" - Acceptable "U" - Unacceptable "N/A" - Not Applicable "\*" - Cautionary Remark

|   | Operating Condition   | Aspect Inspected                     |                      | Refers to Permit or License Requirement   |
|---|---|--------------------------------------|----------------------|---|
|   |   | Office complex, laydowns, site roads | Two Rock Filter Dyke |   |
|   |   |                                      |                      | Condition<br>(*An Asterisk denotes a cautionary remark)   |
| A | Location and Area   | A                                    | A                    | Office complex located at Zone 12 522320 7191970  |
| B | Time  | A                                    | A                    | 26(1) (b) 6: Inspector was given 48 hour notice on commencement of this land-use operation on June 27 <sup>th</sup> 2016. |
| C | Type and Size of Equipment  | A                                    | A                    |   |
| D | Methods and Techniques  | A                                    | A                    |   |
| E | Type, Location, Capacity and Operation of All Facilities                                    | A                                    | A                    |   |
| F | Control or Prevention of Ponding of Water, Flooding, Erosion, Slides and Subsidence of Land | A                                    | A                    |   |

|   |  |     |     |   |
|---|--|-----|-----|---|
| G | Use, Storage, Handling and Ultimate Disposal of Any Chemical or Toxic Material | A   | A   |   |
| H | Wildlife and Fisheries Habitat   | A   | A   |   |
| I | Storage, Handling and Disposal of Refuse or Sewage                             | A   | A   | Sewage is pumped out daily and disposed of at main camp facilities. Garbage is trucked to main camp daily or as required.   |
| J | Protection of Historical, Archeological and Burial Sites                       | A   | A   |   |
| K | Objects and Places of Recreational, Scenic or Ecological Value                 | N/A | NA  |   |
| L | Security Deposit   | A   | A   |   |
| M | Fuel Storage   | A   | A   | <p>Spill kits where noted at all locations with fuel</p> <p>Secondary containment noted under all hydrocarbon products.</p> <p>Secondary containment under office complex generator/generator light plants.</p> <p>All equipment refueled currently with mobile fuel truck.</p> <p>Fuel tank at the Frozen Core building has now been decommissioned and removed</p> <p>4- 500,000 Litre steel tanks have been established in a berm.</p> <p>Arctic Pump Systems HL 250 has now been moved from Sable Lake and positioned on the west shore of Two Rock sedimentation pond.</p> |
| N | Methods and Techniques for Debris and Brush Disposal                           | N/A | N/A |   |
| O | Restoration of the Lands   | A   | A   | Organics recovered are being stripped and stored for future potential reclamation   |
| P | Display of Permits and Permit Numbers  | A   | A   | Permit is posted at the office complex  |
| Q | Matters Not Inconsistent with the Regulations                                  | A   | A   |   |
| R | Sections 8 to 16 M.V.L.U.R.  | A   | A   |   |

**ENVIRONMENTAL INSPECTION REPORT**

|                             |                      |
|-----------------------------|----------------------|
| Date:<br>September 5th 2017 | Permit #: W2016D0003 |
|-----------------------------|----------------------|

**Notes / Explanatory Cautionary Remark**

An Inspection of the Sable Development was conducted by Marty Sanderson, Inspector/Manager-Diamond Resource Management. The Inspector was accompanied by Ekati Diamonds Environment Advisor-Compliance, Mr. Dustin Chaffee. The inspection was conducted to ensure that all operating conditions annexed to the above noted land use permit are being adhered to during this operation.

**Sable Office Complex**

The Frame of the maintenance shelter has now been completed. All 4 walls and the roof of this building have now been covered (Photo 1). The footprint of this shelter is 30 x 70 meters.

Work with fuel piping and electrical continues within the 4 - 500,000 Litre fuel tank berm (Photo 2). Components such as refueling nozzle cradles/containers (Photo 3) and berm pump out sumps (Photo 4) were being installed during this inspection. All wastes are being sorted in segregation bins (Photo 5) and garbage is being stored in a secure bin that is regularly disposed (Photo 6).

**Access, site roads and Sable Haul Road**

The pads and site roads for all of the Sable facilities are being maintained to the satisfaction of the Inspector.

**Frozen Core Plant**

The Frozen Core building has now been taken down (Photo 7). The Inspector requested a thorough cleanup be conducted at the location of the laydown area of the Frozen Core Plant. DDEC completed the clean up shortly after this inspection. (Photo 8).

The Inspector noted that all conditions of Land Use Permit W2016D0003 are being adhered to. No concerns were noted on the September 5<sup>th</sup> 2017 W2016D0003 Land Use Permit inspection.

Completed off site

Marty Sanderson



Representative's Signature

GNWT Lands Inspector

Inspector's Signature



Photo 1: Sable Office Complex - The Frame of the maintenance shelter has now been completed. All 4 walls and the roof of this building have now been covered



Photo 2: Sable Office Complex - Work with fuel piping and electrical continues within the 4 - 500,000 Litre fuel tank berm



Photo 3: Sable Office Complex - A refueling nozzle cradle will be installed as part of the refuelling stations in the near future. The Inspector noted piping and fittings were in position for this unit.



Photo 4: Sable Office Complex - A Berm pump out sump was installed to assist in the removal water from this facility.



Photo 5: Sable Office Complex - An arrangement of sorting bins was noted in the front of the Sable Office Building. Wastes are removed from here and disposed of to approved facilities.



Photo 6: Sable Office Complex - All garbage that requires incineration is stored in a secure bin. Garbage is removed to the Incinerator building on a regular basis.





Photo 7: Sable Frozen Core Plant - The Sable Frozen Core Plant building was decommissioned and stacked for removal.



Photo 8: Sable Frozen Core Building Laydown Area - The Laydown for this facility was cleaned up shortly after this inspection.