



CMD 26-H105.1A

Date: 2026-10-15

Supplementary Information

Renseignements supplémentaires

Response from Orano Canada Inc. to Commission Request for Information

Réponse d'Orano Canada Inc. à une demande d'information de la Commission

In the matter of

À l'égard d'

Orano Canada Inc.

Orano Canada Inc.

Application to renew the McClean Lake
Operating Licence for 2-year term

Demande pour le renouvellement du
permis d'exploitation de McClean Lake
pour une période de deux ans

**Hearing in writing based on written
submissions**

**Audience par écrit fondée sur des
mémoires**

September 2026

Septembre 2026



October 15, 2026

Ms. Candace Salmon
Commission Registrar
Canadian Nuclear Safety Commission
P.O. Box 1046
280 Slater Street
Ottawa, ON K1P 5S9

Dear Ms. Salmon,

Orano Canada Inc.

100-833 45th Street West
Saskatoon SK S7L 5X2
Tel.: +1 (306) 343-4500

Re: Orano Canada Inc. – CMD 26-H105-Q – Orano’s Response to Questions from Commission Panel Members

The following response is submitted regarding questions raised by the Commission Panel Members relating to the renewal of the McClean Lake Operating Licence for a 2-year term. The questions are noted below in bold followed by Orano’s response.

1. Impacts of climate change may affect a multitude of conditions (e.g., stability of tailings impoundments, wildfire, changes in precipitation, etc.) at the McClean Lake Operation. What steps is Orano taking to consider and prepare for these impacts?

In 2026, Orano engaged with a Climate Risk and Resilience Consultant to review existing operations and planned changes to the McClean Lake Operation. From this review, Orano has identified priority climate risks and adaptation measures to support the long-term resilience of the McClean Lake Operation. Furthermore, the adaptation measures identified will be prioritized through Orano’s existing capital planning and operational, maintenance, and risk management processes to determine implementation requirements, costs, timelines, and expected risk reduction benefits. Adaptation actions will be assigned and integrated into applicable work plans, with climate risks and adaptation priorities periodically reassessed as site conditions, operations, and climate information evolve over time.



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2. On page 74 of 210 of CMD 26-H105, Orano had committed to implementing REGDOC-2.9.2: Environmental Protection: Controlling Releases to the Environment by Q3 2026. What is the status of Orano's implementation of REGDOC-2.9.2?

Orano has implemented the requirements of REGDOC-2.9.2, except for the licensed release limits. On September 29, 2026, Orano submitted the proposed release limits (PRLs) for the McClean Lake Operation for review to CNSC staff. Therefore, it may be concluded that once CNSC accepts the PRLs, and Orano's associated documentation and work processes are adjusted (incorporating accepted limits) Orano will be compliant with REGDOC-2.9.2.

3. In CMD 26-H105.5, pages 10-11 of 11, Métis Nation - Saskatchewan (MN-S) expresses the view that the proposed 2-year licence renewal would effectively cap consultation efforts by Orano. What are Orano's views on this supposition?

Orano is committed to maintaining open, transparent, and meaningful dialogue with communities and stakeholders. As part of this commitment, Orano's engagement team will continue meeting with community members, as well as Regional and Provincial representatives, to listen, share information, and ensure that diverse perspectives are meaningfully considered in current and future project planning and decision-making.

Orano does not view this two-year renewal as capping consultation and engagement efforts by Orano in any manner. Orano views consultation and engagement as an ongoing commitment and will continue to engage with MN-S and other Indigenous groups as part of this Licence Renewal and future McClean Lake Operation applications.

These discussions will also provide opportunities to highlight employment, training, and business opportunities associated with the project. Orano values its relationship with the MN-S and is committed to working together to ensure Métis perspectives and priorities help inform the path forward. Through ongoing engagement, Orano aims to build trust, strengthen relationships, and support shared success with respect to this Licence Renewal and future McClean Lake Operation applications.



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4. What efforts are being undertaken to engage with MN-S? How has Orano handled the concerns that have been raised?

Over the years, Orano has actively worked to establish ongoing dialogue with the MN-S, ensuring that community concerns are addressed along the way. Through ongoing communication with key figures like President Glen McCallum and Brent Larocque, Director of Environment, Orano has provided updates to keep MN-S informed about significant mining projects and regulatory processes, such as the Midwest project and the McClean Lake Operation Licence Renewal (see Attachment 1). For instance, on April 4, 2025, Orano provided details about the Licence Renewal via email and followed up on August 14, 2025, with further information about the two-year renewal request. Beyond emails, Orano has also organized and participated in virtual and in-person meetings to discuss projects and address concerns from MN-S representatives, demonstrating our commitment to continuous, responsive, and varied engagement.

To further strengthen this relationship, Orano has facilitated key discussions. Following a meeting on May 8, 2024, Orano provided an email sharing notes and key points on MN-S concerns. On May 6, 2025, both parties met to discuss the latest updates on the McClean Lake Operation. As the projects have progressed, Orano has intensified collaborative efforts with a hybrid meeting on April 16, 2026, bringing together MN-S community, regional, and provincial representatives to discuss the McClean Lake Operation Licence Renewal and the introduction of the future Midwest project in Île-à-la-Crosse, Saskatchewan.

Orano has specifically addressed the concerns of the MN-S through targeted actions and engagement. In response to employment challenges highlighted after Cluff Lake's closure, Orano has committed to involving MN-S community members directly in consultations and projects, with plans for future meetings focused on employment opportunities and business partnerships that integrate the MN-S into Orano's initiatives. Recognizing MN-S's call for meaningful inclusion and the broader context of Métis land claims, Orano has offered to facilitate dedicated discussions to understand the community's unique challenges, proposing follow-up meetings to gather perspectives from NR2, NR1, and NR3 representatives. To respect the dynamic relationship among regions, Orano has adjusted the engagement methods by meeting separately to ensure all voices are heard and plan to continue these balanced discussions.

In supporting economic development, Orano continues to connect with the Provincial office to identify best practices for sharing opportunities to further



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engage MN-S regions, emphasizing future engagement meetings to align these opportunities with MN-S expectations and to explore next steps that enhance local growth.

Specifically for the Licence Renewal, Orano has engaged with the MN-S and other Métis groups as set out in the Orano CMD 26-H105.1 (p.93, 98, and 100). Additionally, northern Métis locals and settlements are included in the Public Information Program and are engaged with under that program.

Regarding specific project-related inquiries, Orano has provided detailed information on the Surface Access Borehole Resource Extraction (SABRE) process, including material handling, drill rig movements, and water treatment methodologies. In responding to operational questions, Orano has clarified Orano's distinct mining methods compared to other mining approaches, emphasizing the absence of chemical use, which has helped alleviate some community concerns. For Orano's future licence renewal and mining projects, Orano has explained that the licence duration aligns with the project's expected lifespan. Orano looks forward to involving regional directors in future meetings to ensure comprehensive engagement and education, for the future McClean Lake Operation Licence Renewal.

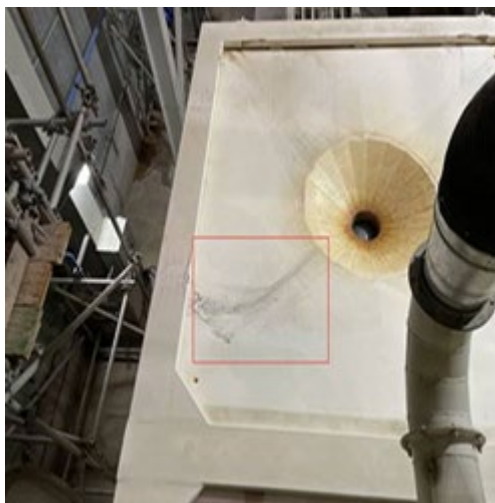
5. In CMD 26-H105.5, page 8 of 11, MN-S expresses concerns about transportation incidents, including those that involve slurry totes. Provide Orano's perspective on the transportation incidents and whether they have resulted in an impact on the environment, especially concerning sensitive ecosystems and associated biota, and people.

The transportation incidents involving slurry totes were all related to surface contamination on empty slurry totes returning to the Cigar Lake Operation (Figure 1), these incidents are rare and are typically the result of small droplets of diluted slurry on the top of the tote. It should be noted that the average rate of failure is 0.015% taking into consideration the number of trucks returning to the Cigar Lake Operation each day (18 trucks/day, 2 totes per truck). Each of the incidents were detected by Cigar Lake Operation personnel upon inspection of the empty totes once they are received. None of the incidents that have occurred resulted in exposure to the sensitive ecosystems and associated biota, and people.



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Figure 1: Example of surface contamination from November 9, 2022



As indicated, these are low risk and low frequency incidents, however each incident is preventable. Orano has an ongoing commitment to continual improvement and strives for zero incidents.

In addition to the slurry tote incidents, there were two incidents during this licensing period that included the transport of uranium concentrate; both incidents were the result of tractor/trailer units leaving the road. In both instances, no product left the trailer and there was no impact to the environment or exposure to the public.

- 6. In CMD 26-H105.5, page 9 of 11, MN-S requested information about spills at the McClean Lake Operation that were discussed in previous Regulatory Oversight Reports (RORs). For the record, provide information on each spill, preferably in a table, including the date, location, volume, substance released and environmental impact.**

See Attachment 2.

- 7. Provide Orano's response to the study presented in CMD 26-H105.4 from Ya'thi Néné Lands and Resources Office (YNLR), which draws on multiple data sets. The response must include environmental monitoring and impact assessment, as well as Indigenous engagement perspectives. Provide Orano's views on YNLR's 8 recommendations, as they relate to this application.**



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Orano acknowledges and appreciates the insights recently provided by YNLR in August 24, 2026 regarding the LiDAR-derived information concerning linear disturbance and cumulative environmental effects. It is Orano's understanding the project will be completed in late 2026. However, we are currently in the process of reviewing the preliminary data to better understand the recommendations and outcomes.

The presentation highlighted that the YNLR data offers a breadth of detail and the potential for landscape-level baselines. This information must be carefully reviewed to determine how it informs Orano's activities and future projects.

Orano actively collaborates with YNLR to gain a comprehensive understanding of land use, wildlife monitoring, and community concerns. Recent and ongoing activities include participation of YNLR Community Land Technicians in some monitoring activities, the completion of a 2025 desktop study to review and identify culturally sensitive sites, as well as ongoing discussions to ensure community involvement in wildlife monitoring and aquatic mitigation activities. This partnership strengthens our ability to conduct thorough assessments and implement actions that are aligned with local priorities and environmental stewardship.

Orano looks forward to continuing its strong relationship and information-sharing with YNLR and staff from the CNSC. Our goal is to effectively understand the described LiDAR analysis, Indigenous Knowledge, Land Use, and Occupation (IKLUO) information, as well as insights derived from the Etthén Néné Stewardship Areas initiative. Orano aims to evaluate how these recommendations may inform future projects and activities once the final report is provided in late 2026.

8. On page 6 of CMD 26-H105.2 by English River First Nation, it is stated that:

"ERFN has expressed concerns regarding selenium concentrations in sediment, benthic invertebrates and fish tissue and the potential for the established aqueous environmental protection guidelines to not be as protective of the broader aquatic community as assumed. This concern is supported by Western Science, for example, selenium speciation can occur resulting in organic selenium species (e.g., selenomethionine [SeMet], methylseleninic acid [MSA] and dimethylselenoxide [DMSeO]) that are more prone to bioaccumulation than inorganic species (e.g., selenite [Se(IV)], selenate [Se(VI)])"



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Comment on the statement concerning speciation of selenium, especially organo-selenium, and its greater potential/propensity to bioaccumulate. Is there evidence from McClean Lake Operation's monitoring that these species are present? Explain how such speciation might affect sensitive ecosystems and human health.

Orano acknowledges ERFN's concern regarding selenium speciation and the potential for enhanced bioaccumulation of organic selenium species. Routine environmental monitoring at the McClean Lake Operation includes analysis of total selenium concentrations in surface water, sediment, and fish tissue. Selenium speciation is not currently conducted as part of the monitoring program. While selenium speciation data are not available, analysis of selenium in fish tissue inherently reflects selenium that has been taken up and accumulated through aquatic food webs, including any organic selenium species that may have formed in the environment. As a result, fish tissue concentrations provide a direct measure of bioaccumulation regardless of the specific selenium species present in the aquatic environment.

The environmental risk assessment (ERA) completed by Orano in 2025 (the 2025 ERA; see CMD 26-H105.1-REF3) specifically considered selenium bioaccumulation within the exposed ecosystems. The assessment evaluated selenium exposure and uptake through aquatic and terrestrial food webs using bioaccumulation modelling approaches and incorporated environmental data collected through the McClean Lake Operation environmental monitoring program. Therefore, the potential for selenium transformation, trophic transfer, and accumulation in aquatic organisms was explicitly considered in the assessment of ecological and human health risks. The 2025 ERA indicated that the potential selenium-related effects are limited to the Sink Vulture Treated Effluent Management System (S/V TEMS) and a few terrestrial species at McClean Lake east basin, and no downstream impacts are anticipated. In 2019-2023, Orano collaborated with the University of Saskatchewan to evaluate selenium accumulation through aquatic food webs in the aquatic ecosystems exposed to the treated effluent release from the McClean Lake Operation. The research results provided site-specific information on selenium trophic transfer and supported the validity of the environmental modelling used to assess selenium concentrations in fish as part of the ERAs performed by Orano.

Together, the monitoring data and ERA modelling results provide confidence that selenium bioaccumulation has been appropriately characterized and assessed. Based on the available information, there is no evidence that selenium speciation is resulting in unrecognized risks to aquatic ecosystems or



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human health at the McClean Lake Operation. Thus, while the relative proportions of inorganic and organic selenium species are not known, the overall potential for selenium bioaccumulation and associated ecological effects has been evaluated through tissue monitoring, food-web studies, and bioaccumulation modelling.

Orano actively manages selenium risks through the Selenium Adaptive Management Plan, which provides a framework for ongoing monitoring, evaluation of selenium trends in environmental media and biota, and implementation of management actions where warranted. This adaptive management approach ensures that new monitoring information, including information related to selenium bioaccumulation, is incorporated into risk management and decision-making processes on an ongoing basis. It should be noted that selenium concentrations estimated during the 2025 ERA were significantly lower than those predicted in the 2016 ERA, reflecting the effectiveness of adaptive management measures undertaken by Orano. Orano will continue to monitor selenium concentrations in environmental media and biota as part of its environmental monitoring and risk assessment programs and will evaluate the need for additional investigations should future monitoring results indicate increasing selenium exposure or bioaccumulation.

We are available to provide further information, or to respond to any additional questions, at your request. Do not hesitate to contact me at (306) 343-4058.

Sincerely,

DocuSigned by:
Colin Braithwaite
3DBD7634925740F...

Colin Braithwaite

Vice President, Safety, Health, Environment and Regulatory

cc: Orano Distribution
Salman Akhter, Senior Project Officer, CNSC



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Attachment 1



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Engagement Activities with Métis Nation – Saskatchewan

Project Information and Regulatory Process Sharing:

- April 4, 2025: Letter (via Email notification) President McCallum and Brent Larocque Regarding Orano Canada's McClean Lake Operation Licence Renewal and project information sheets
- August 8, 2025: Letter (via Email notification) President McCallum and Brent Larocque Regarding McClean Lake Operation – CNSC Licence Renewal Request for 2-Year Term
- November 12, 2025: Letter (via Email notification) President McCallum and Brent Larocque Regarding Orano Canada Midwest Mining Project
- November 21, 2025: Letter (via Email notification) to President McCallum and Brent Larocque Regarding McClean Lake Operation Licence Renewal Notice of Hearing in Writing
- June 4, 2026: Letter (via Email Notification) to President McCallum and Brent Larocque Regarding Orano Canada Updates on Midwest Mining Project

Meetings and Requests for Information:

- May 8, 2024: Meeting with a representative from the MN-S Environment Office to discuss Orano Canada's McClean Lake Operation, Regulatory Updates, MN-S priorities, and upcoming focuses. An email followed to share notes and outcomes.
- May 6, 2025: In-person Meeting with MN-S representatives (Brent Larocque and David Devos)- McClean Lake Operations and regulatory update

Meeting scheduled following the April 4, 2025 letter regarding the McClean Lake Operation Licence Renewal, Orano arranged a meeting with MN-S representatives to discuss the project and regulatory updates.

- Following Orano's November 12, 2025 letter until March 4, 2026, several emails were exchanged to arrange a meeting about the Midwest Mining Project and other Regulatory updates. MN-S confirmed their interest but requested to delay the meeting until April-May 2026 due to an election in Region 2. March 4, 2026: Received Email request from Lands and



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Environment Office, MN-S Provincial Office, to participate in a consultation meeting in Île-à-la-Crosse.

- From March 4 to April 16, 2026, several emails were exchanged with MN-S Provincial contacts to arrange a meeting in Île-à-la-Crosse.
- April 16, 2026: Hybrid Meeting with MN-S (Community, Regional Representatives, and Provincial Representatives) Regarding the McClean Lake Operation Licence Renewal and Midwest Introduction (Île-à-la-Crosse)
 - Following the April 16 meeting, emails were exchanged from April 16 to April 30 with the MN-S Provincial Representative to share meeting notes and provide information on environmental monitoring programs, regulatory document locations, and resources about Orano Canada Inc.
- Between April 17, 2026, and June 18, 2026, numerous emails were exchanged with MN-S Provincial contacts to organize two virtual meetings on June 18: one with NR1 and NR3, and another with NR2.
 - June 18, 2026: MN-S (NR1 and NR3 Representatives) Meeting (Virtual) to provide participants from the region and Provincial representatives with an overview of Orano's operations, Information about the Midwest project, information about the SABRE mining method and regulatory updates.
 - June 18, 2026: MN-S (NR2 Representatives) Meeting (Virtual) to provide participants from the region and Provincial representatives with an overview of Orano's operations, Information about the Midwest project, information about the SABRE mining method and regulatory updates.



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Interests and Concerns Raised during Engagement Activities (presented by theme):

Past Employment Challenges and Involvement:

Community Concern: Highlighted past employment challenges post-Cluff Lake's closure and underscored the need for involving northerners and service partners in Orano's projects.

Orano's Response: Committed to consultations and emphasizing the involvement of northerners. Future meetings will focus on employment, business opportunities, and engagement needs.

MN-S Involvement:

Community Concern: Emphasized the MN-S's desire for meaningful, holistic inclusion and addressing broader Métis land claims.

Orano's Response: Offered to facilitate a dedicated exploration discussion and stressed the importance of understanding the Métis community's challenges. Proposed a follow-up meeting to gather perspectives, particularly from NR2, NR1 & NR3.

Differential Relationship Approaches:

Community Concern: Noted different relationship dynamics with NR1 and NR3 compared to NR2.

Orano's Response: Committed to arranging further talks with NR1 and NR3 and suggested a future meeting for NR2 to share their insights on Orano's activities.

Support for Orano and Economic Opportunities:

Community Interest: Expressed a desire to support Orano and expand local economies, suggesting drafting an agreement for review.

Orano's Response: Highlighted collaboration with the Provincial office to communicate economic opportunities and emphasized future engagement meetings to align expectations.



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Specific Project and Process Inquiries (SABRE):

Community Concern: Queries about SABRE's materials handling, drill rig movements, remediation, waste rock management, water balance, and treatment processes.

Orano's Response: Provided detailed information on the SABRE process, including the handling of slurry, timing of drill rig movements, and the remediation plan. Explained that waste rock is sent to the current waste rock pit and described water treatment and process methodologies.

In-Situ Recovery Mining Method:

Community Concern: Learned about Denison's safety features leading to community inquiries about Orano's processes.

Orano's Response: Clarified that Orano's method does not involve introducing chemicals, unlike Denison's.

Licence Renewal and Mining Methods:

Community Concern: Questioned the rationale for Orano's 15-year licence term for a new mining method.

Orano's Response: Justified the licence term as consistent with the planned lifespan of the mining projects.

Project Timelines and Stakeholder Engagement:

Community Concern: Inquired about the timing of Midwest and Sue F projects and the participation of new Northern Region 3 Directors.

Orano's Response: Confirmed the projects as consecutive and expressed willingness to include Regional Directors in future workshops for comprehensive stakeholder education.

Environmental Monitoring:

Community Concern: Inquiries about the industry activity impacting wildlife and traditional land use such as hunting.

Orano's Response: Confirmed that Orano has a robust monitoring program and shared information on regional monitoring program and report locations.



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Attachment 2

Reportable Environmental Discharges and Radiological Releases for the period of January 2016 to September 2025

Type	Date	Location	Volume	Substance Released	Environmental Impact ¹	Note
Reportable Environmental Discharges						
Reportable Environmental Discharge	February 16, 2016	McClellan Lake Mill	24 L	Anhydrous Ammonia	Negligible	N/A
Reportable Environmental Discharge	April 22, 2016	McClellan Lake Mill	200 kg	Molten Sulphur	Negligible	N/A
Reportable Environmental Discharge	July 17, 2016	McClellan Lake Mill	15 L	Anhydrous Ammonia	Negligible	N/A
Reportable Environmental Discharge	July 29, 2016	McClellan Lake Mill	4 m ³	Water/Magnetite Mixture	Negligible	N/A
Reportable Environmental Discharge	September 29, 2016	McClellan Lake Mill	20 L	Sulphuric Acid	Negligible	N/A
Reportable Environmental Discharge	October 10, 2016	McClellan Lake Mill	1 L	Anhydrous Ammonia	Negligible	N/A
Reportable Environmental Discharge	December 20, 2016	McClellan Lake Mill	1 L	Anhydrous Ammonia	Negligible	N/A
Reportable Environmental Discharge	January 12, 2017	McClellan Lake Mill	2 L	Anhydrous Ammonia	Negligible	N/A
Reportable Environmental Discharge	June 26, 2017	McClellan Mine	1 m ³	SABRE Pond Sludge	Negligible	N/A
Reportable Environmental Discharge	August 29, 2017	McClellan Lake Mill	50 kg	Sulphuric Acid	Negligible	N/A

Type	Date	Location	Volume	Substance Released	Environmental Impact ¹	Note
Reportable Environmental Discharge	June 23, 2018	McClellan Lake Mill	150 kg	Molten Sulphur	Negligible	N/A
Reportable Environmental Discharge	July 19, 2018	McClellan Lake Mill	0.655 m ³	Acidic Water	Negligible	N/A
Reportable Environmental Discharge	July 26, 2018	McClellan Mine	2 m ³	Mine Water	Negligible	N/A
Reportable Environmental Discharge	December 22, 2018	McClellan Lake Mill	60 L	Anhydrous Ammonia	Negligible	N/A
Reportable Environmental Discharge	January 31, 2019	McClellan Lake Mill	Unknown	Ambient Sulphur Dioxide	Negligible	During the start-up of the Sulphuric Acid Plant on January 31, 2019 the ambient concentration of Sulphur Dioxide (SO ₂) exceeded the 1-hour authorized concentration for 4 consecutive hourly readings. The maximum 24-hour authorized average was 0.092ppm on Feb 1 which exceeded the 24-hour average action level of 0.060ppm.
Reportable Environmental Discharge	February 18, 2020	McClellan Lake Mill	360 kg	Molten Sulphur	Negligible	N/A
Reportable Environmental Discharge	February 21, 2020	McClellan Lake Mill	0.3 m ³	Ethylene Glycol	Negligible	N/A
Reportable Environmental Discharge	June 11, 2020	McClellan Lake Mill	34.4 m ³	Anhydrous Ammonia	Negligible	N/A
Reportable Environmental Discharge	July 11, 2020	McClellan Lake Mill	3 m ³	Sulphuric Acid	Negligible	N/A

Type	Date	Location	Volume	Substance Released	Environmental Impact ¹	Note
Reportable Environmental Discharge	January 29, 2021	McClellan Lake Mill	1000 L	T-Amine 950	None	N/A
Reportable Environmental Discharge	June 9, 2021	Sue Site	150 m ³	Untreated Sue C Pit Water	Negligible	N/A
Reportable Environmental Discharge	November 23, 2021	TMF Containment Area, Mill Terrace	10 m ³	TMF Reclaim Water	Negligible	N/A
Reportable Environmental Discharge	February 10, 2022	McClellan Lake Mill	5 m ³	Tailings	Negligible	N/A
Reportable Environmental Discharge	May 27, 2022	Sue Site	120 m ³	Water and Solids from Sedimentation Pond	Negligible	N/A
Reportable Environmental Discharge	April 23, 2023	Mill Terrace	126 m ³	Treated Effluent	Negligible	N/A
Reportable Environmental Discharge	September 19, 2023	Mill Terrace	40 L	Sulphuric Acid	None	N/A
Reportable Environmental Discharge	February 13, 2024	McClellan Lake Mill	3 m ³	Yellowcake Thickener Solution	Minor and Localized	Concrete floor in the area was open due to the temporary excavation, exposing the ground. Approximately 3 m ³ of the solution filled the excavation site.
Reportable Environmental Discharge	March 21, 2025	McClellan Lake Mill	360 kg	Molten Sulphur	Negligible	N/A
Reportable Environmental Discharge	June 22, 2025	McClellan Mine	0.5 m ³	Mine Water	Negligible	N/A

Type	Date	Location	Volume	Substance Released	Environmental Impact ¹	Note
Recordable Radiological Releases						
Recordable Radiological Release	December 25, 2016	McClellan Lake Mill	20 L	Precipitated Yellowcake Solution	Negligible	N/A
Recordable Radiological Release	July 14, 2018	Mill Terrace	200 m ³	Runoff Pond Water	Negligible	N/A
Recordable Radiological Release	August 25, 2018	Sue Site	25 m ³	Sue Site Runoff Water	Negligible	N/A
Recordable Radiological Release	September 29, 2018	Mill Terrace	50 g	Calcined Yellowcake	Negligible	N/A
Recordable Radiological Release	October 9, 2021	Mill Terrace	0.8 m ³	Tailings Slurry	Negligible	Approximately 232 kg of tailings solids.
Recordable Radiological Release	December 1, 2021	Mill Terrace	0.7 m ³	Solids From Calciner Stack	Negligible	Equivalent of 16.5 kg of uranium released.
Recordable Radiological Release	March 6, 2025	Mill Terrace	162 L	Calcined Yellowcake and Water Solution	Negligible	N/A
Recordable Radiological Release	September 7, 2025	McClellan Mine Site, Sue Site	1.4 kg	Uranium Ore	Negligible	The spill volume was estimated as 1.4 kg based on ore grade and activity.

Type	Date	Location	Volume	Substance Released	Environmental Impact ¹	Note
Other Events						
Breach of Secondary Containment	March 23, 2019	Mill Terrace	Unknown	Uranium, Ammonia	Negligible	Uranium and Ammonia in soil due to the deterioration of the concrete floor slab in the Yellowcake Precipitation. Soils under the precipitation circuit will be assessed for remediation during final site decommissioning

Note:

Environmental Impact ¹ – “negligible” is an impact that is short-term and localized in a small area, constrained within the boundaries of the pre-existing anthropogenic disturbance, such as milling or mining infrastructure within the licensee’s lease, posing no public safety risk and not resulting in long-term deterioration in air, water or land quality.