



REPORT

## 2025 Annual Report

*IWB Water Licence N5L8-1848  
Former Unipkat I-22 Wellsite Remediation Project  
Inuvialuit Settlement Region, Northwest Territories*

Submitted to:

**Inuvialuit Water Board**

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## List of Abbreviations

km	kilometres
IWB	Inuvialuit Water Board
m	metres
NWT	Northwest Territories
Shell	Shell Canada Limited
SQO	soil quality objectives
WSP	WSP Canada Inc.

## 1.0 INTRODUCTION

This 2025 Annual Report provides the required information in fulfillment of Water Licence N5L8-1848 (the Licence) granted by the Inuvialuit Water Board (IWB) to Shell Canada Limited (Shell). The Licence is associated with the remediation, reclamation and monitoring activities at the former Unipkat I-22 wellsite (the Site). The Site is approximately 115 kilometres (km) northwest of Inuvik in the Inuvialuit Settlement Region, Northwest Territories (NWT). The site location is presented in Figure A1 (Appendix A).

This report documents the activities conducted at the Site from 14 November 2025 (effective date of the Licence) to 31 December 2025, as per the requirements outlined in the Licence Part B: General Condition 2, items A through O.

### 1.1 Summary of Work Completed in 2025

There were no field activities at the Site between 14 November and 31 December 2025.

### 1.2 Summary of Work to be Completed in 2026

Remedial activities will begin during the winter of 2026, with the proposed following tasks.

- Personnel and equipment will be mobilized to the Site in February 2026 on the ice road extension from the Inuvik-Aklavik public ice road (Figure A2, Appendix A).
- Accommodations will be off site at a temporary self-contained camp established on the gravel pad at Camp Farewell (under IWB Water Licence N7L1-1834).
- Soil containing barite at concentrations above the site-specific soil quality objectives (SQOs) will be excavated for off-site disposal at an approved facility outside the NWT.
- Wood pilings from future remediation operational areas will be removed.
- Boreholes will be drilled for soil sampling and thermistor installation.
- The top 10 metres (m) of grout fill above the well stub will be destabilized through a combination of excavation and drilling.
- Personnel and equipment will be demobilized from the Site in April 2026 on the ice road extension from the Inuvik-Aklavik public ice road.

Summer of 2026 activities may include the following tasks.

- Personnel and equipment will be mobilized by boat or helicopter from off-site accommodations in Inuvik or at Camp Farewell.
- Limited site reconnaissance activities in preparation for the planned winter 2027 remediation activities.
- Potential mobilization and anchoring of a barge camp for use during the planned winter 2027 soil remediation.

## 2.0 PART B – 2.A FRESHWATER USAGE

There were no field activities at the Site between 14 November and 31 December 2025, and no freshwater was obtained for use at the Site.

### **3.0 PART B – 2.B SEWAGE AND GREYWATER DISPOSAL**

There were no field activities at the Site between 14 November and 31 December 2025, and no sewage or greywater was disposed of.

### **4.0 PART B – 2.C NON-HAZARDOUS WASTE STORAGE AND REMOVAL**

There were no field activities at the Site between 14 November and 31 December 2025, and no non-hazardous waste was stored or disposed of.

### **5.0 PART B – 2.D HAZARDOUS WASTE STORAGE AND REMOVAL**

There were no field activities at the Site between 14 November and 31 December 2025, and no hazardous waste was stored or disposed of.

### **6.0 PART B – 2.E WASTE TEMPORARILY STORED ON SITE AND DISPOSAL PLANS**

There were no field activities at the Site between 14 November and 31 December 2025, and no hazardous or non-hazardous waste was stored at the Site.

### **7.0 PART B – 2.F CONTAMINATED SOIL REMOVAL**

There were no field activities at the Site between 14 November and 31 December 2025, and no contaminated soil was removed from the Site.

### **8.0 PART B – 2.G CONTAMINATED WATER STORAGE AND REMOVAL**

There were no field activities at the Site between 14 November and 31 December 2025, and no contaminated water was stored or disposed of.

### **9.0 PART B – 2.H TREATED SOIL AND BACKFILL LOCATIONS**

There were no field activities at the Site between 14 November and 31 December 2025, and no treatment of contaminated soil occurred.

### **10.0 PART B – 2.I SURVEILLANCE NETWORK PROGRAM REPORT**

There were no field activities at the Site between 14 November and 31 December 2025, and no Surveillance Network Program was established.

### **11.0 PART B – 2.J RECLAMATION AND CLOSURE ACTIVITIES**

#### **11.1 Summary of 2025 Activities**

There were no field activities at the Site between 14 November and 31 December 2025.

#### **11.2 Summary of Planned 2026 Work**

Remedial activities will begin during the winter of 2026, with the proposed following tasks.

- Personnel and equipment will be mobilized to the Site in February 2026 on the ice road extension from the Inuvik-Aklavik public ice road (Figure A2, Appendix A).

- Accommodations will be off-site at a temporary self-contained camp established on the gravel pad at Camp Farewell (under IWB Water Licence N7L1-1834).
- Soil containing barite at concentrations above the site-specific SQO's will be excavated for off-site disposal at an approved facility outside the NWT.
- Wood pilings from future remediation operational areas will be removed.
- Boreholes will be drilled for soil sampling and thermistor installation.
- The top 10 m of grout fill above the well stub will be destabilized through a combination of excavation and drilling.
- Personnel and equipment will be demobilized from the Site in April 2026 on the ice road extension from the Inuvik-Aklavik public ice road.

Summer of 2026 activities may include the following tasks:

- Personnel and equipment will be mobilized by boat or helicopter from off-site accommodations in Inuvik or at Camp Farewell.
- Limited Site reconnaissance activities in preparation for the planned winter 2027 remediation activities.

## **12.0 PART B – 2.K MONITORING PROGRAMS**

There were no field activities at the Site between 14 November and 31 December 2025, and no monitoring programs were undertaken.

## **13.0 PART B – 2.L UNAUTHORIZED DISCHARGES**

There were no field activities at the Site between 14 November and 31 December 2025, and there were no unauthorized discharges.

## **14.0 PART B – 2.M SPILL TRAINING AND COMMUNICATIONS EXERCISES**

There were no field activities at the Site between 14 November and 31 December 2025, and there were no spill training and communications exercises completed.

## **15.0 PART B – 2.N MODIFICATION AND MAJOR MAINTENANCE WORK**

There were no field activities at the Site between 14 November and 31 December 2025 and there were no modifications or major maintenance work completed.

## **16.0 PART B – 2.O MODIFICATION TO MANAGEMENT PLANS**

This section summarizes any updates that were made to the Management and Monitoring Plans in 2025, since the issuance of the Licence on 14 November 2025.

### **16.1 Waste Management Plan**

No updates were made to the Waste Management Plan last approved by the IWB on 14 November 2025 (WSP 2025).

## **16.2 Remedial Action Plan**

No updates were made to the Remedial Action Plan last approved by the IWB on 14 November 2025 (WSP 2025).

## **16.3 Erosion and Sediment Control Plan**

No updates were made to the Erosion and Sediment Control Plan last approved by the IWB on 14 November 2025 (WSP 2025).

## **16.4 Permafrost Protection Plan**

No updates were made to the Permafrost Protection Plan last approved by the IWB on 14 November 2025 (WSP 2025).

## **16.5 Wildlife Management and Monitoring Plan**

No updates were made to the Wildlife Management and Monitoring Plan last approved by the IWB on 14 November 2025 (WSP 2025).

## **16.6 Emergency Response Plan**

No updates were made to the Emergency Response Plan last approved by the IWB on 14 November 2025 (WSP 2025).

## **16.7 Spill Contingency Plan**

No updates were made to the Spill Contingency Plan last approved by the IWB on 14 November 2025 (WSP 2025).

## **16.8 Reclamation, Closure and Monitoring Plan**

No updates were made to the Reclamation, Closure and Monitoring Plan last approved by the IWB on 14 November 2025 (WSP 2025).

## **17.0 REFERENCES**

### **Literature Cited**

WSP. 2025. Project Description, Soil Remediation at the Former Unipkat I-22 Wellsite. Inuvialuit Settlement Region, Northwest Territories. 26 May 2025.

## 18.0 STATEMENT OF LIMITATIONS

This report was prepared for the exclusive use of Shell Canada Limited. The report, which specifically includes all tables and figures, is based on data and information collected during the Site investigation activities conducted by WSP Canada Inc. and is based solely on the conditions of the property at the time of the field investigations, supplemented by historical information and data obtained by WSP Canada Inc. as described in this report. However, it is never possible, even with exhaustive sampling and testing, to dismiss the possibility that part of a site may be contaminated and remain undetected.

The services performed as described in this report were conducted in a manner consistent with that level of care and skill normally exercised by other members of the engineering and science professions currently practicing under similar conditions, subject to the time limits and financial and physical constraints applicable to the services.

Any use which a third party makes of this report, or any reliance on, or decisions to be made based on it, are the responsibilities of such third parties. WSP Canada Inc. accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this report.

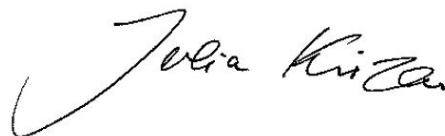
The content of this report is based on information collected during our investigation, our present understanding of the Site conditions, and our professional judgment in light of such information at the time of this report. This report provides a professional opinion and therefore no warranty is expressed, implied, or made as to the conclusions, advice and recommendations offered in this report. This report does not provide a legal opinion regarding compliance with applicable laws. With respect to regulatory compliance issues, it should be noted that regulatory statutes and the interpretation of regulatory statutes are subject to change. The findings and conclusions of this report are valid only as of the date of this report. If new information is discovered in future work, including excavations, borings, or other studies, WSP Canada Inc. should be requested to re-evaluate the conclusions of this report, and to provide amendments as required.

## Signature Page

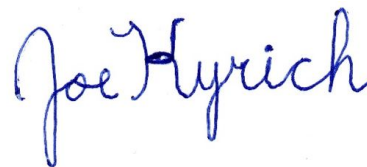
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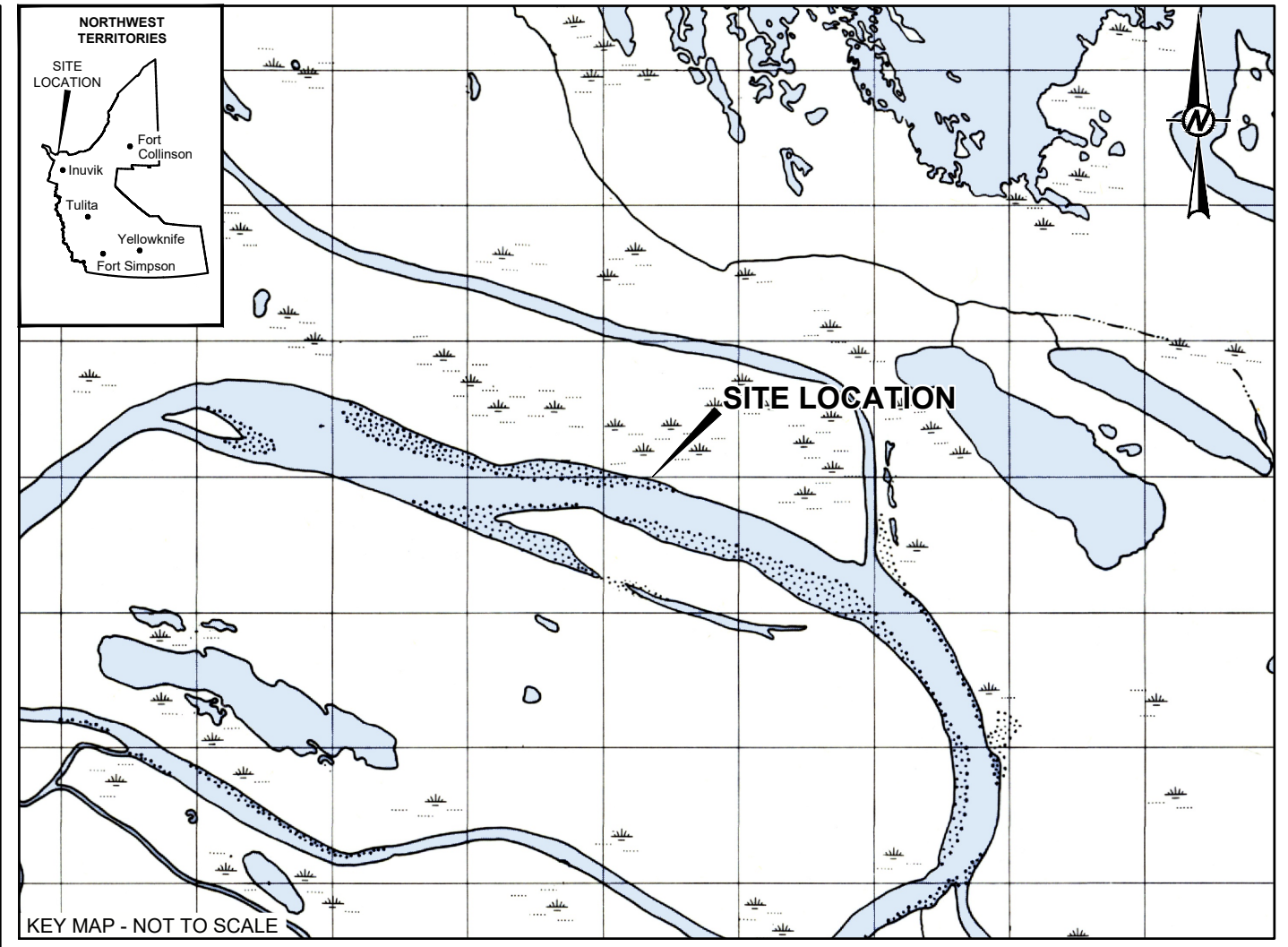
**APPENDIX A**

**Figures**

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Google earth

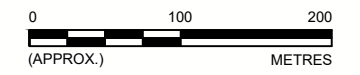


**LEGEND**

--- 2024 SHORELINE

**REFERENCE**

IMAGE OBTAINED FROM GOOGLE EARTH © 2024 GOOGLE INC. USED WITH PERMISSION. GOOGLE AND GOOGLE LOGO ARE REGISTERED TRADEMARKS OF GOOGLE INC. IMAGERY DATE: 4 JUNE 2019. GOOGLE EARTH IMAGE IS NOT TO SCALE. DATUM: NAD83, PROJECTION: UTM ZONE 8.  
 TOPOGRAPHIC MAP 107C/04 OBTAINED FROM Canmatrix. © 1958 THE ARMY SURVEY ESTABLISHMENT, R.C.E. PROJECTION: TRANSVERSE MERCATOR; DATUM: NAD27; COORDINATE SYSTEM: UTM ZONE 8. TOPOGRAPHIC MAP HAS BEEN SHIFTED FROM NAD27 TO NAD83 FOR MAPPING PURPOSES.



CLIENT  
SHELL CANADA LIMITED

PROJECT  
FORMER UNIPKAT I-22 WELLSITE  
INUVALUIT SETTLEMENT REGION, NORTHWEST TERRITORIES

CONSULTANT	YYYY-MM-DD	2026-02-17
DESIGNED	SVilleneuve	
PREPARED	SSun	
REVIEWED	JKrizan	
APPROVED	BVervoort	

TITLE  
**SITE LOCATION PLAN**

PROJECT NO.	PHASE-TASK	REV.	FIGURE
CA0059450.5095	2000-2604	0	A1

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM ANS/B



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