

<p>Permit Number 2018-3421</p>

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:	County:	Watershed:	Resource:
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L3R Dust Suppression	Marshall, Pennington, Red Lake, Polk, Clearwater, Kittson, Hubbard, Cass, Aitkin, Carlton	Snake River; Red Lake River; Clearwater River; Mississippi River - Headwaters; Red River of the North - Tamarac River; Crow Wing River; Pine River; Mississippi River - Grand Rapids; St. Louis River	Stream/River: Unnamed Creek (H-026-021-010); Stream/River: Red Lake River (H-026-030); Stream/River: Clearwater River (H-026-030-019); Stream/River: (MAJ-090214966); Stream/River: (MAJ-090216518); Stream/River: Lost River (H-026-030-019-007); Stream/River: Unnamed Creek (H-026-030-019-007-005); Stream/River: Walker Brook (H-026-030-019-029); Stream/River: Unnamed Stream (M-161-004-009); Stream/River: Unnamed Creek (H-026-011-001); Stream/River: Mississippi River ; Lake: Island (29025400); Stream/River: Unnamed Creek (M-096-035-002); Stream/River: Shell River (M-096-035); Stream/River: Unnamed Stream (M-096-035); Ditch; Stream/River: (MAJ-070121121_A); Stream/River: Pine River (M-106); Lake: Louise (11015600); Stream/River: Unnamed Stream (M-106-004-003-001); Stream/River: Unnamed Stream (M-117-012); Ditch: Willow River (M-117); Ditch: Unnamed Creek (H-026-011); Stream/River: Unnamed Stream (M-120-005-001-005); Stream/River: West Savanna River (M-120-005-001); Ditch: Stoney Brook (S-002-017); Lake: Big (09003200); Stream/River: Tamarac River (H-026-019); Stream/River: (MAJ-090218249); Stream/River: Middle River
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			(H-026-021-004); Stream/River: Snake River (H-026-021)
Purpose of Permit:		Authorized Action:	

Dust Control

Withdrawal of up to 13.8 million gallons of water per year for dust control.

Authorized actions at each dust suppression installation are listed below.

All authorized volume amounts, pumping rates and approved contingency sources must be followed.

- Installation #1: Unnamed Stream (T160N/R50W/S23), Kittson County (alternate: none) – 80,000 gallons
- Installation #2: County Ditch 7 (T159N/R49W/S22), Kittson County (alternate: installation #3) – 80,000 gallons
- Installation #3: Judicial Ditch 10 (T159N/R49W/S25), Kittson County (alternate: none) – 80,000 gallons
- Installation #4: Judicial Ditch 3 (T158N/R48W/S6), Marshall County (alternate: installation #3) – 80,000 gallons
- Installation #6: Tamarac River Site #1 (T157N/R47W/S20), Marshall County (alternate: Tamarac River #2 at milepost 829.3) – 320,000 gallons
- Installation #7: Unnamed Stream (T157N/R47W/S26), Marshall County (alternate: installation #6) – 80,000 gallons
- Installation #8: Middle River (T156N/R46W/S7), Marshall County (alternate: none) – 200,000 gallons
- Installation #9: Snake River (T155N/R46W/S12), Marshall County (alternate: none) – 200,000 gallons
- Installation #10: South Branch Snake River (T155/R45W/S29), Marshall County (alternate: installation #9) – 200,000 gallons
- Installation #11: Red Lake River (T153N/R43W/S29), Pennington County (alternate: none) – 320,000 gallons
- Installation #12: Clearwater River at Plummer (T151N/R42W/S4), Red Lake County (alternate: none) – 400,000 gallons
- Installation #13: State Ditch 61 (T150N/R40W/S16), Polk County (alternate: Lost River #1 at milepost 885.8) – 80,000 gallons
- Installation #14: Unnamed Ditch (T150N/R40W/S14), Polk County (alternate: Lost River #1 at milepost 885.8) – 80,000 gallons
- Installation #15: Lost River Site #2, (T149N/R38W/S15), Clearwater County (alternate: Pine Lake at milepost 904.7) – 400,000 gallons
- Installation #16: Silver Creek, (T149N/R38W/S25),

Clearwater County (alternate: Pine Lake at milepost 904.7) – 200,000 gallons

- Installation #17: Clearwater River (T147N/R37W/S29), Clearwater County (alternate: none) – 400,000 gallons
- Installation #18: Walker Brook (T147N/R37W/S35), Clearwater County (alternate: installation #17) – 200,000 gallons
- Installation #19: Unnamed Stream (T146N/R36W/S14), Clearwater County (alternate: installation #21) – 200,000 gallons
- Installation #21: Mississippi River (T146N/R36W/S35), Clearwater County (alternate: none) – 400,000 gallons
- Installation #22: Island Lake (T141N/R35W/S5), Hubbard County (alternate: none) – 2,000,000 gallons
- Installation #24: Hay Creek (T141N/R35W/S18), Hubbard County (alternate: installation #22) – 400,000 gallons
- Installation #26: Shell River (T139N/R35W/S17), Hubbard County (alternate: installation #22) – 600,000 gallons
- Installation #28: Shell River (T139N/R34W/S30), Hubbard County (alternate: none) – 400,000 gallons
- Installation #31: Big Swamp Creek (T138N/R32W/S8), Cass County (alternate: none) – 200,000 gallons
- Installation #33: Pine River (T138N/R29W/S18), Cass County (alternate: none) – 400,000 gallons
- Installation #34: Louise Lake (Blind Lake Creek) (T139N/R28W/S29), Cass County (alternate: none) – 200,000 gallons
- Installation #35: Unnamed Stream (T139N/R27W/S22), Cass County (alternate: none) – 200,000 gallons
- Installation #37: Moose River (T139N/R25W/S2), Cass County (alternate: installation #38) – 400,000 gallons
- Installation #38: Moose River at CR-29 (T51N/R26W/S29), Aitkin County (alternate: none) – 800,000 gallons
- Installation #39: Willow River (T50N/R24W/S7), Aitkin County (alternate: none) – 800,000 gallons
- Installation #40: Mississippi River (T51N/R24W/S27), Aitkin County (alternate: none) – 1,200,000 gallons
- Installation #41: Unnamed Stream (T51N/R23W/S27), Aitkin County (alternate: installation #40) – 400,000 gallons

	<ul style="list-style-type: none"> • Installation #42: Unnamed Stream, (T51N/R23W/S23), Aitkin County (alternate: installation #40) – 400,000 gallons • Installation #46: Stoney Brook (T49N/R18W/S21), Carlton County (alternate: installation #47) – 800,000 gallons • Installation #47: Big Lake (T49N/R18W/S21), Carlton County (alternate: none) – 600,000 gallons <p>All appropriations from the above listed installations will follow the Fugitive Dust Control Plan received with the final application on November 08, 2020 and the updated Winter Construction Plan and the November 2020 Environmental Protection Plan (EPP) both received on 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>	

Stream/River: Unnamed Creek (H-026-021-010) : by means of a stationary pump at a rate not to exceed 1000 gpm
Point(s) of Taking
UTM zone 15N, 243133m east, 5346445m north
SENE of Section 29, T155N, R45W

Stream/River: Red Lake River (H-026-030) : by means of a stationary pump at a rate not to exceed 1000 gpm
Point(s) of Taking
UTM zone 15N, 260976m east, 5325725m north
Meandered water body of Section 29, T153N, R43W

Stream/River: Clearwater River (H-026-030-019) : by means of a stationary pump at a rate not to exceed 1000 gpm
Point(s) of Taking
UTM zone 15N, 272458m east, 5312286m north
SESW of Section 4, T151N, R42W

Stream/River: (MAJ-090214966) : by means of a stationary pump at a rate not to exceed 1000 gpm
Point(s) of Taking
UTM zone 15N, 291639m east, 5299967m north
NWNE of Section 16, T150N, R40W

Stream/River: (MAJ-090216518) : by means of a stationary pump at a rate not to exceed 1000 gpm
Point(s) of Taking
UTM zone 15N, 293951m east, 5299091m north
SWNW of Section 14, T150N, R40W

Stream/River: Lost River (H-026-030-019-007) : by means of a stationary pump at a rate not to exceed 1000 gpm
Point(s) of Taking
UTM zone 15N, 311515m east, 5288422m north
NWSW of Section 15, T149N, R38W

Stream/River: Unnamed Creek (H-026-030-019-007-005) : by means of a stationary pump at a rate not to exceed 1000 gpm
Point(s) of Taking
UTM zone 15N, 315977m east, 5285301m north
NESE of Section 25, T149N, R38W

Stream/River: Clearwater River (H-026-030-019) : by means of a stationary pump at a rate not to exceed 1000 gpm
Point(s) of Taking
UTM zone 15N, 320036m east, 5265481m north
SWSE of Section 29, T147N, R37W

Stream/River: Walker Brook (H-026-030-019-029) : by means of a stationary pump at a rate not to exceed 1000 gpm
Point(s) of Taking
UTM zone 15N, 324556m east, 5264195m north
NESW of Section 35, T147N, R37W

Stream/River: Unnamed Stream (M-161-004-009) : by means of a stationary pump at a rate not to exceed 1000 gpm
Point(s) of Taking
UTM zone 15N, 332315m east, 5259686m north

NWNW of Section 14, T146N, R36W

Stream/River: Unnamed Creek (H-026-011-001) : by means of a stationary pump at a rate not to exceed 1000 gpm

Point(s) of Taking

UTM zone 15N, 200883m east, 5398266m north

NESE of Section 23, T160N, R50W

Stream/River: Mississippi River : by means of a stationary pump at a rate not to exceed 1000 gpm

Point(s) of Taking

UTM zone 15N, 333075m east, 5245319m north

NWNE of Section 35, T145N, R36W

Lake: Island (29025400) : by means of a stationary pump at a rate not to exceed 1000 gpm

Point(s) of Taking

UTM zone 15N, 337705m east, 5213941m north

SWNE of Section 5, T141N, R35W

Stream/River: Unnamed Creek (M-096-035-002) : by means of a stationary pump at a rate not to exceed 1000 gpm

Point(s) of Taking

UTM zone 15N, 335166m east, 5210621m north

NWSW of Section 18, T141N, R35W

Stream/River: Shell River (M-096-035) : by means of a stationary pump at a rate not to exceed 1000 gpm

Point(s) of Taking

UTM zone 15N, 336690m east, 5190648m north

SESE of Section 18, T139N, R35W

Stream/River: Unnamed Stream (M-096-035) : by means of a stationary pump at a rate not to exceed 1000 gpm

Point(s) of Taking

UTM zone 15N, 345081m east, 5188242m north

SENE of Section 30, T139N, R34W

Ditch : by means of a stationary pump at a rate not to exceed 1000 gpm

Point(s) of Taking

UTM zone 15N, 208354m east, 5389137m north

NENE of Section 22, T159N, R49W

Stream/River: (MAJ-070121121_A) : by means of a stationary pump at a rate not to exceed 1000 gpm

Point(s) of Taking

UTM zone 15N, 365180m east, 5181659m north

SWSW of Section 8, T138N, R32W

Stream/River: Pine River (M-106) : by means of a stationary pump at a rate not to exceed 1000 gpm

Point(s) of Taking

UTM zone 15N, 393615m east, 5179710m north

SWSE of Section 18, T138N, R29W

Lake: Louise (11015600) : by means of a stationary pump at a rate not to exceed 1000 gpm

Point(s) of Taking

UTM zone 15N, 404212m east, 5187483m north
NWNW of Section 29, T139N, R28W

Stream/River: Unnamed Stream (M-106-004-003-001) : by means of a stationary pump at a rate not to exceed 1000 gpm

Point(s) of Taking

UTM zone 15N, 417668m east, 5188552m north
NWNE of Section 22, T139N, R27W

Stream/River: Unnamed Stream (M-117-012) : by means of a stationary pump at a rate not to exceed 1000 gpm

Point(s) of Taking

UTM zone 15N, 437971m east, 5192502m north
SWNW of Section 2, T139N, R25W

Stream/River: Unnamed Stream (M-117-012) : by means of a stationary pump at a rate not to exceed 1000 gpm

Point(s) of Taking

UTM zone 15N, 448362m east, 5191558m north
NWSW of Section 29, T51N, R26W

Ditch: Willow River (M-117) : by means of a stationary pump at a rate not to exceed 1000 gpm

Point(s) of Taking

UTM zone 15N, 467007m east, 5185985m north
SESW of Section 7, T50N, R24W

Ditch: Unnamed Creek (H-026-011) : by means of a stationary pump at a rate not to exceed 1000 gpm

Point(s) of Taking

UTM zone 15N, 211419m east, 5385655m north
SESE of Section 25, T159N, R49W

Stream/River: Mississippi River : by means of a stationary pump at a rate not to exceed 1000 gpm

Point(s) of Taking

UTM zone 15N, 472153m east, 5191166m north
Meandered water body of Section 27, T51N, R24W

Stream/River: Unnamed Stream (M-120-005-001-005) : by means of a portable pump at a rate not to exceed 1000 gpm

Point(s) of Taking

UTM zone 15N, 481227m east, 5191772m north
NWNW of Section 27, T51N, R23W

Stream/River: West Savanna River (M-120-005-001) : by means of a portable pump at a rate not to exceed 1000 gpm

Point(s) of Taking

UTM zone 15N, 483393m east, 5192642m north
NWSE of Section 23, T51N, R23W

Ditch: Stoney Brook (S-002-017) : by means of a portable pump at a rate not to exceed 1000 gpm

Point(s) of Taking

UTM zone 15N, 525175m east, 5174380m north
NENW of Section 19, T49N, R18W

Lake: Big (09003200) : by means of a portable pump at a rate not to exceed 1000 gpm

Point(s) of Taking

UTM zone 15N, 528304m east, 5173517m north

Meandered water body of Section 21, T49N, R18W

Ditch : by means of a stationary pump at a rate not to exceed 1000 gpm

Point(s) of Taking

UTM zone 15N, 212745m east, 5383990m north

NENE of Section 6, T158N, R48W

Stream/River: Tamarac River (H-026-019) : by means of a stationary pump at a rate not to exceed 1000 gpm

Point(s) of Taking

UTM zone 15N, 222732m east, 5368901m north

NWNE of Section 20, T157N, R47W

Stream/River: (MAJ-090218249) : by means of a stationary pump at a rate not to exceed 1000 gpm

Point(s) of Taking

UTM zone 15N, 226628m east, 5366421m north

NWSW of Section 26, T157N, R47W

Stream/River: Middle River (H-026-021-004) : by means of a stationary pump at a rate not to exceed 1000 gpm

Point(s) of Taking

UTM zone 15N, 231921m east, 5360589m north

SWSE of Section 7, T156N, R46W

Stream/River: Snake River (H-026-021) : by means of a stationary pump at a rate not to exceed 1000 gpm

Point(s) of Taking

UTM zone 15N, 239475m east, 5352068m north

NWNE of Section 12, T155N, R46W

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)

CONDITIONS (Continued from previous page)

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 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.

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

CONDITIONS (Continued from previous page)

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.

INFESTED WATERS - UNUSED WATER: To prevent the spread of invasive species, all unused water appropriated under this permit must either be returned to its source or discharged on land. This permit is not valid for appropriations from surface water sources that are infested with invasive species without separate authorization from the DNR Division of Ecological and Water Resources. Refer to the DNR website for a current list of infested waters: <http://www.mndnr.gov/invasives/ais/infested.html>.

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.

EASEMENTS AND ACCESS ON PRIVATE PROPERTY: In all cases where the permittee, by performing the work 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, shall obtain the written consent of all persons, agencies, or authorities concerned, and shall acquire all property, rights, and interests needed for the work.

PUBLIC WATER ACCESSES: Permittee shall not unduly inconvenience any member of the general public wishing to use a public water access site. Pursuant to Minnesota Rules, Chapter 6218.0100, subparts 1 and 11: vehicles must be parked only in designated areas and may not obstruct any avenue of ingress or egress to the site or launch area, except when loading and unloading watercraft or other equipment. A person may not place any obstacle or moor any watercraft in a manner that obstructs ingress or egress to a public water access site. Statutory Authority: MS 86A.06. If any equipment will be left unattended on a DNR administered public water access (PWA) the permittee shall contact the local Parks and Trails Area Office to see if additional permits are required. Local Parks and Trails Area Offices can be located on the Minnesota DNR website at <https://www.dnr.state.mn.us/contact/locator.html>.

NAVIGABLE WATER NOTIFICATION: Permittee shall coordinate with DNR Parks and Trails staff regarding public notification including proper signage along the designated watercourse trail route to ensure public safety during construction and minimize recreational disruption.

MONITORING OF FLOW CONDITIONS: Enbridge will track flows on all surface waters used for water appropriation for dust suppression activities by watching the DNR cooperative stream gaging website: <https://www.dnr.state.mn.us/waters/csg/index.html>. If flows are nearing the Q90 for any respective site, Enbridge will move the installation for water appropriation to an approved contingency source or cease water appropriation until water levels recover as per the signed contingency letter dated October 16, 2020.

WINTER TIME APPROPRIATIONS: If appropriations are needed in winter for ice roads, Enbridge must monitor surface ice for safety. If water appropriations makes the ice unstable or unsafe for recreational use on a watercourse or basin that is being appropriated, Enbridge must provide adequate signage for the potential unsafe or thin ice conditions.

CONDITIONS (Continued from previous page)

GREAT LAKES COMPACT: All water appropriated from the Great Lakes Watershed at these 2 locations; Installation 46-Stoney Brook at milepost 1108.4 and Installation 47-Big Lake at milepost 1110.2 cannot be removed from the watershed and must be discharged within the same Great Lakes watershed. This includes all appropriations east of pipeline milepost 1085.0.

BEST MANAGEMENT PRACTICES: All Best Management Practices (BMPs) shall be installed and maintained in accordance with the Minnesota Pollution Control Agency (MPCA) National Discharge Elimination System/State Disposal System (NPDES/SDS) general permit, the November 2020 Enbridge's Environmental Protection Plan (EPP), received November 6, 2020, the MPCA required Stormwater Pollution Prevention Plan (SWPPP), and local regulations.

RELEVANT PLANS: Enbridge will follow all relevant monitoring and management plans for all applicable agencies, including the Fugitive Dust Control Plan received on November 8, 2020 with the final application, and the updated Winter Construction Plan and the November 2020 Environmental Protection Plan (EPP) received on November 8, 2020.

PUMP INTAKE SCREENS: All pump intakes will have 3/16 inch mesh screens for prevention of fish entrainment.

FLOW METERS: All pumps used for water appropriations for dust suppression activities must be instrumented with flow meters to record accurate water appropriation volumes. Timing devices are not allowed under this permit.

PUMPING RATES: All appropriation pump rates from public water sources must be set between 300 gallons per minute (gpm) to 1,000 gpm. Pump rates must not exceed 1,000 gpm.

WILD RICE LAKES AND WATERCOURSES: Enbridge will follow the MPCA guidelines for known wild rice lake and watercourses that no discharges will take place between April 1 and June 15 or discharges may occur during the above restricted time period if the requirements of the MPCA NPDES/SDS Permit are met which include discharges must not cause an elevation rise in the receiving water greater than 2 inches.

INVASIVE AND NOXIOUS SPECIES MANAGEMENT PLAN: Equipment used to appropriate water must be drained of water after use and cleaned before transporting the equipment to another site or installation. The permittee and/or authorized agents will remove all plants, mud, debris and organisms from the exterior of the equipment. If invasive species are identified during inspection, Enbridge and/or authorized agents must follow the Invasive and Noxious Species Management Plan submitted November 6, 2020 as part of the Environmental Protection Plan (EPP) and all relevant state rules and regulations.

DISCHARGE OF EXCESS WATER FROM DUST SUPPRESSION ACTIVITIES: Excess water from dust suppression activities shall not be discharged onto the land surface within 300 feet from a surface water.

LAKE PROTECTIVE ELEVATIONS: The following protective elevations are required as a condition of this Permit. Island Lake (Hubbard County) has a protective elevation at the outlet of 1439.6 feet above sea level (NAVD 1988), Big Lake (Carlton County) is landlocked and has a protective elevation of 1310.0 feet (NAVD 1988, Louise Lake/Blind Creek (Cass County) has a protective elevation at the outlet of 1356.5 feet (NAVD 1988). Water appropriations must cease when water levels reach the above referenced elevations for each lake.

cc: Jess Richards, EWR
Corps of Engineers, Corps of Engineers, Carlton
Corps of Engineers, Corps of Engineers, St. Louis (South)
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, Kittson
Corps of Engineers, Corps of Engineers, Clearwater
Corps of Engineers, Corps of Engineers, Polk
Corps of Engineers, Corps of Engineers, Red Lake
Corps of Engineers, Corps of Engineers, Pennington
Corps of Engineers, Corps of Engineers, Marshall
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Myron Jesme, Watershed District, Red Lake
Kyle Schломann, Watershed District, Middle Snake Tamarac Rivers
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Tom Groshens, EWR
Randall Doneen, EWR
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Jacob Willis, Conservation Officers, Brookston
Amber Ladd, Conservation Officers, McGregor
Taylor Hochstein, Conservation Officers, Hill City
Calie Kunst, Conservation Officers, Remer
Jacque Hughes, Conservation Officers, Longville
Pat McGowan, Conservation Officers, Pine River
Jordan Anderson, Conservation Officers, Wadena
Jordan Anderson, Conservation Officers, Park Rapids
Jeremy Woinarowicz, Conservation Officers, Karlstad
Tony Ellwell, Conservation Officers, Karlstad
Brice Vollbrecht, Conservation Officers, Bemidji #2
Alan Peterson, Conservation Officers, Bemidji #2
Tim Gray, Conservation Officers, Bagley
Thomas Hutchins, Conservation Officers, Crookston
Tony Ellwell, Conservation Officers, Thief River Falls #2
Jeremy Woinarowicz, Conservation Officers, Thief River Falls #1
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David Demmer, BWSR Wetland Specialists, Carlton
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Matt Johnson, BWSR Wetland Specialists, Cass
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Matt Johnson, BWSR Wetland Specialists, Kittson
Matt Johnson, BWSR Wetland Specialists, Clearwater
Steve Hofstad, BWSR Wetland Specialists, Polk
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Matt Johnson, BWSR Wetland Specialists, Marshall
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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
Chris Balzer, DNR Wildlife, Cloquet
Russ Reisz, DNR Wildlife, Aitkin
Christine Reisz, DNR Wildlife, Brainerd
Jason Wollin, DNR Wildlife, Karlstad
Erik Thorson, DNR Wildlife, Park Rapids

Emily Hutchins, DNR Wildlife, Crookston
Doug Franke, DNR Wildlife, Thief River Falls
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Rick Bruesewitz, DNR Fisheries, Aitkin Area
Doug Schultz, DNR Fisheries, Walker Area
Marc Bacigalupi, DNR Fisheries, Brainerd Area
Calub Shavlik, DNR Fisheries, Park Rapids Area
Andy Thompson Barnard, DNR Fisheries, Bemidji Area
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Terry Neff, County, Aitkin
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John Ringle, County, Cass
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Eric Buitenwerf, County, Hubbard
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Daniel Hecht, County, Clearwater
Jake Snyder, County, Polk
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John Ringle, SWCD, Cass SWCD
Kelly Condiff, SWCD, Cass SWCD
Crystal Mathisrud, SWCD, Hubbard SWCD
Justin Muller, SWCD, Kittson SWCD
Chester Powell, SWCD, Clearwater SWCD
Lori Buell, SWCD, Clearwater SWCD
Rachel Klein, SWCD, East Polk SWCD
Tanya Hanson, SWCD, Red Lake SWCD
Bryan Malone, SWCD, Pennington SWCD
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