newgold™ Rainy River Project

January 18, 2017

Ray Boivin
Senior Environmental Officer
Ministry of the Environment and Climate Change
808 Robertson St.
Kenora, ON P9N 1X9
Via email; Ray.Boivin@ontario.ca

Dear Mr. Boivin,

RE: 150L Dyed Diesel Fuel Spill - SAC Reference #2733-AHPQSH

Further to the notification to the Spills Action Centre (SAC) Reference #2733-AHPQSH regarding a spill of dyed diesel fuel on January 17th 2017, the following report is submitted to the Ministry of Environment and Climate Change (MOECC).

Discovery

- During routine removal of overburden from the Phase 1 Pit to Finger 1 of the Overburden Stockpile an operator noticed a Komatsu 830E haul truck was leaking fuel.
- The operator of the leaking haul truck (unit number 205) was informed immediately and found a safe place to park and shut down the unit.

Cause

- Spill was caused by a lose piece of frozen overburden impacting the fuel filter. The operator had tried to straddle the lose piece of frozen overburden on the haul road.

Clean Up and Recovery

- There was no impact to any water source.
- 150 liters of dyed diesel was spilled;
    - Approximately 250L of dyed diesel fuel was lost from the fuel tank by the time the leak was stopped.100L of dyed diesel was captured in spill trays and totes before the leak was stopped from the fuel tank.
- Approximately 50 tonnes (27.8 m^3) of contaminated soil was removed from the haul road using heavy equipment. Spill pads, boom socks, shovels and barrels were used to clean up the remaining material.
- The 50 tonnes / 27.8 m^3 of contaminated soil was removed by heavy equipment to the Richardson Township Landfill as per the New Gold Rainy River Project (RRP) Spill Procedure for Large Spills. The Richardson Township Landfill is a certified receiver of contaminated soil as per the Certificate of Approval.
- The New Gold RRP Spill Procedure continued to be followed for the disposal of the spill pads, boom socks and a small amount of contaminated soil; they were placed in appropriate barrels.

The barrels are labelled appropriately and stored at Laydown 7 for pick up by the New Gold RRP contaminated waste disposal contractor, Green For Life.

Preventative Measures

- The Canadian Model was followed and the operator of Unit 205 was taken for drug and alcohol testing in relation to this incident. The operator was found fit for duty.
- The incident was reviewed with all crews with emphasis on the importance of situational awareness, driving to conditions and what can happen when shortcuts or poor decisions are made.

Once you have had the opportunity to review this information please feel free to contact the undersigned or Darrell Martindale (at darrell.martindale@newgold.com or 807-707-3497) with any additional questions you may have.

Regards,

<Original signed by>

Nathan Baird
Environmental Technician
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newgold™ Rainy River Project

October 19th, 2017

Matt Hoffmeister
Senior Environment Officer, Kenora Area
Ministry of the Environment and Climate Change
808 Robertson Street
Kenora, ON P9N 1X9
Via email; Matt.Hoffmeister@ontario.ca

Dear Mr. Hoffmeister,

RE: Leach Tank Slurry 100L Spill – SAC Reference #0207-AS7UTC

Further to the notification to the Spills Action Centre (SAC) Reference #0270-AS7UTC regarding a spill of Leach Tank Slurry (20% solids) on October 16th, 2017, the following report is submitted to the Ministry of the Environment and Climate Change (MOECC).

Discovery

- As part of the regular commissioning and operation of the Mill, Leach Tank Slurry (slurry) runs through the process from the Leach Tank 1 to Leach Tank 2 through a square chute called a launder. The launder is near the top of the tanks, approximately 12 m high.
- The Leach Tanks are within secondary, outside the west side of the Mill building.
- Slurry was overtopping the launder and was blown past the secondary.

Cause

- Currently the target solids concentration is 52% for the slurry leaving Leach Tank 1. That target is likely to change due to commissioning and refining the process. If the slurry leaving Leach Tank 1 is not at the target solids concentration, the slurry is to recirculate in Leach Tank 1.
- The slurry leaving Leach Tank 1 was measured at 20% solids, below the target solids concentration, and should have recirculated. The operator did not activate the recirculation system causing the launder between Leach Tank 1 and Leach Tank 2 to overflow.
- During the time of the spill, wind speeds were 32 km/hr sustained. The high wind speed pushed the slurry running out of the launder out past secondary containment. The slurry fell approximately 12 m and some fell outside of the secondary containment for the Leack Tanks because of the wind.

Clean Up and Recovery

- There was no impact to any water body.
- The majority of the slurry that spilled out of the launder was contained within the secondary containment, however due to the wind, 100 L was not contained.
- The slurry spilled outside the secondary containment was cleaned up and put back into the Mill process for disposal.

Preventative Measures

- Review procedure for the Leach Tank recirculation until the density is above 52% solids and make changes as appropriate.

Once you have had the opportunity to review this information please feel free to contact the undersigned or Darrell Martindale (at darrell.martindale@newgold.com or 807-707-3497) with any additional questions.

Respectfully submitted,

<Original signed by>

(on behalf of)

Robyn Gaebel
Environmental Specialist
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newgold™ Rainy River Project

September 19, 2017

Matt Hoffmeister
Senior Environmental Officer
Ministry of the Environment and Climate Change
808 Robertson St.
Kenora, ON P9N 1X9
Via email; Matt.Hoffmeister@ontario.ca

Dear Mr. Hoffmeister,

RE: Request for additional information regarding 5300 L Dyed Diesel Fuel Spill - SAC Reference #2425-AQRHFH

As per your request for additional information please find attached the following documents; photos of the incident (entitled Clean up, Post Clean up), and a letter stating the Richardson Landfill has the approval of the MOECC to receive contaminated soil (dated 2015-05-28).

To address your second question, Richardson Township's ECA number is A610704.

Once you have had the opportunity to review this information please feel free to contact the undersigned or Darrell Martindale (at darrell.martindale@newgold.com or 807-707-3497) with any additional questions you may have.

Regards,

<Original signed by>

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newgold™ Rainy River Project

September 6, 2017

Matt Hoffmeister
Senior Environmental Officer
Ministry of the Environment and Climate Change
808 Robertson St.
Kenora, ON P9N 1X9
Via email; Matt.Hoffmeister@ontario.ca

Dear Mr. Hoffmeister,

RE: 5300 L Dyed Diesel Fuel Spill - SAC Reference #2425-AQRHFH

Further to the notification to the Spills Action Centre (SAC) Reference #2425-AQRHFH regarding a spill of dyed diesel fuel on August 31th 2017, the following report is submitted to the Ministry of Environment and Climate Change (MOECC).

Discovery

- During routine removal of basil till material an 830E Komatsu Heavy Haul truck (unit number 212) was pulling away from a PC5500 Komatsu Shovel (unit number 601) and the box of the haul truck made contact with the fuel tank of the shovel.
- The operator of the haul truck noticed the leak on the shovel, froze the scene and reported it to the Mine Shift Supervisor who then took steps to secure the scene and stop the spread of fuel.

Cause

- While being loaded the haul truck was parked on a slight slope towards the shovel on slick material.
- When the haul truck pulled away from the shovel it slipped and the box of the haul truck made contact with the fuel tank of the shovel puncturing the fuel tank, which was ¾ full at the time.

Clean Up and Recovery

- There was no impact to any water body.
- 5300 liters of dyed diesel was spilled.
- Due to the height of the impact and size of the hole the leak could not be stopped at the source, instead a berm was built to contain the fuel on the ground and stop the spread.
- A vehicle known as a DSV (Drill Service Vehicle) was able to suck up most of the fuel that was contained behind the berm, the remainder was either bailed up by hand using pails, or absorbed with spill pads.
- Approximately 110 m^3 of contaminated soil was removed from the open pit in roll off bins and picked up by Green For Life for disposal.

- Green For Life determined that the Richardson Township Landfill was the most appropriate location to handle this volume of contaminated material. The Richardson Township Landfill is a certified receiver of contaminated soil as per the Certificate of Approval.
- The New Gold Rainy River Project Spill Procedure continued to be followed for the disposal of the spill pads, and liquid waste fuel; which was placed in appropriate containers and stored at the truck shop on the plant site for pick up by Green For Life at a later date.

Preventative Measures

- The Canadian Model for work place incidents was followed and both operators were taken for drug and alcohol testing in relation to this incident. The operators were found fit for duty.
- Discuss with all crews about the importance of keeping shovel loading area clean and of calling for a cleanup when necessary.
- Spot haul trucks in a safe location when spotting them into the loading area and ensure haul truck operators are able to pull straight out of the loading area at a smooth consistent speed.
- Allocate a dozer to each shovel to ensure shovel pit floors and loading areas are kept in good condition.

Once you have had the opportunity to review this information please feel free to contact the undersigned or Darrell Martindale (at darrell.martindale@newgold.com or 807-707-3497) with any additional questions you may have.

Regards,

<Original signed by>

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newgold™ Rainy River Project

October 4th, 2017

Matt Hoffmeister
Senior Environmental Officer
Ministry of the Environment and Climate Change
808 Robertson St.
Kenora, ON P9N 1X9
Via email; Matt.Hoffmeister@ontario.ca

Dear Mr. Hoffmeister,

RE: 2m^3 Cyanide Destruction Tailings Slurry Spill - SAC Reference #6281-ARNKQ7

Further to the notification to the Spills Action Centre (SAC) Reference #6281-ARNKQ7 regarding a spill of cyanide destruction tailings slurry on September 27th 2017, the following report is submitted to the Ministry of Environment and Climate Change (MOECC).

Discovery

- During routine maintenance on the tailings slurry sampler on the second floor of the Mill, operators disconnected a hose and tailings slurry flowed out of the hose.
- The majority of the tailings slurry spilled out of the hose was contained in the Mill however some of the tailings slurry flowed to the ground floor of the Mill and out of the north outside door 3 (3N).

Cause

- Currently the Mill is being commissioned, and is in the commissioning phase. During the commissioning phase, process upsets occur regularly because the processes and procedures are being fine-tuned and refined.
- While during commissioning and normal operations, capacity to contain spills exists within the Mill, a process upset had already flooded the internal capacity.
- When the operators disconnected the hose from the sampler tailings slurry spilled out of the hose and instead of being contained in the Mill, flowed onto the ground outside of door 3N.

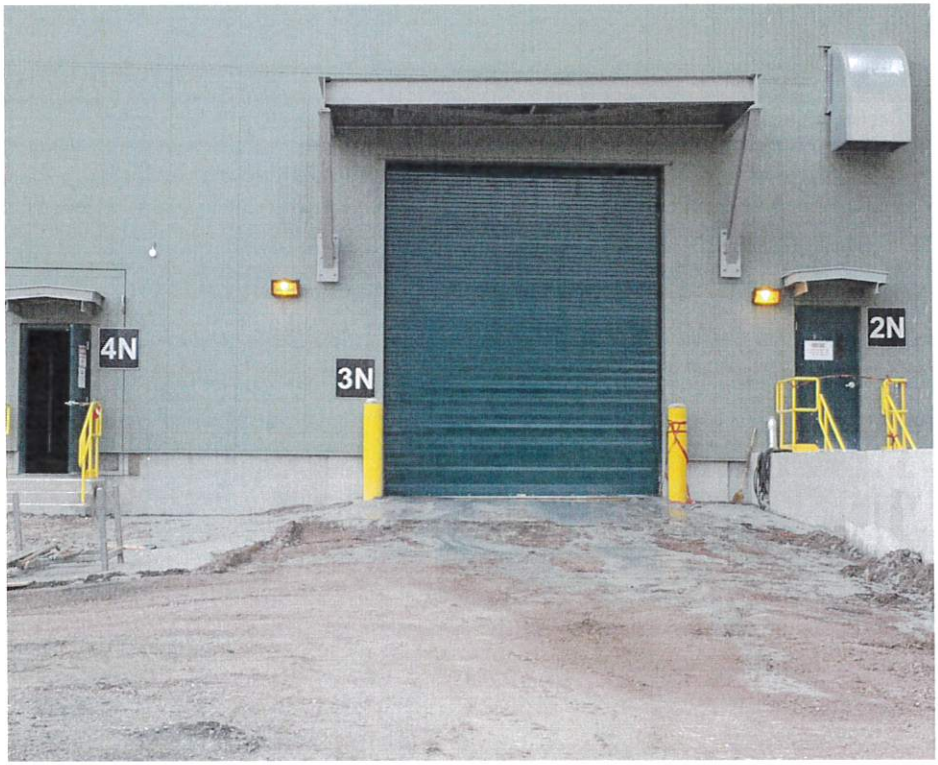

Figure 1: Door 3N Exterior Mill Spill

Clean Up and Recovery

- There was no impact to any water body.
- The majority of the cyanide destruction tailings slurry spilled out of the process was contained within the Mill however 2m^3 of cyanide destruction tailings slurry was spilled to the exterior of the Mill.
- The 3N door was closed to stop the spill out of the Mill and a berm was constructed to stop flow further from the door.
- The exterior spilled material was dug up and put back into the Mill process for disposal. The interior spilled material will be pumped and put back into the Mill process for disposal.

Preventative Measures

- Discuss with all crews about the importance of housekeeping (ensuring the Mill sumps are empty) and keeping containment capacity available for maintenance operations.
- Review maintenance procedure for the tailings slurry sampler and make changes as appropriate.
- Floor drainage is being reviewed and redesigned to ensure proper drainage to sumps.

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Once you have had the opportunity to review this information please feel free to contact the undersigned or Darrell Martindale (at darrell.martindale@newgold.com or 807-707-3497) with any additional questions you may have.

Regards,
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October 4th, 2017

Matt Hoffmeister
Senior Environmental Officer
Ministry of the Environment and Climate Change
808 Robertson St.
Kenora, ON P9N 1X9
Via email; Matt.Hoffmeister@ontario.ca

Dear Mr. Hoffmeister,

RE: Process Water 2.85m^3 Spill - SAC Reference #6621-ARSKJ5

Further to the notification to the Spills Action Centre (SAC) Reference #6621-ARSKJ5 regarding a spill of Mill Process Water on October 3rd 2017, the following report is submitted to the Ministry of Environment and Climate Change (MOECC).

Discovery

- As part of the regular commissioning phase, the Mill process was shut down.
- During the Mill shut down, an operator did not stop the flow from one of the water sources, resulting in a flow of water into an interior Mill sump.
- Due to a process upset previously, the interior sump already contained some process water. With the additional volume the interior sump overflowed.
- Process water filled the interior Mill capacity and overflowed outside the Mill building.

Cause

- Currently the Mill is being commissioned, and is in the commissioning phase. During the commissioning phase, process upsets occur regularly because the processes and procedures are being fine-tuned and refined.
- While during commissioning and normal operations, capacity to contain spills exists within the Mill, a process upset had already flooded the internal capacity.
- When the operator did not stop the flow, process water flowed onto the ground outside of door 17W of the Mill.

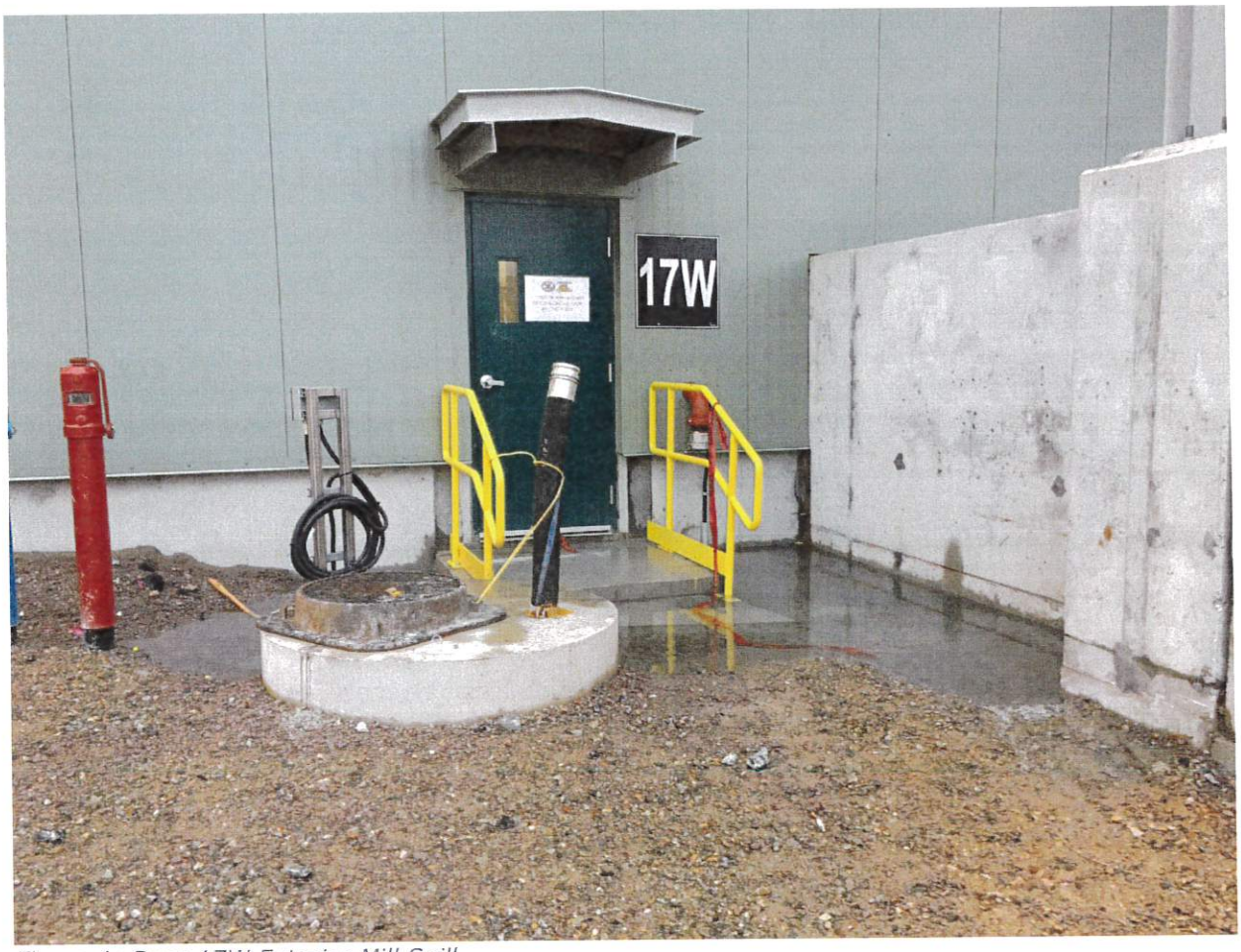

Figure 1: Door 17W Exterior Mill Spill

Clean Up and Recovery

- There was no impact to any water body.
- The majority of the process water spilled out of the process was contained within the Mill however 2.85 m^3 of process water was spilled to the exterior of the Mill.
- The exterior spilled material, as well as the interior spilled material, will be pumped and put back into the Mill process for disposal.

Preventative Measures

- Discuss with all crews about the importance of housekeeping (ensuring the Mill sumps are empty) and keeping containment capacity available for maintenance operations.
- Review procedure for the addition of water to the process and make changes as appropriate.
- Floor drainage is being reviewed and redesigned to ensure proper drainage to sumps.

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Once you have had the opportunity to review this information please feel free to contact the undersigned or Darrell Martindale (at darrell.martindale@newgold.com or 807-707-3497) with any additional questions you may have.

Regards,
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November 14th, 2017

Matt Hoffmeister
Senior Environment Officer, Kenora Area
Ministry of the Environment and Climate Change
808 Robertson Street
Kenora, ON P9N 1X9
Via email; Matt.Hoffmeister@ontario.ca

Dear Mr. Hoffmeister,

RE: High Calcium Quicklime Spill 5 Kg – SAC Reference #2864-ASXVP9

Further to the notification to the Spills Action Centre (SAC) Reference #2864-ASXVP9 regarding a spill of High Calcium Quicklime Spill on November 9th, 2017, the following report is submitted to the Ministry of the Environment and Climate Change (MOECC).

Discovery

- As part of the regular operation of the Mill, High Calcium Quicklime is pumped via tanker truck into the Lime Silo.
- The pipe used to fill the Lime Silo was found to have a hole in it.
- High Calcium Quicklime was falling from a height of 20m unto snow directly beside the Lime Silo.

Cause

- Regular wear and tear from loading the Lime Silo caused a hole to erode in the loading pipe.

Clean Up and Recovery

- There was no impact to any water body.
- High Calcium Quicklime in these conditions is a non-migrating material.
- Snow containing the High Calcium Quicklime was placed inside the mill and hosed into the process, this was completed November 10th, 2017 at 10 am.

Preventative Measures

- A temporary patch has been placed on the existing pipe and a new pipe is on order.
- Spill trays are now in use during the Lime Silo loading procedure.
- The specifications of the Lime Silo loading pipe will be reviewed to ensure a proper grade material is being used.

Once you have had the opportunity to review this information please feel free to contact the undersigned or Darrell Martindale (at darrell.martindale@newgold.com or 807-707-3497) with any additional questions.

Regards,

<Original signed by>

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newgold™ Rainy River Project

November 28, 2017

Matt Hoffmeister
Senior Environment Officer, Kenora Area
Ministry of the Environment and Climate Change
808 Robertson Street
Kenora, ON P9N 1X9
Via email; Matt.Hoffmeister@ontario.ca

Dear Mr. Hoffmeister,

RE: 500L Process Water Spill – SAC Reference #4758-ATDNL7

Further to the notification to the Spills Action Centre (SAC) Reference #4758-ATDNL7 regarding a spill of process Water on November 23rd, 2017, the following report is submitted to the Ministry of the Environment and Climate Change (MOECC).

Discovery

- As part of the regular operation of the Mill, process water can be used to clean up spills and rinse equipment within the Mill.
- The Refinery within the Mill was found to be flooded with process water and this water escaped containment outside door 25W.
- This spill was thought to be related to the earlier incident that night of spilled mill process slurry (see SAC reference # 1244-ATDJZ8), but upon further investigation this was not found to be the case.

Cause

- A ball valve was left partially open on a process water rinse hose in the refinery.
- The process water reported to a sump on the Refinery floor, however the sump pump did not turn on, as the sump pump had been operated in manual.
- Process water continued to flood the floor of the Refinery until the water escaped door 25W.

Clean Up and Recovery

- There was no impact to any water body.
- The Process Water only migrated 15 meters outside the 25W door. The volume was estimated by visual estimate, noting the surface area impacted and that the water pooled in a small depression within the secure Refinery yard.
- Snow, ice and gravel containing the mill process slurry was collected and returned to the process, this was completed by November 23th, 2017 at 530 pm.

Preventative Measures

- Under normal operations, solution spills within the Refinery are designed to be addressed by the Refinery area sump pump.
- Operations within this area require a dry floor.
- An instruction has been made to ensure that refinery personnel are to return this sump pump to automatic mode if used in manual.
- A sign will be placed at the manual control switch to this effect.

Once you have had the opportunity to review this information please feel free to contact the undersigned or Darrell Martindale (at darrell.martindale@newgold.com or 807-707-3497) with any additional questions.

Regards,
<Original signed by>

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newgold™ Rainy River Project

November 28, 2017

Matt Hoffmeister
Senior Environment Officer, Kenora Area
Ministry of the Environment and Climate Change
808 Robertson Street
Kenora, ON P9N 1X9
Via email; Matt.Hoffmeister@ontario.ca

Dear Mr. Hoffmeister,

RE: 3000L Mill Process Slurry Spill – SAC Reference #1244-ATDJZ8

Further to the notification to the Spills Action Centre (SAC) Reference #1244-ATDJZ8 regarding a spill of mill process slurry on November 23rd, 2017, the following report is submitted to the Ministry of the Environment and Climate Change (MOECC).

Discovery

- As part of the regular operation of the Mill, mill process slurry is pumped in and out of various tanks and between different unit operations within the Mill.
- This slurry was found to have escaped the 9E door of the Mill.
- Containment piping to direct slurry from the carbon safety screen within the Mill to existing sumps is still under construction.

Cause

- A high travel alarm activated on the carbon safety screen, causing it to shut down.
- Bypass is effected by a valve that takes approximately 12 minutes to shut resulting in spillage from the screen to an elevated platform under the screen and then into an access corridor outside of the main containment bund.
- Due to the volume of material spilled, 3000L of mill process slurry escaped door 9E.

Clean Up and Recovery

- There was no impact to any water body.
- The mill process slurry did not make it as far as the ditching that surrounds the Mill area, which would have directed it to the containment ponds (North/South Pond).
- Snow, ice and gravel containing the mill process slurry was collected and returned to the process, this was completed by November 23th, 2017 at 530 pm.

Preventative Measures

- The maintenance team is examining means to bypass the carbon safety screen faster.
- Construction on the piping to direct slurry from the carbon safety screen platform to the main mill containment will continue with an anticipated completion date of December 4th.
- A temporary sump has been cut into the area impacted by the spill.
- A civil engineer has been retained to examine construction of permanent sumps within the area of the spill, and exterior door 9E with anticipated completion by December 15th.
- In the interim mill operations personnel will monitor the area for spills regularly.
- During construction a temporary berm will be placed using earthen materials on either side of door 9E.

Once you have had the opportunity to review this information please feel free to contact the undersigned or Darrell Martindale (at darrell.martindale@newgold.com or 807-707-3497) with any additional questions.

Regards,

<Original signed by>

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newgold™ Rainy River Project

November 28, 2017

Matt Hoffmeister
Senior Environment Officer, Kenora Area
Ministry of the Environment and Climate Change
808 Robertson Street
Kenora, ON P9N 1X9
Via email; Matt.Hoffmeister@ontario.ca

Dear Mr. Hoffmeister,

RE: 300L Process Water Spill – SAC Reference #6828-ATEL7A

Further to the notification to the Spills Action Centre (SAC) Reference #6828-ATEL7A regarding a spill of process water on November 24rd, 2017, the following report is submitted to the Ministry of the Environment and Climate Change (MOECC).

Discovery

- As part of the regular operation of the Mill, process water can be used to clean up spills and rinse floors and equipment within the Mill.
- While using process water to clean the area around the carbon safety screen that caused mill process slurry spill as outlined by SAC reference #1244-ATDJZ8, process water was found to have escaped door 9E.
- Berms had been created on either side of door 9E and were thought to be sufficient to contain further slurry spills. When it was observed the berms were not sufficient to hold process water, the work was stopped.

Cause

- Temporary berms installed to protect door 9E as an interim solution for containment, were unable to contain process wash water being used to effect slurry spill clean up

Clean Up and Recovery

- There was no impact to any water body.
- The process water migrated about 3 meters outside the 9E door resulting in 100-300L exiting the Mill.
- This spill was caught quickly by the operators and work ceased.
- Snow, ice and gravel containing the process water was placed inside the mill and returned into the process, this was completed November 24th, 2017 at 830 am.

Preventative Measures

- A civil engineer has been retained to examine construction of permanent sumps within the area of the spill, and exterior door 9E with anticipated completion by December 15th.
- In the interim mill operations personnel will monitor the area for spills regularly.

Once you have had the opportunity to review this information please feel free to contact the undersigned or Darrell Martindale (at darrell.martindale@newgold.com or 807-707-3497) with any additional questions.

Regards,

<Original signed by>

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CEAA; compliance.conformite@ceaa-acee.gc.ca
Dan McDonnell, EC; dan.mcdonell@canada.ca

newgold™ Rainy River Project

November 28, 2017

Matt Hoffmeister
Senior Environment Officer, Kenora Area
Ministry of the Environment and Climate Change
808 Roberston Street
Kenora, ON P9N 1X9
Via email; Matt.Hoffmeister@ontario.ca

Dear Mr. Hoffmeister,

RE: 100-150L Waste Oil Spill – SAC Reference #2863-ATFPZE

Further to the notification to the Spills Action Centre (SAC) Reference #2863-ATFPZE regarding a spill of waste oil on November 25th, 2017, the following report is submitted to the Ministry of the Environment and Climate Change (MOECC).

Discovery

- Contractors from Sigfusson Northern made the decision to relocate a waste oil bin within a laydown area.
- While attempting to load the bin onto a trailer the bin fell on its side.
- The contents of this bin were an unknown volume of used oil filters and waste oil.
- As part of regular incident reporting Sigfusson Northern supervisors contacted New Gold.
- Upon inspection New Gold Environment staff estimated the initial size of the hydrocarbon spill to be between 100-150L.

Cause

- Improper equipment selected to move bin
- A front-end loader with forks that were too large for the gap under the bin was used.
- The loader was unable to slide the forks out from under the bin, then operator attempted to tilt the forks and slide the bin off onto the trailer, this caused the bin to topple over.

Clean Up and Recovery

- There was no impact to any water body or land other than the gravel of the laydown yard.
- Spill pads and boom socks were utilized to soak up the spill.
- Approximately 10 m^3 of hydrocarbon contaminated gravel was scraped up and placed in contaminated soil bins, the bins have been removed from site and transported by certified contractor to their facility in Thunder Bay.
- Clean up was completed at 1630 on November 25th 2017.
- After reviewing the amount of materials removed during the clean-up, the waste oil spill volume was re-estimated to be between 50-75L.

Preventative Measures

- Sigfusson Northern will update their procedure for handling of hazardous waste and submit to New Gold for review

Once you have had the opportunity to review this information please feel free to contact the undersigned or Darrell Martindale (at darrell.martindale@newgold.com or 807-707-3497) with any additional questions.

Regards,

<Original signed by>

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cc: Adam Scheepers, EC; adam.scheeper@canada.ca
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Dan McDonnell, EC; dan.mcdonell@canada.ca

newgold™ Rainy River Project

January 3, 2018

Matt Hoffmeister
Senior Environmental Officer
Ministry of the Environment and Climate Change
808 Robertson St.
Kenora ON P9N 1X9
Via email; matt.hoffmeister@ontario.ca

Dear Mr. Hoffmeister,

RE: SAC REF # 3480-AUGQUK PROCESS PLANT SLURRY SPILL

In accordance with ECA 5178-9TUPD9, notification was made to the Spills Action Centre (SAC Ref. # 3480-AUGQUK) regarding a spill of tailings slurry on December 24th, 2017. The following modified report is being submitted to the Ministry of Environment and Climate Change (MOECC) as per condition 11(4) of ECA 5178-9TUPD9 and replaces previous version dated December 29, 2017.

Discovery

- During night shift of December 24th, a small quantity (>20 L) of tailings solution flowed outside mill door 8E and onto ice in front of the adjacent mill overhead door 9E.

Cause

- The carbon safety screen underpan, located within the mill gold recovery building, plugged.
- Subsequently the carbon safety screen was bypassed to mitigate the volume of tailings slurry which overflowed the pan and immediate containment, which includes a new diversion pipe to a sump.
- Tailings slurry that was not intercepted, flowed into the mobile equipment access corridor and solution decanted from the solids and flowed towards the 9E overhead mill door.

Clean Up and Recovery

- A Bobcat Skidsteer was brought in to direct the slurry away from the door and pumping initiated. A volume of solution that contacted the door was wicked outside and froze.
- The ice imprint was immediately scraped up and returned to the gold recovery process.

- Clean up of spillage on the plant floor was completed during the shift to prevent further travel.
- The berm located in front of the overhead door was re-established.
- There was no environmental harm recorded due to the small volume.

Preventative measures and schedule of implementation

- Installation of concrete speed bumps in front of the overhead doors - January 2018;
- Evaluation of engineering controls such as bypass valve replacement (greater speed) and area monitoring cameras is being evaluated – January 2018.

Should you have any questions after reviewing this letter, please contact the undersigned at (807) 708-2407.

Regards,

<Original signed by>

Twila Griffith
Sr. Environmental Specialist
twila.griffith@newgold.com

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Rainy River Mine
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Ontario, Canada, P0W 1E0
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cc: Adam Scheepers (Environment Canada)
Andrea Doherty (Department of Fisheries and Oceans)
Karli Allen (Ministry of Natural Resources and Forestry)
Canadian Environmental Assessment Agency (CEAA)

newgold™ Rainy River Project

December 22, 2017

Matt Hoffmeister
Senior Environmental Officer
Ministry of the Environment and Climate Change
808 Robertson St.
Kenora ON P9N 1X9
Via email; matt.hoffmeister@ontario.ca

Dear Mr. Hoffmeister,

RE: SAC REF. 0241-AU6T3F POTENTIALLY HYDROCARBON CONTAMINATED TRUCK WASH BAY WASTE WATER SPILL

In accordance with ECA 5178-9TUPD9, notification was made to the Spills Action Centre (SAC Ref. # 0241-AU6T3F) regarding a 22,710 L spill of potentially hydrocarbon contaminated truck wash bay waste water on December 14th, 2017. The following report is being submitted to the Ministry of Environment and Climate Change (MOECC) as per condition 11(4) of ECA 5178-9TUPD9.

Discovery

- During the afternoon on December 14th, a vacuum truck was contracted to collect and dispose of potentially hydrocarbon contaminated waste water from the truck wash bay sump.
- Waste water was disposed on the plant site in a shallow rock and gravel lined trench between Haul Road 1 and the South Pond.
- On December 15th, the volume of waste water disposed of was confirmed to be approximately 22, 710 L (6000 Gallons).
- The Spills Action Centre was notified at 15:25 hours and an investigation initiated.

Cause

- The correct procedure was not followed for the disposal of potentially hydrocarbon-contaminated wastewater generated at the truck wash i.e., discharge to the plant site pond following the removal of potential hydrocarbons per *Management of Water of Water Used For Dust Suppression and Other Industrial Uses V2 Sept 2015* (permit to take water conditions 4.1.5/6). Disposal actions were based on the observed absence of hydrocarbons i.e., no sheen.

Clean Up and Recovery

- A small quantity of the truck wash water froze onto gravel and rock in shallow ditch area. Majority migrated under the snow pack into the plant site south pond. No material was recovered however, this storm water pond provides water for processing plant operations and is therefore contained.

Preventative measures and schedule of implementation

- Follow up with MOECC for the approval of the truck wash oil/water separator, submitted March 17, 2017; January 2018
- Request approval from MOECC for the disposal of truck wash liquids and solids into the TMA; January 2018
- Review, update and communicate the standard operating procedure (SOP) for managing wastes from the truck wash in the interim prior to approvals from MOECC; January 2018; and
- Include analytical testing in the truck wash SOP to determine the absence or presence of hydrocarbons to inform the handling and disposal of truck wash wastes; January 2018.

Should you have any questions after reviewing this letter, please contact the undersigned at (807) 708-2407.

Regards,

<Original signed by>

Twila Griffith
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twila.griffith@newgold.com

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newgold™ Rainy River Project

December 29, 2017

Matt Hoffmeister
Senior Environmental Officer
Ministry of the Environment and Climate Change
808 Robertson St.
Kenora ON P9N 1X9
Via email; matt.hoffmeister@ontario.ca

Dear Mr. Hoffmeister,

RE: SAC REF # 3480-AUGQUK PROCESS PLANT SLURRY SPILL

In accordance with ECA 5178-9TUPD9, notification was made to the Spills Action Centre (SAC Ref. # 3480-AUGQUK) regarding a spill of tailings slurry on December 24th, 2017. The following report is being submitted to the Ministry of Environment and Climate Change (MOECC) as per condition 11(4) of ECA 5178-9TUPD9.

Discovery

- During night shift of December 24th, a small quantity (<20 L) of tailings slurry flowed outside mill door 8E and onto ice in front of the adjacent mill overhead door 9E.

Cause

- The carbon safety screen underpan, located within the mill gold recovery building, plugged.
- Subsequently the carbon safety screen was bypassed to mitigate the volume of tailings slurry.
- Tailings slurry decanted and overflowed into the mobile maintenance corridor and flowed towards the 9E overhead mill door.

Clean Up and Recovery

- A Bobcat Skidsteer was brought in to direct the slurry away from the door and pumping initiated. The slurry that escaped outside froze and was immediately scraped up along with ice and returned to the gold recovery process.
- The area was over excavated to recover the slurry and clean up was completed during the shift.

- The berm located in front of the overhead door was re-established.
- There was no environmental harm recorded due to the minor nature and proximity of the event.

Preventative measures and schedule of implementation

- Review spill reporting procedure with crews - January 2108; and
- Construct secondary containment in front of each mill overhead door to capture and minimize extent of external spills - January 2018.

Should you have any questions after reviewing this letter, please contact the undersigned at (807) 708-2407.

Regards,

<Original signed by>

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cc: Adam Scheepers (Environment Canada)
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