

From: [Caroline.Walmsley](#)
To: [Meg McCluskie](#)
Cc: [Clint Ambrose](#); [Wendy Bidwell](#); [Bruno Croft](#); [Loren Hudson](#); [Devon.Stephenson](#); [Emily Finstad](#); [Dave.Green1](#); [Laura.Vanderweyen](#)
Subject: RE: TASR Approved Water Withdrawal Sources - Intent to Withdrawal
Date: May 30, 2022 5:34:09 AM
Attachments: [image003.png](#)
[image001.png](#)
[Real-Time Hydrometric Data Graph for LA MARTRE RIVER BELOW OUTLET OF LAC LA MARTRE \(07TA001\) \[INT\] - Water Level and Flow - Environment Canada.pdf](#)

Hello Meg,

Thank you for your email.

Please know Dave Green is currently on vacation so I am reaching out to provide you with the information attached information. Previously NSI has provided the historic data from the online Hydrometric Database. From this data, we run a series of calculations using the derived minimum, mean and maximum flows (m^3/s) to see how much water might be available for use under the currently permitted limit of $299m^3/day$ allowable under our water license (W2020L8-0001). Looking at this year period (shown on the attached LaMartre Historic Flows Long Data set.PDF) and focused on the current flows derived in May 2022 I ran the following calculations which account for Part C, Condition 4 “the licensee shall not withdraw greater than 10% of instantaneous flow”:

Minimum derived flow **$22m^3/s$** = 1,900,800 m^3/day

10% of 1,900,800 m^3/day **$190,080m^3/day$**

Mean derived flow **$45m^3/s$** = 3,888,000 m^3/day

10% of 3,888,000 m^3/day = **$388,800m^3/day$**

Maximum derived flow **$79m^3/s$** = 6,825,600 m^3/day

10% of 6,825,600 m^3/day = **$682,560m^3/day$**

Please let us know whether you find this acceptable or if you have any other questions or require additional details.

Kind regards,

Caroline



CAROLINE WALMSLEY – R.B. Tech

Sr. Environmental Manager

PETER KIEWIT SONS ULC.

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From: Meg McCluskie <Meg_McCluskie@gov.nt.ca>

Sent: Wednesday, May 25, 2022 12:48 PM

To: Dave.Green1 <Dave.Green1@kiewit.com>

Cc: Clint Ambrose <Clint_Ambrose@gov.nt.ca>; Wendy Bidwell <Wendy_Bidwell@gov.nt.ca>; Bruno Croft <Bruno_Croft@gov.nt.ca>; Loren Hudson <Loren_Hudson@gov.nt.ca>; Devon.Stephenson <Devon.Stephenson@kiewit.com>; Caroline.Walmsley <Caroline.Walmsley@kiewit.com>; efinstad@wlwb.ca

Subject: [EXTERNAL] RE: TASR Approved Water Withdrawal Sources - Intent to Withdrawal

Hi Dave,

Thanks for notification of your plan to withdraw water from La Martre River. I am the new Water Resource Officer for the North Slave Region. I look forward to working with you.

I have read through your water license and, as you noted in your email below, under the conditions of your Water License (W2020L8-0001), *Part C 1.b. up to 900 m³/day and Part C 4. Licensee will not withdraw greater than 10% of the available water volume of any water source*, I approve withdrawal of water from La Martre River. I see you have commented on there being ample available water in the river. Are you able to submit a hydraulic assessment as per condition: *Part C 8. Prior to the commencement of withdrawal from Water Source IDs 1-5, the Licensee shall submit hydraulic assessments to the Inspector, DFO, and the Board?* This condition should be met before you begin withdrawals. What have inspectors received from you in the past?

Please call me to discuss if you have any questions or concerns.

Thanks,

Meg

Mársı | Kinanāskomitin | Thank you | Merci | Hą́ı' | Quana | Qujannamiik | Quyanainni | Máhsı | Máhsı | Mahsi
Meg McCluskie

Pronouns: she/her/hers

Water Resource Officer

North Slave Region

Department of Environment and Natural Resources

Government of the Northwest Territories

3803 Bretzlaff Drive

PO Box 2668

Yellowknife, NT X1A 2P9

-Phone: 867-767-9238 ext.53244

-Fax: 867-873-6230

www.gov.nt.ca

From: Dave.Green1 [<mailto:Dave.Green1@kiewit.com>]
Sent: May 24, 2022 1:30 PM
To: Clint Ambrose; David-Scott McQuinn
Cc: Devon.Stephenson; Caroline.Walmsley; Beattie, Alasdair; Leclerc-Beaulieu, Tatiana; Karine Gignac; Loren Hudson; Meg McCluskie; Bruno Croft
Subject: RE: TASR Approved Water Withdrawal Sources - Intent to Withdrawal

Thanks for this Clint!

Have a great day

Dave

From: Clint Ambrose <Clint_Ambrose@gov.nt.ca>
Sent: Tuesday, May 24, 2022 3:28 PM
To: Dave.Green1 <Dave.Green1@kiewit.com>; David-Scott McQuinn <David-Scott_McQuinn@gov.nt.ca>
Cc: Devon.Stephenson <Devon.Stephenson@kiewit.com>; Caroline.Walmsley <Caroline.Walmsley@kiewit.com>; Beattie, Alasdair <Alasdair.Beattie@dfo-mpo.gc.ca>; Leclerc-Beaulieu, Tatiana <Tatiana.Leclerc-Beaulieu@dfo-mpo.gc.ca>; Karine Gignac <Karine_Gignac@gov.nt.ca>; Loren Hudson <Loren_Hudson@gov.nt.ca>; Meg McCluskie <Meg_McCluskie@gov.nt.ca>; Bruno Croft <Bruno_Croft@gov.nt.ca>
Subject: [EXTERNAL] RE: TASR Approved Water Withdrawal Sources - Intent to Withdrawal

Dave,

Thanks for copying me on the email and David-Scott McQuinn is currently on a transfer assignment and no longer employed as a Water Resource Officer for ENR.

I have copied Loren Hudson, Meg McCluskie and Bruno Croft on this email. One of these fine folks will be able to respond to your query.

Regards,

Clint

Clint Ambrose
Manager, Resource Management (Inspector)
North Slave Regional Office
Department of Lands

Government of Northwest Territories
140 Bristol Avenue, Yellowknife, NT X1A 3T2
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Email: clint_ambrose@gov.nt.ca
Web: www.lands.gov.nt.ca

From: Dave.Green1 [<mailto:Dave.Green1@kiewit.com>]
Sent: Tuesday, May 24, 2022 12:40 PM
To: David-Scott McQuinn
Cc: Devon.Stephenson; Caroline.Walmsley; Beattie, Alasdair; Leclerc-Beaulieu, Tatiana; Clint Ambrose; Karine Gignac
Subject: TASR Approved Water Withdrawal Sources - Intent to Withdrawal

EXTERNAL: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender's name and email address and know the content is safe.

Hi David

NSI would like to start withdrawing water from the LaMartre River in the coming week(s) for dust suppression on Highway 9 (TASR) so I wanted to get confirmation that the LaMartre River gauging station that has previously been consulted and which provided the basic flow volume estimates provided to your predecessor (Heather Beck – see attached email) are still valid in that we are still able to withdrawal no more than 900m³/day from the LaMartre under the Type A water license WL2020L8-0001. It is fully apparent that this withdrawal amount will still fall well below the “10% of the instantaneous flow (rivers)” available to as a condition of our permit (Part C, Condition 5). You will note I have also copied DFO as part of our operating conditions. Water withdrawal records will be maintained and reported as part of the WL Annual Reporting requirement to confirm compliance with the above noted conditions. The location of withdrawal is shown on the attached pdf and will be on the southeast side of the bridge.

Please let me know if you require any further information in order for us to proceed.

Myself, Caroline or Devon (cc'd) will let you know when we have commence withdrawal (pending your initial approval to this email).

Regards,

Dave



DAVE GREEN, R.T. Biol., R.B. Tech,
Sr. Environmental Manager, North Star Infrastructure
Cell (416)738-7869
Yellowknife Tłı̨chǫ Government Office
4308-50th Avenue, Yellowknife, NT X1A1B5



Government of Canada / Gouvernement du Canada

Real-Time Hydrometric Data Graph for LA MARTRE RIVER BELOW OUTLET OF LAC LA MARTRE (07TA001) [NT]

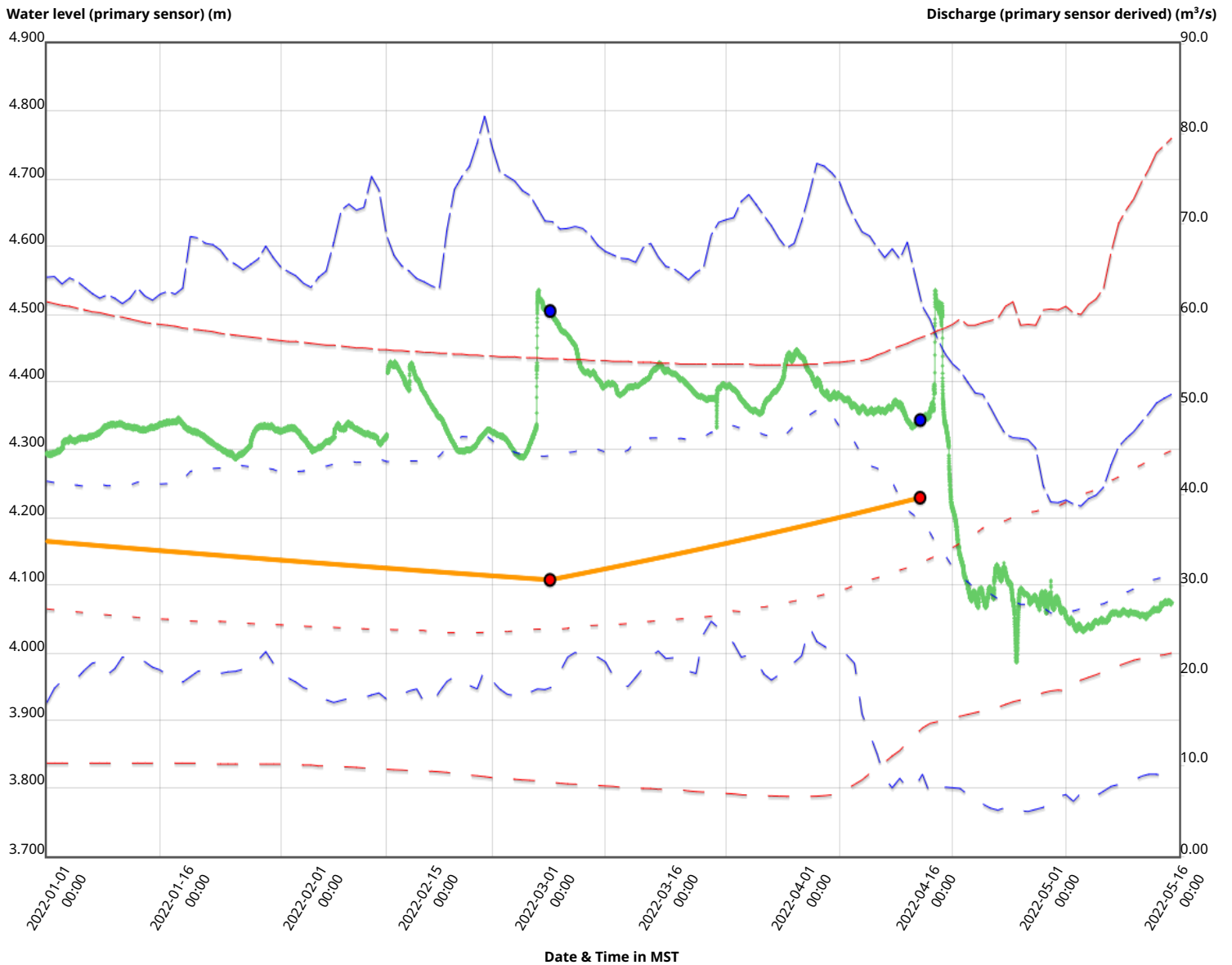
Station Notice

COVID-19: We continue to ensure the delivery of critical services. However, to limit the spread of the coronavirus, regular visits to this station have been reduced or are no longer being conducted. This may impact the quality of real-time data so please exercise caution. Any lasting impact will be clarified when data are quality controlled prior to final publication in the Historical Archive.

All times are specified in Local Standard Time (LST). Add 1 hour to adjust for Daylight Saving Time where and when it is observed.

Legend

Water level (primary sensor) - Provisional	○	Water level (primary sensor) - Measurements	—	Water level (primary sensor) - Maximum	—	Water level (primary sensor) - Minimum	—	Water level (primary sensor) - Mean
Discharge (primary sensor derived) - Provisional	○	Discharge (primary sensor derived) - Measurements	—	Discharge (primary sensor derived) - Maximum	—	Discharge (primary sensor derived) - Minimum	—	Discharge (primary sensor derived) - Mean



Station Information

Active or discontinued:	Active
Province / Territory:	Northwest Territories
Latitude:	63° 06' 27" N
Longitude:	116° 58' 28" W
Gross drainage area:	13,900 km²

Effective drainage area:	N/A
Record length:	48 Years
Period of record:	1975-2001; 2002-2022
Regulation type:	Natural
Regulation length:	N/A
Real-time data available:	Yes
Sediment data available:	No
Type of water body:	River
RHBN:	No
EC Regional Office:	YELLOWKNIFE
Current Operation Schedule:	Continuous
Data contributed by:	N/A
Operation Period:	More information
Vertical datum of published data:	ASSUMED DATUM
<u>For more information on datum conversion</u>	

Data Collection History

This table contains information pertaining to the historical changes of defined elements in the operation of a station.

	Type	Operation schedule	Gauge type
1975 - 2001	Flow	Continuous	Recorder
2002 - 2022	Flow & Level	Continuous	Recorder