

Permit Number

2018-3420

Water Appropriation Permit

Expiration Date: 11/12/2021

Pursuant to Minnesota Statutes, Chapter 103G, and on the basis of statements and information contained in the permit application, letters, maps, and plans submitted by the applicant and other supporting data, all of which are made part hereof by reference, **PERMISSION IS HEREBY GRANTED** to the applicant to perform actions as authorized below.

Project Name: L3R GW Segments and Pump Stations	County: Clearwater, Hubbard, Cass, Aitkin, Kittson, St. Louis, Marshall, Red Lake, Polk	Watershed: Clearwater River; Mississippi River - Headwaters; Crow Wing River; Pine River; Mississippi River - Grand Rapids; Red River of the North - Tamarac River; St. Louis River; Snake River	Resource: Groundwater
Purpose of Permit:		Authorized Action:	

Construction Dewatering

Withdrawal of up to 510.5 million gallons of water per year for construction dewatering.

Authorized actions at each construction dewatering spread are listed below.

All volume amounts and appropriation pumping rates must be followed.

- Installation #1: Pipeline trench from Minnesota/North Dakota border to Donaldson pump station, Kittson County (12.6 miles) – 1,843,296 gallons
- Installation #2: Donaldson pump station, Kittson County (0.10 miles) – 10,000,000 gallons
- Installation #3: Pipeline trench from Donaldson pump station to Viking pump station, Kittson & Marshall Counties (33.6 miles) – 6,098,000 gallons
- Installation #4: Viking pump station, Marshall County (0.10 miles) – 21,000,000 gallons
- Installation #5: Pipeline trench from Viking pump station to Plummer pump station, Marshall, Pennington & Red Lake Counties (28.8 miles) – 12,541,134 gallons
- Installation #6: Plummer pump station, Red Lake County (0.10 miles) – 10,000,000 gallons
- Installation #7: Pipeline trench from Plummer pump station to end of Construction Spread 1, Red Lake and Polk Counties, (19.1 miles) – 27,557,933 gallons
- Installation #8: Pipeline trench from end of Construction Spread 1 to Clearbrook Terminal, Polk & Clearwater Counties, (13.1 miles) – 5,733,794 gallons
- Installation #9: Clearbrook pump station, Clearwater County (0.10 miles) – 15,000,000 gallons
- Installation #10: Pipeline trench from Clearbrook pump station to Hubbard County line, Clearwater County (36.4 miles) – 22,876,623 gallons
- Installation #11: Pipeline trench from Hubbard County line to Two Inlets pump station, Hubbard County (13.3 miles) – 7,572,080 gallons
- Installation #12: Two Inlets pump station, Hubbard County (0.10 miles) – 10,000,000 gallons
- Installation #13: Pipeline trench from Two Inlets pump station to end of Construction Spread 2, Hubbard County (9.0 miles) – 8,974,616 gallons
- Installation #14: Pipeline trench from end of Construction Spread 2 to Backus pump station, Hubbard, Cass & Wadena

	<p>Counties (41.5 miles) – 23,921,037 gallons</p> <ul style="list-style-type: none"> • Installation #15: Backus pump station, Cass County (0.10 miles) – 45,000,000 gallons • Installation #16: Pipeline trench from Backus pump station to end of Construction Spread 3, Cass & Crow Wing Counties (31.3 miles) – 19,251,396 gallons • Installation #17: Pipeline trench from end of Construction Spread 3 to Sw atara pump station, Cass & Aitkin Counties (6.9 miles) – 11,475,494 gallons • Installation #18: Sw atara pump station, Aitkin County (0.10 miles) – 30,000,000 gallons • Installation #19: Pipeline trench from Sw atara pump station to end of Construction Spread 4, Aitkin & St. Louis Counties (37.5 miles) – 105,766,839 gallons • Installation #20: Pipeline trench from end of Construction Spread 4 to North Gow an pump station, St. Louis County (9.6 miles) – 38,895,327 gallons • Installation #21: North Gow an pump station, St. Louis County (0.10 miles) – 21,000,000 gallons • Installation #22: Pipeline trench from North Gow an pump station to Minnesota/Wisconsin border, St. Louis & Carlton Counties (34.1 miles) – 56,033,241 gallons <p>All appropriations from the above listed construction dewatering spreads will follow all relevant plans per the final Application dated November 8, 2020 and the November 2020 Environmental Protection Plan (EPP) received November 08, 2020.</p>
<p>Permittee:</p> <p>ENBRIDGE ENERGY, LIMITED PARTNERSHIP CONTACT: MOTIS, JULIANNE, (218) 522-4652 26 E SUPERIOR ST. SUITE 125 DULUTH, MN 55802 (218) 464-5621</p>	<p>Authorized Agent:</p> <p>MERJENT, INC. CONTACT: LENZ, KRISTIN, (763) 913-4740 1 MAIN STREET SE SUITE 300 MINNEAPOLIS, MN 55414 (612) 746-3660</p>
<p>To Appropriate From:</p>	

Sump : by means of a portable pump at a rate not to exceed 800 gpm
Point(s) of Taking
UTM zone 15N, 319032m east, 5284954m north
NESE of Section 29, T149N, R37W

Sump : by means of a portable pump at a rate not to exceed 800 gpm
Point(s) of Taking
UTM zone 15N, 335917m east, 5238205m north
SENE of Section 24, T144N, R36W

Sump : by means of a portable pump at a rate not to exceed 800 gpm
Point(s) of Taking
UTM zone 15N, 337053m east, 5217752m north
NWNW of Section 29, T142N, R35W

Sump : by means of a portable pump at a rate not to exceed 800 gpm
Point(s) of Taking
UTM zone 15N, 336583m east, 5203482m north
SESE of Section 6, T140N, R35W

Sump : by means of a portable pump at a rate not to exceed 800 gpm
Point(s) of Taking
UTM zone 15N, 382773m east, 5181950m north
NESE of Section 12, T138N, R31W

Sump : by means of a portable pump at a rate not to exceed 800 gpm
Point(s) of Taking
UTM zone 15N, 428061m east, 5189817m north
NWNW of Section 14, T139N, R26W

Sump : by means of a portable pump at a rate not to exceed 800 gpm
Point(s) of Taking
UTM zone 15N, 438108m east, 5192494m north
SWNW of Section 2, T139N, R25W

Sump : by means of a portable pump at a rate not to exceed 800 gpm
Point(s) of Taking
UTM zone 15N, 197299m east, 5402845m north
Section 4, T160N, R50E

Sump : by means of a portable pump at a rate not to exceed 800 gpm
Point(s) of Taking
UTM zone 15N, 497094m east, 5192819m north
NWSW of Section 20, T51N, R21W

Sump : by means of a portable pump at a rate not to exceed 800 gpm
Point(s) of Taking
UTM zone 15N, 511379m east, 5189971m north
SENE of Section 34, T51N, R20W

Sump : by means of a portable pump at a rate not to exceed 800 gpm
Point(s) of Taking
UTM zone 15N, 511384m east, 5189786m north
SENE of Section 34, T51N, R20W

Sump : by means of a portable pump at a rate not to exceed 800 gpm
Point(s) of Taking
UTM zone 15N, 210009m east, 5387076m north
NWNW of Section 25, T159N, R49W

Sump : by means of a portable pump at a rate not to exceed 800 gpm
Point(s) of Taking
UTM zone 15N, 244838m east, 5345488m north
SESE of Section 28, T155N, R45W

Sump : by means of a portable pump at a rate not to exceed 800 gpm
Point(s) of Taking
UTM zone 15N, 300417m east, 5294895m north
SWSW of Section 28, T150N, R39W

Groundwater : by means of a portable pump at a rate not to exceed 800 gpm
Point(s) of Taking
UTM zone 15N, 337143m east, 5217783m north
NENW of Section 29, T142N, R35W

Groundwater : by means of a portable pump at a rate not to exceed 800 gpm
Point(s) of Taking
UTM zone 15N, 382905m east, 5181869m north
SWSW of Section 7, T138N, R30W

Groundwater : by means of a portable pump at a rate not to exceed 800 gpm
Point(s) of Taking
UTM zone 15N, 447690m east, 5190730m north
NWNE of Section 31, T51N, R26W

Groundwater : by means of a portable pump at a rate not to exceed 800 gpm
Point(s) of Taking
UTM zone 15N, 210118m east, 5386991m north
NWNW of Section 25, T159N, R49W

Groundwater : by means of a portable pump at a rate not to exceed 800 gpm
Point(s) of Taking
UTM zone 15N, 244450m east, 5345588m north
SWSE of Section 28, T155N, R45W

Groundwater : by means of a portable pump at a rate not to exceed 800 gpm
Point(s) of Taking

UTM zone 15N, 274106m east, 5310131m north
NENW of Section 15, T151N, R42W

Groundwater : by means of a portable pump at a rate not to exceed 800 gpm
Point(s) of Taking
UTM zone 15N, 274133m east, 5310053m north
NENW of Section 15, T151N, R42W

Groundwater : by means of a portable pump at a rate not to exceed 800 gpm
Point(s) of Taking
UTM zone 15N, 319120m east, 5284952m north
NESE of Section 29, T149N, R37W

Issued Date: 11/09/2020	Effective Date: 11/12/2020	Expiration Date: 11/12/2021	
Authorized Issuer: Steve Colvin	Title: Division Director	Email Address: steve.colvin@state.mn.us	Phone Number: 651-259-5709

This permit is granted **subject to** the following **CONDITIONS**:

LIMITATIONS: (a) Any violation of the terms and provisions of this permit and any appropriation of the waters of the state in excess of that authorized hereon shall constitute a violation of Minnesota Statutes, Chapter 103G. (b) This permit shall not be construed as establishing any priority of appropriation of waters of the state. (c) This permit is permissive only. No liability shall be imposed upon or incurred by the State of Minnesota or any of its employees, on account of the granting hereof or on account of any damage to any person or property resulting from any act or omission of the Permittee relating to any matter hereunder. This permit shall not be construed as estopping or limiting any legal claims or right of action of any person other than the state against the Permittee, for any damage or injury resulting from any such act or omission, or as estopping or limiting any legal claim or right of action of the state against the Permittee, for violation of or failure to comply with the provisions of the permit or applicable provisions of law. (d) In all cases where the doing by the Permittee of anything authorized by this permit shall involve the taking, using, or damaging of any property, rights or interests of any other person or persons, or of any publicly owned lands or improvements thereon or interests therein, the Permittee, before proceeding therewith, shall obtain the written consent of all persons, agencies, or authorities concerned, and shall acquire all property, rights, and interests necessary therefore. (e) This permit shall not release the Permittee from any other permit requirements or liability or obligation imposed by Minnesota Statutes, Federal Law, or local ordinances relating thereto and shall remain in force subject to all conditions and limitations now or hereafter imposed by law. (f) Unless explicitly specified, this permit does not authorize any alterations of the beds or banks of any public (protected) waters or wetlands. A separate permit must be obtained from the Department of Natural Resources prior to any such alteration.

FLOW METER: The Permittee shall equip each installation for appropriating or using water with a flow meter, unless another method of measuring the quantity of water appropriated to within ten (10) percent of actual amount withdrawn is approved by the Department.

WATER USE REPORTING: Monthly records of the amount of water appropriated or used shall be recorded for each installation. Such readings and the total amount of water appropriated or used shall be reported annually to the Director of DNR Ecological and Water Resources, on or before February 15 of the following year, via the MNDNR Permitting and Reporting System (MPARS) at www.mndnr.gov/mpars/signin. Any processing fee required by law or rule shall be submitted with the records whether or not any water was appropriated during the year. Failure to report shall be sufficient cause for terminating the permit 30 days following written notice.

MODIFICATION: The Permittee must notify the Commissioner in writing of any proposed changes to the existing permit. This permit shall not be modified without first obtaining the written permission from the Commissioner.

TRANSFER OR ASSIGNMENT: Any transfer or assignment of rights, or sale of property involved hereunder shall be reported within 90 days thereafter to the Director of DNR Ecological and Water Resources. Such notice shall be made by the transferee (i.e., new owner) and shall state the intention to continue the appropriation as stated in the permit. This permit shall not be transferred or assigned except with the written consent of the Commissioner.

COMMISSIONER'S AUTHORITY: (a) The Commissioner may inspect any installation utilized for the appropriation or use

CONDITIONS (Continued from previous page)

of water. The Permittee shall grant access to the site at all reasonable times and shall supply such information concerning such installation as the Commissioner may require. (b) The Commissioner may, as he/she deems necessary, require the Permittee to install gages and/or observation wells to monitor the impact of the Permittee's appropriation on the water resource and require the Permittee to pay necessary costs of installation and maintenance. (c) The Commissioner may restrict, suspend, amend, or cancel this permit in accordance with applicable laws and rules for any cause for the protection of public interests, or for violation of the provisions of this permit.

PUBLIC RECORD: All data, facts, plans, maps, applications, annual water use reports, and any additional information submitted as part of this permit, and this permit itself are part of the public record and are available for public inspection at the offices of DNR Ecological and Water Resources. The information contained therein may be used by the Division as it deems necessary. The submission of false data, statements, reports, or any such additional information, at any time shall be deemed as just grounds for revocation of this permit.

MONITORING REQUIREMENTS: Minnesota Statutes 103G.282 authorizes the Department of Natural Resources to require permittees to install and maintain monitoring equipment to evaluate water resource impacts from permitted appropriations. You may be required to modify or install automated measuring devices and keep records for each installation. The frequency of measurements and other requirements will be based on quantity of water appropriated, source of water, potential connections to other water resources, nature of concern, and other relevant factors.

DROUGHT PLANNING: In accordance with M.S. 103G.293, all permits must be consistent with the drought response plan detailed in the Statewide Drought Plan at http://files.dnr.state.mn.us/natural_resources/climate/drought/drought_plan_matrix.pdf.

LAND NOT OWNED BY PERMITTEE : This permit authorizes appropriation of water from land that is not owned by the permittee. The volume authorized is valid only as long as an agreement is in effect for lands included under this permit that are not owned by the permittee.

WELL SEALING: The permittee shall notify the Minnesota Department of Health prior to sealing, removing, covering, plugging or filling the well(s) from which the authorized appropriation was made. The well(s) must be sealed by a licensed well driller and in accordance with the procedures required under Minnesota Statutes 103I and Minnesota Rules 4725 as administered by the Minnesota Department of Health.

WATER USE CONFLICT: If notified by the DNR that a water use conflict is suspected and probable from your appropriation, based on confirmation of a formal well interference complaint or a preliminary hydrologic assessment, all appropriation authorized by this permit must cease immediately until the interference is resolved. The permittee may be required to obtain additional data to support the technical analysis, such as domestic well information within a radius of one and one-half miles of the production well. The permittee and impacted party may engage in a negotiated settlement process and there may be modifications made to this permit in support of conflict resolution.

SUSPENSION: The Department may require the suspension of appropriation during periods of low water in order to maintain minimum water levels within the basin/watercourse/watershed.

CONTINGENCY: If directed by DNR Ecological and Water Resources to cease pumping, the permittee agrees to withstand the results of no appropriation as stated in the contingency statement submitted with the application.

INTAKE: All pump intakes must be screened to prevent fish from being drawn into the system.

INVASIVE SPECIES - EQUIPMENT DECONTAMINATION: All equipment intended for use at a project site must be free of prohibited invasive species and aquatic plants prior to being transported into or within the state and placed into state waters. All equipment used in designated infested waters, shall be inspected by the Permittee or their authorized agent and adequately decontaminated prior to being transported from the worksite. The DNR is available to train inspectors and/or assist in these inspections. For more information refer to the "Best Practices for Preventing the Spread of Aquatic Invasive Species" at http://files.dnr.state.mn.us/publications/ewr/invasives/ais/best_practices_for_prevention_ais.pdf. Contact your regional Invasive Species Specialist for assistance at www.mndnr.gov/invasives/contacts.html. A list of designated infested waters is available at www.mndnr.gov/invasives/ais/infested.html. A list of prohibited invasive species is available at www.mndnr.gov/invasives/laws.html#prohibited.

INFESTED WATERS - WATER TREATMENT REQUIREMENTS: Surface water appropriation from waters listed as containing invasive species (see <http://www.mndnr.gov/invasives/ais/infested.html>) are required to contact 651-259-5100 or 1-888-MINN-DNR to obtain information from the DNR Division of Ecological and Water Resources on specific invasive species water treatment requirements.

CONDITIONS (Continued from previous page)

WATER CONSERVATION: All practical and feasible water conservation methods and practices must be employed to promote sound water management and use the least amount of water necessary, such as reuse and recycling water, water-saving devices, and water storage.

DISCHARGE AUTHORIZATION: This permit is valid only in conjunction with all required discharge authorizations from local, state, or federal government units.

CONSTRUCTION DEWATERING DISCHARGES: No discharges are allowed at known state-listed threatened and endangered species location. All discharges should be completed per the specifics in the Environmental Protection Plan (EPP) dated November 2020, received on November 08, 2020 and as stipulated by a Minnesota Pollution Control Agency (MPCA) Construction Stormwater General Permit.

TIMING DEVICES AND FLOW METERS: All pumps in the construction trench must be instrumented with timing devices or flow meters. All pumps used at the pump station facilities and well point systems must be instrumented with flow meters. Timing devices are not allowed at the pump station facilities and well point systems as authorized under this permit.

APPROPRIATION AND DISCHARGE RATES: All appropriation and discharge pump rates in construction dewatering trenches and the pump station facilities must be between 400 gallons per minute (gpm) and 800 gpm. Pump rates must not exceed 800 gpm. Appropriation and discharge pump rates for the well point systems must be set to a maximum of 1,500 gpm.

cc: Jess Richards, EWR
Robert Guthrie, EWR
Corps of Engineers, Corps of Engineers, Polk
Corps of Engineers, Corps of Engineers, Red Lake
Corps of Engineers, Corps of Engineers, Marshall
Corps of Engineers, Corps of Engineers, St. Louis (South)
Corps of Engineers, Corps of Engineers, Kittson
Corps of Engineers, Corps of Engineers, Aitkin
Corps of Engineers, Corps of Engineers, Cass
Corps of Engineers, Corps of Engineers, Hubbard
Corps of Engineers, Corps of Engineers, Clearwater
Randall Doneen, EWR
Anna Hess, EWR
Tom Groshens, EWR
Thomas Hutchins, Conservation Officers, Crookston
Jeremy Woinarowicz, Conservation Officers, Thief River Falls #1
Jacob Willis, Conservation Officers, Brookston
Jeremy Woinarowicz, Conservation Officers, Karlstad
Tony Ellwell, Conservation Officers, Karlstad
Taylor Hochstein, Conservation Officers, Hill City
Calie Kunst, Conservation Officers, Remer
Eric Sullivan, Conservation Officers, Pequot Lakes
Jordan Anderson, Conservation Officers, Park Rapids
Brice Vollbrecht, Conservation Officers, Bemidji #2
Alan Peterson, Conservation Officers, Bemidji #2
Tim Gray, Conservation Officers, Bagley
Steve Hofstad, BWSR Wetland Specialists, Polk
Steve Hofstad, BWSR Wetland Specialists, Red Lake
Matt Johnson, BWSR Wetland Specialists, Marshall
Erin Loeffler, BWSR Wetland Specialists, St. Louis
David Demmer, BWSR Wetland Specialists, St. Louis
Matt Johnson, BWSR Wetland Specialists, Kittson
David Demmer, BWSR Wetland Specialists, Aitkin
Matt Johnson, BWSR Wetland Specialists, Cass
Matt Johnson, BWSR Wetland Specialists, Hubbard
Matt Johnson, BWSR Wetland Specialists, Clearwater
Andrew Herberg, DNR Regional Nongame Specialists, Region 2
Gaea Crozier, DNR Regional Nongame Specialists, Region 2
Amy Westmark, DNR Regional Nongame Specialists, Region 1
Margi Coyle, DNR Regional Environmental Assessment Ecologist, Region 2
Jaime Thibodeaux, DNR Regional Environmental Assessment Ecologist, Region 1
Emily Hutchins, DNR Wildlife, Crookston
Doug Franke, DNR Wildlife, Thief River Falls
Chris Balzer, DNR Wildlife, Cloquet
Jason Wollin, DNR Wildlife, Karlstad
Russ Reisz, DNR Wildlife, Aitkin
Christine Reisz, DNR Wildlife, Brainerd
Erik Thorson, DNR Wildlife, Park Rapids
Nathan Olson, DNR Fisheries, Detroit Lakes Area
Deserae Hendrickson, DNR Fisheries, Duluth Area
Phil Talmage, DNR Fisheries, Baudette Area
Rick Bruesewitz, DNR Fisheries, Aitkin Area
Marc Bacigalupi, DNR Fisheries, Brainerd Area
Calub Shavlik, DNR Fisheries, Park Rapids Area
Andy Thompson Barnard, DNR Fisheries, Bemidji Area
Jake Snyder, County, Polk
Kurt Casavan, County, Red Lake
Josh Johnston, County, Marshall

Mark Lindhorst, County, St. Louis
Barb O'Hara, County, Kittson
Becky Sovde, County, Aitkin
Terry Neff, County, Aitkin
Robert Wright, County, Cass
John Ringle, County, Cass
Scott Navratil, County, Cass
Eric Buitenwerf, County, Hubbard
Daniel Hecht, County, Clearwater
Kyle Schломann, Watershed District, Middle-Snake-Tamarac Rivers
Joel Praska, Watershed District, Middle-Snake-Tamarac Rivers
Danny Omdahl, Watershed District, Middle-Snake-Tamarac Rivers
Dan Money, Watershed District, Two Rivers
Myron Jesme, Watershed District, Red Lake
Rachel Klein, SWCD, East Polk SWCD
Tanya Hanson, SWCD, Red Lake SWCD
Danny Thorstad, SWCD, Marshall SWCD
R.C. Boheim, SWCD, St. Louis SWCD - South
Justin Muller, SWCD, Kittson SWCD
Steven Hughes, SWCD, Aitkin SWCD
Robert Wright, SWCD, Cass SWCD
John Ringle, SWCD, Cass SWCD
Kelly Condiff, SWCD, Cass SWCD
Crystal Mathisrud, SWCD, Hubbard SWCD
Chester Powell, SWCD, Clearwater SWCD
Lori Buell, SWCD, Clearwater SWCD