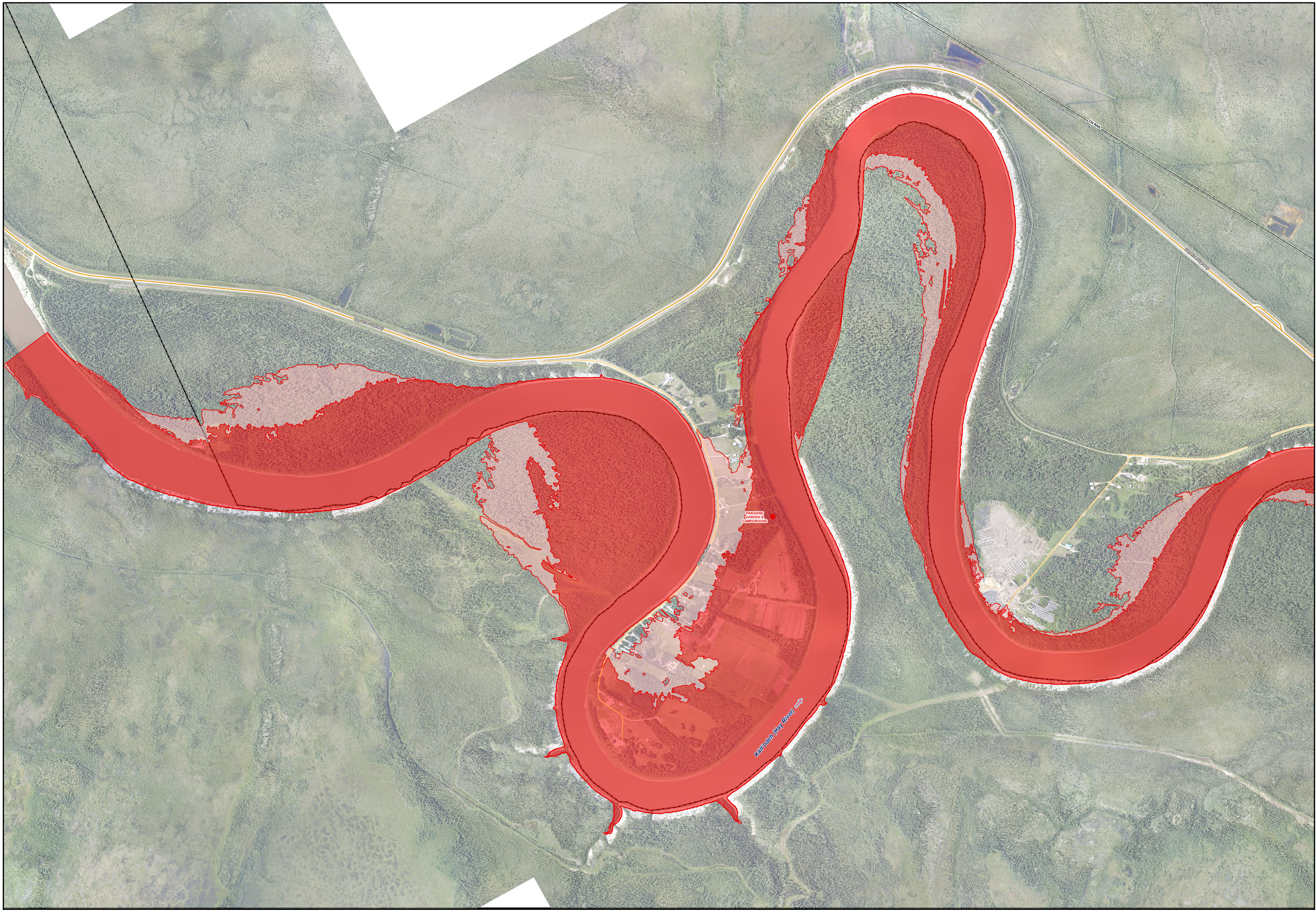
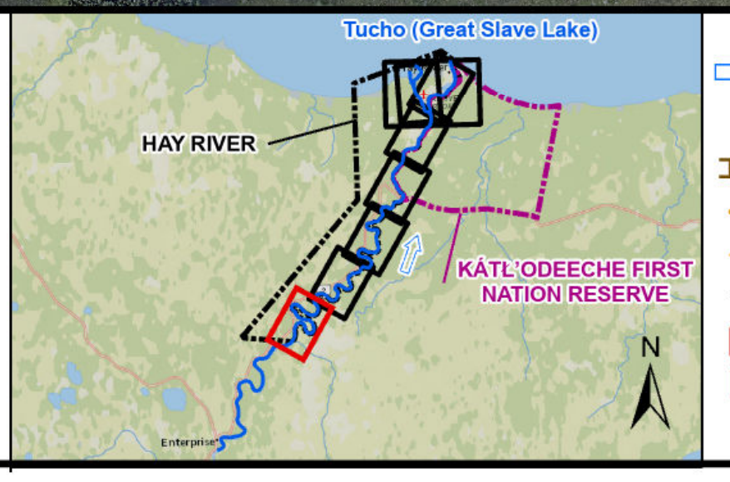

CN RAIL
Hay River Highway
Hay River Highway
Paradise Road
PARADISE GARDEN & CAMPGROUND
Kátł'odeh (Hay River)

Government of Northwest Territories
Gouvernement des Territoires du Nord-Ouest

nhc


Tucho (Great Slave Lake)
HAY RIVER
KÁTŁ'ODEECHE FIRST NATION RESERVE
N
Enterprise

- FLOW DIRECTION
- PLACE OF INTEREST
- BRIDGE
- MAJOR HIGHWAY
- LOCAL ROAD
- RAILWAY
- FLOOD FRINGE
- FLOODWAY
- KÁTŁ'ODEECHE FIRST NATION RESERVE
- TOWN OF HAY RIVER
- DIGITAL ELEVATION MODEL LIMIT (McElhanney Ltd., 2020)

NOTES TO USERS:

This map is intended for community planning purposes.

Canada

Funding for this project was provided by the Government of Northwest Territories and Natural Resources Canada, under the Flood Hazard Identification and Mapping Program (FHIMP).

GEOSPATIAL DATA SOURCES:

Aerial Image 20 cm resolution and LIDAR 1 m resolution by McElhanney Ltd. for the Government of Northwest Territories, 2020.

Note: Modified Aerial Image 50 cm resolution is used for display in order to reduce the pdf map size.

D.J. HEALY
2025-04-08

PERMIT TO PRACTICE
Northwest Hydraulic Consultants Ltd.
Signature
Date 8 Apr 2025
PERMIT NUMBER: P 505
The Association of Professional Engineers, Geologists and Geophysicists of the NWT / NU

SCALE - 1:5,000
0 60 120 180 240 Meters
N

Coordinate System: NAD 1983 CSRS UTM ZONE 11N
Vertical Datum: CGVD2013a; Units: Metres

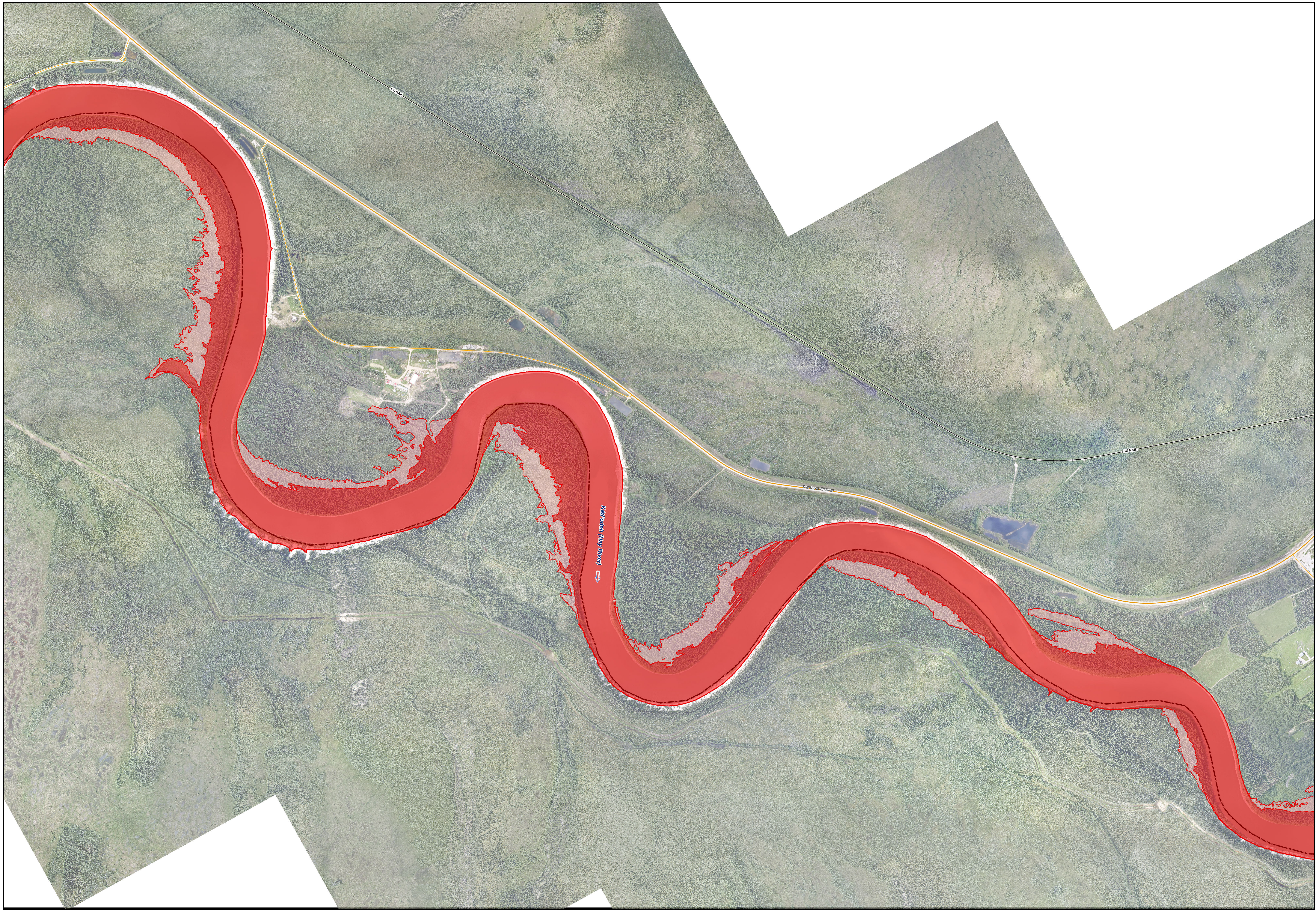
Engineer	GIS	Reviewer
AMH/DJH	JY/DJH	RBA

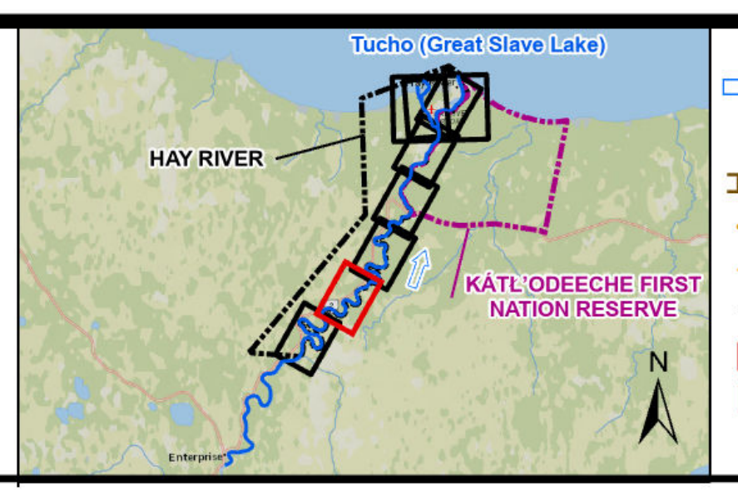
Job Number	Date
1008469	31-MAR-2025

KÁTŁ'ODEH (HAY RIVER)
FLOOD HAZARD MAPPING STUDY

100 YEAR ICE JAM
FLOOD HAZARD MAP

SHEET 1 OF 8


CN RAIL
CN RAIL
Hay River Highway
Kátł'odeh (Hay River)


Tucho (Great Slave Lake)
HAY RIVER
KÁTŁ'ODEECHE FIRST NATION RESERVE
Enterprise
N

- ⇨ FLOW DIRECTION
- ● PLACE OF INTEREST
- BRIDGE
- MAJOR HIGHWAY
- LOCAL ROAD
- RAILWAY
- FLOOD FRINGE
- FLOODWAY
- KÁTŁ'ODEECHE FIRST NATION RESERVE
- TOWN OF HAY RIVER
- DIGITAL ELEVATION MODEL LIMIT (McElhanney Ltd., 2020)

NOTES TO USERS:

This map is intended for community planning purposes.

Funding for this project was provided by the Government of Northwest Territories and Natural Resources Canada, under the Flood Hazard Identification and Mapping Program (FHIMP).

GEOSPATIAL DATA SOURCES:

Aerial Image 20 cm resolution and LIDAR 1 m resolution by McElhanney Ltd. for the Government of Northwest Territories, 2020.

Note: Modified Aerial Image 50 cm resolution is used for display in order to reduce the pdf map size.

D.J. HEALY
2025-04-08

PERMIT TO PRACTICE
Northwest Hydraulic Consultants Ltd.
Signature
Date 8 Apr 2025
PERMIT NUMBER: P 505
The Association of Professional Engineers, Geologists and Geophysicists of the NWT / NU

SCALE - 1:5,000
0 60 120 180 240 Meters

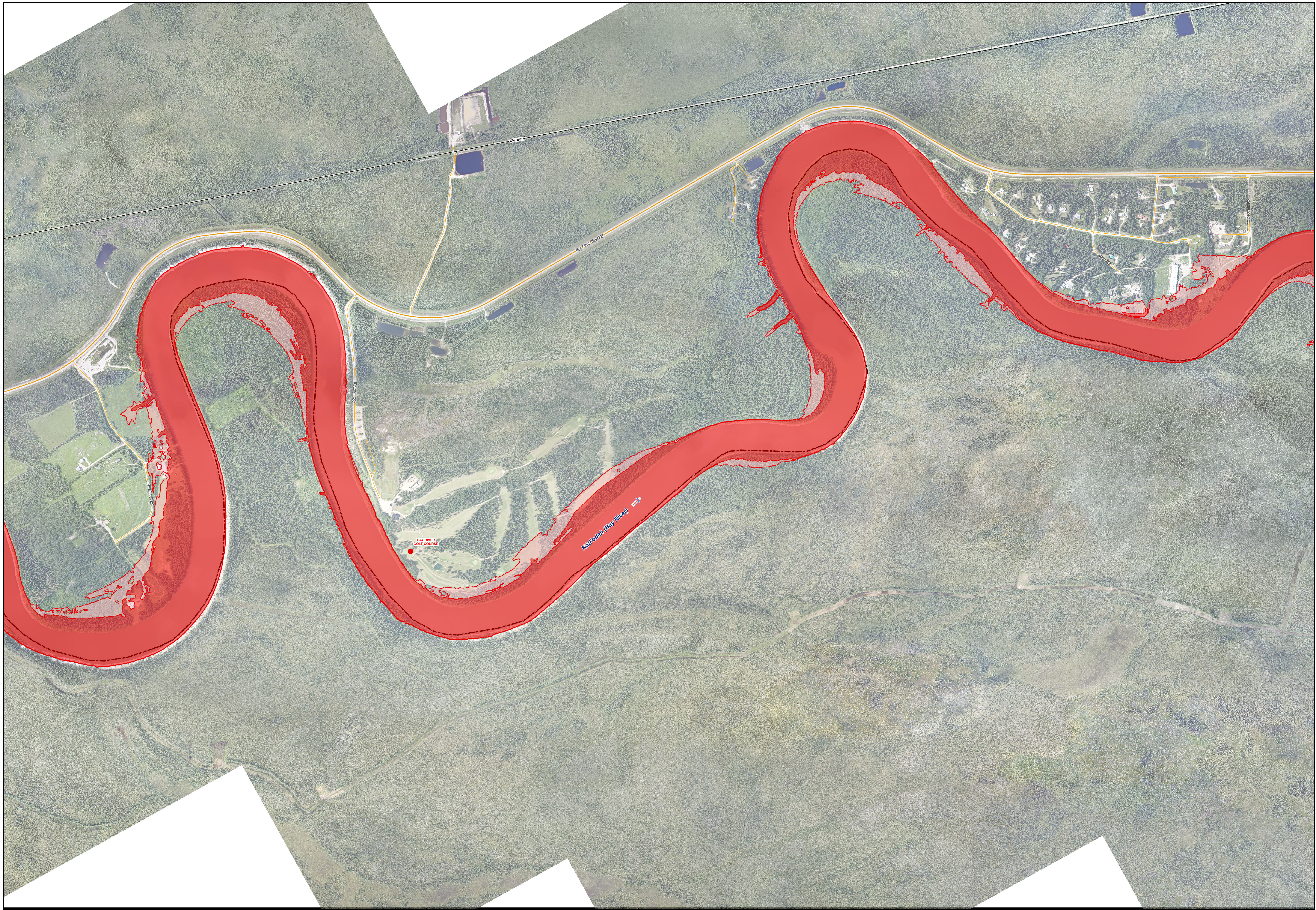
Coordinate System: NAD 1983 CSRS UTM ZONE 11N
Vertical Datum: CGVD2013a; Units: Metres

Engineer AMH/DJH
GIS JY/DJH
Reviewer RBA
Job Number 1008469
Date 31-MAR-2025

KÁTŁ'ODEH (HAY RIVER) FLOOD HAZARD MAPPING STUDY

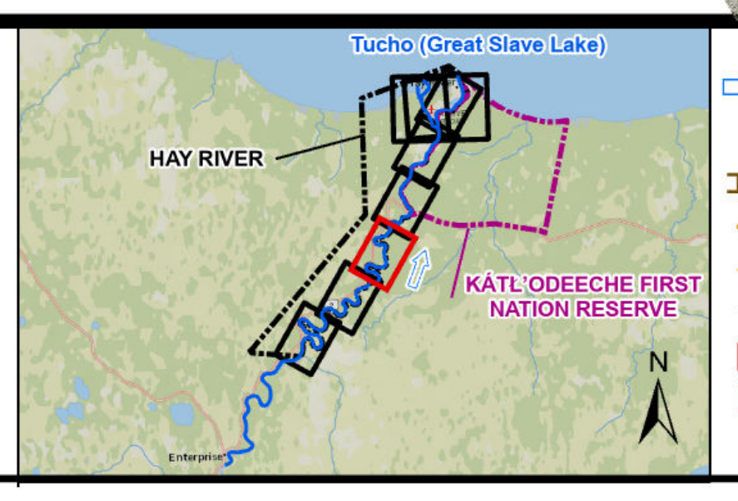
100 YEAR ICE JAM FLOOD HAZARD MAP

SHEET 2 OF 8



Government of
Northwest
Territories
Gouvernement des
Territoires du
Nord-Ouest

nhc



- ⇨ FLOW DIRECTION
- ● PLACE OF INTEREST
- BRIDGE
- MAJOR HIGHWAY
- LOCAL ROAD
- RAILWAY
- ▨ FLOOD FRINGE
- 🟥 FLOODWAY
- KÁTŁ'ODEECHE FIRST NATION RESERVE
- TOWN OF HAY RIVER
- DIGITAL ELEVATION MODEL LIMIT (McElhanney Ltd., 2020)

NOTES TO USERS:

This map is intended for community planning purposes.

Canada

Funding for this project was provided by the Government of Northwest Territories and Natural Resources Canada, under the Flood Hazard Identification and Mapping Program (FHIMP).

GEOSPATIAL DATA SOURCES:

Aerial Image 20 cm resolution and LIDAR 1 m resolution by McElhanney Ltd. for the Government of Northwest Territories, 2020.

Note: Modified Aerial Image 50 cm resolution is used for display in order to reduce the pdf map size.

D.J. HEALY
2025-04-08

PERMIT TO PRACTICE
Northwest Hydraulic Consultants Ltd.
Signature
Date 8 Apr 2025
PERMIT NUMBER: P 505
The Association of Professional Engineers, Geologists and Geophysicists of the NWT / NU

SCALE - 1:5,000
0 60 120 180 240 Meters

Coordinate System: NAD 1983 CSRS UTM ZONE 11N
Vertical Datum: CGVD2013a; Units: Metres

Engineer	GIS	Reviewer
AMH/DJH	JY/DJH	RBA

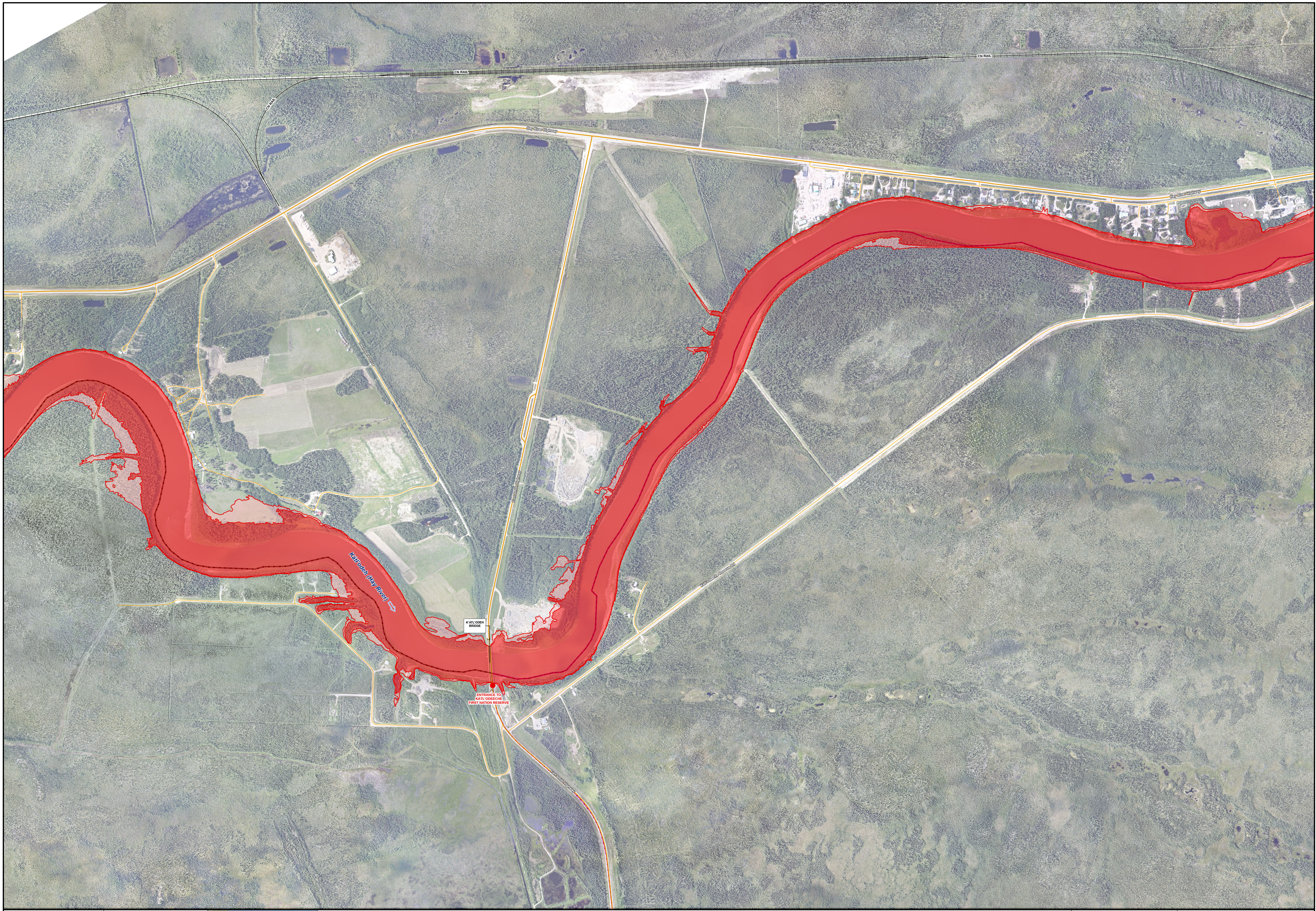
Job Number	Date
1008469	31-MAR-2025

KÁTŁ'ODEH (HAY RIVER) FLOOD HAZARD MAPPING STUDY

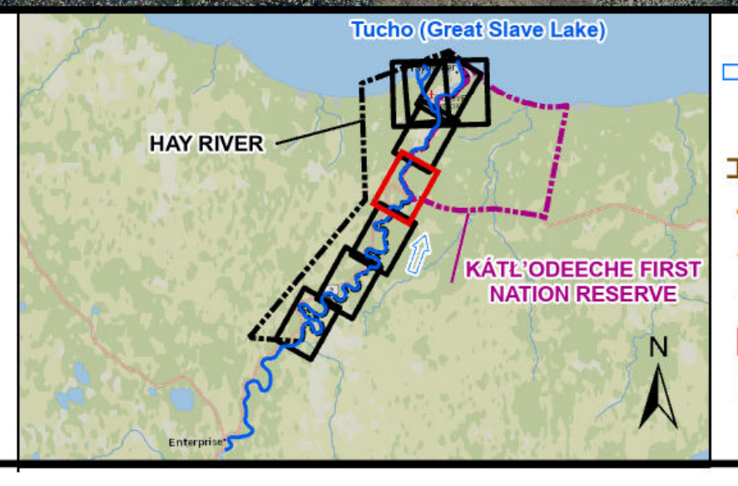
100 YEAR ICE JAM FLOOD HAZARD MAP

SHEET 3 OF 8

JY, P:_Projects (Active)\1008469 NWT Flood Hazard Mapping\100 Hay River\90 GIS\1008469ForMapping\100


CN RAIL
CN RAIL
CN RAIL
Hay River Highway
Hay River Highway
Willdrose Drive
Desnoyers Drive
Fort Smith Highway
Fort Smith Highway
Kátł'odeeche Reserve Rd
Kátł'odeh (Hay River)
K'ATL'ODEH BRIDGE
ENTRANCE TO KÁTŁ'ODEECHE FIRST NATION RESERVE

Government of Northwest Territories
Gouvernement des Territoires du Nord-Ouest


Tucho (Great Slave Lake)
HAY RIVER
KÁTŁ'ODEECHE FIRST NATION RESERVE
Enterprise
N

- ⇨ FLOW DIRECTION
- ● PLACE OF INTEREST
- BRIDGE
- MAJOR HIGHWAY
- LOCAL ROAD
- RAILWAY
- 🟥 FLOOD FRINGE
- 🟥 FLOODWAY
- KÁTŁ'ODEECHE FIRST NATION RESERVE
- TOWN OF HAY RIVER
- DIGITAL ELEVATION MODEL LIMIT (McElhanney Ltd., 2020)

NOTES TO USERS:

This map is intended for community planning purposes.

Funding for this project was provided by the Government of Northwest Territories and Natural Resources Canada, under the Flood Hazard Identification and Mapping Program (FHIMP).

GEOSPATIAL DATA SOURCES:

Aerial Image 20 cm resolution and LIDAR 1 m resolution by McElhanney Ltd. for the Government of Northwest Territories, 2020.

Note: Modified Aerial Image 50 cm resolution is used for display in order to reduce the pdf map size.

REGISTERED PROFESSIONAL ENGINEER
D.J. HEALY
LICENSEE
NT/NU
2025-04-08

PERMIT TO PRACTICE
Northwest Hydraulic Consultants Ltd.
Signature
Date 8 Apr 2025
PERMIT NUMBER: P 505
The Association of Professional Engineers, Geologists and Geophysicists of the NWT / NU

SCALE - 1:5,000
0 60 120 180 240 Meters
N

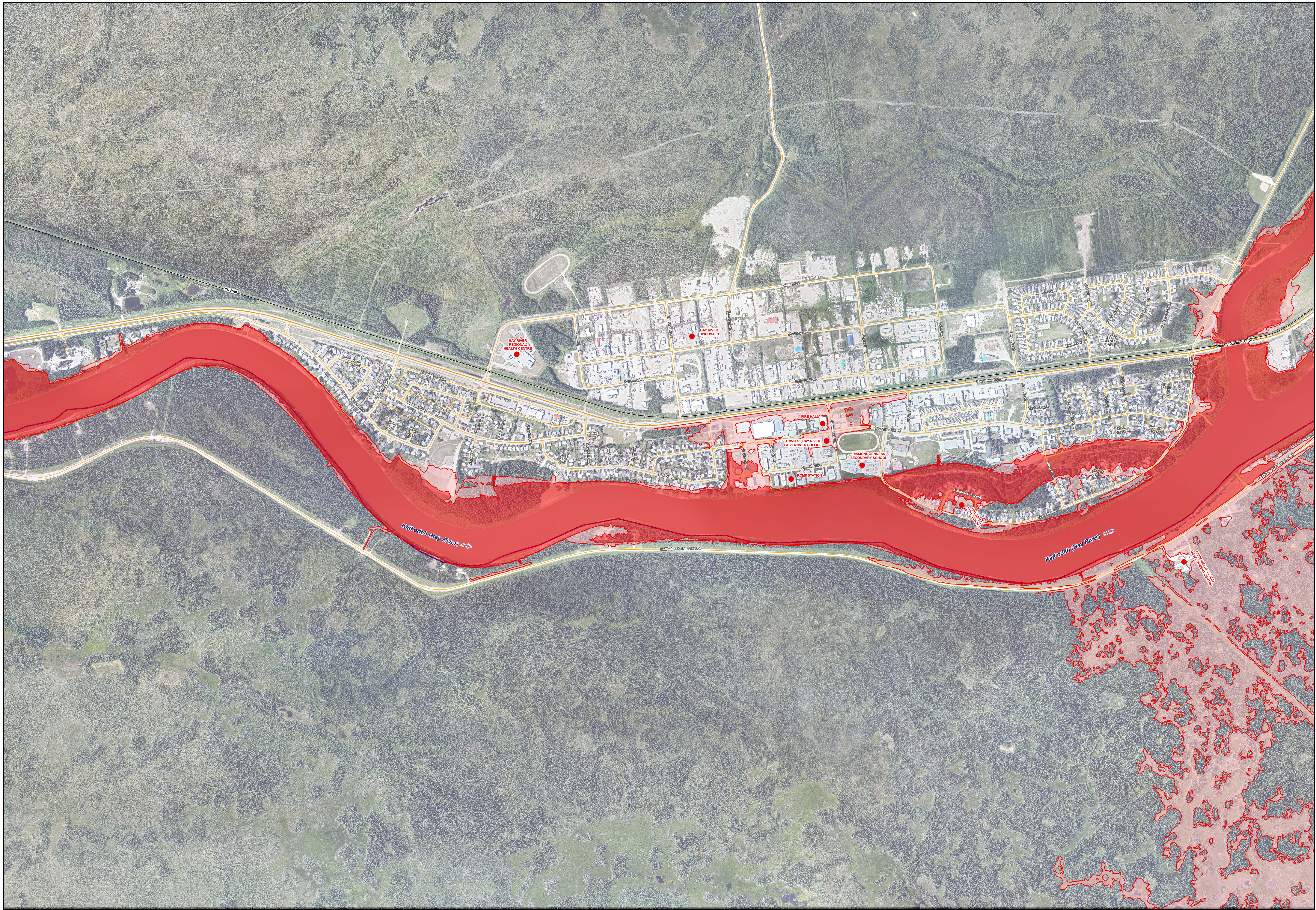
Coordinate System: NAD 1983 CSRS UTM ZONE 11N
Vertical Datum: CGVD2013a; Units: Metres

Engineer	GIS	Reviewer
AMH/DJH	JY/DJH	RBA

Job Number	Date
1008469	31-MAR-2025

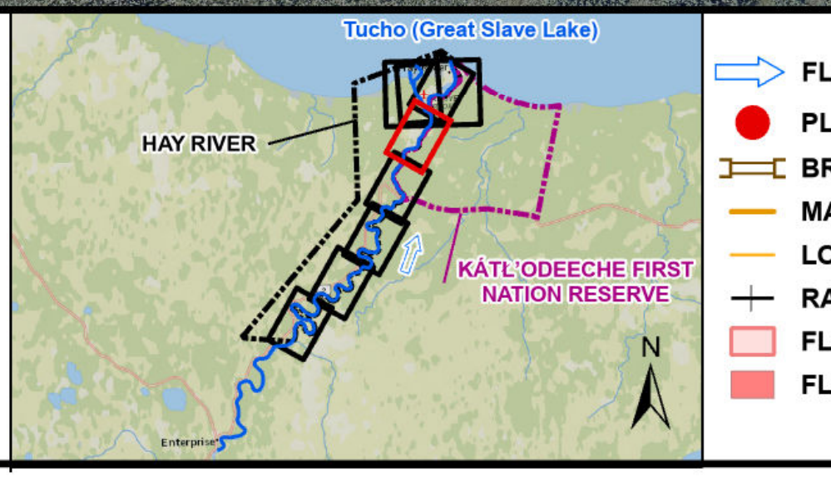
KÁTŁ'ODEH (HAY RIVER) FLOOD HAZARD MAPPING STUDY

100 YEAR ICE JAM FLOOD HAZARD MAP


CN RAIL
HAY RIVER REGIONAL HEALTH CENTRE
HAY RIVER DISPOSALS (1985) LTD
FIRE HALL
TOWN OF HAY RIVER GOVERNMENT OFFICE
DIAMOND JENNESS SECONDARY SCHOOL
RCMP STATION
HAY RIVER PLAY SCHOOL
DENE WELNESS AND DEVELOPMENT CENTRE
WEST CHANNEL BRIDGE
Kátł'odeh (Hay River)
Kátł'odeh (Hay River)
Kátł'odeeche Reserve Rd
Hay River Highway
John Mapes Crescent
Wright Crescent
Riverbend Road
Miron Drive
Stewart Drive
Parker Place
Covert Place
Dessy Place
Mansell Place
Morin Place
Nelville Place
Steiner Place
Mackie Place
Mcrorie Road
Abby Place
Menzie Place
Mcbryan Drive
Willow Road
Spruce Road
Tamarack Drive
Poplar Road
Dean Drive
Studney Drive
Aspen Drive
Industrial Drive
Lepine Road
Cagner Road
Capital Drive
Commercial Road
Woodland Drive
Nahanni Road
Ash Road
Birch Road
Royal Road
Taylor Place
Pine Crescent
Cedar Road
Balsam Drive
Elm Crescent
Fir Crescent
Wild Currant Court
Cranberry Crescent
Saskatoon Drive
Cansell Crescent
Robin Crescent
Sibbeston Road
Eagle Crescent
Malcolm Crescent
Cameron Crescent
Riverview Drive
Gaetz Drive
Beaver Crescent
Caribou Crescent

Government of Northwest Territories
Gouvernement des Territoires du Nord-Ouest

nhc


Tucho (Great Slave Lake)
HAY RIVER
KÁTŁ'ODEECHE FIRST NATION RESERVE
Enterprise
N

- ⇨ FLOW DIRECTION
- ● PLACE OF INTEREST
- BRIDGE
- MAJOR HIGHWAY
- LOCAL ROAD
- RAILWAY
- FLOOD FRINGE
- FLOODWAY
- KÁTŁ'ODEECHE FIRST NATION RESERVE
- TOWN OF HAY RIVER
- DIGITAL ELEVATION MODEL LIMIT (McElhanney Ltd., 2020)

NOTES TO USERS:

This map is intended for community planning purposes.

Canada

Funding for this project was provided by the Government of Northwest Territories and Natural Resources Canada, under the Flood Hazard Identification and Mapping Program (FHIMP).

GEOSPATIAL DATA SOURCES:

Aerial Image 20 cm resolution and LIDAR 1 m resolution by McElhanney Ltd. for the Government of Northwest Territories, 2020.

Note: Modified Aerial Image 50 cm resolution is used for display in order to reduce the pdf map size.

D.J. HEALY
2025-04-08

PERMIT TO PRACTICE
Northwest Hydraulic Consultants Ltd.
Signature
Date 8 Apr 2025
PERMIT NUMBER: P 505
The Association of Professional Engineers, Geologists and Geophysicists of the NWT / NU

SCALE - 1:5,000
0 60 120 180 240 Meters

Coordinate System: NAD 1983 CSRS UTM ZONE 11N
Vertical Datum: CGVD2013a; Units: Metres

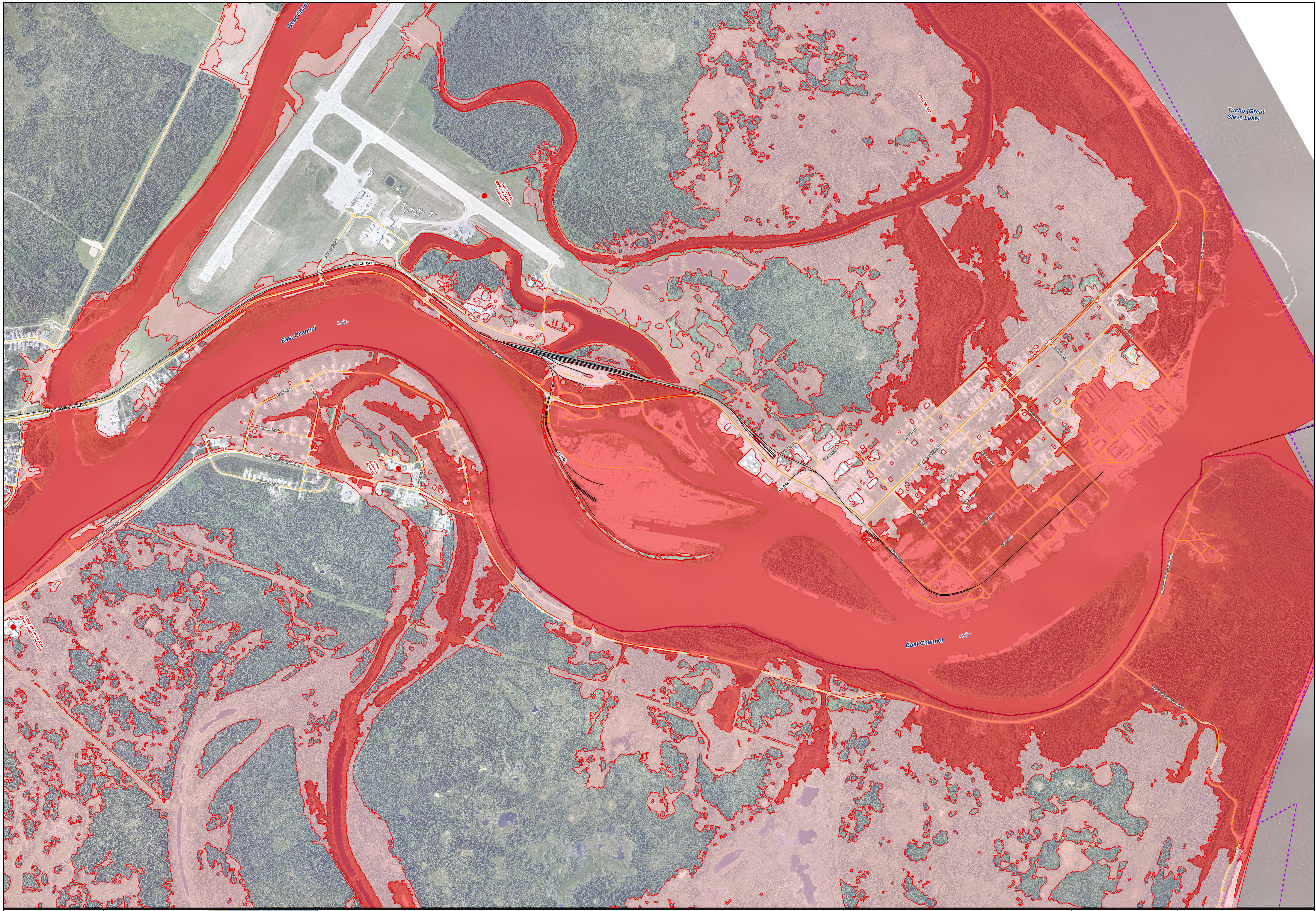
Engineer	GIS	Reviewer
AMH/DJH	JY/DJH	RBA

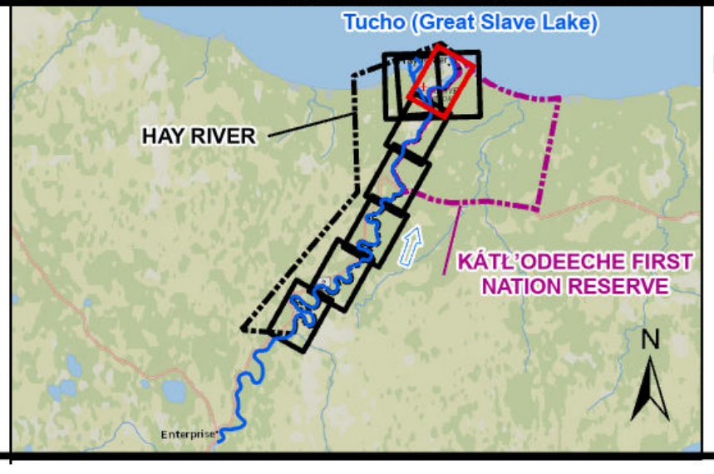
Job Number	Date
1008469	31-MAR-2025

KÁTŁ'ODEH (HAY RIVER)
FLOOD HAZARD MAPPING STUDY

100 YEAR ICE JAM FLOOD HAZARD MAP

SHEET 5 OF 8


West Channel
East Channel
East Channel
Tucho (Great Slave Lake)
HAY RIVER MERLYN CARTER AIRPORT
VALE ISLAND
CHIEF SUNRISE SCHOOL
DENE WELLNESS AND DEVELOPMENT CENTRE
CN RAIL
CN RAIL
CN RAIL
WEST CHANNEL BRIDGE
Lynx Drive


Tucho (Great Slave Lake)
HAY RIVER
KÁTŁ'ODEECHE FIRST NATION RESERVE
Enterprise
N

- ⇨ FLOW DIRECTION
- ● PLACE OF INTEREST
- BRIDGE
- MAJOR HIGHWAY
- LOCAL ROAD
- RAILWAY
- ▭ FLOOD FRINGE
- 🟥 FLOODWAY
- KÁTŁ'ODEECHE FIRST NATION RESERVE
- TOWN OF HAY RIVER
- DIGITAL ELEVATION MODEL LIMIT (McElhanney Ltd., 2020)

NOTES TO USERS:

This map is intended for community planning purposes.

Funding for this project was provided by the Government of Northwest Territories and Natural Resources Canada, under the Flood Hazard Identification and Mapping Program (FHIMP).

GEOSPATIAL DATA SOURCES:

Aerial Image 20 cm resolution and LIDAR 1 m resolution by McElhanney Ltd. for the Government of Northwest Territories, 2020.

Note: Modified Aerial Image 50 cm resolution is used for display in order to reduce the pdf map size.

D.J. HEALY
2025-04-08

PERMIT TO PRACTICE
Northwest Hydraulic Consultants Ltd.
Signature
Date 8 Apr 2025
PERMIT NUMBER: P 505
The Association of Professional Engineers, Geologists and Geophysicists of the NWT / NU

SCALE - 1:5,000
0 60 120 180 240 Meters

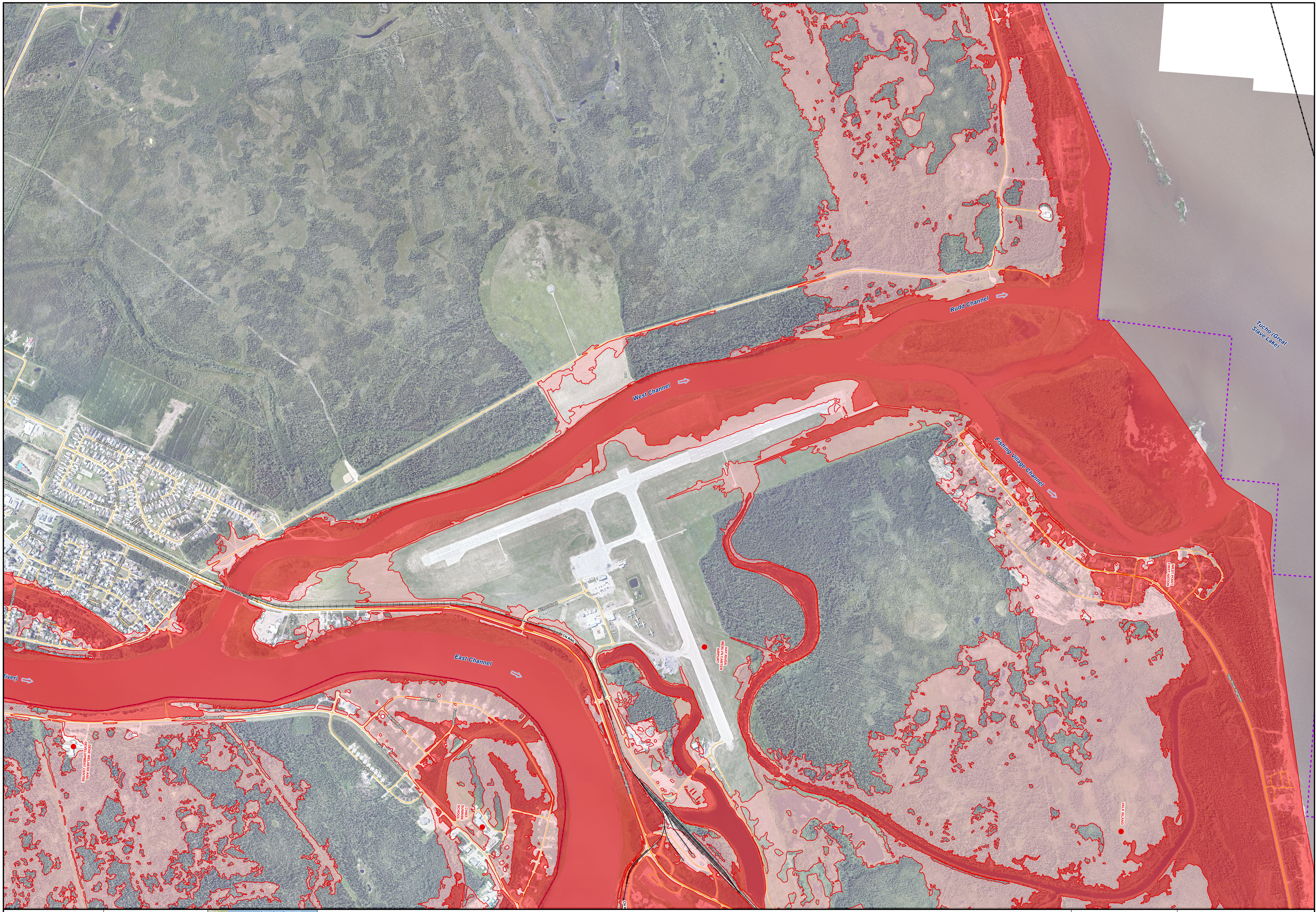
Coordinate System: NAD 1983 CSRS UTM ZONE 11N
Vertical Datum: CGVD2013a; Units: Metres

Engineer	GIS	Reviewer
AMH/DJH	JY/DJH	RBA

Job Number	Date
1008469	31-MAR-2025

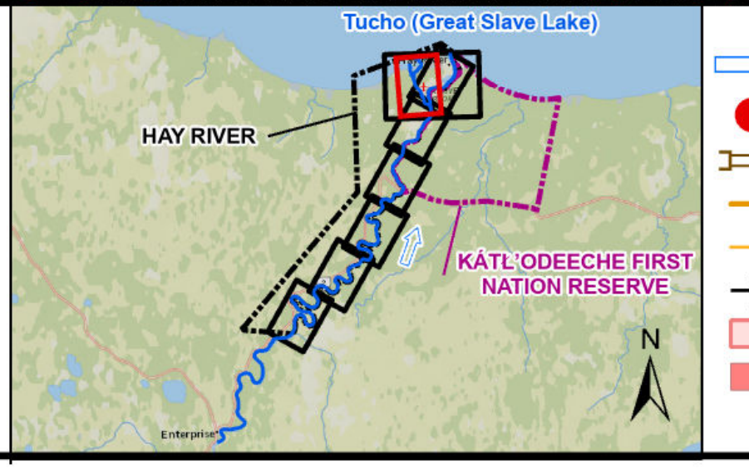
KÁTŁ'ODEH (HAY RIVER) FLOOD HAZARD MAPPING STUDY

100 YEAR ICE JAM FLOOD HAZARD MAP


Tucho (Great Slave Lake)
Rudd Channel
West Channel
Fishing Village Channel
East Channel
River)
HAY RIVER MERLYN CARTER AIRPORT
WEST POINT FIRST NATION
Alaska Road
DENE WELLNESS AND DEVELOPMENT CENTRE
CHIEF SUNRISE SCHOOL
VALE ISLAND
Kátł'odeeche Reserve Rd
Wolf Drive
Marten Road
Fox Road
Beaver Road
Lynx Drive
CN RAIL

Government of Northwest Territories
Gouvernement des Territoires du Nord-Ouest

nhc


Tucho (Great Slave Lake)
HAY RIVER
KÁTŁ'ODEECHE FIRST NATION RESERVE
Enterprise
N

⇨ FLOW DIRECTION
● PLACE OF INTEREST
BRIDGE
MAJOR HIGHWAY
LOCAL ROAD
RAILWAY
🟥 FLOOD FRINGE
🟥 FLOODWAY
KÁTŁ'ODEECHE FIRST NATION RESERVE
TOWN OF HAY RIVER
DIGITAL ELEVATION MODEL LIMIT (McElhanney Ltd., 2020)

NOTES TO USERS:

This map is intended for community planning purposes.

Canada

Funding for this project was provided by the Government of Northwest Territories and Natural Resources Canada, under the Flood Hazard Identification and Mapping Program (FHIMP).

GEOSPATIAL DATA SOURCES:

Aerial Image 20 cm resolution and LIDAR 1 m resolution by McElhanney Ltd. for the Government of Northwest Territories, 2020.

Note: Modified Aerial Image 50 cm resolution is used for display in order to reduce the pdf map size.

REGISTERED PROFESSIONAL ENGINEER
D.J. HEALY
LICENSEE
NT/NU
2025-04-08

PERMIT TO PRACTICE
Northwest Hydraulic Consultants Ltd.
Signature
Date 8 Apr 2025
PERMIT NUMBER: P 505
The Association of Professional Engineers, Geologists and Geophysicists of the NWT / NU

SCALE - 1:5,000
0 60 120 180 240 Meters
N

Coordinate System: NAD 1983 CSRS UTM ZONE 11N
Vertical Datum: CGVD2013a; Units: Metres

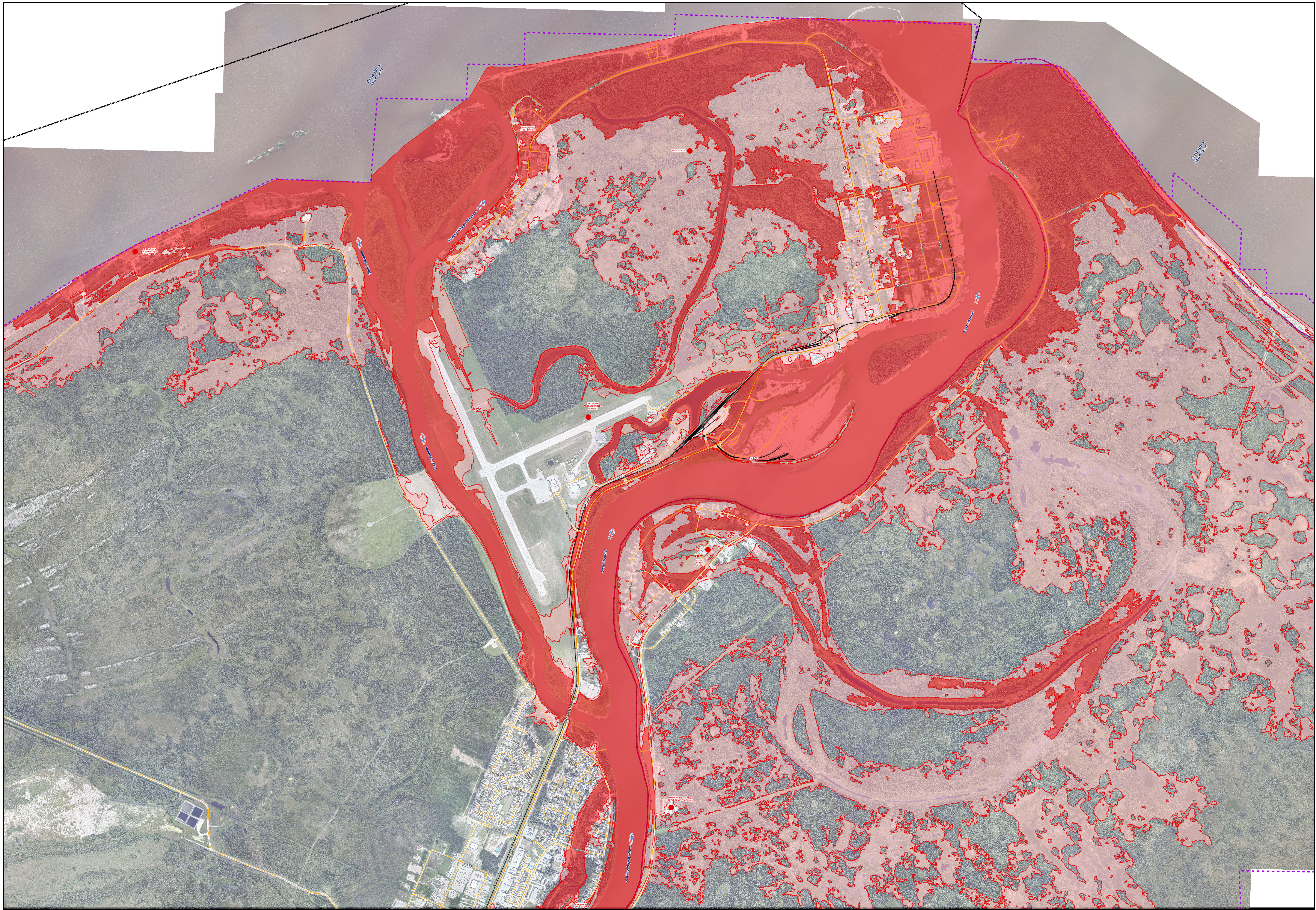
Engineer	GIS	Reviewer
AMH/DJH	JY/DJH	RBA

Job Number	Date
1008469	31-MAR-2025

KÁTŁ'ODEH (HAY RIVER)
FLOOD HAZARD MAPPING STUDY

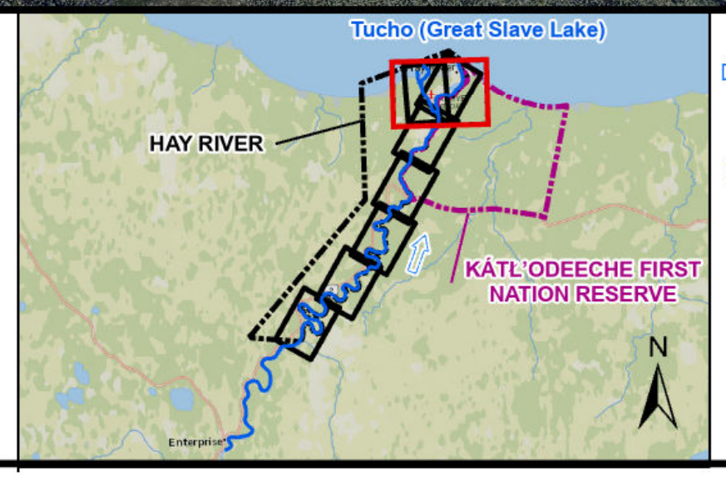
100 YEAR ICE JAM FLOOD HAZARD MAP

SHEET 7 OF 8


Tucho (Great Slave Lake)
Tucho (Great Slave Lake)
2 SEASONS ADVENTURES' CAMPSITES
WEST POINT FIRST NATION
Alaska Road
VALE ISLAND
Rudd Channel
Fishing Village Channel
Godwin Road
Kucher Road
HAY RIVER MERLYN CARTER AIRPORT
East Channel
100 Street
CHIEF SUNRISE SCHOOL
Lynx Drive
DENE WELNESS AND DEVELOPMENT CENTRE
Kátł'odeh (Hay River)
HAY RIVER PLAY SCHOOL

Government of Northwest Territories
Gouvernement des Territoires du Nord-Ouest

nhc


Tucho (Great Slave Lake)
HAY RIVER
KÁTŁ'ODEECHE FIRST NATION RESERVE
N
Enterprise

- ⇧ FLOW DIRECTION
- ● PLACE OF INTEREST
- BRIDGE
- MAJOR HIGHWAY
- LOCAL ROAD
- RAILWAY
- 🟥 FLOOD FRINGE
- 🟥 FLOODWAY
- ▢ KÁTŁ'ODEECHE FIRST NATION RESERVE
- ▢ TOWN OF HAY RIVER
- - - DIGITAL ELEVATION MODEL LIMIT (McElhanney Ltd., 2020)

NOTES TO USERS:

This map is intended for community planning purposes.

Canada

Funding for this project was provided by the Government of Northwest Territories and Natural Resources Canada, under the Flood Hazard Identification and Mapping Program (FHIMP).

GEOSPATIAL DATA SOURCES:

Aerial Image 20 cm resolution and LIDAR 1 m resolution by McElhanney Ltd. for the Government of Northwest Territories, 2020.

Note: Modified Aerial Image 50 cm resolution is used for display in order to reduce the pdf map size.

D.J. HEALY
LICENSEE
2025-04-08

PERMIT TO PRACTICE
Northwest Hydraulic Consultants Ltd.
Signature
Date 8 Apr 2025
PERMIT NUMBER: P 505
The Association of Professional Engineers, Geologists and Geophysicists of the NWT / NU

SCALE - 1:8,000
0 100 200 300 400 Meters
N

Coordinate System: NAD 1983 CSRS UTM ZONE 11N
Vertical Datum: CGVD2013a; Units: Metres

Engineer	GIS	Reviewer
AMH/DJH	JY/DJH	RBA

Job Number	Date
1008469	31-MAR-2025

KÁTŁ'ODEH (HAY RIVER) FLOOD HAZARD MAPPING STUDY

100 YEAR ICE JAM FLOOD HAZARD MAP