CONTROLLED DOCUMENT

IESP Commitment Register - Early Site Works

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Division	Regulatory Compliance
Discipline	Regulatory Management
Document Owner	Alan MacDonald
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Security Classification	CONFIDENTIAL DOCUMENT

COMMITMENT REGISTER - OVERVIEW

Definitions

A COMMITMENT is a voluntary statement of action, or a goal, offered by authorized IESPL personnel to the public, stakeholder(s) and/or regulator(s). Commitments are derived from publicly available information (e.g. corporate policies, IESPL website, public announcements, public presentations, regulatory applications including impact assessments, project descriptions, the development plan or other applications; IR responses, or letters to stakeholders).

CONDITIONS are activities or actions IESPL is legally bound to complete (e.g. from an approval issued by a regulatory agency).

Canada Energy Regulator defines conditions as: *"Conditions are legal requirements that a company must satisfy to be allowed to perform activities under an Authorization. Conditions are important tools in the responsible development of projects through all lifecycle phases (e.g., prior to and during construction, post-construction, operation and maintenance, and abandonment). Conditions create project-specific requirements that complement general statutory, regulatory, and other requirements."*

Conditions are typically delivered to IESPL from a regulator and are derived from Regulator Approvals, Permit Terms and Conditions, Orders, or other official correspondence. Conditions are normally provided in writing from the regulatory authority to IESPL.

REQUESTS are activities or actions delivered to IESPL from a stakeholder that is not a regulator. (e.g. actions that are requested by community organizations as a condition of support (or not) for the project) Requests are not legally binding in the same manner as conditions, but should be carefully considered and must be recognized and replied to by IESPL, particularly if the request is not to be implemented. Requests may result in further engagement, discussion and/or negotiation with a community or stakeholder.

In short, COMMITMENTS come from IESPL, CONDITIONS come from regulatory authorities, and REQUESTS come from community organizations or stakeholders. Collectively, commitments, conditions and requests are referred to as "Commitments" in this register. Legislation and government guidelines are important obligations that are not tracked in the Commitment Register. These documents are listed and cross-referenced with project activities in the IESPL "Legal Register".

Objective

The IESPL Commitment Register is part of the IESP Integrated Management System (IMS) to assist IESPL in meeting our legal obligations and requirements as well as our commitments to and requests from communities and stakeholders. The Commitment Register is used to ensure commitments are implemented into the appropriate part of engineering, design, planning, construction, procurement and/or operations, as required. Each commitment will be "closed out" on the Register before project phase completion, indicating that the commitment has been responsibly managed. Ongoing commitments will be tracked and regularly reviewed by Senior Management to ensure they are still appropriate and are being met.

Instructions

Initiating the Commitment Register
The Director, Regulatory Compliance with the input and support of the Community Relations Lead, and the Discipline Leads, is responsible for ensuring commitments are properly recorded into the Commitment Register. The Director, Regulatory Compliance is also responsible for ensuring that new entries are communicated to the appropriate party (e.g. the discipline lead(s) responsible for implementing a given commitment).

New entries MUST include:
1) a unique Identifier number,
2) the source of the commitment in the "Reference Documents" worksheet, including
3) page and paragraph number where possible, and,
4) the commitment, copied VERBATIM from the source.

Characterization of the commitment into TYPE, PHASE, ASPECT and RESPONSIBLE PARTY should be completed shortly following the entry and may require the support of a subject matter expert (SME) or a Division Lead. Cell entries requiring the support of an SME are highlighted in yellow until they are confirmed.

Register Maintenance and Communication
The Director, Regulatory Compliance, or designate, shall work with the Community Relations Lead, other Division Leads, Entity Leads, and/or Discipline Leads to maintain an accurate status of each commitment on the register. The register shall be updated as needed and controlled properly so only the most recent version is available in the IMS.

As the project progresses, commitments may become obsolete or may not be feasible to implement within the project. The Commitment Register is used to track the status of all commitments including rationale for those commitments that become obsolete or are not feasible. These changes in status are tracked in the Commitment Register.
As required by the CER, the Commitment Register is reviewed and submitted to the CER quarterly. The review involves an update of status of conditions and commitments. Any conditions or commitments that are implemented and closed are "blacklined" with strike-through font.

Audit and Evaluation
The Commitment Register will be audited annually. Specific items to be audited include:

Consolidations
Accuracy of descriptions, characterizations, and assignment of responsible leads
Source description
Evidence of communication completeness
Closures and implementation

Management Review and Continual Improvement
The Commitment Register will be reviewed by the Senior Management Team and approved by the IESPL President at an agreed frequency for the project. After each review and approval the signed Commitment Register will be converted to PDF and saved while updates will continue in the live register. The "live" version of the Commitment Register is located in the IMS at this link:

Integrated Management System - REGISTERS - All Documents (sharepoint.com)

Inuvialuit Energy Security Project

Summary of Reference Documents Relevant to Early Site Works

Updated: 2025-01-15

Submitted to CER 2025-01-15

CER Source	Document Owner	File Name	Document Type	Document Title	Source Date / Revision
1	IESPL	PD Appendix 6 - Letters of Support and Community Meeting Attendees	Application Appendix	Community Meeting Attendees & Letters of Support: Appendix 6	2020-09-28
2	EISC	2021-01-25 EISC to IPC EISC Decision Letter 09-20-04 11 (17)(b) w Recommendations	Approval	EISC Letter to IPC Decision Letter Re: Development and Production of the M-18 Gas Well	2021-01-25
3	IESPL	IESP Development Plan-Part One-July 9 2021	Application	IESP Development Plan Part One	2021-07-09
4	IESPL	IESP Development Plan-Part One Covering Letter 09 July 2021	Letter	IESP Development Plan Part One - Covering Letter	2021-07-09
5	IESPL	IESP Development Plan Part Two - Resource Management Plan 09 July 2021	Application	IESP Development Plan Part Two - Resource Management Plan	2021-07-09
8	IPC	2021-04-28 IPC Letter to CER_GNWT Waiver of Benefits Plan w/ attachment	Approval	IPC-GNWT Waiver of Benefits Plan under OGOA17(2)	2021-04-28
9	CER	2021-08-09 C14386-1 Commission Letter IPC IESP Notice of Hearing and Registration to Participate	Letter	IPC Proposed IESP Development Plan Application - Notice of Hearing and Registration to Participate	2021-08-09
10	IPC	IPC Response to Commission IR No.2 for IPC Development Plan Approval	IR Response	Attachment to Commission Letter - IPC Application for 2021 Development Plan Approval	2021-12-01
11	IPC	2021-12-06 IPC Response to CER_CER IR No.1 for Deviation Requests	IR Response	Application for Regulatory Deviations_IPC Response to CER IR. No.1	2021-12-06
13A	CER	2022-03-08_C18065-1 CER Letter to GNWT-Transmission of Decision regarding IPC's application for a Development Plan for the IESP-A8C4J7	Approval	Letter Decision re: Transmission of Decision regarding IPC application for a Development Plan for the IESP (includes link to CER full document)	2022-03-08
14	CER	2022-11-18 IESPL to CER IESPL Response to Information Request No.1 ESW	IR Response	Information Request Response to Information Request No.1 (ESW OA)	2022-11-18
15	CER	2022-11-18_IESPL Response to CER Information Request No.1 Well Workover	IR Response	Information Request Response to Information Request No.1 (Well Workover OA)	2022-11-18
16	CER	2023-01-27 IESPL Response to CER Information Request No.2 ESW IFRR	IR Response	Information Request Response to Information Request No.2 (ESW OA)	2023-01-27
17	IESP	2023-01-27 IESPL Response to CER Information Request No.2 WW IFRR	IR Response	Information Request Response to Information Request No.2 (Well Workover OA)	2023-01-27
18	IESP	IESP-CORP-REG-120 Application for Early Site Works OA-FINAL	Application	Application for Operations Authorization Inuvialuit Energy Security Project - Early Site Works Phase	2023-03-29
19	CER	2023-04-07 IESPL to CER Response to IR No. 3	IR Response	Information Request Response to IR No.3 Energy Centre OA	2023-04-07
20	CER	2023-04-07 IESPL to CER Response to IR No.4 ESW and WW IFRR	IR Response	Information Request Response to Information Request No. 4 (ESW and WW OAs)	2023-04-07
21	IESPL	2023-04-04 IESPL to CER Response to IR No.5	IR Response	IESPL Response to CER IR No. 5 - Proposed Changes to IESP Development Plan	2023-04-04
22	CER	Letter Decision (ESW OA)	Approval	CER Letter Decision - ESW OA	2023-06-28
23	DFO	Letter Decision	Letter	20-HCAA-02170 RE: Proposed new clear-span bridge	2020-10-30
31	IESPL	OA Application for the Well Workover	Application	Application for Operations Authorization Inuvialuit Energy Security Project - Well Workover Phase	2022-07-29
32	IESPL	IESP EPP_Rev 4.2	EPP Final	Environmental Protection Plan Revision 4.2	2023-09-05
34	CER	C26235-2 IR Response to Condition 8 - IR No.1 - A8S6X4	IR Response	Information Request Response to Condition 8 - Information Request No.1	2023-09-18
36	CER	C27705-1 2023-12-15 IESP Ltr to CER ESW Condition 11 IR1-A8V2T2	Letter	IESP Early Site Works Operations Authorization Condition 11 – Information Request No. 1	2023-12-15
37	CER	C27353-1 2023-11-20 IESPL Response to CER ORCA ESW OA Condition 14 - IR No.1 - A8U6X0	IR Response	Information Request Response to IR No.1 (ESW OA Condition 14)	2023-11-20
39	IESPL	Waste Management Plan IR 8 Changes_Level1Sched	IR#8 Changes	Environmental Protection Plan Revision 5.2 (Table 4)	2024-01-09
40	IESPL	2022-03-15 IESP Technical Memo to CER IESP Spring Freshet ESC Plan for Access Trail and M-18 Sump Rev.1	Technical Memo	Spring Freshet ESC Plan for Access Trail and M-18 Sump Cap Inuvialuit Energy Security Project (IESP), NT	2022-03-15
41	CER	ESW OA-Condition 15-Information Request No.3 RegDocs Filing: C30828	IR Response	ESW OA - Condition 15 - Information Request No. 3	2024-07-26

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CER Source	Document Owner	File Name	Document Type	Document Title	Source Date / Revision
42	CER	ESW OA-Condition 15 Information Request No.2 RegDocs Filing C29340	IR Response	ESW OA-Condition 15 Information Request No.2	2024-04-26
44	CER	WW OA-Condition 5-Information Request No.1 RegDocs Filing C28064	IR Response	WW OA - Condition 5 - Information Request No.1	2024-01-19
45	CER	WW OA-Information Request No. 1-Condition 6 RegDocs Filing: C27963	IR Response	WW OA - Condition 6 - Information Request No. 1	2023-12-22
46	CER	ESW OA-Condition 15-Information Request No. 4 RegDocs Filing C31765	IR Response	ESW OA - Condition 15 - Information Request No. 4	2024-10-23
47	CER	ESW OA-Condition 15-Information Request No. 5 RegDocs Filing C31905	IR Response	ESW OA - Condition 15 - Information Request No. 5	2024-10-31
48	CER	ESW OA-Condition 15-Information Request No. 6 RegDocs Filing C32811	IR Response	ESW OA - Condition 15 - Information Request No. 6	2024-12-17
END OF DOCUMENT TO DATE					

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	1		**Refer to Conditions Worksheet**					
~~34~~	~~2~~	~~Sec.13~~	~~In order to avoid significant impacts during operations, the Proponent shall develop an Adaptive Management Plan that features a tiered proactive response to unanticipated impacts on site.~~	~~**Commitment**~~	~~All Phases~~	~~Environmental Mgmt~~	~~Environmental~~	~~Implemented and Closed~~
	2		**Refer to Conditions Worksheet**					
53	3	Pg.214 Para.1	During the short summer period, if roads become dry, dust suppression measures will be applied 50m either side of the access road stream crossing to minimize this impact. The GNWT Dust suppression guidelines will be followed. An ambient dust monitoring program will be in place during summers to provide timely information. Management strategies will be adapted based upon the findings of the monitoring, to ensure dust impacts from the access road are minimized.	**Commitment**	All phases	Air Quality	HSSE Lead	Life of Project
~~56~~	~~3~~	~~Pg.231 Table23 Row 1~~	~~Through the Inuvialuit Land Administration, MACA and the Hamlet of Tuktoyaktuk, IPC will pursue a coordinated and cooperative approach to gravel sourcing.~~	~~**Commitment**~~	~~ESW~~	~~Borrow~~	~~Construction Contractor~~	~~Implemented and Closed~~
57	3	Pg.35 Para.6	IPC is committed to engaging in discussions (with governments, energy producers, the service sector, community leaders, customers and energy consumers) that will contribute to climate policy that is predictable, transparent and provides incentives for lower emitting technologies.	**Commitment**	All phases	Climate/GHGs	HSSE Lead	Life of Project
58	3	Pg.3 Para.3	IPC will continue engagement throughout the planning, construction, commissioning, operations, and decommissioning phases.	**Commitment**	All phases	Community	Community Relations	Life of Project
59	3	Sec.1.2.2.2 Para.2	Reduce the costs of heating and fuel to help local residents and to attract business and investment to the region.	**Commitment**	All Phases	Community	Corporate	In Progress
60	3	Pg.35 Para.3	IESP will be a safe, compliant, environmentally sound, quality controlled, fit-for-purpose, cost-effective project that provides economic and social benefits to Inuvialuit beneficiaries, local residents, and businesses.	**Commitment**	All phases	Community	Corporate	Life of Project
61	3	Pg.35 Para.4	IPC expects that local communities, people, and businesses will be long term partners and advocates for the project, ensuring the project's success for decades to come.	**Commitment**	All phases	Community	Community Relations	Life of Project
62	3	Pg.35 Para.5	The IESP will always consider the needs of the current and future generations in decision making and activity. This approach will involve ongoing consultation to determine stakeholder needs and expectations, through ongoing monitoring of potential impacts; and through ongoing assessment of risk and opportunity to improve the Project.	**Commitment**	All phases	Community	Community Relations	Life of Project
63	3	Pg.35 Para.6	The IESP will promote and advance a corporate culture that provides a safe and healthy workplace (including physical, psychological, and social wellbeing)	**Commitment**	All phases	Community	Community Relations	Life of Project
64	3	Pg.44 Para.3	Engagement is ongoing and will continue throughout the project life.	**Commitment**	All phases	Community	Community Relations	Life of Project
65	3	Sec.11.3.2 Para.2	To maintain the confidence of personnel and contractors, IPC will promote and maintain open lines of communication with project stakeholders.	**Commitment**	All phases	Community	Community Relations	Life of Project
66	3	Sec.12.3.1.1 Para.3	Through all stages of the Project, IPC will continue close collaboration and meaningful engagement with the local communities. Through this approach, IPC will seek to identify and resolve concerns and to improve the IESP based on the advice and innovative ideas contributed through a collaborative approach.	**Commitment**	All phases	Community	Community Relations	Life of Project
~~67~~	~~3~~	~~Pg.212 Para.7~~	~~IPC has initiated meetings with all the aforementioned (stakeholder) groups and will be updating the WMMP accordingly.~~	~~**Commitment**~~	~~All phases~~	~~Community~~	~~Community Relations~~	~~Implemented and Closed~~

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68	3	Sec.13.4.3 Para.2	The IESP will ….contribute to the enhancement of the local hospitals, fire departments and other services in Tuktoyaktuk and Inuvik.	**Commitment**	All phases	Community	Community Relations	Life of Project
69	3	Sec.13.4.6 Para.2	IPC intends to work in a cooperative and collaborative manner with the Hamlet of Tuktoyaktuk in all respects. Based upon extensive discussions to date, IPC does not expect the Project to create any significant or residual impacts to the community structure or services. Nevertheless, the Project team will communicate, plan, and coordinate with the various local services and infrastructure providers regularly, through the life of the Project, so that any strains on demand are mitigated quickly.	**Commitment**	All phases	Community	Community Relations	Life of Project
70	3	Sec.13.4.7	…effective mitigation (of substance abuse) will be a serious consideration, requiring a collaborative effort. The single most important mitigation strategy focuses on controlling substance abuse, and this will require initiatives by the project proponent, the GNWT and local communities. Mitigation measures that will be implemented by IPC include: • Enforcing policies for drug and alcohol-free workplaces on work sites, including travel to and from the south. • Educating local youth about employment policies and the opportunities and benefits from saying no to drugs. • Supporting long-term employees who may need support or time for personal challenges such as loss of a family member, care for an aging parent, divorce, or mental health challenges• The IESP will provide a robust benefits package for employees that includes disability insurance, health and dental coverage, personal spending, and life insurance. • Meeting regularly with Hamlet and GNWT social service workers to identify opportunities to help, how to best collaborate, and to facilitate adaptive management measures for addressing problems in a workable and appropriate manner.	**Commitment**	All phases	Community	Community Relations	Life of Project
~~71~~	~~3~~	~~Sec.13.4.7.1 Para.3~~	~~IPC will be developing a detailed Health and Wellness Plan based upon the most current science and availability of effective vaccines prior to the mobilization of personnel from outside of the Beaufort-Mackenzie Region. The plan will reference and consider the most recent guidance from IRC, local communities, the GNWT, the federal government and the World Health Organization (WHO).~~	~~**Commitment**~~	~~All phases~~	~~Community~~	~~Community Relations~~	~~No Longer Applicable~~
~~72~~	~~3~~	~~Sec.13.4.7.1 Para.4~~	~~IPC will comply with all applicable laws and restrictions to protect human health during the project. IPC will look at other camp providers from elsewhere in Canada for lessons learned to minimize the risk of infection outbreak. The mobilization of any personnel from the south will follow existing quarantine rules.~~	~~**Commitment**~~	~~All phases~~	~~Community~~	~~Community Relations~~	~~No Longer Applicable~~
~~73~~	~~3~~	~~Sec.13.4.7.2 Para.1~~	~~The community has expressed a potential need to be able to cross the access road on an ATV or snowmobile for harvesting purposes. IPC has no objection to that and has committed to providing information to the community and the THTC to allow safe crossing of the road.~~	~~**Commitment**~~	~~All phases~~	~~Community~~	~~Community Relations~~	~~Implemented and Closed~~
74	3	Sec.13.4.7.3 Para.2	IPC will work collaboratively with the Inuvialuit Education Society and sub-contractors to encourage youth to stay in school.	**Commitment**	All phases	Community	Community Relations	Life of Project
75	3	Sec.1.2.2.2 Para.2	Replace the Ikhil gas well and provide long-term energy security to local communities.	**Commitment**	All phases	Community	Corporate	In Progress

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76	3	Pg.239 Para.1	IPC remains committed to ongoing collaboration and consultation with local harvesters and other traditional land users. IPC is committed to adaptive management and the regular review of all management plans with the goal that the project will have negligible to minimal impacts to traditional land use in the Project Area.	**Commitment**	All phases	Community	Community Relations	Life of Project
~~77~~	~~3~~	~~Sec.13.3.7 Para.2~~	~~Detailed drainage plans will be developed to maintain continued drainage flows and thermal degradation from ponding does not occur. Culverts will be built throughout the access road to make sure drainage is not impeded. The access road and facility pads are distanced from the water bodies and existing drainage, except for the creek crossing at KM 2.2. ... a bridge will be placed on piles over this creek crossing. Most of the proposed access road route is along a previously disturbed route that was used for the 2001 drilling program, thereby further minimizing soil and permafrost disturbance in the area.~~	~~**Commitment**~~	~~All phases~~	~~Drainage~~	~~Civil/Structural~~	~~Implemented and Closed~~
~~78~~	~~3~~	~~Sec.11.5 Para.1~~	~~An ERP for the IESP will be developed and maintained to address potential situations requiring any potential emergency actions. It will also be filed, as required, with our Operations Authorization application.~~	~~**Commitment**~~	~~All phases~~	~~Emergency Mgmt~~	~~Regulatory~~	~~Implemented and Closed~~
79	3	Pg.189 Para.2	IPC will review and update the ERP regularly as necessary using well-established methodologies such as HRVCA, (Hazard, Risk, Vulnerability, and Capability Assessment) to identify potential emergency scenarios; to remain consistent with regulations and CSA standards; and to reflect organizational and governmental changes and requirements.	**Commitment**	All phases	Emergency Mgmt	Senior Management Team	Life of Project
80	3	Sec.13.4.6 Table 23 Row 6	IPC will work closely with the RCMP in the event of an emergency or incident requiring police attention.	**Commitment**	All phases	Emergency Mgmt	Senior Management Team	Life of Project
81	3	Sec.13.4.6 Table 23 Row 2	IPC will work closely with the Tuktoyaktuk Fire Department (TFD) in the event of an emergency or incident requiring fire responders and/or firefighting equipment.	**Commitment**	All phases	Emergency Mgmt	Senior Management Team	Life of Project
~~82~~	~~3~~	~~Pg.31 Para.3~~	~~As per OGOA, the Operations Authorization application will provide detailed plans for Safety, Environmental Protection and our Integrated HSEQ (Health, Safety, Environment and Quality) Management System.~~	~~**Commitment**~~	~~All phases~~	~~Environmental Mgmt~~	~~Regulatory~~	~~Implemented and Closed~~
~~83~~	~~3~~	~~Sec.13.3.4 Para.7~~	~~Mitigations to protect fish and surface water will include: • Winter construction work to prevent impacts to fish, fish habitat or water quality. • Construction of a bridge rather than culvert over the unnamed stream. • GNWT guidelines for road access will be applied to all contractors to mitigate siltation, erosion issues, permafrost disturbance, etc • Dust suppression based on NWT Guidelines will be applied to minimize dust in the summer from truck traffic. • Dust monitoring and adaptive management. • A section of the stream that does have gravel substrate has been mapped and will be avoided. • All vehicle traffic crossing the bridge will be limited to a 30 km/hour speed limit. • No spills will enter a waterway at any time – comprehensive spill response plan will be in place.~~	~~**Commitment**~~	~~All Phases~~	~~Fish~~	~~Environmental~~	~~Implemented and Closed~~

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84	3	Pg.215 Para.3	The FJMC raised concern regarding impacts to fisheries. The EISC considers this addressed through additional mitigation and monitoring." IPC remains committed to addressing the concerns of the FJMC throughout the project life cycle.	**Commitment**	All phases	Fish	HSSE Lead	Life of Project
85	3	Pg.181 Para.1	IPC is committed to providing and consistently maintaining a safe and healthy workplace for all employees, customers, partners, contractors, and suppliers. As the IESP advances through engineering and pre-construction planning, and as ongoing input is received through community engagement and regulatory reviews, IPC's HSEQ MS and our health, safety, environmental protection, and contingency plans will be revised and updated as needed.	**Commitment**	All phases	Health & Safety	IMS Sharepoint	Life of Project
~~86~~	~~3~~	~~Sec.11.2.1. Para.1~~	~~The HSEQ policy will describe IPC's intentions and goals for health, safety, environmental performance, and quality. The policy will define the primary HSEQ requirements in implementing and operating the IESP.~~	~~**Commitment**~~	~~All Phases~~	~~Health & Safety~~	~~HSSE Lead~~	~~Implemented and Closed~~
87	3	Sec.11.2.1. Para.2	• ensure that all employees and contractors understand that working safely is a condition of employment, and that they are responsible for their own safety and the safety of others • manage all projects, products, and processes through their life cycles in a way that protects safety and health and minimizes impacts on the environment • provide employees with the capability, knowledge, and resources necessary to instill personal ownership and motivation to achieve HSEQ excellence • provide relevant HSEQ information to contractors, and require them to prove proper training for the safe and environmentally sound performance of their work scope • measure, audit and report HSEQ performance and maintain open dialogue with stakeholder groups and with communities within which it operates • maintain a secure work environment to protect its employees and contractors and corporate assets from risks of injury, property loss or damage resulting from hostile acts • communicate its commitment to this policy to its subsidiaries, affiliates, and contractors, and to governments worldwide, and seek their support • ensure that IPC's Emergency Response Plan (ERP) and Contingency plans are documented, reviewed regularly, practiced, maintained, and communicated in accordance with industry best practices, OGOA requirements and regulations as required by governments with jurisdiction.	**Commitment**	All phases	Health & Safety	HSSE Lead	Life of Project
88	3	Sec.11.2.3 Para.1	IPC will have an HSEQ committee for addressing HSEQ matters, including health and safety matters that apply to the workplace as required under Canada Labour Code, Part II, Occupational Health and Safety, Workplace Health and Safety Committee, Section 135.	**Commitment**	All phases	Health & Safety	Corporate	Life of Project

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89	3	Sec.11.2.3 Para.2	IPC's HSEQ committee will have responsibilities which include but are not limited to: • Participating in the development, implementation, and monitoring of a program for the prevention of hazards in the workplace that also provides for the education of employees in HSEQ matters related to those hazards. • Participating in the inquiries, investigations, studies, and inspections pertaining to the health and safety of employees, including any consultations that may be necessary with persons who are professionally or technically qualified to advise the committee on those matters. • Ensuring that adequate records are maintained on accidents, incidents, injuries, and hazards relating to the health and safety of employees, or any other aspect of HSEQ, and regularly monitor data relating to those accidents, incidents, injuries, and hazards. • Shall consider and evaluate any complaints relating to HSEQ, and particularly the health and safety of personnel or the community. Regular review of manuals and forms, assessment of statistical data, review of audit and inspection results, evaluating opportunities for program improvement, and recommending corrective actions.	**Commitment**	All phases	Health & Safety	Corporate	Life of Project
90	3	Sec.11.2.3 Para.1	This committee will be briefed regularly and include, as a minimum: • A corporate executive or management representative • Technical advisors as needed • A representative from supervisors • A representative from workers, at least as many as required under the Canada Labour Code • Contractor representatives, by invitation only, as needed.	**Commitment**	All phases	Health & Safety	Corporate	Life of Project
91	3	Sec.11.2.3	Minutes from the HSEQ meetings will be documented and posted for all personnel within one week of the meeting.	**Commitment**	All phases	Health & Safety	HSSE Lead	Life of Project
92	3	Sec.11.3 Para.2	During all project phases, IPC will apply all components of its corporate HSEQ system as well as instilling its HSEQ principles and Core Values on a continual basis.	**Commitment**	All phases	Health & Safety	HSSE Lead	Life of Project
93	3	Sec.11.3 Para.2	If procedures or systems fails to meet a specific site requirement, the HSEQ Committee will collaborate with affected stakeholders and undertake amendment to systems/processes and procedures prior to the commencement of affected work.	**Commitment**	All phases	Health & Safety	Corporate	Life of Project
94	3	Sec.11.3.2	IPC is committed to providing: • A safe and healthy workplace • A workplace that is free of harassment and violence • Worksite orientations for all personnel, visitors, and contractors • Processes that select only qualified, trained, and competent personnel for work on site • Processes that verify all equipment used on site remains operational, maintained, and are properly operated within specifications of manufacturers and governmental requirements. • Opportunity and support for personnel and contractors to exercise their three workplace rights: - Right to refuse unsafe work - Right to participate - Right to know • Personal Protective Equipment and clothing for its personnel.	**Commitment**	All phases	Health & Safety	Corporate	Life of Project

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95	3	Sec.11.4	To verify that the HSEQ program remains effective and current, IPC intend to: • Complete regular audits (using both internal and external auditors) of the program. • Establish, review, maintain, and communicates corporate KPIs (Key Performance Indicators) for HSEQ • Conduct worker competency assessments / evaluations. • Complete a variety of facility, equipment, worker, and contractor inspections, audits, management site visits and observations at various frequencies. • Investigates all near misses, hazard IDs, incidents, and public complaints/ concerns.	**Commitment**	All phases	Health & Safety	Regulatory	Life of Project
96	3	Sec.11.4.2 Para.1	Records and reports will be maintained in a manner that provides for easy reference allowing supervisors, managers, and the HSEQ Committee to monitor the effectiveness of HSEQ management programs and to reinforce HSEQ program objectives.	**Commitment**	All phases	Health & Safety	IMS Sharepoint	Life of Project
97	3	Sec.11.4.2 Para.2	HSEQ records will include but are not limited to: • HSEQ meeting records • Incident investigation reports • First aid treatment reports • Task inventories and hazard assessments • Training, qualification and competency requirements and associated worker certifications • Work site inspection and audit records • Governmental audits and inspections • Fitness for duty records and associated worker health assessment records • Governmentally required product release and injury reports.	**Commitment**	All phases	Health & Safety	IMS Sharepoint	Life of Project
98	3	Sec.11.4.2 Para.5 & 6	IPC will maintain all records and reports required by government regulators and file them, as necessary, in accordance with the required timeframes established by the governing legislation. The operations department will maintain records of program activities allowing for continual evaluation of program effectiveness. Program records will include but not be limited to: • Vehicle and equipment maintenance, repair, performance, and inspection records • Tail gate meeting reports and HSEQ meeting minutes • Daily equipment and work site inspection reports • Contractor qualification and performance documents • Site and facility security access device distribution records • TDG Shipping papers and “bills of lading” • Governmentally required equipment and vehicle inspection reports • Environmental monitoring and/or sampling reports • Wildlife encounter reports • Environmental incident reports • Quality inspection reports • Emission and waste management records	**Commitment**	All phases	Health & Safety	IMS Sharepoint	Life of Project
99	3	Sec.11.4.3 Para.1	HSEQ related records and reports retained by various departments will be regularly reviewed by the HSEQ Committee or a committee-assigned person(s) and utilized to generate statistical data related to overall program performance, corporate expectation, industry standards, as well as governmental compliance.	**Commitment**	All phases	Health & Safety	Corporate	Life of Project

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Summary of Commitments Relevant to Early Site Works

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100	3	Sec.11.4.3 Para.2	IPC will collect the operations information necessary to track its performance metrics (or KPIs) which identify trends, areas of strength, weakness, and opportunity. Statistic reviews will also be used to adapt, modify, or establish KPIs, goals, and corporate policies and procedures.	**Commitment**	All phases	Health & Safety	IMS Sharepoint	Life of Project
101	3	Sec.11.4.3 Para.4	HSEQ statistics will be reviewed by senior management and communicated to all staff and employees regularly.	**Commitment**	All phases	Health & Safety	Corporate	Life of Project
106	3	Pg.181 Para.1	IPC is committed to providing and consistently maintaining a safe and healthy workplace for all employees, customers, partners, contractors, and suppliers. As the IESP advances through engineering and pre-construction planning, and as ongoing input is received throught community engagement and regulatory reviews, IPC's HSEQ MS and our health, safety, environmental protection, and contingency plans will be revised and updated as needed.	**Commitment**	All phases	Health & Safety	IMS Sharepoint	Life of Project
107	3	Sec.11.2.1	The HSEQ Policy will include IPC's commitments to protecting the health and safety of everyone who has a part in the IESP, lives in the communities in which it operates, or uses the products we produce. To meet its commitment, IPC intend to: • demonstrate visible and active leadership that engages employees and service providers in managing HSEQ performance as a line responsibility with clear authorities and accountabilities.	**Commitment**	All Phases	Corporate	Corporate	Life of Project
~~108~~	~~3~~	~~Pg.243 Para.3~~	~~One area of high archaeology potential along the proposed access road route was identified at approximately KM2.6 from the ITH intersection, south of the stream crossing. This area will undergo a field-based archaeological impact assessment (AIA) in the summer of 2021 prior to any construction activity in the area.~~	~~**Commitment**~~	~~All phases~~	~~Heritage Arky and Culture~~	~~Environmental~~	~~Implemented and Closed~~
109	3	Pg.243 Para.3	IPC has developed a chance find (stop work) procedure for the project as part of its Archaeological Site Management Plan. The procedure will be in force during road construction, and IPC will stop work and contact the ILA if any artifacts are discovered. The chance find procedure will be followed through the life cycle of the project and updated regularly to properly manage the discovery of artifacts that could be of heritage interest.	**Commitment**	All phases	Heritage Arky and Culture	HSSE Lead	Life of Project
~~110~~	~~3~~	~~Pg.243 Para.8~~	~~IPC will be contacting the Prince of Wales Northern Heritage Centre to revise the Archaeological Site Management Plan and IPC will be conducting an AIA during the summer of 2021 in all areas of overlap with proposed site works construction.~~	~~**Commitment**~~	~~All phases~~	~~Heritage Arky and Culture~~	~~Environmental~~	~~Implemented and Closed~~
111	3	Pg.166 Para.1	Upon completion of the developed Operating Procedure, it **shall** be reviewed by Senior Management, be approved for implementation, use and distribution. The Division Manager **shall** become the document custodian/controller. • Operations/Production Manager – Custodian/Controller of operational procedures • Logistics Manager – Custodian/Controller of dispatch/logistics procedures • HSE Manager – Custodian/Controller of Safety related procedures • Maintenance Manager – Custodian/Controller of Maintenance and repair procedures • Engineering Manager – Custodian/Controller of Engineering related procedures.	**Commitment**	All phases	IMS - Sharepoint	Quality	Life of Project
112	3	Sec.11.2.1 Para.1	Integrating this (HSEQ) policy into daily operations is the objective of the HSEQ management system and will be the responsibility of all company employees and contractors.	**Commitment**	All phases	IMS - Sharepoint	Senior Management Team	Life of Project

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113	3	Sec.11.2.2 Para.1	Within the HSEQ Management System and various Management Plans, leadership Roles and Responsibilities will be clearly identified, regularly communicated to personnel, reviewed, and amended as required. Employees and contractors at all levels must understand their responsibilities and must accept them as a condition of employment. later date.	**Commitment**	All phases	IMS - Sharepoint	Senior Management Team	Life of Project
114	3	Pg.7	IESP maximizes the retention of benefits and opportunities in the ISR with more than 1500 person-years of direct employment created over the next 50 years.	**Commitment**	All Phases	Jobs and Contracts	Human Resources	Life of Project
115	3	Sec.1.13 Para. 4	IPC will provide key contracts, training and opportunities to Inuvialuit individuals and businesses. The IRC maintains a list of Inuvialuit businesses based on criteria as outlined by the IRC Board. The Inuvialuit Business List (IBL) has been and will continue to be a source of potential contractors and suppliers for the IESP. IPC is engaging in ongoing discussions with IRC, the local Community Corporations, and local contractors to design and implement a fair and transparent process to select contractors for the IESP.	**Commitment**	All phases	Jobs and Contracts	Human Resources	Life of Project
116	3	Sec.1.2.2.2	Create opportunities for local businesses and provide good quality permanent jobs for residents.	**Commitment**	All phases	Jobs and Contracts	Human Resources	Life of Project
117	3	Sec.13.4.3 Para.1	The Inuvialuit provide a regularly updated listing of all businesses that are 50% or greater Inuvialuit-owned. This business list will be a primary source for identifying local suppliers and contractors. Opportunities that cannot be filled in the Region will be offered to Northern companies and then Canadian companies. The IESP Benefits Plan assures local, regional, territorial, and federal procurement wherever possible.	**Commitment**	All phases	Jobs and Contracts	Human Resources	Life of Project
118	3	Sec.13.4.3 Para.2	The IESP will maximize the use of local businesses and contractors.	**Commitment**	All phases	Jobs and Contracts	Human Resources	Life of Project
119	3	Sec.13.4.3.1 Para.1	The IESP is expected to create at least 25 direct full-time jobs and significant contracting opportunities during the construction and operation of the facility.	**Commitment**	All phases	Jobs and Contracts	Human Resources	Life of Project
120	3	Sec.13.4.3.1 Para.2	To the extent possible, every job and contract will be filled locally. As this project progresses, and IPC gets ready to hire, it will make all employment and contract opportunities known on the IPC web page and through the Inuvialuit Corporate Group's website and social media platforms.	**Commitment**	All phases	Jobs and Contracts	Human Resources	Life of Project
121	3	Sec.13.4.3.2 Para.1	The Inuvialuit Business List will be used to source capable services.	**Commitment**	All phases	Jobs and Contracts	Human Resources	Life of Project
122	3	Sec.4.4.3	Reservoir fluids will be collected from the M-18 well. These samples will establish the initial composition of the field and provide reservoir fluid for analysis. Samples will continue to be collected and analysed, as required throughout the life of the well and the Project.	**Commitment**	All Phases	M-18 Well	Well Engineer	Life of Project
124	3	Sec. 5.3.3 Para.2 and 3	Given the uncertainty of the events associated with climate change, greater vigilance, and effort on the part of maintenance operators will be required including regular inspections and monitoring of the performance of infrastructure (facilities are being designed to be supported on deep foundation systems that are designed to rely on permafrost at greater depth and can be made relatively less vulnerable to permafrost thaw). IPC has already installed strategically placed ground temperature cables for the IESP and will continue monitoring ground temperatures throughout the Project life cycle. Adaptation to climate change will be an ongoing exercise as part of IPC's "plan-do-check-act" cycle in the IESP Integrated Management System.	**Commitment**	All phases	Monitoring	HSSE Lead	Life of Project

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125	3	Pg.214 Para.4	Commissioning and Operations: Regular monitoring for erosion and potential sedimentation will occur at roads, drainage culverts, the bridge, and both pads. Adaptive management will be used to respond to sedimentation and manage erosion from any erosion incidents resulting from site infrastructure or operations.	**Commitment**	All Phases	Monitoring	HSSE Lead	Life of Project
126	3	Pg.217 Para.2	IPC intends to monitor the permafrost temperatures in the PA during the life of the Project.	**Commitment**	All phases	Monitoring	HSSE Lead	Life of Project
129	3	Sec.13.3.9 Para.1	Noise levels during routine activity of pre-commissioning and operations will meet or exceed all regulations.	**Commitment**	All phases	Nuisance Impact (Light Noise Odours)	HSSE Lead	Life of Project
130	3	Pg.220-221 Para.3	IPC will endeavour to mitigate operational noise impacts by: • Remaining within industry standards for noise at all times.	**Commitment**	All phases	Nuisance Impact (Light Noise Odours)	Engineering	Life of Project
132	3	Pg.220-221 Para.3	IPC will endeavour to mitigate operational noise impacts by: • Respond immediately to any noise complaints.	**Commitment**	All phases	Nuisance Impact (Light Noise Odours)	Community Relations	Life of Project
138	3	Sec. 5.2.4 Para.3	Numerous design measures are in place to protect permafrost. The active layer is an insulating boundary that will be left intact wherever possible. Effort will be made to place gravel for roads, pads, and piles directly on the tundra without disturbing it. The Gravel acts as an additional insulator to permafrost, with the active layer freezing up into the base of the gravel. All buildings, tanks and facilities will be placed on piles for additional barrier between heated buildings and permafrost ground.	**Commitment**	All phases	Permafrost and Soil	Civil/Structural	In Progress
~~139~~	~~3~~	~~Sec.5.3.5 Para.1~~	~~The proposed access road will be designed and constructed considering these guidelines (the Transport Association of Canada (TAC) Guidelines for Development and Management of Transportation Infrastructure in Permafrost Regions (TAC 2010)); and lessons learned from the recent ITH construction, Borrow Source 312 and 177 roads, and numerous pads built in Tuktoyaktuk.~~	~~**Commitment**~~	~~ESW~~	~~Permafrost and Soil~~	~~Civil/Structural~~	~~Implemented and Closed~~
140	3	Sec.5.3.5 Para.2	Most buildings, tanks and other facilities will be built on ad-freeze piles on top of insulating gravel pads to protect permafrost. Geosynthetic liners and/or geotextile may be incorporated into the gravel for additional protection where needed. Ground temperature cables were installed at four locations in the PA in March 2020. Gravel thickness on the pads and road will be sufficient to bear all loads and provide thermal stability and protection to the permafrost.	**Commitment**	ESW	Permafrost and Soil	Civil/Structural	In Progress
141	3	Sec.13.3.6 Para.3	To mitigate potential impacts to permafrost, IPC will protect the natural tundra vegetation in undisturbed areas.	**Commitment**	All phases	Permafrost and Soil	Civil/Structural	In Progress
142	3	Sec.13.3.6 Para.3	To minimize changes to the ground temperature, and, as such, prevent the permafrost below the road or pad from thawing and degrading, the all-season roads and pads will be designed to do three things: • Insulate the underlying permafrost to keep the subsoil frozen, • Prevent ponding, and • Move the frozen layer upwards into the pad or road In addition, all facilities, including storage tanks, will be set on adfreeze piles on top of the insulating pads. The use of piles will help with snow removal as well as protect the permafrost.	**Commitment**	All phases	Permafrost and Soil	Civil/Structural	In Progress
144	3	Pg.225 Para.3	Opportunities that cannot be filled in the Region will be offered to Northern companies and then Canadian companies. It is expected that 100% of the contracts let for the IESP will involve Canadian Companies, and with the exceptions of fabrication and provision of a well service rig and related equipment (neither of which are available in the Region) greater than 85% of the contracts for the IESP will be awarded to competitive local contractors.	**Commitment**	All phases	Procurement	Senior Management Team	In Progress

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145	3	Sec.14.2.2	The construction and operation of the IESP will maximize local employment and business opportunities. The Inuvialuit Business List and Benefits Agreement will be a focus during all procurement activities, keeping in mind cost competitiveness with outside providers for goods and services.	**Commitment**	All phases	Procurement	Senior Management Team	In Progress
~~146~~	~~3~~	~~Sec.13.4.3.2~~	~~The Inuvialuit Business List will be used to source capable services. IPC is updating the Inuvialuit Business List (IBL) and is committed to using IBL members wherever possible.~~ ~~Significant contract opportunities have been identified for Inuvialuit businesses during precommissioning for activities such as wildlife and environmental monitoring, site surveys, gravel excavation and hauling, site works construction, well completion, pile driving....~~	~~**Commitment**~~	~~All phases~~	~~Procurement~~	~~Senior Management Team~~	~~Implemented and Closed~~
147	3	Sec. 13.4.2 Para.1	The Project is critical to ensuring a secure and affordable energy supply for local communities. With reserves anticipated to last more than 100 years, the IESP will provide a reliable energy replacement to the Town of Inuvik, currently reliant on southern energy and the dwindling Ikhil gas well, which is anticipated to have between two and three years remaining based on current draw volumes. The IESP will also provide a more affordable supply of natural gas, propane and synthetic diesel to the residents of Tuktoyaktuk, which would improve access to energy and improve quality of life overall.	**Commitment**	All phases	Products	Corporate	In Progress
149	3	Sec.11.4.1	All reports required by government agencies or authorities will be submitted as soon as possible or within the timelines established by the authority, whichever is sooner. Investigations and internal reports will be completed and submitted as soon as reasonably practicable. IPC will strive to have occurrences closed within 30 days of initial notification.	**Commitment**	All phases	Reporting	Regulatory	Life of Project
152	3	Pg.233-234 Table 23	Ensure proper maintenance, safety and signage is maintained on the ITH throughout the lifecycle of the project. Precommissioning activities will be based in the industrial camp area south of the main population. Use of local roads in town is expected to be occasional only.	**Commitment**	All phases	Traffic	Security	Life of Project
153	3	Sec.13.4.7.2 Para.1	IPC is committed to ensuring the road is used for authorized traffic only, for safety reasons. A gate will be installed at the start of the access road near the ITH intersection and monitoring the use of the road 24 hours a day, 7 days a week.	**Commitment**	All Phases	Traffic	Security	Life of Project
154	3	Sec.13.4.7.2 Para.1	Vehicle traffic will be limited to low speeds on the access road.	**Commitment**	All phases	Traffic	Corporate	Life of Project
155	3	Sec.11.3.3 Para.1	All new and/or newly transferred employees and contractors will receive general and site-specific orientations which will be further followed up with applicable and specific training.	**Commitment**	All phases	Training and Capacity Building	Training and Development	Life of Project
156	3	Sec.11.3.3 Para.2	Training, orientation, and competency are ongoing activities where tracking of personnel progress, certification and verification of competency will be documented within a training matrix. The training matrix will be reviewed and updated on a regular basis by HSEQ supervisors and middle managers.	**Commitment**	All phases	Training and Capacity Building	Training and Development	Life of Project
157	3	Pg.189 Para.3	IPC on site personnel will receive ERP training specific to the site/ facility or area in which they work prior to commencing work on that site. All personnel will re-certify as required and gain experience via ERP/ICS drills and exercises to keep their knowledge, skill, and training current to be ready to respond to an emergency.	**Commitment**	All phases	Training and Capacity Building	Training and Development	Life of Project

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158	3	Pg.213 Para.1	Numerous additional mitigation measures are provided in the extensive WWHPP for education and training of all personnel; infrastructure design; timing restrictions and set-back distances; animal attractants; management of sensory disturbances, animal-human interactions, and traffic disturbances; monitoring; adaptive management; and reporting. The WWHPP will be part of the Project's core orientation training and will be followed by all personnel, including contractors.	**Commitment**	All phases	Training and Capacity Building	Training and Development	Life of Project
159	3	Sec.13.4.3 Para.2	The IESP will … encourage and support training for full time jobs.	**Commitment**	All phases	Training and Capacity Building	Training and Development	Life of Project
160	3	Sec.13.4.3.1 Para.3	Some of the employment opportunities will require several years of training. Where Inuvialuit or other residents are not yet ready to take those positions, IPC will establish a transition period to fulfill operational needs while individuals are	**Commitment**	All phases	Training and Capacity Building	Training and Development	Life of Project
161	3	Pg.166 Para.2-5	Supervisors and Lead Hands shall make sure that the affected personnel and/or stakeholders have received, reviewed, and understand the procedures. Supervisors and Lead Hands shall evaluate workers' competency and capability as it relates to the Operating Procedure. Operational procedures will consistently be digitally/electronically available to affected personnel as well as offsite personnel. In the event the scope of work or equipment changes, or a new hazard has been identified, workers and/or stakeholders shall immediately communicate the change to supervisory or lead hand staff.	**Commitment**	All phases	Training and Capacity Building	Training and Development	Life of Project
~~162~~	~~3~~	~~Sec.5.2.5.~~	~~There will be a loss of approximately 15 hectares of typical tundra vegetation due to the construction of pads and the access road for a period of more than 50 years. The road and pads will be reclaimed in the future to the regulatory standard of the day. Design of the access road will use a route that runs through the common/dominant vegetation communities of the area. Approximately 50% of the 4 km road will utilize existing linear disturbance from a previous winter drilling program in 2001-02. The pads will be placed on areas of common/dominant vegetation.~~	~~**Commitment**~~	~~All phases~~	~~Vegetation~~	~~Environmental~~	~~Implemented and Closed~~
163	3	Pg.213 Para.1	Once the project is operational, all kitchen waste will be disposed weekly to avoid attracting wildlife.	**Commitment**	All phases	Waste	HSSE Lead	Life of Project
164	3	Sec.5.2.3.3 Para.1 & 2	Water samples have been taken and will be taken from the lake to establish a baseline chemistry prior to the M-18 development, and on a regular monitoring schedule thereafter... IPC will require only minor amounts of water for its Project activities.	**Commitment**	All phases	Water	HSSE Lead	Life of Project
~~165~~	~~3~~	~~Sec.13.3.5.~~	~~There will be no water, or any other liquids discharged to the environment by this project before or during operations. Completion fluids will be stored in double-walled tanks on-site and disposed off-site in a licensed, regulated facility. Minor quantities of water will be required for the well completion. This water will be provided from Tuktoyaktuk or Inuvik by truck. No local lake or river water will be withdrawn for the project.~~	~~**Commitment**~~	~~All phases~~	~~Water~~	~~Environmental~~	~~Implemented and Closed~~
166	3	Sec.1.2.2.2	To protect and preserve Arctic wildlife, the environment, and biological productivity.	**Commitment**	All phases	Wildlife	HSSE Lead	Life of Project
167	3	Pg.213 Para.1	PC will respect the nesting season of migratory birds by halting all construction from May 15 to August 15.	**Commitment**	All phases	Wildlife	HSSE Lead	In Progress
168	3	Pg.213 Para.1	A fall survey for bear dens will be completed prior to any winter construction.	**Commitment**	All phases	Wildlife	HSSE Lead	In Progress
169	3	Pg.213 Para.1	Fencing will be used where it is safe and appropriate to do so, to prevent curious animals from accessing equipment.	**Commitment**	All phases	Wildlife	HSSE Lead	Life of Project

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~~170~~	~~3~~	~~Pg.241-242~~	~~1. The Proponent shall submit a report to the ENR and the Wildlife Management Advisory Council – Northwest Territories (WMAC-NWT) on the results of any past or future bear den surveys and revise the WWHPP to include a protocol describing how it will proceed in the event that construction activities disturb a bear potentially denning in the area. In accordance with the Wildlife Act, no work shall proceed until this has been completed.…~~ ~~3. (Update management plans to) further consider bear denning and completion of site works after annual surveys are completed.~~ ~~4. Ensure measures are in place to reflect the >50-year life of the project and the potential impacts to barren-ground caribou and harvesting activities and that the mitigations are adequate with regard to disturbance to caribou.~~ ~~IPC is committed to ensuring that the requirements and recommendations of the EISC regarding these special designated areas and species are implemented.~~	~~**Commitment**~~	~~All phases~~	~~Wildlife~~	Environmental	~~Implemented and Closed~~
171	3	Sec.13.4.10.1 Para.2	2. The Proponent shall consult and collaborate with the IGC, the THTC, the IHTC, WMAC NWT, and ENR when updating its WWHPP. Updates to the WWHPP may be warranted in response to caribou populations and their interactions with the Project.	**Commitment**	All phases	Wildlife	HSSE Lead	Life of Project
~~191~~	~~3~~	~~Sec.5.2.7 Para.3~~	~~The Project will schedule construction of the creek crossing during the winter only, to limit the risk of fish being disturbed. In addition, the area with gravel-cobble substrate will be avoided.~~	~~**Commitment**~~	~~ESW~~	~~Fish~~	~~Environmental~~	~~Implemented and Closed~~
~~192~~	~~3~~	~~Sec.5.2.1 Table 13~~	~~One area of Interest along the proposed access road route will be fully investigated prior to construction.~~	~~**Commitment**~~	~~ESW~~	~~Heritage Arky and Culture~~	~~Environmental~~	~~Implemented and Closed~~
~~193~~	~~3~~	~~Sec.1.5.2.4~~	~~Site (Civil) Works will involve winter construction of a four-kilometre, all-weather access road from the ITH to the wellsite and to the facility pad areas; winter construction of two gravel pads; placement of ad-freeze piles; and winter construction of a pre-fabricated bridge to cross the unnamed stream at the 2.3-kilometre post. The scope will include borrow excavation and transport on the ITH; ground preparatory work, such as laying down willows and brush, installation of temporary construction trailers, construction activities and cleanup as per Northern Land Use Guidelines for Access Roads and Trails (Indigenous and Northern Affairs Canada (INAC), 2010).~~	~~**Commitment**~~	~~ESW~~	~~Other~~	~~Civil/Structural~~	~~Implemented and Closed~~
~~194~~	~~3~~	~~Sec.5.3.1 Para.2~~	~~The depth to bedrock is probably greater than the practical depth that pile foundations would be used to support the proposed surface infrastructure. Adfreeze piles will be used for all facility structures, in part to resolve this challenge.~~	~~**Commitment**~~	~~ESW~~	~~Permafrost and Soil~~	~~Civil/Structural~~	~~Implemented and Closed~~
~~195~~	~~3~~	~~Pg.214 Para. 2 & 3~~	~~Erosion control measures to protect water bodies and the permafrost will be applied to all project phases, as follows:~~ ~~Pre-commissioning: Erosion and Sedimentation of water bodies will be minimized by engaging in winter construction rather than summer construction; by "laying down" or cutting of shrubs rather than blading; restricting clearing to the approved and marked route for the access road; ensuring no soil or debris piles are left within 50 metres of a waterbody; and construction of erosion and sediment control structures at the bridge site which may include silt fencing, riparian zone preservation, or slope texturing grading. Construction contractors will be required to follow INAC Northern Land Use Guidelines for Access Roads and Trails (2010), which are extensive and provide considerable detail on erosion and sediment control in permafrost environments.~~	~~**Commitment**~~	~~ESW~~	~~Permafrost and Soil~~	~~Civil/Structural~~	~~Implemented and Closed~~

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~~196~~	~~3~~	~~Sec.13.3.7 Para.1~~	~~All soils within the PA and RA will be left undisturbed to protect permafrost. Borrow will be required for the construction of roads and pads. This might typically create an impact to soil outside the RA, however, no impacts related to the development of a borrow source are anticipated because all borrow is expected to come from existing borrow sources.~~	~~**Commitment**~~	~~ESW~~	~~Permafrost and Soil~~	~~Civil/Structural~~	~~Implemented and Closed~~
~~209~~	~~4~~	~~Pg.2 Para.5~~	~~As per OGOA, the OA application will provide detailed plans for Safety, Quality, Environmental Protection, and our Integrated HSEQ Management System.~~	~~**Commitment**~~	~~All phases~~	~~Health & Safety~~	~~Regulatory~~	~~Implemented and Closed~~
~~210~~	~~4~~	~~Pg.2 Para.4~~	~~The IESP has received a waiver from the NWT for a Benefits Plan as the project is located on Inuvialuit Private Lands and will adhere to the Inuvialuit Final Agreement.~~	~~**Commitment**~~	~~All phases~~	~~Jobs and Contracts~~	~~Human Resources~~	~~Implemented and Closed~~
~~211~~	~~5~~	~~Sec.6.8 Scenario 8~~	~~**Hypothetical case: IF** there is thawing and local surface subsidence, **then we will** add more gravel fill to ensure safe access to the well.~~ ~~**Alternatively,** if the surface subsidence is more severe, increased measures such as thermosiphons could be installed.~~	~~**Commitment**~~	~~ESW~~	~~M-18 Well~~	~~Well Engineer~~	~~Implemented and Closed~~
213	5	Sec.6.3	**Hypothetical case:** Protection of the permafrost from melting is paramount in the production of the M-18 well. Extensive modeling work completed in 2021 showed that to protect the permafrost, vacuum insulated tubing, VIT, is necessary. The modeling also shows that with the insulated tubing, the surface flowing temperature will reach a certain temperature once the well reaches stabilized flow. If the temperature is lower than modeled, intervention may be necessary. **If that is the case, we will** mitigate the melting of the near wellbore permafrost with the insulation of VIT. If the temperature logs show that the VIT is not performing as designed, IPC will need to redesign the VIT and re-run a new production string.	**Commitment**	All Phases	M-18 Well	Well Engineer	Life of Project
	8		**Refer to Conditions Worksheet**					
~~234~~	~~10~~	~~Sec.2.5~~	~~Reference i) states that primary accommodations and dining for non-resident personnel during pre-commissioning,commissioning,and de-commissioning will be in one of the several basecamps or barge camps located nearby in Tuktoyaktuk, and that there will be no long-term or permanent camps at the Project site.~~	~~**Commitment**~~	~~All Phases~~	~~Jobs and Contracts~~	~~Human Resources~~	~~Implemented and Closed~~
~~235~~	~~11~~	~~Pg.5 CER Part B~~	~~IPC shall ensure that the level of safety meets or exceeds the requirements of the CEC for petroleum installations. Following on our initial request, IPC requests that it be granted use of the CEC and API RP 505 for the classification on all instances related to the IESP. Since IPC will follow the latest version of the CEC, (in conjunction with API RP 505 which follows current electrical practice in Canada), we believe that what we are proposing is safer than following the out-of-date version of the CEC in the OGOA Installation Regulations.~~	~~**Commitment**~~	~~All Phases~~	~~Health & Safety~~	~~Engineering~~	~~Implemented and Closed~~
~~238~~	~~11~~	~~Pg.4 Para.1~~	~~As per the IESP management system and quality manual, competent design engineers (with proven documentation) with experience with designing the equipment being utilized, will be employed, (…)~~	~~**Commitment**~~	~~All Phases~~	~~Jobs and Contracts~~	~~Human Resources~~	~~Implemented and Closed~~
	13A		**Refer to Conditions Worksheet**					
~~258~~	~~14~~	~~Pg.8~~	~~…the revised project schedule in the IESP Application for Authorization for Installation and Operation of the IESP Energy Centre will be followed.~~	~~**Commitment**~~	~~All Phases~~	~~Corporate~~	~~Senior Management Team~~	~~Implemented and Closed~~
259	14	Sec.1.12 Table 1	As above, the map of local drainage will be provided following completion of engineering design and no later than 90 days prior to commencement of activity.	**Commitment**	All Phases	Drainage	Civil/Structural	Planned

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260	14	Sec.1.12 Table 1 Item 11	As addressed in Appendix 4 (and Appendices 4 and 5 of the Energy Centre OA application), the final location of the spill response equipment will be confirmed no later than 90 days prior to commencement of activity.	**Commitment**	All Phases	Emergency Mgmt	Senior Management Team	Planned
261	14	Pg. 41 Appendix 3	We recommend that you notify this office at least 10 days before starting your project and that a copy of this letter be kept on site while the work is in progress.	**Commitment**	All Phases	Fish	HSSE Lead	Planned
262	14	Pg.17 Table 1.1	Implemented and Active: sump monitoring has included and will continue to include sub-surface ground temperature, visual inspections, surveys for settlement, and water sampling.	**Commitment**	ESW	Monitoring	HSSE Lead	In Progress
~~268~~	~~14~~	~~Sec.1.7.d~~	~~IESPL can confirm the availability of granular material for the IESP from three regional borrow sources. The use of borrow source will depend on the type (quality) and quantity of material required.~~	~~**Commitment**~~	~~ESW~~	~~Borrow~~	~~Construction Contractor~~	~~Implemented and Closed~~
~~269~~	~~14~~	~~Sec.1.7.e~~	~~The 600 mm is the top layer of the total road structure that is also comprised of a minimum of 800 mm of embankment that will be constructed using granular material from Borrow Source 177.~~	~~**Commitment**~~	~~ESW~~	~~Borrow~~	~~Construction Contractor~~	~~Implemented and Closed~~
~~270~~	~~14~~	~~Sec.1.5(c)~~	~~IESPL is now working on the assumption that it will begin Early Site Works in late 2023.~~	~~**Commitment**~~	~~ESW~~	~~Corporate~~	~~Corporate~~	~~Implemented and Closed~~
~~271~~	~~14~~	~~Sec.1.8~~	~~The detailed drainage plans referred to in the IESP Environmental Protection Plan are shown on the IESP Roads Specifications and Drawings and the Kiggiak EBA Hydrotechnical Assessment listed below and will be filed to REGDOCS as requested.~~	~~**Commitment**~~	~~ESW~~	~~Drainage~~	~~Regulatory~~	~~Implemented and Closed~~
~~272~~	~~14~~	~~Sec.1.8~~	~~Where there are concentrated flows that could erode the natural substrate, then riprap or other material will be placed.~~	~~**Commitment**~~	~~ESW~~	~~Drainage~~	~~Civil/Structural~~	~~Implemented and Closed~~
~~273~~	~~14~~	~~Pg.18 Table 1.12~~	~~As above, the map of local drainage will be provided following completion of engineering design and no later than 90 days prior to commencement of activity.~~	~~**Commitment**~~	~~ESW~~	~~Drainage~~	~~Civil/Structural~~	~~Redundant~~
~~274~~	~~14~~	~~Pg.17 Table 1.11~~	~~...the final location of the spill response equipment will be confirmed no later than 90 days prior to commencement of activity. Locations will vary depending on the project phase and activity.~~	~~**Commitment**~~	~~ESW~~	~~Emergency Mgmt~~	~~Senior Management Team~~	~~Redundant~~
275	14	Sec.1.15	Where the On-site Construction Manager or a Contractor Supervisor identifies an unsafe act, they will: Immediately stop the unsafe act and workers that are affected in the immediate vicinity. Report this as a near miss using the accident reporting requirements, where their experience requires this to be identified. Provide an explanation, teaching or enforcement for the hazard or risk created.	**Commitment**	ESW	Health & Safety	Operations	Life of Project
276	14	Sec.1.4.a	It is anticipated that the workforce during the ESW Phase of the project will average fifty (50) workers and is expected to peak during piling activity to approximately 60 workers for 3 weeks.	**Commitment**	ESW	Jobs and Contracts	Human Resources	In Progress
277	14	Sec.1.4.a	It is expected that most of the workers will be Inuvialuit and local residents.	**Commitment**	ESW	Jobs and Contracts	Human Resources	In Progress
278	14	Sec.1.4.a	We expect that less than 6 personnel will not be Inuvialuit nor local and will require camp accommodation in Tuktoyaktuk.	**Commitment**	ESW	Jobs and Contracts	Human Resources	In Progress
279	14	Sec.1.4.b	The ESW Phase of the project will provide an estimated 50 local jobs and contribute nearly $10 million to the local economy.	**Commitment**	ESW	Jobs and Contracts	Human Resources	In Progress
280	14	Sec.1.4.b	Workers from outside the region will use the camps that are already present and will be required to adhere to Camp Rules.	**Commitment**	ESW	Jobs and Contracts	Human Resources	In Progress
281	14	Sec.1.4.b	Local contractors will be doing the work with Supervision from IESPL and will be required to adhere to IESPL policies and core values including responsible stewardship, social responsibility, and positive working culture.	**Commitment**	ESW	Jobs and Contracts	Human Resources	In Progress
282	14	Sec.1.4.c	Project personnel residing at the camp will comply with the procedures of the camp contractor and operators.	**Commitment**	ESW	Jobs and Contracts	Human Resources	In Progress

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~~283~~	~~14~~	~~Sec.1.4.a~~	~~It is anticipated that the workforce during the ESW Phase of the project will average fifty (50) workers and is expected to peak during piling activity to approximately 60 workers for 3 weeks.~~	~~**Commitment**~~	~~ESW~~	~~Jobs and Contracts~~	~~Human Resources~~	~~Redundant~~
~~284~~	~~14~~	~~Sec.1.4.a~~	~~The duration of stay for non-local workers is expected to be intermittent from early October to late December (less than 12 weeks) and from early March to mid-April. (6-7 weeks).~~	~~**Commitment**~~	~~ESW~~	~~Jobs and Contracts~~	~~Human Resources~~	~~Implemented and Closed~~
~~285~~	~~14~~	~~Sec.1.5.a~~	~~The new well pad will be built on undisturbed ground north of the wellhead for the purpose of the well workover and future well servicing.~~	~~**Commitment**~~	~~ESW~~	~~M-18 Well~~	~~Civil/Structural~~	~~Implemented and Closed~~
~~286~~	~~14~~	~~Pg.6 Para.8~~	~~Access Trail-The trail is not usable except in winter and will remain closed until culverts are installed and the all-weather road is built.~~	~~**Commitment**~~	~~ESW~~	~~Permafrost and Soil~~	~~Corporate~~	~~Implemented and Closed~~
~~287~~	~~14~~	~~Sec.1.6~~	~~All geotechnical assessments and reports obtained for the IESP will be filed to REGDOCS as requested.~~	~~**Commitment**~~	~~ESW~~	~~Reporting~~	~~Regulatory~~	~~Implemented and Closed~~
~~288~~	~~14~~	~~Pg.19~~	~~The scope of the ESW is limited - i.e., upgrades to an existing access trail. This work will reduce any existing risk associated with the temporary access trail currently in place.~~	~~**Commitment**~~	~~ESW~~	~~Traffic~~	~~Environmental~~	~~Implemented and Closed~~
~~289~~	~~15~~	~~Sec.1.13~~	~~According to the CER *Guidelines Respecting Financial Requirements* , a Parental Guarantee would be implemented 120 days before the commencement of activities.~~	~~**Commitment**~~	~~All Phases~~	~~Corporate~~	~~Corporate~~	~~Implemented and Closed~~
290	15	Sec.1.4.b1 and b2	IESPL's staff (Engineers, HSSEQ) will review the program and procedures of the selected contractor's practices to ensure they are current and match present industry standards for safety, quality, security, emergency preparedness and environmental protection.	**Commitment**	All Phases	Procurement	Senior Management Team	In Progress
291	15	Sec.1.3.c	IESPL will ensure personnel and contractors have enough trained and/or certified and competent individuals available to complete the authorized work or activities and to carry out any work or activity safely and responsibly.	**Commitment**	All Phases	Training and Capacity Building	Training and Development	In Progress
303	16	Sec.2.13	The Director, HSSEQ will be responsible to ensure all Contractors review and sign off on the EPP and accompanying Management Plans, and the applicable guidelines prior to starting the Project.	**Commitment**	All Phases	Jobs and Contracts	HSSE Lead	In Progress
~~304~~	~~16~~	~~Sec.2.4.a~~	~~These Plans will comprise part of the contractual obligations for the IESPL Contractors during ESW and Well Workover (WW) and currently contain all environmental procedures related to ESW and WW.~~	~~**Commitment**~~	~~ESW and WW~~	~~Jobs and Contracts~~	~~Environmental~~	~~Implemented and Closed~~
~~305~~	~~16~~	~~Sec.2.4.c~~	~~All Environmental Monitoring Procedures will be documented and maintained in the IESP IMS as Procedures – separate from the Plans or Forms.~~	~~**Commitment**~~	~~All phases~~	~~Monitoring~~	~~IMS Sharepoint~~	~~Implemented and Closed~~
306	16	Sec.2.8.b	As per our ISO-based IMS, they will be regularly reviewed and maintained through our Quality Management Processes.	**Commitment**	All phases	Monitoring	IMS Sharepoint	Life of Project
~~307~~	~~16~~	~~Sec.2.8.b~~	~~They will be stand-alone documents available to the CER prior to commencement of the relevant phase to which they apply.~~	~~**Commitment**~~	~~All phases~~	~~Monitoring~~	~~IMS Sharepoint~~	~~Implemented and Closed~~
308	16	Sec.2.10	Records of all monitoring will be organized by date and kept in the IESP IMS Records and Reports SharePoint file.	**Commitment**	All phases	Monitoring	IMS Sharepoint	Life of Project
309	16	Sec.2.10	The Director, HSEQ will review the reports against 2021 baseline sampling on a regular basis, as results are provided.	**Commitment**	All phases	Monitoring	HSSE Lead	Life of Project
310	16	Sec.2.17	At least annually, or following an Environmental Incident, IESPL will review monitoring results and mitigation outcomes and allow for discussions of adaptive management actions related to the Project.	**Commitment**	All phases	Monitoring	Senior Management Team	Life of Project
311	16	Sec.2.17	The outcomes of the review will be used to identify where mitigation or reclamation measures are not adequate and to identify additional mitigative, monitoring or reclamation measures to be applied.	**Commitment**	All phases	Monitoring	HSSE Lead	Life of Project
312	16	Sec.2.20	A program, based upon the GNWT AAQG and the Dust Suppression Guideline, will be in place prior to that date. (May 2024)	**Commitment**	All phases	Monitoring	HSSE Lead	Planned

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313	16	Sec.2.22	It is planned that these roles and responsibilities will be clearly defined following project regulatory approvals when IESPL has a "green light" to begin hiring more people.	**Commitment**	All phases	Monitoring	HSSE Lead	In Progress
314	16	Sec.2.29	The IESP Access Road will be monitored by performing regular visual inspections (...)	**Commitment**	All phases	Monitoring	HSSE Lead	Life of Project
315	16	Sec.2.29	Ground temperatures will be monitored using in-ground temperature sensors near or under critical infrastructure to provide an early sign of changes in the thermal regime of the permafrost.	**Commitment**	All phases	Monitoring	HSSE Lead	Life of Project
316	16	Sec.2.3.b	Spills will be reported to two agencies, namely, the CER and the NT-NU 24Hour Spill Report Line.	**Commitment**	All Phases	Spills	Regulatory	Life of Project
~~317~~	~~16~~	~~Sec.2.40.a~~	~~The bridge will be located at KM 2.3 as shown on IESP Access Road Drawing List C22130-6.~~	~~**Commitment**~~	~~All phases~~	~~Traffic~~	~~Environmental~~	~~Implemented and Closed~~
319	16	Sec.2.13	The Director, HSSEQ or the Onsite Environmental Manager will ensure Contractors know how to properly install any protection measure and understand BMPs used on the Project.	**Commitment**	All Phases	Training and Capacity Building	Training and Development	Life of Project
~~320~~	~~16~~	~~Sec.2.27~~	~~Section 5.2 Training Opportunities (PDF Page 134) will be updated to read: "The Contractor and its Supervisors are responsible for providing adequate ESC and permafrost protection training to all onsite employees.~~	~~**Commitment**~~	~~All Phases~~	~~Training and Capacity Building~~	~~Training and Development~~	~~Implemented and Closed~~
~~321~~	~~16~~	~~Sec.2.27~~	~~Permafrost protection training will include orientating workers to observe and visually monitor and document ground surface deformations and surface water conditions around them during construction and operations (...)~~	~~**Commitment**~~	~~All Phases~~	~~Training and Capacity Building~~	~~Training and Development~~	~~Implemented and Closed~~
~~322~~	~~16~~	~~Sec.2.27~~	~~Training will also include ground temperature data collection and monitoring ground temperature instrumentation that has been installed on-site to date and further ground temperature instrumentation that will be installed during the construction of the single-span bridge, infrastructure pad and Energy Facility."~~	~~**Commitment**~~	~~All Phases~~	~~Training and Capacity Building~~	~~Training and Development~~	~~Implemented and Closed~~
~~325~~	~~16~~	~~Sec.2.37.a~~	~~Granular materials for the IESP will be sourced from existing Borrow Sources along the ITH.~~	~~**Commitment**~~	~~ESW~~	~~Borrow~~	~~Construction Contractor~~	~~Implemented and Closed~~
~~326~~	~~16~~	~~Sec.2.37.a~~	~~The preferred higher quality source for borrow for the IESP is Borrow Source 312, however materials will also be used from Source 177.~~	~~**Commitment**~~	~~ESW~~	~~Borrow~~	~~Construction Contractor~~	~~Implemented and Closed~~
~~327~~	~~16~~	~~Sec.2.37.a~~	~~The access road embankment materials will be sourced from Borrow Sources 177 and 312.~~	~~**Commitment**~~	~~ESW~~	~~Borrow~~	~~Construction Contractor~~	~~Implemented and Closed~~
~~328~~	~~16~~	~~Sec.2.37.a~~	~~Borrow Source 177 material was used to cap the M-18 Sump and will be used to construct the subbase for the Access Road and to construct the subbase for parts of the infrastructure pad that will be used for laydown areas and where above grade tanks will be supported on adfreeze piles.~~	~~**Commitment**~~	~~ESW~~	~~Borrow~~	~~Construction Contractor~~	~~Implemented and Closed~~
~~329~~	~~16~~	~~Sec.2.37.a~~	~~Borrow Source 312 material will be used to construct parts of the pad that will have thermosyphons installed for supporting at grade equipment and will be used for surfacing the access road and infrastructure pad.~~	~~**Commitment**~~	~~ESW~~	~~Borrow~~	~~Construction Contractor~~	~~Implemented and Closed~~
330	16	Sec.2.17	Adaptive management will be implemented throughout the project life, which includes local consultation with community organizations and regulators.	**Commitment**	ESW	Community	Community Relations	Life of Project
~~331~~	~~16~~	~~Sec.2.35.a~~	~~The 800mm diameter cross drainage culverts will be used to improve cross-drainage conditions.~~	~~**Commitment**~~	~~ESW~~	~~Drainage~~	~~Civil/Structural~~	~~Implemented and Closed~~
~~332~~	~~16~~	~~Sec.2.35.b~~	~~Culverts will be located in low spots to facilitate the overland flow of water from the upgradient (high) side of the road to the low side of the road based on the detailed topographic survey completed along the alignment by Inukshuk Geomatics in 2018.~~	~~**Commitment**~~	~~ESW~~	~~Drainage~~	~~Civil/Structural~~	~~Implemented and Closed~~

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~~333~~	~~16~~	~~Sec.2.36.a~~	~~The infrastructure pad will be designed to prevent water ponding adjacent to the pad and near IESP equipment.~~	~~**Commitment**~~	~~ESW~~	~~Drainage~~	~~Civil/Structural~~	~~Implemented and Closed~~
~~334~~	~~16~~	~~Sec.2.16~~	~~The Emergency Contacts List will be updated as part of the FFHPP, as necessary.~~	~~**Commitment**~~	~~ESW~~	~~Emergency Mgmt~~	~~Senior Management Team~~	~~Implemented and Closed~~
~~335~~	~~16~~	~~Sec.2.6~~	~~IESPL will follow the more stringent of the two requirements and maintain 100m as our standard for all deleterious substances, storage and equipment.~~	~~**Commitment**~~	~~ESW~~	~~Fish~~	~~Environmental~~	~~Implemented and Closed~~
~~336~~	~~16~~	~~Sec.2.29~~	~~Ground temperature cables will be installed at the bridge crossing to monitor the ground temperature of the permafrost.~~	~~**Commitment**~~	~~ESW~~	~~Monitoring~~	~~Geotechnical~~	~~Implemented and Closed~~
~~337~~	~~16~~	~~Sec.2.34.e~~	~~Ground temperature cables will be installed to monitor and assess when intervention to stabilize piles might be implemented in the future.~~	~~**Commitment**~~	~~ESW~~	~~Monitoring~~	~~Geotechnical~~	~~Implemented and Closed~~
~~338~~	~~16~~	~~Sec.2.34.d~~	~~Adfreeze steel pipe piles will be used for the single-span bridge at KM 2.3 along the IESP Access Road.~~	~~**Commitment**~~	~~ESW~~	~~Permafrost and Soil~~	~~Civil/Structural~~	~~Implemented and Closed~~
~~339~~	~~16~~	~~Sec.2.34.d~~	~~The infrastructure pad where most of the equipment will be placed will use the proven technique of adding structural fill on top of the existing undisturbed ground.~~	~~**Commitment**~~	~~ESW~~	~~Permafrost and Soil~~	~~Civil/Structural~~	~~Implemented and Closed~~
~~340~~	~~16~~	~~Sec.2.34.d~~	~~Adfreeze piles will be used in some locations of the infrastructure pad where required.~~	~~**Commitment**~~	~~ESW~~	~~Permafrost and Soil~~	~~Civil/Structural~~	~~Implemented and Closed~~
~~341~~	~~16~~	~~Sec.2.34.d~~	~~The elevated pad will be graded in such a way to protect the permafrost by ensuring that there are no accumulations of surface water where the plant is located.~~	~~**Commitment**~~	~~ESW~~	~~Permafrost and Soil~~	~~Civil/Structural~~	~~Implemented and Closed~~
~~342~~	~~16~~	~~Sec.2.36.a~~	~~Adfreeze steel pipe piles will be used for the single-span bridge at KM 2.3.~~	~~**Commitment**~~	~~ESW~~	~~Permafrost and Soil~~	~~Civil/Structural~~	~~Implemented and Closed~~
343	16	Sec.2.36.b	The infrastructure pad and Energy Facility will use both deep (pile) and shallow foundations.	**Commitment**	ESW	Permafrost and Soil	Civil/Structural	In Progress
~~344~~	~~16~~	~~Sec.2.36.e~~	~~Adfreeze steel pipe piles will be used for the single-span bridge at Km 2.3 along the IESP Access Road.~~	~~**Commitment**~~	~~ESW~~	~~Permafrost and Soil~~	~~Civil/Structural~~	~~Implemented and Closed~~
~~345~~	~~16~~	~~Sec.2.36.e~~	~~IESPL will follow proper engineering for foundations that will be approved by NAPEG certified engineers.~~	~~**Commitment**~~	~~ESW~~	~~Permafrost and Soil~~	~~Civil/Structural~~	~~Implemented and Closed~~
346	16	Sec.2.39.b.b.7	IESPL will follow the IESP Permafrost Protection Management Plan (PPMP) that has been prepared for the project.	**Commitment**	ESW	Permafrost and Soil	Civil/Structural	Life of Project
~~347~~	~~16~~	~~Sec.2.39.b.b.7~~	~~Some activities will be undertaken in the winter to reduce impact to permafrost, such as installing adfreeze piles for the bridge along the access road and installing adfreeze piles in winter where this is no granular pad to work from.~~	~~**Commitment**~~	~~ESW~~	~~Permafrost and Soil~~	~~Civil/Structural~~	~~Implemented and Closed~~
~~348~~	~~16~~	~~Sec.2.40.b~~	~~The single-span bridge will consist of two steel plate girders (I-shape) with transverse timber crossties and two layers of longitudinal timber deck planks.~~	~~**Commitment**~~	~~ESW~~	~~Permafrost and Soil~~	~~Civil/Structural~~	~~Implemented and Closed~~
~~349~~	~~16~~	~~Sec.2.40.c.3~~	~~Each bridge abutment will consist of a steel pile cap, supported by steel adfreeze pipe piles.~~	~~**Commitment**~~	~~ESW~~	~~Permafrost and Soil~~	~~Civil/Structural~~	~~Implemented and Closed~~
~~350~~	~~16~~	~~Sec.2.40.c.3~~	~~The backwall of the abutment will use steel sheet piles and the bridge end fill behind the abutments will be free draining granular material.~~	~~**Commitment**~~	~~ESW~~	~~Permafrost and Soil~~	~~Civil/Structural~~	~~Implemented and Closed~~
~~351~~	~~16~~	~~Sec.2.40.c.4~~	~~It is anticipated that during the bridge's service life, that timber components will need to be replaced one or two times.~~	~~**Commitment**~~	~~ESW~~	~~Permafrost and Soil~~	~~Civil/Structural~~	~~Implemented and Closed~~
~~352~~	~~16~~	~~Sec.2.40.c.4~~	~~The steel plate girders, and steel pile caps will be made of corrosion-resistant steel (weathering steel) to improve the long-term performance.~~	~~**Commitment**~~	~~ESW~~	~~Permafrost and Soil~~	~~Civil/Structural~~	~~Implemented and Closed~~
~~353~~	~~16~~	~~Sec.2.40.c.4~~	~~The backwall of the abutment will use thicker steel components to provide allowance for corrosion deterioration.~~	~~**Commitment**~~	~~ESW~~	~~Permafrost and Soil~~	~~Civil/Structural~~	~~Implemented and Closed~~
354	16	Sec.2.4.c	As per our ISO-based IMS, they will be regularly reviewed and maintained through our Quality Management Processes.	**Commitment**	ESW	Reporting	Regulatory	Life of Project
355	17	Sec.2.32.4	IESPL will have cash on hand as required to manage vendor payments during the development and construction of the IESP.	**Commitment**	All Phases	Jobs and Contracts	Human Resources	In Progress

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~~386~~	~~18~~	~~Sec.3.1 Para.2~~	~~All elements of the IMS will be reviewed, tested and functional 4 weeks prior to initiation of the work scope. The IMS is a "living" system that will be regularly audited and reviewed.~~	~~**Commitment**~~	~~All Phases~~	~~IMS - Sharepoint~~	~~IMS Sharepoint~~	~~Implemented and Closed~~
387	18	Sec.3.1 Para.4	We will CHECK on the effectiveness of our implementation through regular reporting, monitoring, audits, and management review.	**Commitment**	All Phases	IMS - Sharepoint	Quality	Life of Project
388	18	Sec.3.1 Para.4	Finally, we will ACT on the results of our checking using a standardized management of change process and an adaptive approach to continual improvement to reflect changing site conditions, activity levels, lessons learned and/or corrective actions.	**Commitment**	All Phases	IMS - Sharepoint	Quality	Life of Project
389	18	Sec.3.2.2 Para.13	Annual measurements will be collected at the same time of year, each year at the warmest and coldest ground temperatures (September and May).	**Commitment**	All phases	Monitoring	HSSE Lead	Life of Project
~~390~~	~~18~~	~~Sec.1.6~~	~~OA applications for the remaining tasks (well workover, and installation, commissioning, and operation of the IESP Energy Centre) as well as the Well Approval (Application for Authorization to Alter the Condition of a Well) will be submitted **at a later date.**~~	~~**Commitment**~~	~~All Phases~~	~~Other~~	~~Regulatory~~	~~Implemented and Closed~~
~~392~~	~~18~~	~~Pg.7 Para.1~~	~~Civil activities not included in this OA that will be addressed in a future OA include the construction of the Well Pad (this activity involves the extension of the sump cap and preparation of the cellar and extension of the wellhead "Christmas Tree" – to be addressed in the Well Workover application), as well as installation of mechanical refrigeration piping and installation of thermosiphons at the Energy Centre Pad (to be addressed in Energy Centre application).~~	~~**Commitment**~~	~~All Phases~~	~~Permafrost and Soil~~	~~Civil/Structural~~	~~Implemented and Closed~~
393	18	Sec.3.2.2 Para.11	Re-fueling of equipment will occur off-site. If re-fueling is necessary on-site, a fuel truck will be used and safe loading procedures will be followed to ensure grounding and spill capture.	**Commitment**	ESW	Spills	HSSE Lead	In Progress
~~395~~	~~18~~	~~Sec.3.5.2 Para.1~~	~~The road, bridge and pads will be left intact and made ready for the next phase of the project.~~	~~**Commitment**~~	~~ESW~~	~~Traffic~~	~~Environmental~~	~~Implemented and Closed~~
396	18	Sec.2.10	IESPL will ensure that: The related operating procedures and site-specific procedures are appropriate.	**Commitment**	All Phases	Training and Capacity Building	Training and Development	Life of Project
397	18	Sec.2.10	Supervisory personnel will have, as a minimum, current WHMIS, Incident Command System (ICS) Training and Wilderness First Aid.	**Commitment**	All Phases	Training and Capacity Building	Training and Development	Life of Project
398	18	Sec.3.1 Para.5	IESPL will ensure various IESP plans and procedures are operating effectively through assessment and monitoring of contractor training and orientations, competency, adequate levels of supervision, communications, documentation, reporting, and management of change.	**Commitment**	All Phases	Training and Capacity Building	Training and Development	Life of Project
399	18	Sec.3.2.2 Para.11	All fuel truck operators will be trained in proper procedures and spill response, cleanup, and reporting.	**Commitment**	All Phases	Training and Capacity Building	Training and Development	Life of Project
400	18	Sec.3.5.2 Para.1	All wastes will be managed and disposed of off-site at licensed waste facilities according to waste type, and Federal, Provincial or NWT regulations.	**Commitment**	All Phases	Waste	HSSE Lead	Life of Project
~~401~~	~~18~~	~~Sec.2.5 Para.3~~	~~The IESP does not require a permit or licence from the Inuvialuit Water Board (IWB). The project will use less than 100 m^3/day of direct water, which will be sourced by truck from Tuktoyaktuk if and when needed.~~	~~**Commitment**~~	~~All Phases~~	~~Water~~	~~Regulatory~~	~~Implemented and Closed~~
~~408~~	~~18~~	~~Sec.2.4~~	~~IESPL will apply for a Right to Access Land from the Inuvialuit Land Administration (ILA) for a Land Use Permit to cover the activities of the ESW scope of work 3 months before the commencement of work.~~	~~**Commitment**~~	~~ESW~~	~~Community~~	~~Community Relations~~	~~Implemented and Closed~~
~~409~~	~~18~~	~~Sec.2.7 Para.4~~	~~IESPL have continued and will continue engagement throughout the planning, construction, commissioning, operations, and decommissioning phases of the IESP.~~	~~**Commitment**~~	~~ESW~~	~~Community~~	~~Community Relations~~	~~Redundant~~
410	18	Pg.17 Sec.2.9	IESPL will provide the required financial securities as the project progresses through its various operational phases.	**Commitment**	All Phases	Corporate	Corporate	In Progress

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~~411~~	~~18~~	~~Sec.3.2.3~~	~~For the purposes of the Inuvialuit Energy Security Project, Inuvialuit Energy Security Project Ltd. (IESPL), has appointed Travis Balaski, P.Eng. as the Accountable Officer.~~	~~**Commitment**~~	~~ESW~~	~~Corporate~~	~~Corporate~~	~~Implemented and Closed~~
412	18	Sec.3.5.2 Para.2	Drainage will be managed to prevent ponding and protect the road, bridge, pads, and permafrost.	**Commitment**	ESW	Drainage	Civil/Structural	In Progress
~~413~~	~~18~~	~~Sec.3.1~~	~~The IESPL Integrated Management System will coordinate the following five programs: Emergency Management Program to ensure appropriate emergency preparedness and response (provided in Appendix 4).~~	~~**Commitment**~~	~~ESW~~	~~Emergency Mgmt~~	~~Senior Management Team~~	~~Implemented and Closed~~
414	18	Sec.3.2.2 Para.4	IESPL shall be reviewing, tasking, meeting objectives, verifying legal compliance, and contractor hazard and risk management and incident accident tracking and management.	**Commitment**	ESW	Emergency Mgmt	Senior Management Team	In Progress
~~415~~	~~18~~	~~Sec.3.1 Para.1~~	~~The IESPL Integrated Management System will coordinate the following five programs: Environmental Protection Program to avoid or reduce adverse effects on the environment (provided in Appendix 3).~~	~~**Commitment**~~	~~ESW~~	~~Environmental Mgmt~~	~~Environmental~~	~~Implemented and Closed~~
~~416~~	~~18~~	~~Sec.3.2~~	~~As per the NWT Safety Act, IESPL shall be acting as Principal Contractor during the ESW phase of the IESP. As such, our safety programs, plans and procedures will be included in contracts, and therefore part of IESPL contractor management processes within our IMS.~~	~~**Commitment**~~	~~ESW~~	~~Health & Safety~~	~~HSSE Lead~~	~~No Longer Applicable~~
417	18	Sec.3.2.2 Para.5	IESPL shall also be continually observing compliance for both contract and employee health and safety, by providing a representative from IESPL (the On-site Manager) to oversee the ESW operations.	**Commitment**	ESW	Health & Safety	Corporate	In Progress
418	18	Sec.3.2.2 Para.12	IESPL will inspect and approve equipment to ensure proposed equipment is operable, safe to operate and free of hydraulic leaks or other problems that could impact people or the environment. (e.g., out of spec emissions, leaks, or excessive noise).	**Commitment**	ESW	Health & Safety	HSSE Lead	In Progress
~~419~~	~~18~~	~~Sec.3.2.3~~	~~Responsibility for the implementation of the Safety Plan during ESW will fall to the On-site Manager. The name and contact information for the On-site Manager will be provided 6 weeks prior to commencement of ESW work.~~	~~**Commitment**~~	~~ESW~~	~~Health & Safety~~	~~Senior Management Team~~	~~Implemented and Closed~~
~~420~~	~~18~~	~~Sec.3.1~~	~~The IESPL Integrated Management System will coordinate the following five programs: Safety Management Program to protect workers and the public from occupational and process hazards (provided in Appendix 2).~~	~~**Commitment**~~	~~All Phases~~	~~IMS - Sharepoint~~	~~IMS Sharepoint~~	~~Implemented and Closed~~
~~422~~	~~18~~	~~Sec.1.3 Para.2~~	~~It is anticipated that two local Inuvialuit businesses will meet the requirements of IESPL and be contracted by IESPL to complete scopes of work within the ESW activity.~~	~~**Commitment**~~	~~ESW~~	~~Jobs and Contracts~~	~~Human Resources~~	~~Implemented and Closed~~
~~423~~	~~18~~	~~Sec.1.3 Para.2~~	~~Tundra Drilling of Inuvik, NT, another local business with decades of western arctic experience, will likely be contracted for the installation of the adfreeze piles.~~	~~**Commitment**~~	~~ESW~~	~~Jobs and Contracts~~	~~Human Resources~~	~~Implemented and Closed~~
~~424~~	~~18~~	~~Sec.1.3 Para.3~~	~~During ESW, IESPL will provide our Safety Plan, Environmental Protection Plan, and Emergency Response Plan to our contractors.~~	~~**Commitment**~~	~~ESW~~	~~Jobs and Contracts~~	~~Human Resources~~	~~Implemented and Closed~~
425	18	Sec.1.3 Para.3	IESPL will ensure that the various operations and activities of contractors and sub-contractors will meet or exceed the safety, environmental and contingency requirements of the regulators and IESPL, including necessary training or certification.	**Commitment**	ESW	Jobs and Contracts	HSSE Lead	In Progress
~~426~~	~~18~~	~~Sec.1.3 Para.4~~	~~Quality Control of the ESW scope of work will be contracted to and supervised by Kiggiak EBA Consulting Ltd. (Kiggiak-EBA), an Inuvialuit majority-owned joint venture with Tetra Tech Canada Inc. (Tetra Tech).~~	~~**Commitment**~~	~~ESW~~	~~Jobs and Contracts~~	~~Human Resources~~	~~Implemented and Closed~~
~~427~~	~~18~~	~~Sec.2.10~~	~~IESPL will ensure that: The personnel who are to be employed in connection with the 2022-23 ESW scope of work are qualified and competent for the task required of them.~~	~~**Commitment**~~	~~ESW~~	~~Jobs and Contracts~~	~~Human Resources~~	~~Implemented and Closed~~
~~428~~	~~18~~	~~Sec.2.10~~	~~IESPL will ensure that: IESPL staff and contractors engaged in the supervision of this work will have suitable experience.~~	~~**Commitment**~~	~~ESW~~	~~Jobs and Contracts~~	~~Human Resources~~	~~Implemented and Closed~~

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429	18	Sec.3.1 Para.5	IESPL will ensure that all its contractors are aware of the ESW scope of work, activities and associated hazards, and that they agree to abide by all IESPL environmental, safety and emergency management systems and plans specific to the work.	Commitment	ESW	Jobs and Contracts	Human Resources	Implemented and Closed
430	18	Sec.3.1 Para.5	IESPL will pre-qualify all contractors and sub-contractors to ensure systems and processes are in place to comply with the IESPL Management Plans.	Commitment	ESW	Jobs and Contracts	Human Resources	Implemented and Closed
431	18	Sec.3.1 Para.5	IESPL will retain the right of approval over all personnel, contractors, and sub-contractors on site and for their removal and replacement if necessary.	Commitment	ESW	Jobs and Contracts	Human Resources	Implemented and Closed
432	18	Sec.3.2	IESPL will require our contractors to follow our procedures or provide procedures that meet or exceed ours.	Commitment	ESW	Jobs and Contracts	Human Resources	Implemented and Closed
433	18	Sec.3.2.2 Para.3	The ESW Phase of the IESP will be contracted by IESPL.	Commitment	ESW	Jobs and Contracts	Human Resources	Implemented and Closed
434	18	Sec.3.2.3	The On-site Manager will report to both the Director, Environment, Regulatory and IMS and the Director, Engineering, both of whom report to the President.	Commitment	ESW	Jobs and Contracts	Senior Management Team	Implemented and Closed
435	18	Sec.3.2.3	All onsite personnel and contractors will report to the On-site Manager.	Commitment	ESW	Jobs and Contracts	Human Resources	Implemented and Closed
436	18	Sec.3.2.2 Para.13	One multi-bead ground temperature cable will be installed in each row of abutment piles (one cable for each abutment).	Commitment	ESW	Monitoring	Geotechnical	Implemented and Closed
437	18	Sec.3.2.2 Para.13	Survey points will be established on pile caps and referenced to an appropriate control.	Commitment	ESW	Monitoring	Geotechnical	In Progress
438	18	Sec.3.2.2 Para.1	ESW involves the construction of gravel roads and pads, the installation of a prefabricated timber bridge and the installation of adfreeze piles. Equipment will include dump trucks, graders, loaders, dozers, excavators and other equipment as per typical civil (early site works) operations.	Commitment	ESW	Other	Construction Contractor	Implemented and Closed
439	18	Sec.2.10	IESPL will ensure that: The equipment that is to be used in the ESW activities will be fit for the purposes for the work it is to be used.	Commitment	ESW	Other	Construction Contractor	In Progress
440	18	Sec.3.2.2 Para.6	The piles will be an adfreeze design, which consists of installing a steel pile in an oversized hole drilled into permafrost and backfilling the annulus between the soil and pile with a soil/water slurry.	Commitment	ESW	Permafrost and Soil	Civil/Structural	Implemented and Closed
441	18	Sec.3.2.2 Para.10	As mentioned, the bridge structure will be supported on adfreeze steel pipe piles. A current conceptual design of the bridge is provided in Figure 6.	Commitment	ESW	Permafrost and Soil	Civil/Structural	Implemented and Closed
442	18	Sec.3.2.2 Para.6	The piling operation will begin in the winter of Q4 2022/Q1 2023, and the piling equipment will travel on the ITH and newly constructed access road to access the site.	Commitment	ESW	Traffic	Piling Contractor	No Longer Applicable
443	18	Sec.3.3	All Procedures relevant to the ESW Scopes of Work will be completed and available for training and use 4 weeks prior to the commencement of work.	Commitment	ESW	Training and Capacity Building	Training and Development	Implemented and Closed
444	18	Sec.3.5.2 Para.1	Following completion of the ESW Phase of the IESP, all equipment, tanks, waste, and infrastructure associated with ESW activities will be removed from the site.	Commitment	ESW	Waste	HSSE Lead	In Progress
445	18	Sec.3.5.2 Para.2	All debris will be cleaned up and removed. There will be no waste, landfills or contamination left on the site. If there is any contamination resulting from ESW activity, the contamination will be immediately dealt with, using best efforts as soon as it is reasonable and safe to do so.	Commitment	ESW	Waste	HSSE Lead	In Progress
446	18	Sec.2.5 Para.3	The stream crossing will be constructed during the winter while the creek is completely frozen so it will not require temporary cofferdams or diversions.	Commitment	ESW	Water	Environmental	Implemented and Closed

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~~448~~	~~19~~	~~Sec.3.13(b)~~	~~The 2013 version is the most current version of the GNWT Guideline for Dust Suppression. The IESPL EPP will be updated with the correct mitigation measures and updated reference for dust suppression throughout the EPP.~~	~~**Commitment**~~	~~All Phases~~	~~Air Quality~~	~~Environmental~~	~~Implemented and Closed~~
~~449~~	~~19~~	~~Sec.3.45~~	~~Based on this evaluation, IESPL will rely on a single parental guarantee from Inuvialuit Petroleum Corporation, as previously presented, in the amount of $1.3 million for the ESW, WW, and Installation and Operation of the IESP Energy~~	~~**Commitment**~~	~~All Phases~~	~~Corporate~~	~~Corporate~~	~~Implemented and Closed~~
~~450~~	~~19~~	~~Sec.3.14~~	~~IESPL will be submitting one EPP that includes all information for all three phases of the Project (i.e., ESW, WW and Energy Centre) going forward from and including Revision 4.0.~~	~~**Commitment**~~	~~All Phases~~	~~Environmental Mgmt~~	~~Regulatory~~	~~Implemented and Closed~~
451	19	Sec.3.47.b.1	IESPL will follow the disciplinary considerations in its Safety Program for those found speeding on a public road.	**Commitment**	All Phases	Health & Safety	Corporate	Life of Project
452	19	Sec.3.47.b.4	IESPL will monitor compliance with the safety plan through routine inspections and audits.	**Commitment**	All Phases	Health & Safety	Regulatory	Life of Project
~~453~~	~~19~~	~~Sec.3.53~~	~~Temporary accommodation will be contained in the control building complex. ... Communications will be cell phone, radio, and satellite communication. Should fiber optic cable, which is planned, be installed near the Inuvik Tuktoyaktuk Highway, then IESPL will connect to the fiber optic cable.~~	~~**Commitment**~~	~~All Phases~~	~~Health & Safety~~	~~Engineering~~	~~Implemented and Closed~~
~~454~~	~~19~~	~~Sec.3.46~~	~~IESPL's process safety management documents will incorporate CAN/CSA-Z767:17.~~	~~**Commitment**~~	~~All Phases~~	~~Health & Safety~~	~~HSSE Lead~~	~~Implemented and Closed~~
~~455~~	~~19~~	~~Sec.3.2~~	~~IESPL provided screen shots of the Integrated Management System (IMS) that will be used throughout all phases of the project, including the Construction and Operations of the Energy Centre, as part of the response to IR No.2 (ESW).~~	~~**Commitment**~~	~~All Phases~~	~~IMS - Sharepoint~~	~~IMS Sharepoint~~	~~Implemented and Closed~~
~~456~~	~~19~~	~~Sec.3.1~~	~~IESPL can confirm that any additional mitigation measures specified by the GNWT Department of Transportation with respect to the IESP will be included in the EPP.~~	~~**Commitment**~~	~~All Phases~~	~~Traffic~~	~~Environmental~~	~~Implemented and Closed~~
~~479~~	~~20~~	~~Sec.4.3~~	~~The IESP EPP has been updated as per CER request and will be filed in REGDOCS as Revision 4.1 on April 7, 2023.~~	~~**Commitment**~~	~~All Phases~~	~~Environmental Mgmt~~	~~Environmental~~	~~Implemented and Closed~~
480	20	Sec.4.20	In addition, following construction of the ESW (2024), IESPL are committed to weekly visual monitoring of the creek during annual freshet for the duration of the project.	**Commitment**	All phases	Monitoring	HSSE Lead	Life of Project
481	20	Sec.4.14.b	In the event of a spill onsite in or near a watercourse during open water conditions (i.e., within 100 m of flowing water) water samples at that location will be collected within 48 hours of the spill and sent to the ALS Laboratory Group (ALS) Depot in Yellowknife, NT. A spare set of the required bottles outlined in Section 6.1 will be kept on site as part of the spill response kit.	**Commitment**	All Phases	Spills	HSSE Lead	Life of Project
482	20	Sec.4.14.b	If the spill occurs during frozen or dry conditions, or at a location greater than 100 m waterbody, water quality sampling will be conducted at the first signs of flowing water at the nearest downstream location and compared with baseline water quality analysis in 2021.	**Commitment**	All Phases	Spills	HSSE Lead	Life of Project
483	20	Sec.4.14.b	Spill sampling locations will be determined as part of spill response planning at the time of the incident and will not be reflected in the long-term monitoring program. .... Any additional sampling required for spill response management will be compared with additional reference data collected from upstream sampling locations to accommodate the inclusion of new parameters not defined in the baseline water quality analysis from 2021.	**Commitment**	All Phases	Spills	HSSE Lead	Life of Project

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484	20	Sec.4.14.d	In the event of a potential spill, water quality analysis is to be determined based on the nature of the substance(s) released. Adaptive management of the long-term surface water monitoring program and the SWS Procedure will accommodate any added parameters in the event of a spill, and an updated SWS Procedure will be developed to reflect the changes in procedure.	**Commitment**	All Phases	Spills	HSSE Lead	Life of Project
485	20	Sec.4.14.e	Water sampling procedures for potential spill incidents will be completed in the same manner as surface water sampling, with the appropriate PPE as per the nature of the substance(s) released and the Spill Response Plan. Protective gloves (e.g., nitrile gloves) will be worn during any spill response work.	**Commitment**	All Phases	Spills	HSSE Lead	Life of Project
~~486~~	~~20~~	~~Sec.4.6~~	~~The IESP EPP has been updated as per CER request and will be filed in REGDOCS as Revision 4.1 on April 7, 2023. The update clarifies that no soil or debris piles are left within 100 metres of a waterbody.~~	~~**Commitment**~~	~~All Phases~~	~~Water~~	~~Regulatory~~	~~Implemented and Closed~~
~~487~~	~~20~~	~~Sec.4.8, 4.9, 4.11~~	~~The IESP EPP has been updated as per CER request and will be filed in REGDOCS as Revision 4.1 on April 7, 2023.~~	~~**Commitment**~~	~~All Phases~~	~~Water~~	~~Regulatory~~	~~Implemented and Closed~~
~~488~~	~~20~~	~~Sec.4.1~~	~~An updated Erosion and Sediment Control Plan will be provided with the corrected reference (mention of the FFHPP has been amended to reference the ESCMP).~~	~~**Commitment**~~	~~All Phases~~	~~Water~~	~~Regulatory~~	~~Implemented and Closed~~
~~489~~	~~20~~	~~Sec.4.14.a~~	~~The SWS Procedure has been updated to confirm that annual sampling will be conducted in August in addition to any required sampling required for spill response onsite.~~	~~**Commitment**~~	~~All Phases~~	~~Water~~	~~Environmental~~	~~Implemented and Closed~~
490	20	Sec.4.2	We will continue to monitor the creek annually as per our EPP and the Surface Water Sampling Procedure. We will address any visual turbidity issues with immediate response and appropriate monitoring and mitigation measures as previously described in the EPP management plans.	**Commitment**	All Phases	Water	HSSE Lead	Life of Project
~~495~~	~~20~~	~~Sec.4.21.a.1~~	~~The borrow source materials will be evaluated on an ongoing basis to confirm their adequacy.~~	~~**Commitment**~~	~~ESW~~	~~Borrow~~	~~Construction Contractor~~	~~Implemented and Closed~~
~~496~~	~~20~~	~~Sec.4.3~~	~~In response to this Information Request (CER IR No.4), and CER IR No.3, IESPL will be revising the IESP Emergency Response Plan (ERP) for ESW and other phases and submitting a revised ERP (including revision from both IR No.3 and IR No.4) on April 7, 2023 (the due date for IR No.3).~~	~~**Commitment**~~	~~ESW~~	~~Emergency Mgmt~~	~~Regulatory~~	~~Implemented and Closed~~
497	20	Sec.4.21.a	The Quality Management Plan shall be developed in accordance with the contract specifications. The QC/QA roles shall be independent of each other and undertaken by different individuals.	**Commitment**	ESW	Jobs and Contracts	Quality	In Progress
498	20	Sec.4.21.a.1	QC/QA personnel shall be on site as required to monitor construction activities related to earthworks and placement of material from borrow pits.	**Commitment**	ESW	Monitoring	Geotechnical	In Progress
~~499~~	~~20~~	~~Sec.4.21.a.2~~	~~QC/QA personnel shall be on site as required to monitor construction activities related to road construction activities including clearing, snow removal, material conformance, lift thickness, compaction requirements, survey design grades and elevations, and conformance to plan requirements including safety protocols and environmental management plans. Duties and responsibilities of the Field Technician shall include daily on-site monitoring and materials testing and reporting including georeferenced photos.~~	~~**Commitment**~~	~~ESW~~	~~Monitoring~~	~~Construction Contractor~~	~~Implemented and Closed~~
~~500~~	~~20~~	~~Sec.4.21.a.3~~	~~A Field Technician shall conduct pile installation monitoring to verify compliance with the design.~~	~~**Commitment**~~	~~ESW~~	~~Monitoring~~	~~Construction Contractor~~	~~Implemented and Closed~~
~~501~~	~~20~~	~~Sec.4.21.a.4~~	~~QC/QA personnel shall be on site as required to monitor construction activities related to all culvert installation activities. ...~~	~~**Commitment**~~	~~ESW~~	~~Monitoring~~	~~Construction Contractor~~	~~Implemented and Closed~~
502	20	Sec.4.21.a.6	The construction of the Energy Center Pad will be monitored and recorded to confirm all fill materials are placed as per design with the proper lift thicknesses, compaction, and material requirements.	**Commitment**	ESW	Energy Centre	Civil/Structural	In Progress

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~~503~~	~~20~~	~~Sec.4.21.a.5~~	~~The Engineer of Record (EOR) will review the Contractor's plan for erecting the bridge. Prior to the erection, the EOR will inspect the superstructure components to check for any deficiencies that could affect the safety or service life of the bridge, and these deficiencies would be rectified before the superstructure is allowed to be erected.~~	~~**Commitment**~~	~~ESW~~	~~Other~~	~~Civil/Structural~~	~~Implemented and Closed~~
~~504~~	~~20~~	~~Sec.4.21.a~~	~~A Quality Management Plan shall be prepared to execute and deliver the QC/QA services. The Quality Management Plan shall document the methodologies and procedures to provide consistent reporting and monitoring methods and limit errors and omissions from construction activities.~~	~~**Commitment**~~	~~ESW~~	~~Reporting~~	~~Quality~~	~~Implemented and Closed~~
505	20	Sec.4.21.a	Non-conformance reports or NCRs will be produced when the construction is not in conformance with the contract specifications and the NCRs will be provided to the Contractor, IESPL, and the Engineer of Record (EOR).	**Commitment**	ESW	Reporting	Quality	In Progress
506	20	Sec.4.21.a	The Contractor shall provide their response on how to rectify the non-conformance. If the response is deemed unsatisfactory, then the EOR and IESPL will determine how to proceed.	**Commitment**	ESW	Reporting	Senior Management Team	In Progress
507	20	Sec.4.21.a.4	NCRs will be produced when the construction is not in conformance with the contract.	**Commitment**	ESW	Reporting	Quality	In Progress
508	20	Sec.4.21.c	As-built reporting will be undertaken after completing the ESW construction activities including as-built documentation, and a summary of any deviations from the original design that is signed and stamped by a Professional Engineer registered with NAPEG.	**Commitment**	ESW	Reporting	Quality	In Progress
~~509~~	~~20~~	~~Sec.4.21.a.5~~	~~A final inspection of the bridge will take place with the structural and geotechnical engineer prior to allowing any traffic on the bridge.~~	~~**Commitment**~~	~~ESW~~	~~Traffic~~	~~Civil/Structural~~	~~Implemented and Closed~~
~~512~~	~~20~~	~~Sec.4.23.b~~	~~IPC's signed and audited financial statements for 2022 will be available at the end of April 2023.~~	~~**Commitment**~~	~~ESW and WW~~	~~Corporate~~	~~Corporate~~	~~Implemented and Closed~~
~~513~~	~~20~~	~~Sec.4.1~~	~~In response to this Information Request (CER IR No.4), and CER IR No.3, IESPL will be revising the EPP Rev 4.0 and submitting a revised EPP (including revision from both IR No.3 and IR No.4) on April 7, 2023 (the due date for IR No.3), as Rev 4.1.~~	~~**Commitment**~~	~~ESW and WW~~	~~Environmental Mgmt~~	~~Regulatory~~	~~Implemented and Closed~~
~~514~~	~~20~~	~~Sec.4.2~~	~~The IESP EPP has been updated as per CER request and will be filed in REGDOCS as Revision 4.1 on April 7, 2023.~~	~~**Commitment**~~	~~ESW and WW~~	~~Environmental Mgmt~~	~~Regulatory~~	~~Implemented and Closed~~
~~515~~	~~20~~	~~Sec.4.4 and 4.5~~	~~The IESP EPP has been updated as per CER request and will be filed in REGDOCS as Revision 4.1 on April 7, 2023.~~	~~**Commitment**~~	~~ESW and WW~~	~~Fish~~	~~Regulatory~~	~~Implemented and Closed~~
~~516~~	~~20~~	~~Sec.4.1~~	~~The Turbidity Monitoring Procedure has been determined not to be applicable to the IESP and will be withdrawn (See detailed Response at 4.16).~~	~~**Commitment**~~	~~ESW and WW~~	~~Water~~	~~Environmental~~	~~Implemented and Closed~~
~~527~~	~~21~~	~~Pg.1 Row 8~~	~~IESPL will be using a variety of foundation types.~~	~~**Commitment**~~	~~All Phases~~	~~Permafrost and Soil~~	~~Civil/Structural~~	~~Implemented and Closed~~
	22		**Refer to Conditions Worksheet**					
	23		**Refer to Conditions Worksheet**					
~~631~~	~~31~~	~~Pg.22 Sec.2.7~~	~~IESPL have continued and will continue engagement throughout the planning, construction, commissioning, operations, and decommissioning phases of the IESP.~~	~~**Commitment**~~	~~All Phases~~	~~Community~~	~~Community Relations~~	~~Redundant~~
786	31	Pg.63 Sec.14.6	IESPL will ensure that, not later than March 31 of each year, an annual environmental report relating to the preceding year is submitted to the Regulator and include a summary of environmental protection matters during the year, including a summary of any incidents that may have an environmental impact, discharges that occurred and waste material that was produced, a discussion of efforts undertaken to reduce pollution and waste material and a description of environmental contingency plan exercises.	**Commitment**	All Phases	Reporting	Regulatory	Planned

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787	31	Pg.64 Sec.14.6	IESPL will ensure that, not later than March 31 of each year, an annual safety report relating to the preceding year is submitted to the Regulator and includes a summary of lost or restricted workday injuries, minor injuries and safety-related incidents and near-misses that have occurred during the preceding year; and a discussion of efforts undertaken to improve safety.	**Commitment**	All Phases	Reporting	Regulatory	Planned
~~810~~	~~32~~	~~Attachment 3 Sec.6.1~~	~~This phase (following ESW) of the IESP will include the following civil works: • The existing sump cap will be examined for settlement and graded and/or filled as needed.~~	~~**Commitment**~~	~~Sump Remediation~~	~~Permafrost and Soil~~	~~Civil/Structural~~	~~Implemented and Closed~~
~~811~~	~~32~~	~~Attachment 3 Sec.6.1~~	~~This phase (following ESW) of the IESP will include the following civil works: • The sump cap will be revegetated with native species, while the well servicing pad will be kept free of vegetation by non-chemical methods.~~	~~**Commitment**~~	~~Sump Remediation~~	~~Vegetation~~	~~Environmental~~	~~Implemented and Closed~~
~~821~~	~~32~~	~~Attachment 6 Section 6.1~~	~~This phase (following ESW) of the IESP will include the following civil works that could result in erosion or sedimentation impacts: • The existing sump cap will be examined for settlement and graded and/or filled as needed.~~	~~**Commitment**~~	~~Sump Remediation~~	~~Drainage~~	~~Civil/Structural~~	~~Implemented and Closed~~
822	32	Attachment 6 Section 6.1	This phase (following ESW) of the IESP will include the following civil works that could result in erosion or sedimentation impacts: • The sump cap will be revegetated with native species, while the well servicing pad will be kept free of vegetation by non-chemical methods.	**Commitment**	Sump Remediation	Vegetation	HSSE Lead	Planned
843	34	Sec. 1.3 b)	The services to be rendered on our site or on the ITH during ESW will be provided by employees of our contractor EGT Northwind (EGTNW), some of whom may be volunteers for the TFD.	**Commitment**	ESW	Health & Safety	Human Resources	In Progress
~~844~~	~~34~~	~~Sec. 1.3 b)~~	~~Once the Hamlet has made a final decision, then the details of such mutual aid understanding, or agreement, will be writen into the ESW ERP.~~	~~**Commitment**~~	~~ESW~~	~~Emergency Mgmt~~	~~Senior Management Team~~	~~Implemented and Closed~~
~~845~~	~~34~~	~~Sec. 1.3 c)~~	~~Yes, there will be both classroom type and field tactical training prior to commencement of ESW work activity for the ICS roles of: • Source Control Group Supervisor • Plug/Patch/Transfer Task Force • Spill Containment Strike Team • Fire Suppression Task Force; and • Decon Strike Team~~	~~**Commitment**~~	~~ESW~~	~~Training and Capacity Building~~	~~Training and Development~~	~~Implemented and Closed~~
~~846~~	~~34~~	~~Sec. 1.3 d)~~	~~IESP intends to assess competency through field response drills (after initial field tactics orientation training is completed). Field drills will be repeated until tactics are able to be carried out in a highly effective and efficient (timely) manner.~~	~~**Commitment**~~	~~ESW~~	~~Training and Capacity Building~~	~~Training and Development~~	~~Implemented and Closed~~
~~847~~	~~34~~	~~Sec. 1.3 d)~~	~~Records of initial training, and repeated field drills (until an acceptable level of due diligence is reached) would be kept as evidence for competency.~~	~~**Commitment**~~	~~ESW~~	~~Reporting~~	~~Training and Development~~	~~Implemented and Closed~~
~~848~~	~~34~~	~~Sec. 1.3 e)~~	~~IESP is working with our contractor EGTNW to provide our Source Control Group personnel, who will be made available for training and response.~~	~~**Commitment**~~	~~ESW~~	~~Training and Capacity Building~~	~~Training and Development~~	~~Implemented and Closed~~
~~849~~	~~34~~	~~Sec. 1.6 a.iii)~~	~~Once further training and exercises are conducted in real-time with the equipment (it has been purchased and is about to be expedited up north to Tuktoyaktuk) then the third-party resource listing in section 6.1.11 of the ESW ERP will be updated to only reflect that which may still be potentially / peripherally required beyond those critical / initial tactical resources IESP has identified and already purchased.~~	~~**Commitment**~~	~~ESW~~	~~Emergency Mgmt~~	~~Senior Management Team~~	~~Implemented and Closed~~
~~850~~	~~34~~	~~Sec. 1.6 b)~~	~~Yes, all numbers listed in Section 6.1.11 were called in 2022 when the ERP was first presented.Prior to start of ESW operations in 2023 the ERP will be updated again for all numbers of both internal and external resources after conclusion of planned training and exercises and final confirmation of roles.~~	~~**Commitment**~~	~~ESW~~	~~Emergency Mgmt~~	~~Senior Management Team~~	~~Implemented and Closed~~

Inuvialuit Energy Security Project

Summary of Commitments Relevant to Early Site Works

Updated: 2025-01-15

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CER ID	CER Source	Section or Paragraph #	Commitment Description	Type	Phase	Aspect	Lead By (2024)	Progress Status
851	36	Para.1	IESPL confirms that it will post the Commitment Tracking Table on its website in accordance with part a) of ESW OA Condition 11.	**Commitment**	ESW	IMS - Sharepoint	Regulatory	In Progress
852	36	Para.2	IESPL also confirms that it will provide commitment status updates quarterly until the end of the seventh year following completion of the ESW construction in accordance with part b) of ESW OA Condition 11.	**Commitment**	ESW	IMS - Sharepoint	Regulatory	In Progress
853	37	Pg.2 Para.2	Elevation surveys of the pile foundations supporting the equipment will monitor total and differential movements, encompassing settlement during thawing and frost heave during freezing. This monitoring will be conducted within individual equipment modules and between modules. IESPL will perform surveys at the time of installation and periodically during operations to observe and document any changes over time.	**Commitment**	ESW	Energy Centre	Construction Contractor	Planned
854	42	Sec.2.3 Para.3	When animals such as a fox are spotted close to the work site, actions are to slowly approach the animal by machine (typically snow machine) to "herd" it out of the area away from the work site for both the animals and workers safety.	**Commitment**	ESW	Wildlife	Wildlife Monitor	In Progress
857	40	Appendix A Sec.1.17	KIGGIAK-EBA will retain all soil and rock samples for 30 days after this report is issued.	**Commitment**	ESW	Permafrost and Soil	Geotechnical	Planned
~~878~~	44	~~Sec.1.4 b. Para.2~~	~~IESPL will identify idiosyncrasies in the ERP (such as 1-Call Alaska) to the IMT during the ICS ERP training. In addition, IESPL is aware that the Mackenzie Delta Spill Response Corp. is no longer active. We are currently in the process of meeting with the former members of the Corp. to ascertain the whereabouts and potential access to the equipment. The contact remains valid to us within this context and will be updated when we determine the best contact name~~	~~**Commitment**~~	~~Well Workover~~	~~Emergency Mgmt~~	~~Senior Management Team~~	~~Implemented and Closed~~
879	44	Sec. 1.5d)	Staff and Contractors are informed of any updates to the Incident Reporting and Management Standard during general health and safety meetings, orientations, training sessions, pre work (tailgate) meetings and the Notifications section of the IESPL IMS.	**Commitment**	ESW	Health & Safety	HSSE Lead	In Progress
880	45	Sec. 1.1	Work Crews are reminded daily to not feed any wildlife	**Commitment**	All Phases	Wildlife	HSSE Lead	In Progress
881	45	Sec. 1.1	When animals are a safe distance from the work site, no actions are taken, simply recorded for the Wildlife Sighting report. If Bears are encountered the IESP Bear Encounter Protocol (as approved by 6 northern agencies) is implemented.	**Commitment**	All Phases	Wildlife	Wildlife Monitor	In Progress
882	34	Sec. 1.3 a)	IESPL have had discussions with the Tuktoyaktuk Fire Department (TFD) regarding support for the IESP. We have decided that we will not be relying on the TFD for support in the case of an emergency on our project site. IESP is still in discussion with the TFD to assist as secondary support in a response for any incidents that occur on the Inuvik Tuktoyaktuk Highway (ITH) during the ESW phase, and not as a long-term solution	**Commitment**	All Phases	Emergency Mgmt	Senior Management Team	Planned
883	34	Sec. 1.4	It was always the intent of the CEOC to be a redundancy for the REOC in the event that it (REOC) was not able to be stood up or function due to an incident in Tuk (i.e., severe weather or another significantly impacting occurrence). Once the REOC can be constructed (IESP still does not have an exact date), then IESP can use all its existng plans and programs that have been developed for the REOC's actvation and operatons	**Commitment**	All Phases	Emergency Mgmt	Senior Management Team	Planned
884	46	Para. 1	IESPL have committed to CER to provide an updated IESP Environmental Protection Plan on or before June 1, 2025.	**Commitment**	All Phases	Environmental Mgmt	Environmental	Planned

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885	46	Para. 2	As part of that update, IESPL intend to make the following changes to the Environmental Protection Plan IESP Bear Encounter Protocol – Early Site Works (ESW) and Construction Phases: Table 2: Response Measures for Bear Encounters: Bear Sighting: a bear is sighted but no interaction with people or personnel takes place. Bear Encounter: a bear interacts with personnel or their equipment or structures or vice versa.	**Commitment**	All Phases	Environmental Mgmt	Environmental	Planned
886	47	response 5.1b)	IESPL will include information on whether or not specific mitigation measures or resolutions were implemented for all future wildlife reporting and spill reporting in Condition 15 filings.	**Commitment**	All Phases	Reporting	Environmental	In Progress
887	44	Sec.1.3 a.	Following its continuous improvement process, IESPL will review and update the ERPs on a regular basis and will provide CER with updated versions of the ERP(s) when significant changes have been completed.	**Commitment**	All Phases	Emergency Mgmt	Senior Management Team	In Progress
888	44	Sec.1.3 a.	Upon completion of the Well Workover phase, the Well Workover ERP will be shelved and, to improve efficiency, the ESW ERP will be consolidated with the Installation ERP.	**Commitment**	ESW	Emergency Mgmt	Senior Management Team	Planned
889	39	Table 4 Para.1 Early Site Works	Sewage from the onsite trailer will be hauled to the Tuktoyaktuk sewage lagoon. Domestic waste will be stored indoors or in secure airtight bear proof containers and transported to the Hamlet of Tuktoyaktuk landfill for disposal on a daily basis.	**Commitment**	ESW	Waste	Environmental	In Progress
890	39	Table 4 Para.2 Early Site Works	Oily rags, spill pan waste, or any other equipment-maintenance-related "oily" waste will be stored separate from domestic waste in secure airtight bear proof containers and transported to an approved landfill for disposal on a daily basis.	**Commitment**	ESW	Waste	Environmental	In Progress
891	39	Table 4 Para.2 Early Site Works	All spills will be cleaned up and disposed per the Spill Contingency Plan.	**Commitment**	ESW	Waste	Environmental	In Progress
~~892~~	~~39~~	~~Table 4 Para.3 Early Site Works~~	~~Site Preparation may require removal of the tundra organic layer. This material will be stored and re-used for reclamation purposes.~~	~~**Commitment**~~	~~ESW~~	~~Permafrost and Soil~~	~~Environmental~~	~~Implemented and Closed~~
~~893~~	~~39~~	~~Table 4 Para.3 Early Site Works~~	~~Extra brush will be collected, mulched, and trucked away for use off-site or disposal in a landfill. Brush will not be disposed by burning on-site.~~	~~**Commitment**~~	~~ESW~~	~~Permafrost and Soil~~	~~Environmental~~	~~Implemented and Closed~~
~~894~~	~~40~~	~~Pg.1 Para.1~~	~~Our usable findings and recommendations are provided only through an 'Issued for Use' document, which will be issued after this review.~~	~~**Commitment**~~	~~ESW~~	~~Permafrost and Soil~~	~~Geotechnical~~	~~Implemented and Closed~~
895	40	Appendix A Sec.1.2	KIGGIAK-EBA will archive a protected digital copy of the original signed and/or sealed version for a period of 10 years.	**Commitment**	ESW	Permafrost and Soil	Geotechnical	Planned
896	40	Appendix A Sec.1.2	KIGGIAK-EBA's Instruments of Professional Service will be used only and exactly as submitted by KIGGIAK-EBA.	**Commitment**	ESW	Permafrost and Soil	Geotechnical	Planned
897	41	Para.2	IESPL do not intend to own a camp, build a camp, nor operate a camp. The camp will not be located at the production site nor within the IESP project area. It will be located within the boundaries of the Hamlet of Tuktoyaktuk as previously described.	**Commitment**	ESW	Other	Senior Management Team	Planned
898	42	Sec.2.3 Para.2	When animals such as Caribou or Ptarmigan are sighted, the approved Wildlife Monitor will try to leave the animal alone and not cause stress to them. If the animals venture close to a work site, the Monitor will approach from a distance to make the animal aware of human presence in order to persuade the animal to move away from the work area - for the animal's protection.	**Commitment**	ESW	Wildlife	Wildlife Monitor	In Progress
899	34	Sec.1.3 b)	IESPL will ensure that all workers have workers compensation insurance coverage.	**Commitment**	ESW	Health & Safety	Senior Management Team	In Progress
900	48	Response 2.	IESPL agree that we will include a statement on whether or not specific mitigation measures or resolutions were implemented for all future wildlife reporting and spill reporting in Condition 15 filings.	**Commitment**	All Phases	Reporting	Regulatory	Planned

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END OF DOCUMENT TO DATE								

Inuvialuit Energy Security Project

Summary of Conditions Relevant to Early Site Works

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1	1	IHTC Letter of Support	Keep the IHTC informed of IESP progress.	**Condition**	All phases	Community	Community Relations	In Progress
2	1	Hamlet of Tuk LOS	Keep us informed as the IESP progresses.	**Condition**	All Phases	Community	Community Relations	In Progress
3	1	THTC Letter of Support	Ensure opportunites are properly advertised in the community.	**Condition**	All Phases	Community	Community Relations	Life of Project
4	1	THTC Letter of Support	Keep the THTC informed of IESP progress.	**Condition**	All Phases	Community	Community Relations	Life of Project
~~5~~	~~1~~	~~THTC Letter of Support~~	~~Construct a bridge instead of a culvert at the proposed creek crossing site.~~	~~**Condition**~~	~~All Phases~~	~~Drainage~~	~~Civil/Structural~~	~~Implemented and Closed~~
6	1	ICC Letter of Support	Carry out the work in an environmentally responsible manner.	**Condition**	All phases	Environmental Mgmt	Environmental	In Progress
7	1	IHTC Letter of Support	Maintain appropriate environmental standards throughout the project.	**Condition**	All Phases	Environmental Mgmt	Environmental	In Progress
8	1	Town of Inuvik LOS	Ensure work is done in an environmentally responsible manner.	**Condition**	All Phases	Environmental Mgmt	Environmental	In Progress
9	1	Hamlet of Tuk LOS	IPC and its partners ensure appropriate environmental standards are met throughout the project.	**Condition**	All Phases	Environmental Mgmt	Environmental	In Progress
10	1	THTC Letter of Support	Maintain appropriate environmental standards throughout the project.	**Condition**	All Phases	Environmental Mgmt	Environmental	Life of Project
11	1	ICC Letter of Support	Carry out the work safely.	**Condition**	All phases	Health & Safety	HSSE Lead	In Progress
12	1	IHTC Letter of Support	Maintain appropriate safety standards throughout the project.	**Condition**	All phases	Health & Safety	HSSE Lead	In Progress
13	1	Town of Inuvik LOS	Ensure work is done safely.	**Condition**	All phases	Health & Safety	HSSE Lead	In Progress
14	1	Hamlet of Tuk LOS	IPC and its partners ensure appropriate safety standards are met throughout the project.	**Condition**	All Phases	Health & Safety	HSSE Lead	In Progress
15	1	THTC Letter of Support	Maintain appropriate safety standards throughout the project.	**Condition**	All Phases	Health & Safety	HSSE Lead	Life of Project
16	1	ICC Letter of Support	Hire local businesses	**Condition**	All phases	Jobs and Contracts	Human Resources	In Progress
17	1	IHTC Letter of Support	Hire local individuals.	**Condition**	All phases	Jobs and Contracts	Human Resources	In Progress
18	1	Town of Inuvik LOS	Hire local individuals and business, ensuring opportunites are made know first to local enterprises.	**Condition**	All phases	Jobs and Contracts	Human Resources	In Progress
19	1	Hamlet of Tuk LOS	Hire local businesses.	**Condition**	All phases	Jobs and Contracts	Human Resources	In Progress
~~20~~	~~1~~	~~THTC Letter of Support~~	~~Hire local individuals and businesses to the extent possible.~~	~~**Condition**~~	~~All Phases~~	~~Jobs and Contracts~~	~~Human Resources~~	~~Implemented and Closed~~
~~21~~	~~1~~	~~Hamlet of Tuk LOS~~	~~Incorporate lessons learned from the Ikhil Gas Project into your planning for the IESP.~~	~~**Condition**~~	~~All phases~~	~~Other~~	~~Engineering~~	~~Implemented and Closed~~
~~22~~	~~1~~	~~IHTC Letter of Support~~	~~Assess impact of increased trucking on the ITH on Inuvialuit harvester.~~	~~**Condition**~~	~~All phases~~	~~Traffic~~	~~Environmental~~	~~Implemented and Closed~~
~~23~~	~~1~~	~~Hamlet of Tuk LOS~~	~~Cooperate with the Hamlet and GNWT with respect to issues relating to the Inuvik-Tuktoyaktuk Highway~~	~~**Condition**~~	~~All Phases~~	~~Traffic~~	~~Corporate~~	~~Implemented and Closed~~
24	1	ICC Letter of Support	Support training and capacity building for job and contracting opportunities as much as possible.	**Condition**	All phases	Training and Capacity Building	Corporate	In Progress
~~25~~	~~1~~	~~IHTC Letter of Support~~	~~Support training and capacity building for job and contracting opportunities starting early in the project development process.~~	~~**Condition**~~	~~All phases~~	~~Training and Capacity Building~~	~~Corporate~~	~~Implemented and Closed~~
26	1	Hamlet of Tuk LOS	Support training and capacity building for job and contracting opportunities as much as possible.	**Condition**	All phases	Training and Capacity Building	Corporate	In Progress
~~27~~	~~1~~	~~THTC Letter of Support~~	~~Support training and capacity building for job and contracting opportunities starting early in the project development process.~~	~~**Condition**~~	~~All Phases~~	~~Training and Capacity Building~~	~~Corporate~~	~~Implemented and Closed~~
~~28~~	~~1~~	~~IHTC Letter of Support~~	~~Ensure respect and proper planning for wildlife impacts.~~	~~**Condition**~~	~~All Phases~~	~~Wildlife~~	~~Environmental~~	~~Implemented and Closed~~
~~29~~	~~1~~	~~THTC Letter of Support~~	~~Ensure respect and proper planning for wildlife impacts.~~	~~**Condition**~~	~~All Phases~~	~~Wildlife~~	~~Environmental~~	~~Implemented and Closed~~
~~30~~	~~2~~	~~Pg.7 Para.2~~	~~Any significant changes to the scope of the Project Description will require the submission of a revised Project Description to the EISC prior to implementation of those changes.~~	~~**Condition**~~	~~All Phases~~	~~Corporate~~	~~Corporate~~	~~Implemented and Closed~~
~~31~~	~~2~~	~~Sec.11~~	~~The Proponent shall update its Emergency Response Plan and Contingency Plan to include a map which clearly identifies the locations of all Spill Response Equipment located on site.~~	~~**Condition**~~	~~All Phases~~	~~Emergency Mgmt~~	~~Senior Management Team~~	~~Implemented and Closed~~
~~32~~	~~2~~	~~Sec.12~~	~~The Proponent shall include a map identifying the direction of water flow on the site and access road in its final Emergency Response Plan and Contingency Plan.~~	~~**Condition**~~	~~All Phases~~	~~Emergency Mgmt~~	~~Senior Management Team~~	~~Implemented and Closed~~

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~~33~~	~~2~~	~~Sec.14.a)~~	~~The Proponent shall update all applicable management plans associated with the Project to address without limitation the following areas: • Navigability of water bodies; • Management and discharge of wastewater associated with sump reclamation; • Further consider bear denning and completion of site works after annual surveys are completed; • Updating fish habitat plans with baseline information to inform adaptive management; • Updating management plans associated with archaeological interactions; • Updates to the waste management plan to include estimates of waste generated and managed during all Project phases, including all hazardous materials and quantities; • Ensure measures are in place to reflect the >50 year life of the project and the potential impacts to barren-ground caribou and harvesting activities and that the mitigations are adequate with regard to disturbance to caribou; • Temporary closure conditions; • Closure condition of the sump after completion of the decommissioning of the facilities and reclamation of the site; and, • Climate change effects.~~	~~**Condition**~~	~~All Phases~~	~~Environmental Mgmt~~	~~Environmental~~	~~Implemented and Closed~~
~~34~~	~~2~~	~~Sec.13~~	~~In order to avoid significant impacts during operations, the Proponent shall develop an Adaptive Management Plan that features a tiered proactive response to unanticipated impacts on site.~~	~~**Condition**~~	~~All Phases~~	~~Environmental Mgmt~~	~~Environmental~~	~~Implemented and Closed~~
~~35~~	~~2~~	~~Sec. 4.a)~~	~~The Proponent shall include in the applicable monitoring plan the following considerations to inform the potential impacts to fish bearing water bodies: • habitat and/or fish disturbances associated with the Project construction phase; • future habitat disruptions as a result of poor planning or inadequate habitat mitigation; and, • increased fish harvesting in the future due to increased access.~~	~~**Condition**~~	~~All Phases~~	~~Fish~~	~~Environmental~~	~~Implemented and Closed~~
36	2	Sec.4.b)	Should any impacts to fisheries be observed during the life of the Project the Proponent is to notify the Fisheries Joint Management Committee and the Imaryuk Monitoring Program of the impacts and the mitigation measures undertaken or planned.	**Condition**	All Phases	Fish	Environmental	Life of Project
37	2	Sec.4.c)	The Proponent shall provide relevant fisheries baseline information to the Fisheries Joint Management Committee.	**Condition**	All Phases	Fish	Environmental	Planned
38	2	Sec.7	The Proponent shall consult and collaborate with the IGC, the THTC, the IHTC, WMAC NWT, and ENR when updating its WWHPP. Updates to the WWHPP may be warranted in response to caribou populations and their interactions with the Project.	**Condition**	All Phases	Harvesting (Wildlife)	Environmental	In Progress
~~39~~	~~2~~	~~Sec.8~~	~~The Proponent shall contact the Prince of Wales Northern Heritage Centre to revise the submitted Archaeological Site Management Plan to consider the number of AoPs within the proposed road routes using the 2019 Archaeological Overview Assessment, and update the management procedures provided in the Archaeological Site Management Plan where necessary.~~	~~**Condition**~~	~~All Phases~~	~~Heritage Arky and Culture~~	~~Environmental~~	~~Implemented and Closed~~
40	2	Sec.1	The sump monitoring shall include all phases of activities (initial rehabilitation, during operations of the project, and post-closure). The monitoring shall include all applicable Valued Components (VCs) that may be directly or indirectly impacted by the sump including but not limited to: permafrost, terrain, hydrology, water quality and vegetation). The duration of postclosure monitoring shall be informed by the monitoring results achieving acceptable closure criteria.	**Condition**	All Phases	Monitoring	Environmental	Life of Project

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~~41~~	~~2~~	~~Sec.14.b)~~	~~The Proponent shall update all applicable monitoring plans associated with the Project, and update the plans to address without limitation the following items:~~ ~~• Completion of annual survey for bear dens;~~ ~~• Potential impacts to fisheries;~~ ~~• Greenhouse gas emissions and air quality; and~~ ~~• Additional monitoring associated with the sump to include all project phases (inclusive of post-closure) and relevant VCs, inclusive of water quality and vegetation monitoring downgradient of the sump within the existing impacted area, as well as permafrost and geotechnical monitoring.~~	~~**Condition**~~	~~All Phases~~	~~Monitoring~~	~~Environmental~~	~~Implemented and Closed~~
42	2	Sec.15	The Proponent shall adhere to the commitments outlined in its PD, those included in its responses to IR #001-044, and the Proponent's January 5th, 2021 letter. As outlined in section 7.0 of the Project Description, these commitments should be included on the Commitment and Concordance Register.	**Condition**	All Phases	Other	Senior Management Team	Life of Project
43	2	Sec.14.a)	Updates to the emergency response and contingency plan to include: a site specific map that identifies locations of spill response equipment, and a map identifying the direction of flow of runoff water and water drainages about the site and access road;	**Condition**	All Phases	Spills	Environmental	In Progress
44	2	Sec.9	The Proponent shall regularly update its Waste Management Plan to ensure it reflects the character and volumes of waste expected to be generated and managed during all phases of the project.	**Condition**	All Phases	Waste	Environmental	In Progress
45	2	Sec.10	The Proponent shall regularly update its Waste Management Plan to reflect current estimates of hazardous materials including characteristics and quantities.	**Condition**	All Phases	Waste	Environmental	In Progress
~~46~~	~~2~~	~~Sec.2~~	~~The Proponent shall seek additional guidance from the Inuvialuit Water Board regarding this activity and whether a water licence is required.~~	~~**Condition**~~	~~All Phases~~	~~Water~~	~~Regulatory~~	~~Implemented and Closed~~
~~47~~	~~2~~	~~Sec.3~~	~~The Proponent shall seek a determination from Transport Canada whether Gunghi Creek is navigable and proceed accordingly.~~	~~**Condition**~~	~~All Phases~~	~~Water~~	~~Regulatory~~	~~Implemented and Closed~~
~~48~~	~~2~~	~~Sec.6.a)~~	~~The Proponent shall review and revise its WWHPP to address additional stipulations included in the 2019 Guidelines.~~	~~**Condition**~~	~~All Phases~~	~~Wildlife~~	~~Environmental~~	~~Implemented and Closed~~
~~49~~	~~2~~	~~Sec.6.b)~~	~~The Proponent shall ensure that the WWHPP addresses all stages of the project and will adapt to changes in wildlife populations, wildlife use/habitat, and harvesting.~~	~~**Condition**~~	~~All Phases~~	~~Wildlife~~	~~Environmental~~	~~Implemented and Closed~~
~~50~~	~~2~~	~~Sec.6.c)~~	~~The Proponent shall share the revised WWHPP with WMAC NWT, the Inuvialuit Game Council (IGC), the Tuktoyaktuk Hunters and Trappers Committee (THTC), the Inuvik Hunters and Trappers Committee (IHTC), and ENR; and seek comments prior to finalizing the WWHPP updates.~~	~~**Condition**~~	~~All Phases~~	~~Wildlife~~	~~Environmental~~	~~Implemented and Closed~~
~~51~~	~~2~~	~~Sec.6.d)~~	~~The Proponent shall include in the revised WWHPP the engagement process it will undertake with representative Inuvialuit organizations should there be a wildlife mortality to a species under a 'management order'.~~	~~**Condition**~~	~~All Phases~~	~~Wildlife~~	~~Environmental~~	~~Implemented and Closed~~
~~52~~	~~2~~	~~Sec.5~~	~~The Proponent shall submit a report to the GNWT Department of Environment and Natural Resources (ENR) and the Wildlife Management Advisory Council — Northwest Territories(WMAC-NWT) on the results of any past or future bear den surveys and revise the WWHPP to include a protocol describing how it will proceed in the event that construction activities disturb a bear potentially denning in the area. In accordance with the Wildlife Act, no work shall proceed until this has been completed.~~	~~**Condition**~~	~~All Phases~~	~~Wildlife Habitat~~	~~Environmental~~	~~Implemented and Closed~~

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231	8	Pg.2 Para.5	As per the commitment in your letter, I request that IPC submit relevant socio-economic information on a regular basis. My PRD team will contact you to identify what data would be beneficial to the Government of the Northwest Territories and to establish a frequency of submission.	**Condition**	All Phases	Community	Community Relations	Planned
232	8	Pg.4 Para.3	Commit through this letter to provide annual reports on employment, to ensure that all northerners are given access to jobs (second only to Inuvialuit) and contracting opportunities (second only to Inuvialuit registered companies), and to work along-side your departments to ensure that this project brings maximum benefit to the region.	**Condition**	All Phases	Reporting	Human Resources	In Progress
~~233~~	~~9~~	~~Pg.2 Para.5~~	~~The Commission directs IPC, with respect to the Notice of Hearing (Appendix A) and this letter, to: 1. Distribute copies of the Notice of Hearing and this letter by no later than 12 August 2021 to all persons listed in Appendix B and Appendix C to this letter; 2. Post the Notice of Hearing on IPC's IESP Project website immediately; 3. Publish the Notice of Hearing no later than 23 August 2021 at minimum in the Inuvik Drum, L'Aquilon, and NWT News/North (weekly publications); 4. File with the CER by 27 August 2021, a complete list of dates when the Notice of Hearing was published; and5. Make copies of the Development Plan Application available f or the public at IPC's office and provide the location of this office on IPC's Project website by 13 August 2021.~~	~~**Condition**~~	~~Consultation~~	~~Community~~	~~Regulatory~~	~~Implemented and Closed~~
~~250~~	~~13A~~	~~Sec.6.1.3 Para.2~~	~~To protect the permafrost surrounding the well, IPC has committed to placing a gelled fluid in the area between the well casing and the production tubing to limit heat transfer from the well to the permafrost.~~	~~**Condition**~~	~~ESW~~	~~M-18 Well~~	~~Geotechnical~~	~~Implemented and Closed~~
251	13A	Sec.6.1.3 Para.3	IPC submitted that it installed ground temperature cables at four locations in the Project Area in March 2020 to depths of between eight metres and 20 metres and committed to monitor the permafrost temperatures in the Project Area during the life of the project.	**Condition**	All Phases	Monitoring	Environmental	Life of Project
~~253~~	~~13A~~	~~Sec.6.1.3 Para.2~~	~~Gravel thickness on the pads and road will be sufficient to bear all loads and provide thermal stability and protect the permafrost.~~	~~**Condition**~~	~~ESW~~	~~Permafrost and Soil~~	~~Geotechnical~~	~~Implemented and Closed~~
254	13A	Sec.6.1.3 Para.3	IPC stated that all facilities, including storage tanks,will be built on ad-freeze piles on top of insulating gravel pads to protect the permafrost.	**Condition**	Design - Facility	Permafrost and Soil	Civil/Structural	In Progress
~~256~~	~~13A~~	~~Sec.6.1.2 Para.1~~	~~IPC stated that the proposed all-season access road will be routed 100 meters or greater from seven ponds in the Project Area and will require a bridge across one unnamed stream.~~	~~**Condition**~~	~~ESW~~	~~Water~~	~~Civil/Structural~~	~~Implemented and Closed~~
~~528~~	~~22~~	~~Appendix 1 Pg.2 Sec.5~~	~~IESPL must file with the CER, no later than 10 days after the authorization for Early Site Works is issued: a) signed and audited 2022 financial statements and notes for the Inuvialuit Petroleum Corporation that demonstrate sufficient funds to support the parental guarantee; and b) a statement signed by an officer of the Inuvialuit Petroleum Corporation that no material financial changes occurred between the end date of the financial statements (e.g. 31 Dec 2021) and the date of issuance of the authorization for Early Site Works.~~	~~**Condition**~~	~~ESW~~	~~Corporate~~	~~Corporate~~	~~Implemented and Closed~~
~~529~~	~~22~~	~~Appendix 1 Pg.2 Sec.6~~	~~IESPL must file with the CER, at least 45 days before Early Site Works construction: a) for approval, a final, executed copy of the parental guarantee, in the amount and substantively in the final form submitted by IESPL on the MH-002-2022 hearing record, as proof of financial responsibility in relation to Early Site Works; and b) a final copy of the insurance policy or policies in relation to Early Site Works, referenced on the MH-002-2022 hearing record.~~	~~**Condition**~~	~~ESW~~	~~Corporate~~	~~Corporate~~	~~Implemented and Closed~~

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Updated: 2025-01-15

Submitted to CER 2025-01-15

CER ID	CER Source	Section or Paragraph #	Commitment Description	Type	Phase	Aspect	Lead By (2024)	Progress Status
530	22	Appendix 1 Pg.2 Sec.7	IESPL must notify the CER in writing, within five business days of learning that there are, or there will be, any material changes to: a) the financial position of the guarantor that may affect IESPL's ability to address loss, damage, costs, and expenses caused by spills or debris from Early Site Works for the IESP. An example of a material change in financial position may be a significant draw of credit; b) IESPL's form of proof of financial responsibility, as filed in support of Condition 6 to this authorization, including but not limited to cancellation or amendments to theparental guarantee; c) the financial information submitted by IESPL as part of the MH-002-2022 hearing in support of its proposed form and amount of proof of financial responsibility, including material changes to relevant insurance policies; or d) IESPL's ability to continue to own and/or operate the IESP.	**Condition**	ESW	Corporate	Corporate	Life of Project
~~531~~	~~22~~	~~Appendix 1 Pg.4 Sec.13~~	~~IESPL must file with the CER, at least seven days prior to commencing Early Site Works construction:~~ ~~a) a copy of the Northwest Territories' Commissioner in Executive Council consent to the Commission's approval of amendments to Part 1 of the IESP Development Plan, set out in the Letter Decision dated 22 June 2023 (Consent); or~~ ~~b) an alternate date for when IESPL will file the Consent with the CER, and the reason for the delay in filing.~~	~~**Condition**~~	~~ESW~~	~~Corporate~~	~~Corporate~~	~~Implemented and Closed~~
532	22	Appendix 1 Pg.5 Sec.16	IESPL must file with the CER, within 30 days after completing Early Site Works construction, a confirmation that the Early Site Works were completed and constructed in compliance with all applicable conditions in this Letter Decision. If compliance with any of these conditions cannot be confirmed, IESPL must file with the CER details as to why compliance cannot be confirmed. The filing required by this condition must include a statement confirming that the signatory to the filing is a responsible officer of IESPL.	**Condition**	ESW	Corporate	Corporate	Planned
~~533~~	~~22~~	~~Appendix 1 Pg.3 Sec.8~~	~~IESPL must file with the CER, at least 45 days prior to commencing Early Site Works construction, updated copies of the following documents specifically reflecting Early Site Works:~~ ~~a) Contractor Management Procedure;~~ ~~b) Incident Accident Reporting and Management Procedure;~~ ~~c) Emergency Response Plan; and~~ ~~d) Field operating guides for emergency response~~	~~**Condition**~~	~~ESW~~	~~Emergency Mgmt~~	~~Senior Management Team~~	~~Implemented and Closed~~
534	22	Appendix 1 Pg.1 Sec.3	IESPL must implement or cause to be implemented all of the policies, practices, programs, mitigation measures, recommendations, procedures, and its commitments for the protection of the environment included or referred to in the application for authorization for Early Site Works and related submissions.	**Condition**	All Phases	Environmental Mgmt	Environmental	In Progress
~~535~~	~~22~~	~~Appendix 1 Pg.3 Sec.9~~	~~IESPL must file with the CER, at least 45 days prior to commencing Early Site Works construction, the following documents:~~ ~~a) Ambient Air (Dust) Monitoring Procedure;~~ ~~b) Noise Monitoring Procedure;~~ ~~c) Digital Light Intensity Monitoring Procedure;~~ ~~d) Wildlife Sighting Reporting Procedure;~~ ~~e) Bear Den Screening Procedure;~~ ~~f) Ground Temperature Monitoring Procedure;~~ ~~g) Driver Monitoring Procedure; and~~ ~~h) Land User Interaction Reporting Procedure.~~	~~**Condition**~~	~~ESW~~	~~Monitoring~~	~~Environmental~~	~~Implemented and Closed~~

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536	22	Appendix 1 Pg.3 Sec.11	IESPL must: a) file with the CER and post on the IESP website, at least 45 days prior to commencing Early Site Works construction, a Commitment Tracking Table listing all commitments made by IESPL in the application for authorization for Early Site Works and related submissions, which includes: i) reference to the documentation in which each commitment appears (for example: the application and subsequent filings; responses to information requests; any permit, authorization, or approval requirements; condition filings; Environmental Impact Screening Committee decision; or other documents); ii) the accountable lead person for implementing each commitment; and iii) the estimated timeline required to fulfill each commitment. b) update the status of each commitment in part a) on the IESP website and file these updates with the CER, identifying the updates in a blackline version, on a quarterly basis until the end of the seventh year following the completion of Early Site Works construction. c) maintain at IESPL's construction office(s): i) a current copy of the Commitment Tracking Table required in (a) above, and the status of each condition, as required in (b) above; ii) copies of any permits, approvals, or authorizations issued by federal, territorial, or other permitting authorities, which include environmental conditions, recommendations, or site-specific mitigation or monitoring measures; and iii) any subsequent changes to permits, approvals, or authorizations referenced in c) ii).	**Condition**	ESW	Other	Regulatory	In Progress
~~537~~	~~22~~	~~Appendix 1 Pg.1 Para.2~~	~~Where a condition requires a filing for Commission approval, IESPL must not commence the indicated activity until the Commission issues its written approval of that filing.~~	~~**Condition**~~	~~All Phases~~	~~Other~~	~~Corporate~~	~~Implemented and Closed~~
538	22	Appendix 1 Pg.1 Sec.1	IESPL must comply with all of the conditions contained in this Authorization for Early Site Works unless the Commission otherwise directs or, where appropriate, an authorization or exemption is granted pursuant to subsection 54(1) of the Northwest Territories' Oil and Gas Operations Act.	**Condition**	ESW	Other	Corporate	In Progress
539	22	Appendix 1 Pg.1 Sec.2	IESPL must cause the approved Early Site Works to be designed, located, constructed, and operated in accordance with the specifications, standards, commitments made, and other information referred to in the application for authorization for Early Site Works and related submissions.	**Condition**	ESW	Other	Construction Contractor	In Progress
~~540~~	~~22~~	~~Appendix 1 Pg.3 Sec.10~~	~~IESP must file with the CER, at least 45 days prior to commencing Early Site Works construction, a Quality Assurance/ Quality Control Plan that: a) outlines the necessary actions required to ensure that the design of Early Site Works, including the Energy Centre pad, access road, bridge, culverts, and adfreeze piles, is appropriate for their intended purposes; and b) confirms that all work, including construction of the Energy Centre pad, access road and installation of the bridge, culverts, and adfreeze piles, will be supervised by a Professional Engineer registered with the Northwest Territories and Nunavut Association of Professional Engineers and Geoscientists.~~	~~**Condition**~~	~~ESW~~	~~Other~~	~~Civil/Structural~~	~~Implemented and Closed~~
542	22	Appendix 1 Pg.4 Sec.12	IESPL must file with the CER, at least 30 days prior to commencing Early Site Works construction, a detailed construction schedule or schedules identifying major construction activities and must notify the CER of any modifications to the schedule or schedules as they occur.	**Condition**	ESW	Reporting	Construction Contractor	In Progress

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543	22	Appendix 1 Pg.4 Sec.15	IESPL must file with the CER, by the 15th and the last day of each month during Early Site Works construction, construction progress reports. Each report must include: a) information on the activities carried out during the reporting period; b) any environmental, socio-economic, safety, and security issues, and issues of non-compliance; c) the measures undertaken for the resolution of each issue identified in paragraph (b) above; and d) information on safety performance indicator trends, such as, but not limited to: i) cumulative total, and contractors', recordable injury rates and/or frequency; ii) total, and contractors', lost time injury rates and/or frequency, iii) total, and contractors', preventable motor vehicle incident rates and/or frequency, and iv) respective benchmarks for all safety performance indicators submitted, as set by IESPL.	**Condition**	ESW	Reporting	Regulatory	In Progress
544	22	Appendix 1 Pg.5 Sec.17	IESPL must file with the CER, within 270 days after completing Early Site Works construction, a post-construction report that includes but is not limited to: a) as-built documentation, with appropriate certification, for Early Site Works, including the Energy Centre pad, access road, bridge, culverts, and adfreeze piles; b) confirmation that IESPL followed its Quality Assurance/Quality Control Plan for Early Site Works (Condition 10); and c) an explanation of any deviations to the approved design of Early Site Works, including the Energy Centre pad, access road, bridge, culverts, or adfreeze piles, with documentation of Professional Engineer approval, as required.	**Condition**	ESW	Reporting	Civil/Structural	Planned
545	22	Appendix 1 Pg.5 Sec.18	IESPL must file with the CER, on or before 31 January following each of the first, third, fifth, and seventh complete growing seasons after completing final clean-up from Early Site Works construction, a Post-Construction Environmental Monitoring Report that: a) describes the methodology used for monitoring, the criteria established for evaluating success, and the results found; b) identifies the issues to be monitored, including but not limited to unexpected issues that arose during construction, and their locations (for example, on a map or diagram, in a table); c) describes the current status of the issues (i.e., resolved or unresolved), any deviations from plans, and corrective actions undertaken; d) assesses the effectiveness of the mitigation measures, both planned and corrective, applied against the criteria for success; e) includes a detailed summary of IESPL's consultation undertaken with the appropriate territorial and federal authorities, co-management boards, and interested Indigenous Peoples; and f) provides proposed mitigation measures and the schedule that IESPL would implement to address ongoing issues or concerns. The report must include, but is not limited to, information specific to the effectiveness of mitigation measures applied to minimize effects on: soil (erosion and sedimentation), permafrost, watercourse crossings, water quality, wildlife and wildlife habitat, and wildlife species at risk and of special concern.	**Condition**	ESW	Reporting	Environmental	Planned

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546	22	Appendix 1 Pg.6 Sec.19	IESPL must file with the CER, on or before 28 February each year, a Permafrost Monitoring and Protection Report that includes the following information: a) annual results of the permafrost monitoring program; b) a site layout plan showing the location of the monitoring equipment. The site plan must also show the location of the structures and foundation elements at the sites for the Energy Centre and the bridge; c) an updated list of monitoring equipment being used and planned to be installed,including a description of the state of the equipment and any damage incurred during the year, and replacement plans; d) the state of the permafrost, including temperature below surface and the depth of the active layer at the monitoring locations identified in the site plan from b) and any other monitoring locations added during the year; e) a description of the performance of the foundations at the bridge location and Energy Centre site that were constructed during Early Site Works, including a list of locations needing mitigation and the types of mitigation measures to be implemented; f) the results of any permafrost monitoring along the all-weather gravel access road, including the results of visual observation, permafrost instrumentation readings, and any proposed mitigation measures; and g) an update on climate conditions and their impacts on the permafrost in the general area surrounding the project, including a description of the general area considered, and a comparison to the state of permafrost within the project footprint.	**Condition**	ESW	Reporting	Environmental	In Progress
~~547~~	~~23~~	~~Para.5~~	~~Conduct in-water undertakings and activities during periods of low flow, or during frozen conditions.~~	~~**Condition**~~	~~ESW~~	~~Fish~~	~~Environmental~~	~~Implemented and Closed~~
~~548~~	~~23~~	~~Para.5~~	~~Limit impacts on riparian vegetation to those approved for the work, undertaking or activity; Removal of riparian vegetation should be kept to a minimum and limited to the right-of-way of the bridge; Re-vegetate the disturbed area with native species suitable for the site;~~	~~**Condition**~~	~~ESW~~	~~Fish~~	~~Environmental~~	~~Implemented and Closed~~
~~549~~	~~23~~	~~Para.5~~	~~Stabilize any waste materials removed from the work site to prevent them from entering the watercourse;~~	~~**Condition**~~	~~ESW~~	~~Fish~~	~~ESW Contractor~~	~~Implemented and Closed~~
~~550~~	~~23~~	~~Para.5~~	~~Develop and implement an erosion and sediment control plan to minimize the introduction of sediment into any waterbody during all phases of the work, undertaking or activity;~~	~~**Condition**~~	~~ESW~~	~~Fish~~	~~Environmental~~	~~Implemented and Closed~~
551	23	Para.5	Monitor the watercourse to observe signs of sedimentation during all phases of the work, undertaking or activity and take corrective action;	**Condition**	ESW	Monitoring	Environmental	In Progress
~~552~~	~~23~~	~~Para.5~~	~~Operate machinery on land in stable dry areas or from a barge;~~	~~**Condition**~~	~~ESW~~	~~Fish~~	~~ESW Contractor~~	~~Implemented and Closed~~
~~553~~	~~23~~	~~Para.5~~	~~Develop and implement a response plan to avoid a spill of deleterious substances.~~	~~**Condition**~~	~~ESW~~	~~Fish~~	~~Environmental~~	~~Implemented and Closed~~
~~554~~	~~23~~	~~Para.9~~	~~We recommend that you notify this office at least 10 days before starting your project and that a copy of this letter be kept on site while the work is in progress.~~	~~**Condition**~~	~~ESW~~	~~Fish~~	~~Regulatory~~	~~Implemented and Closed~~
END OF DOCUMENT TO DATE								