

Engagement Plan East Mckay I-78, NWT

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Table of Contents

INTRODUCTION	1
REGULATORY FRAMEWORK.....	1
Assessment Processes.....	1
1.1 Engagement Studies	2
1.2 Previous Engagement	2
Affected Parties Engagement.....	3
1.3 List of Identified Affected Parties	3
1.4 Ongoing Engagement.....	5
CONCLUSION.....	6
APPENDIX A: Project Survey and area maps	
APPENDIX B: Current Consultation Log	

List of Tables

Table 1: Current LUP and WL	2
Table 2: Traditional Ecological Study.....	2
Table 3: Previous Engagement Activity Documentation.....	3
Table 4: Affected Parties for the East Mackay Project Area.....	4
Table 5: Activities Requiring Engagement.....	5

INTRODUCTION

MGM Energy (“MGM”) is the operator of the I-78 wellsite, staging area and associated access. In 2014, Paramount reacquired MGM as a wholly owned subsidiary. During 2012 MGM sought and received regulatory approvals to conduct oil and gas activities at I-78.

The East Mackay I-78 project is composed of a wellsite area, access and a staging area, collectively called the Project, located in the Tulita District of the Sahtu Settlement Area (SSA), Northwest Territories (NWT). The wellsite area is located approximately 110 km southeast of Norman Wells. The staging area is located approximately 22 km north of the Wellsite Area along the banks of the Mackenzie River. The wellsite area is approximately 2.7 ha and includes a wellhead area and groundwater monitoring wells. The decommissioned staging area is a 0.80 ha parcel. The access includes approximately 13.5 km from the Norman Wells to Tulita winter road to the staging area and the previously mentioned 22km staging area to wellsite area.

In appendix A of this document is a project survey and an overview map of the area.

REGULATORY FRAMEWORK

In the SSA project area MGM historically received oil and gas approvals from the National Energy Board (NEB). With the devolution of the NWT, approvals and reporting regarding oil and gas is now the responsibility of Office of the Regulator for Oil and Gas Operations (OROGO).

The Sahtu Land and Water Board (SLWB) regulates the use of land and water and the deposit of waste through the issuance of Land Use Permits (LUPs) and Water Licences (WLs).

On June 1, 2013, the Water and Land Boards of the Mackenzie Valley, which includes the SLWB, released its *Engagement Guidelines for Applicants and Holders of Water Licences and Land Use Permits*¹, it was updated June 5, 2018. This engagement plan is designed based upon the requirements of those guidelines and the regulatory mandate of the SLWB.

Assessment Processes

The LUP and WL associated with the East Mackay project area were subject to preliminary screening by the SLWB. The screenings can be viewed at:

¹ https://mvlwb.com/sites/default/files/mvlwb_engagement_and_consultation_policy_-_nov_25_19.pdf

http://registry.mvlwb.ca/Documents/S12A-001/S12A-001%20-%20Preliminary%20Screening%20-%20July%2024_12.pdf

The original LUP and WL is provided in Table 1 below along with their public registry links.

Table 1: Current LUP and WL

Permit or Licence	Registry Link
S12A-001	https://slwb.com/registry/S12A-001
S12L1-001	https://slwb.com/registry/S12L1-001

1.1 Engagement Studies

In support and as outcomes of the above-mentioned processes a Traditional Ecological Study was undertaken regarding the project area. The Study comprised of one on one interviews conducted in Slavey and English. A variety of topics were covered including, habitat, terrain, climate and area use.

Table 2: Traditional Ecological Study

Title	Registry Link
Traditional Ecological Study December 2011	http://registry.mvlwb.ca/Documents/S12A-001/S12A-001%20-%20Appendix%201-D_TraditionalEnvironment%20Knowledge%20Study%20-%20Apr%2030_12.pdf

1.2 Previous Engagement

Extensive engagement took place with affected parties prior to MGM applying to the SLWB for the original LUP and WL to facilitate the original activities. This included a variety of engagement methods and included Indigenous governments, Indigenous communities, government departments, regulators and individuals. The Table below is a listing of MGM's previous engagement activities available on the public registry of the SLWB.

Table 3: Previous Engagement Activity Documentation

Engagement Activity	Registry Link
Open Houses in Tulita and Norman Wells November 2011	http://registry.mvlwb.ca/Documents/S12A-001/S12A-001%20-%20Appendix%201-C Consultation%20with%20Tulita%20and%20Norman%20Wells%20Nov%202011%20-%20Apr%2030 12.pdf
Open Houses in Tulita and Norman Wells March 2012	http://registry.mvlwb.ca/Documents/S12A-001/S12A-001%20-%20Appendix%201-C Consultation%20with%20Tulita%20and%20Norman%20Wells%20March%202012%20-%20Apr30 12.pdf
Meeting with Regulators February 2012	http://registry.mvlwb.ca/Documents/S12A-001/S12A-001%20-%20Appendix%201-C Consultation%20with%20Regulators%20Feb%202012%20-%20Apr%2030 12.PDF

An example of a how engagement will be documented for the upcoming applications can be found in Appendix B.

Affected Parties Engagement

As previously stated and as evident on the public registries of the SLWB the Project has a long and extensive engagement history. The level of engagement with affected parties has been and will continue to be reflective of its activity level in the area. Prior to and during construction and development activities engagement activities were more frequent and intense and included studies, community meetings, open houses, meetings with community leaders and Councils, telephone calls and both written and electronically notifications. As the activity in the Project area has declined the frequency and magnitude of engagement has followed suit. MGM is committed to ramping up engagement activities in support of its regulatory applications and subsequent activities in the project area.

1.3 List of Identified Affected Parties

MGM is starting the engagement for a new LUP and WL at East MacKay with Sahtu Land and Water Board's contact list for the Tulita District. If you would like to be removed or have an additional/alternative contacts MGM would be happy to receive that information. In Table 4 below is a list of identified affected Parties for the Colville Lake project areas:

Table 4: Affected Parties for the East Mackay Project Area

Organization	Contact	Contact Information
Deline Got'ine Government	Little , David	david.little@gov.deline.ca
Fort Norman Metis Nation Local #60 Land Corporation	Larocque, Bridget	execdirno60@gmail.com
Fort Norman Metis Nation Local #60 Land Corporation	Norwegian, Rocky	rockynorwegian@gmail.com
Fort Norman Renewable Resources Council	Resources Council, Tulita Renewable	trrc@northwestel.net
GNWT - ENR (Environment and Natural Resources)	Clancy, Patrick	patrick_clancy@gov.nt.ca
GNWT - ENR - EAM (Environmental Assessment and Monitoring)	GNWT, Central Email	gnwt_ea@gov.nt.ca
GNWT - ENR - Sahtu Region	Goose, Erin	erin_goose@gov.nt.ca
GNWT - ENR - Sahtu Region	Walker, Jeff	jeff_walker@gov.nt.ca
GNWT - ENR - Sahtu Region	McDonald, Laurel	Laurel_McDonald@gov.nt.ca
GNWT - Lands - Sahtu Region	Gillingham, Jonathan	Jonathan_Gillingham@gov.nt.ca
GNWT - Lands - Sahtu Region	Bremner, Trevor	Trevor_Bremner@gov.nt.ca
GNWT - PWNHC (Prince of Wales Northern Heritage Centre (w/in ECE))	Mackay, Glen	Glen_Mackay@gov.nt.ca
GNWT - PWNHC (Prince of Wales Northern Heritage Centre (w/in ECE))	Smethurst , Naomi	naomi_smethurst@gov.nt.ca
Hamlet of Tulita	Menacho, Bradley	sao@hamletoftulita.ca
Hamlet of Tulita	Chapple, Bill	wdcchapple@gmail.com
Norman Wells Land Corporation	Rorinon, Sean	coo@nwlc.ca
Norman Wells Renewable Resources Council	Renewable Resources Council, Norman Wells	nwrcc@nwlc.ca
Sahtu Land Use Planning Board	Weibe, Heidi	heidi.wiebe@gmail.com
Sahtu Renewable Resource Board	Director SRRB, Executive	director@srrb.nt.ca
Sahtu Secretariat Incorporated	McNeely, Charles	charles_mcneely@hotmail.com
Sahtu Secretariat Incorporated	Modeste, Orlena	ssi.ed@sahtu.ca
SLWB	Varghese, Aswathy	ash.varghese@slwb.com
SLWB	Bergsma, Bonnie	bonnie.bergsma@slwb.com
SLWB	Grandjambe, Jenna	jenna.grandjambe@slwb.com
Town of Norman Wells	Clarke, Cathy	senioradministrativeofficer@normanwells.com
Town of Norman Wells	Clerk, Town of Norman Wells	townclerk@normanwells.com

Tulita Band Council	Andrew, Frank	tdbchief@live.ca
Tulita District Land Corp.	Tulita District Land Corp, District Land Corp	district@allstream.net
Tulita Land Corporation	Tulita Land Corp, Land Corporation	assistant@tulitalandcorp.ca
Tulita Land Corporation	Tulita Land Corporation, Executive Director	executivedirector@tulitalandcorp.ca
Tulita Land Corporation	Tulita Land Corporation, President	president@tulitalandcorp.ca
Yamoga Land Corporation	Shepard, Merrill	merrill_shepard@aboriginallaw.com
Canada Energy Regulator (formerly NEB)	Notifications, COGOA	cogoa.notifications@nebonegc.ca
NWT- OROGO	de Jong, Pauline	Pauline_deJong@gov.nt.ca

1.4 Ongoing Engagement

MGM plans for East Mackay are to continue ongoing monitoring and reclamation, as well as abandonment activities prior to the OROGO deadline of March 31, 2023. Engagement activities will be dependent on the regulatory and operational activity in each year. Contemplated activities and the associated engagement are outlined in Table 5 below. The ordering of Table 5 is sequential based on projected activities over the life of a consolidated and renewed LUP and WL.

Table 5: Activities Requiring Engagement

Activity	Potential Issue(s)	Planned Engagement	Planned Engagement Follow-up
LUP Renewal	MGM's short and long-term plan for the project area	Written Notification, SLWB regulatory process	Telephone Calls, Electronic Correspondence and Meetings Upon Request
WL Renewal	MGM's short and long-term plan for the project area(s)	Written Notification, SLWB Regulatory Process	Telephone Calls, Electronic correspondence and Meetings Upon Request
Maintenance and Remediation activities	Timing and Contracting opportunities	Telephone Calls	Telephone Calls and Electronic correspondence
OROGO Authorized Oil and Gas Activities	Timing and Contracting opportunities	Written Notification	Telephone Calls and Electronic correspondence

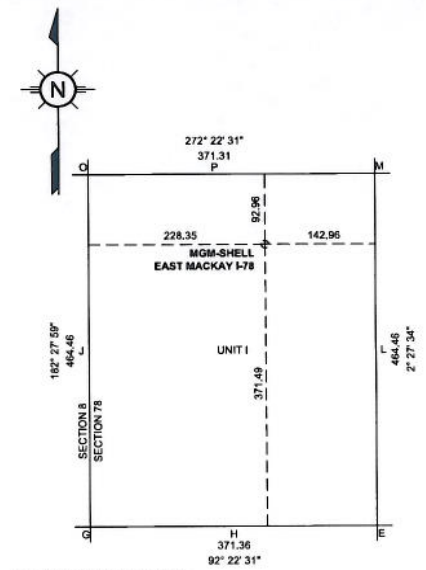
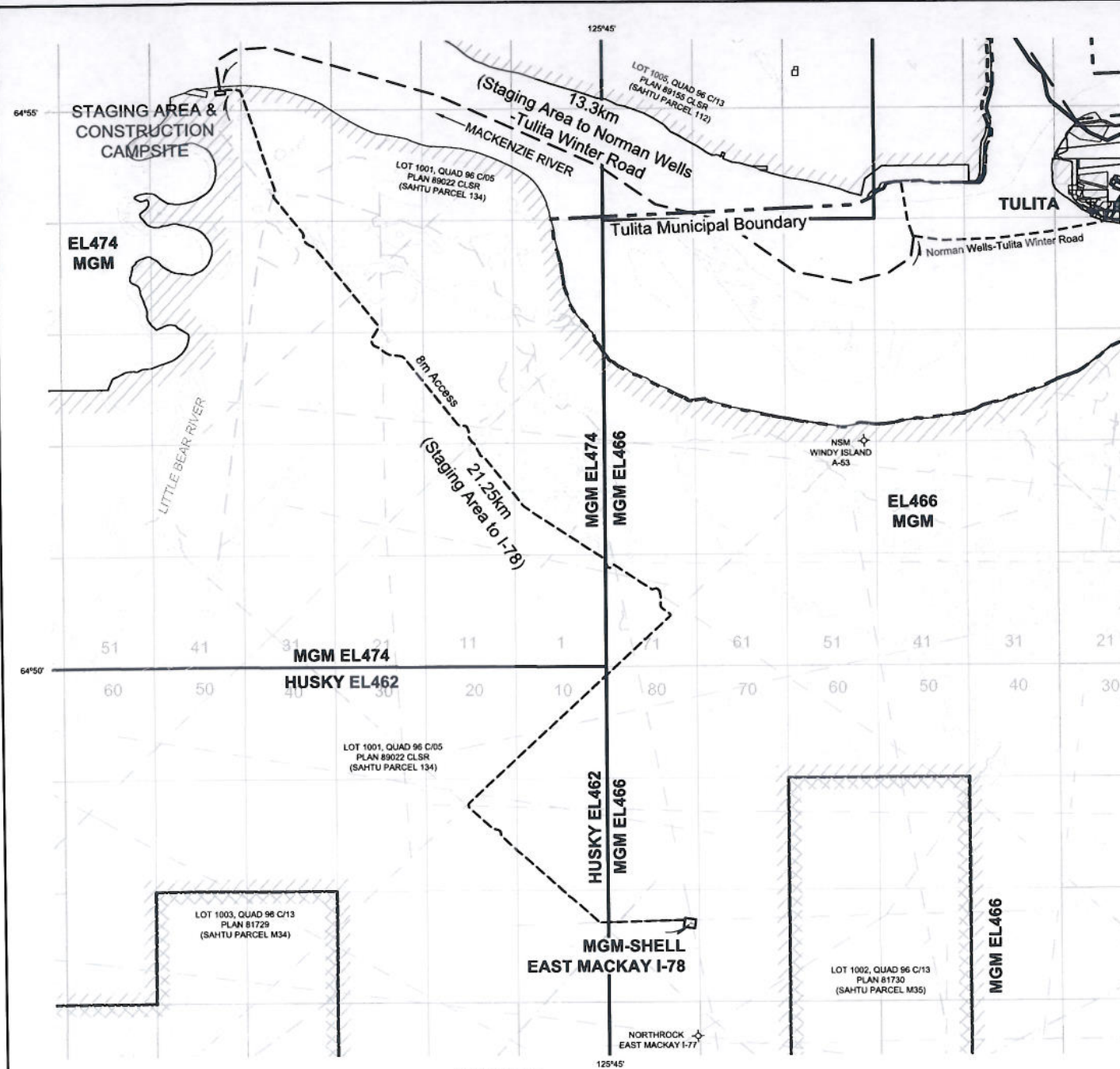
Reclamation and closure planning and activities	Timing, techniques, technology and contracting opportunities	Written Notification, SLWB Regulatory Process	Telephone Calls and electronic correspondence
LUP Term Extension and WL Term Amendment	MGM's short and long term plan for the project area(s)	Written Notification	Telephone calls and Electronic Correspondence

Ongoing engagement is expected to continue with all the affected parties identified in Table 4 unless a party asked to be removed. Further, the SLWB regulatory processes identified in the Table 5 may include additional stakeholders such as Territorial and Federal government departments.

CONCLUSION

MGM will continue to engage affected parties through the remaining life of its current and future LUPs and WLs and throughout the remaining life of the Colville Lake project. In support of regulatory submissions to the SLWB MGM will continue to provide documentation of MGM's engagement activities relating to the SLWB regulatory authority.

APPENDIX A: PROJECT SURVEY AND AREA MAPS



SURFACE UNIT DETAIL
SCALE 1 : 5000

NOTES:

- The proposed well is at least 300m from any privately owned land or structures.
- The proposed well is at least 100m from the ordinary high water mark of a permanent water body.
- The proposed well and related areas are 100m from an archaeological/historical/traditional land use site.

NO YES

☐ ☒

☐ ☒

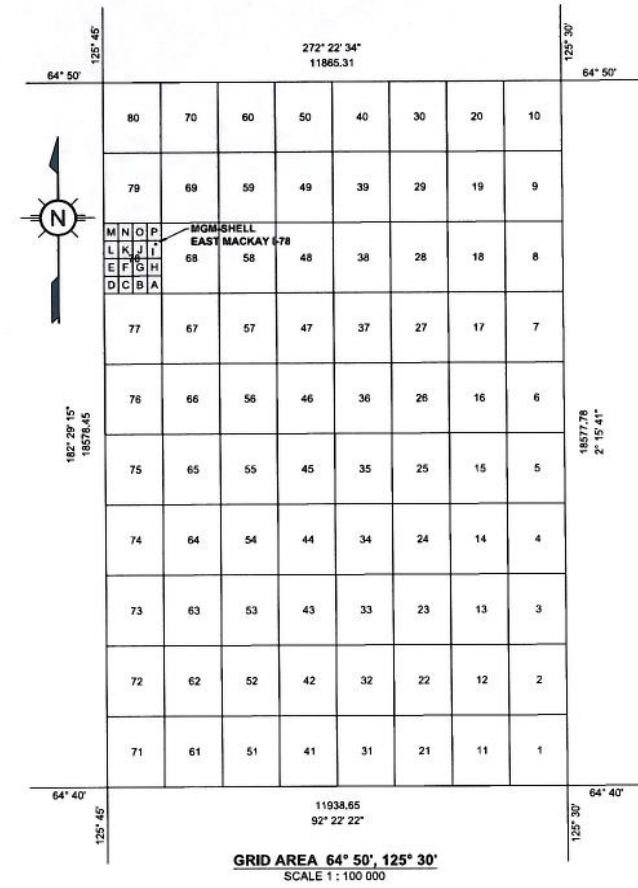
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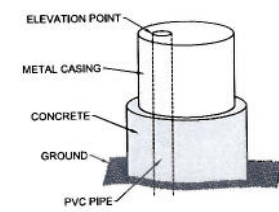
WELL SITE COVERAGE
OLD BURN
SCRUB SPRUCE, WILLOW,
TAMARACK & POPLAR

WELL SITE DETAIL
SCALE 1 : 5000

NO.	DATE	REVISION NOTES	BY
1	2012-03-26	AS-BUILT OF WELL SITE	MB
2	2012-03-26	ADDED MONITORING WELLS, PAD & FLANGE ELEVATIONS	MB
3	2012-03-26	ADDED MONITORING WELLS, PAD & FLANGE ELEVATIONS	MB
4	2012-03-26	ADDED MONITORING WELLS, PAD & FLANGE ELEVATIONS	MB
5	2012-03-26	ADDED MONITORING WELLS, PAD & FLANGE ELEVATIONS	MB
6	2012-03-26	ADDED MONITORING WELLS, PAD & FLANGE ELEVATIONS	MB



GRID AREA 64° 50', 125° 30'
SCALE 1 : 100 000



GROUND WATER WELL DIAGRAM
NOT TO SCALE

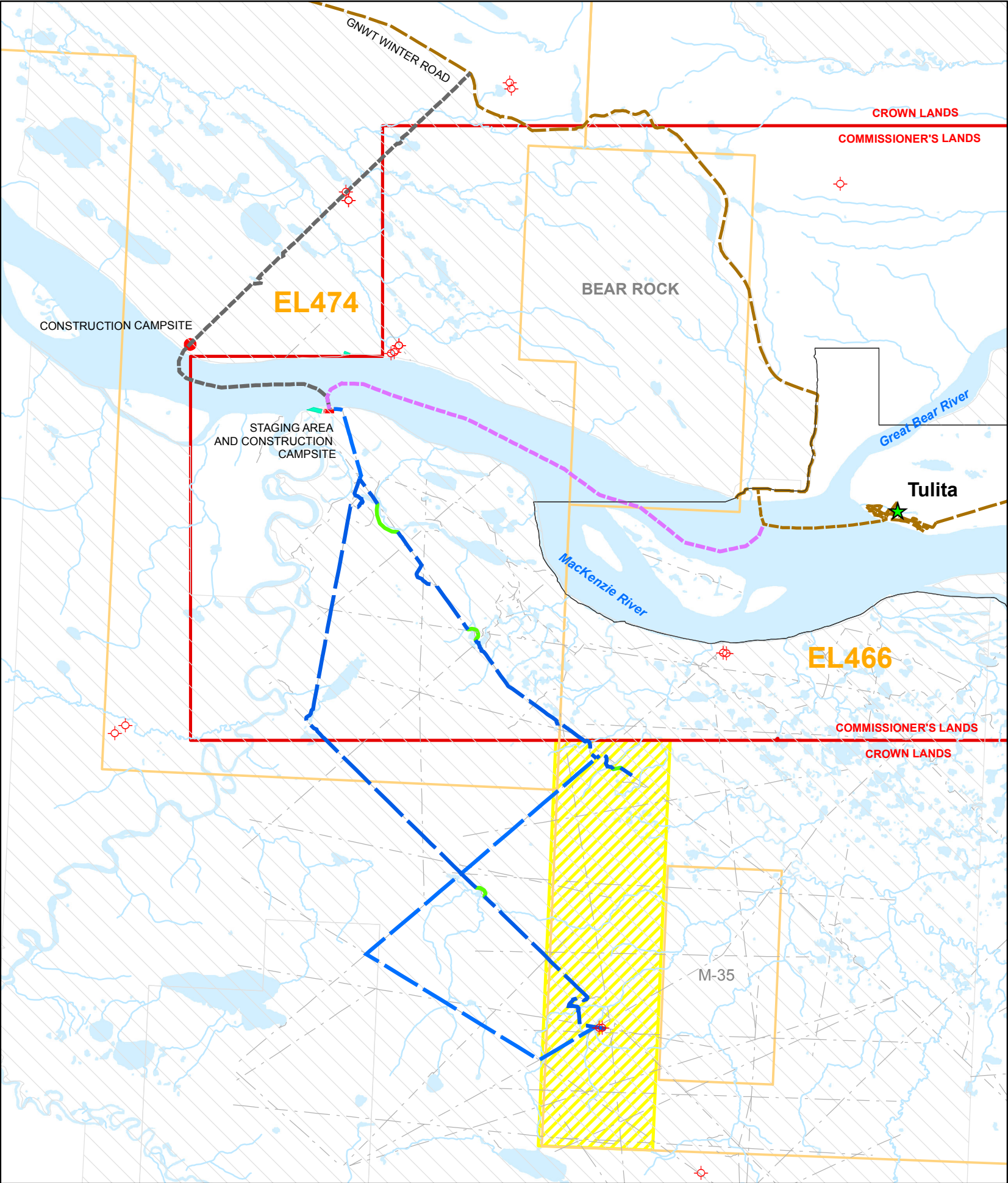


PAD DETAIL
SCALE 1 : 2000



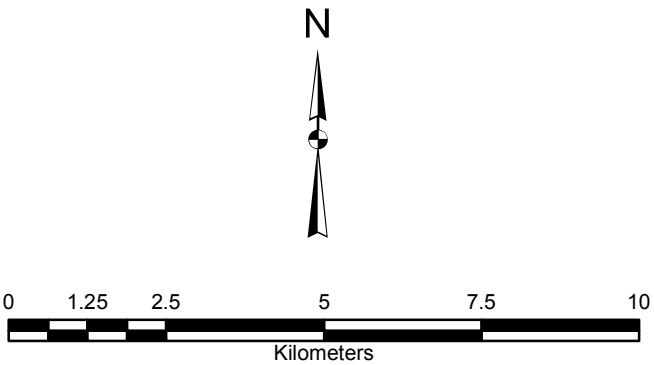
MGM ENERGY CORP.
AS-BUILT WELLSITE PLAN (MARCH 2013)
OF
MGM-SHELL EAST MACKAY I-78
IN UNIT I, SECTION 78
GRID AREA 64° 50', 125° 30'
EXPLORATION LICENCE 466
SAHTU SETTLEMENT AREA, TULITA DISTRICT
NORTHWEST TERRITORIES
2012
RON ROBINSON C.L.S.

AREAS WELL SITE = 2.70 ha. ELEVATIONS ORIGINAL GROUND AT WELL LOCATION = 155.1m PAD ELEVATION = 155.92m AT TOP OF FLANGE = 155.9m	UTM CO-ORDINATES AT WELL CENTRE NAD 27 (UTM Zone 10) N. 7188196.19 E. 370694.01 NAD 83 (UTM Zone 10) N. 7188403.92 E. 370615.72 NAD 27 (UTM Zone 9) N. 7189449.02 E. 655726.91 NAD 83 (UTM Zone 9) N. 7189648.73 E. 655635.83
SURVEY DATES AUGUST 18-19, 2012 & FEBRUARY 2-3, 2013	GEOGRAPHIC CO-ORDINATES AT WELL CENTRE NAD 27 LAT. : 64°47'42.1" N. LONG. : 125°43'18.3" W. NAD 83 LAT. : 64°47'42.4" N. LONG. : 125°43'24.7" W.
LEGEND Lands to be dealt with outlined thus Proposed MGM Access shown thus Aboriginal Surface Rights shown thus Aboriginal Sub-Surface Rights shown thus 0.25m spikes placed shown thus Ground water monitoring wells are shown thus NAD 27 UTM coordinates are converted from surveyed NAD 83 values and are derived from NRCAN Precise Point Positioning (PPP) website. Elevations are orthometric and were derived using the HTV2.0 geoid model. Bearings are UTM grid (NAD 27) Zone 10 and are referred through C.M. 123° W. Distances are in metres and decimals thereof. Contour interval is 1.0m Position of foreign wells is based on NEB records.	
OPERATOR: MGM ENERGY CORP. WITNESS RON ROBINSON CANADA LANDS SURVEYOR	
SCALE: AS SHOWN	DATE: 2012-09-17 DRAWN/CHECKED: MB/ICRR CAD NO.: 39002 ACAD NO.: 39002_I-78



Legend

- Existing Wells
- Access Option 2
- Access Option 1
- Access New Cut
- Alternative Site Access Options
- GNWT Winter Road
- Cutlines
- watercourse
- Commissioner's Lease
- Area of Interest
- Staging Area/Construction Campsite
- Commissioner's Lands Boundary
- Tulita Municipal
- MGM EL's
- Aboriginal Surface
- Water Body



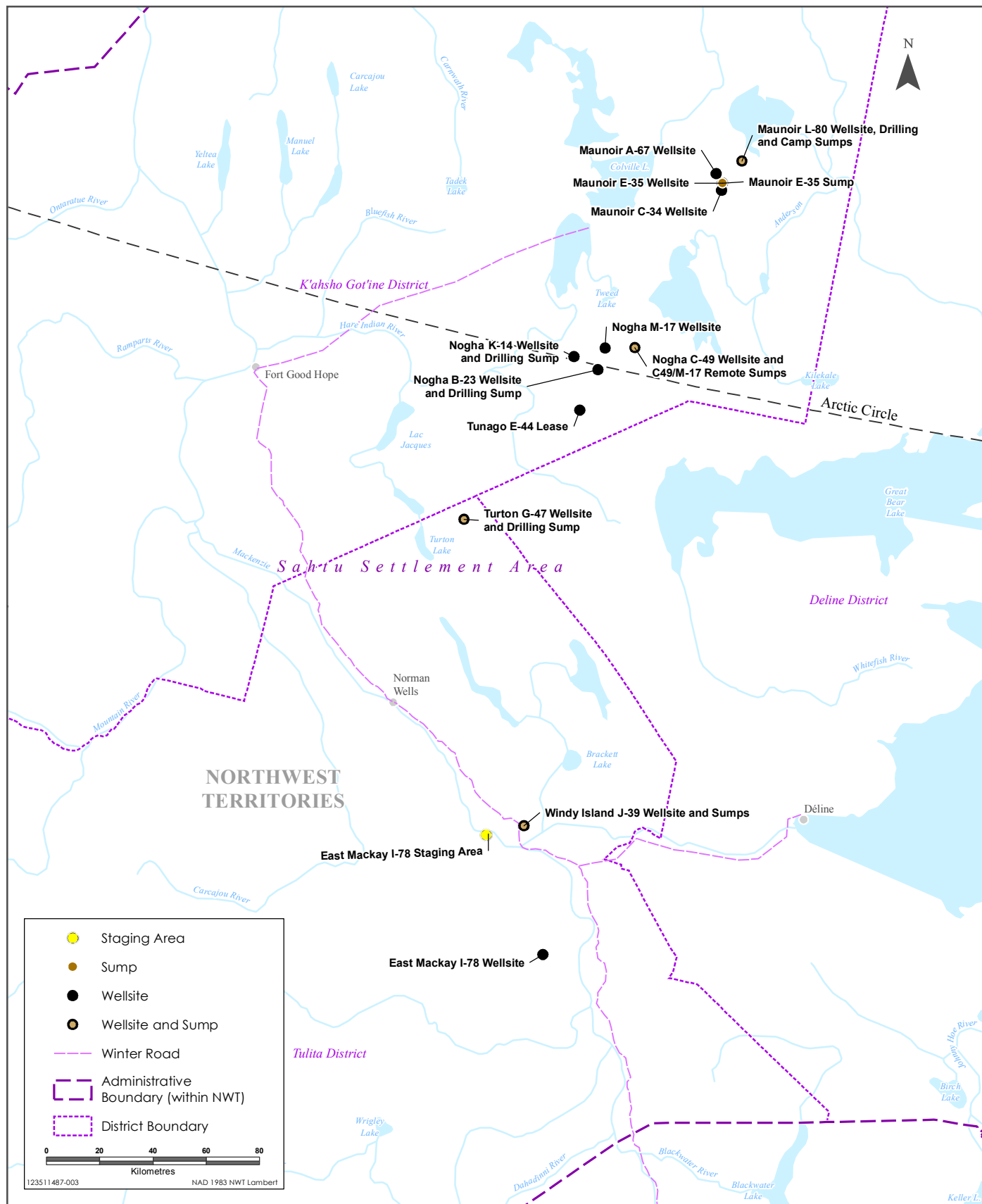
1:120,000

DOT WINTER ROAD DISTANCES		
FROM	TO	DISTANCE(km)
NORMAN WELLS	Access Option 1	80
TULITA	Access Option 1	3
NORMAN WELLS	Access Option 2	60
TULITA	Access Option 2	23
TULITA	WRIGLEY	248



MGM ENERGY CORP.
MGM EAST MACKAY
PROJECT AREA MAP

Projection: NAD83 UTM Z10
Date:26 March. 2012



Sources: Base Data - Natural Earth. Thematic Data - ERBC

Disclaimer: This map is for illustrative purposes to support this Stantec project; questions can be directed to the issuing agency.

Wellsite and Sump Locations within the Sahtu Settlement Area



APPENDIX B: CURRENT CONSULTATION LOG

Contact	Contact Method	Date	Summary of Discussion
East Mackay Distribution List	E-mail	April 13, 2021	Using a list of organizations and contacts provided by the Sahtu Land and Water Board ("SLWB") MGM Energy ("MGM") distributed a project Engagement Plan as a first step in moving towards a replacement Land Use Permit ("LUP") and Water Licence ("WL") for the project.