

**ATTACHMENT:****Federal Authority Advice Record****Response due by February 16, 2021**

ATCO Salt Cavern Storage Expansion Project – ATCO Energy Solutions Ltd.

Agency File: 005789

Registry Number: 81297

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1. Is it probable that your department or agency may be required to exercise a power or perform a duty or function related to the Project to enable it to proceed?

If yes, specify the Act of Parliament and that power, duty or function.

WAGE does not hold any regulatory power, functions or duties.

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2. Is your department or agency in possession of specialist or expert information or knowledge that may be relevant to the conduct of an impact assessment of the Project?

Specify as appropriate.

WAGE holds expertise in the application of GBA+ and intersectional analysis as well and information related to gender-based violence.

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3. Has your department or agency considered the Project; exercised a power or performed a duty or function under any Act of Parliament in relation to the Project; or taken any course of action that would allow the Project to proceed in whole or in part?

Specify as appropriate.

No.

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4. Has your department or agency had previous contact or involvement with the proponent or other party in relation to the Project? (for example, enquiry about methodology, guidance, or data; introduction to the project)

Provide an overview of the information or advice exchanged.

No.

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5. Does your department or agency have additional information or knowledge not specified, above?

Specify as appropriate.

No.

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6. From the perspective of the mandate and area(s) of expertise of your department or agency, what are the issues that should be addressed in the impact assessment of the Project, should the Agency determine that an impact assessment is required?

For each issue discussed, provide a concise, plain-language summary that is appropriate for inclusion in the Summary of Issues.

See attachment.

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Denise Gareau

Name of Departmental / Agency Responder

Director, Research Results and Delivery

Title of Responder

Signature

Date

## **Federal Authority Advice Record: Designation Request under IAA – ATCO Salt Cavern Storage Expansion Project – ATCO Energy Solutions Ltd.**

### **Introduction**

ATCO Energy Solutions Ltd. (the Proponent) is proposing an expansion of existing storage capacity with the development of four additional salt caverns to store Natural Gas Liquids (NGLs) for the growing petrochemical industry. Each cavern would have a working capacity of approximately 100,000m<sup>3</sup>. Currently, the Proponent owns and operates four NGL storage caverns containing propane, butane or ethylene. A fifth cavern is currently under construction. The proposed project will also include associated surface facilities including a product handling facility and a brine pond. The storage facility is located about 14 kilometres northeast of Fort Saskatchewan, in Alberta's Industrial Heartland. It is the largest hydrocarbon processing region and one the most established value-add manufacturing centres in Canada<sup>1</sup>.

Oil and gas projects have different impacts upon women, men and diverse persons and people from a range of groups and communities in a variety of ways. This can range from employment opportunities, access to revenues, compensation or benefits and expanded investment in the local community; to decision making roles for new innovation and technologies; to access to services and programs that account for the perspective, knowledge and experiences of individuals and communities. It is important to try to understand these impacts and to determine whether mitigation is required.

The following are the Department for Women and Gender Equality's (WAGE) key suggested areas/issues for the proponent to consider using a Gender-based Analysis Plus (GBA+) lens to understand the differential impacts of the industry sector on diverse populations in this particular context.

### **Overview of Gender-based Analysis Plus (GBA+)**

GBA+ is a process for examining how different groups of women, men and gender diverse people may experience government initiatives. The "plus" in GBA+ acknowledges that a complete assessment of impacts must go beyond sex and gender differences and take into account other critical factors such as race, ethnicity, religion, age, mental or physical disability, sexual orientation, geography, language, income and education. When only impacts on men and women are considered, there is a risk of not adequately accounting for diverse experiences. GBA+ should be undertaken throughout the entire process of a project's lifecycle, from the early identification of the project through to the evaluation of the project's impacts. GBA+ is integral to any strategy for the creation of inclusive projects because it helps improve the predictability of outcomes and minimize unintended consequences.

Conducting a GBA+ of an initiative can reveal differential impacts or unintended barriers, prompting the development of mitigation strategies to strengthen the initiative, thus helping promote equity. Similarly, equity considerations should be used throughout the design and implementation of the engagement process to ensure inclusiveness. For example, attention should be given to groups that have been underrepresented in impact assessment and resource development research and practice, such as women and people with disabilities, recent immigrants, among others.

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<sup>11</sup> <https://iaac-aeic.gc.ca/050/documents/p81297/137847E.pdf>

GBA+ informed analysis will:

- Consider, for example, who does what, who has what, who decides and how are values defined;
- Examine the wider social, legal and economic environment where rules and routines in organizations or in other societal structures (e.g. laws, policies, decision-making structure, family organizations, etc.) and systems of power (e.g. colonization, sexism, racism, ableism, etc.) becomes obstacles for certain individuals or groups;
- Assess intersectional factors, with the objective to identify and understand people that are most marginalized due to overlapping identity factors (e.g. project impacts on not only able-bodied women but women with disabilities or older men);
- Allow not only for the identification of potential impacts or unintended negative impacts on diverse individuals or groups, but also how a project may reinforce and/or challenge existing inequalities; and
- Examine how expected positive impacts may be distributed differently across diverse groups.

These dynamics are not always easily identified; therefore a comprehensive GBA+ should include several strategies, such as reviewing disaggregated data and relevant studies/ documents to create a diagnostic of the current environment. The analysis should look not only at demographics but also information on socio-economic conditions and cultural trends in order to obtain a context-specific analysis. The underlying causes and conditions are most often found in institutions in society – including the family, community and state. An institutional analysis would seek to identify the broader factors that contribute to gender inequality, including an overview of the legal framework, both informal and formal, such as relevant labour laws and policies, searching for provisions that guarantee equality before the law. Analysis should also be complemented with qualitative information that can be generated through consultation with an emphasis on groups that may not actively engage on their own, drawing on participatory and ethnographic approaches.

Should it be required, the Impact Statement could include information on the explicit effort that will be made to identify activities and investments to narrow the gender gaps and other disparities. The project proponent could include how they plan to monitor impacts of the project on specific populations. The goal is to reveal inequalities and design mitigation strategies.

Additional information on GBA+ and diversity analysis is available at the following:

<https://research-groups.usask.ca/reed/documents/CEAA%20Report.FINAL.%20Walker%20Reed%20Thiessen.%20Gender%20Diversity%20IA.Feb%208%202019.pdf>

### **Documenting the context – Creating a baseline**

As the proponent prepares the Impact Statement, there would be a need to document baseline information about communities potentially impacted by the project. This would include basic data and gender analysis as it relates to the social, economic and health impacts, such as gender and poverty, division of labour, the differential situation of women and men vis-à-vis key indicators (such as literacy, land access, participation in fishing/agriculture, political participation, etc.). The information should bring to the surface gender differences and disparities of a core problem or issue demonstrating that some groups face different or distinct or higher barriers and risk than others. The analysis should move beyond the descriptive (e.g. percentage of low income people) to ask critical questions about gender norms, roles and relations and how these influence gendered power relations (e.g. who has what, who does what, etc.) in a particular context. It should also demonstrate linkages between the economic and legal environment where norms and

rules in organizations or in other societal structures become obstacles for certain groups (e.g. historical or contextual issues that have limited access to opportunities).

## **Disaggregated data**

Detailed overview of the target population group(s) and local context will be necessary in the Impact Statement. This will allow to clearly identify the segments of the population that will either benefit or be negatively impact by the project. For example, the initial project description described the location of the project in relation to local communities and Indigenous groups in the area. Population data is disaggregated by sex, as well as indigeneity, and some health indicators (e.g., obesity) is disaggregated data by sex, however, where possible, data should be further disaggregated to include information such as the impact to subgroups within the project area of influence, such as Indigenous people, women, low income, under or unemployed, disabled, seniors and vulnerable groups. It is important to collect disaggregated data in order to understand how individuals in the communities may be impacted and how they may experience differential impacts. Disaggregated baseline information will be essential in the Impact Statement to demonstrate changes over the life of the project and to provide a reference point for assessing gender equality results. Extracting this data normally involves consulting a range of sources, such as government statistics, administrative reports or previous studies. If data gaps exist, this should be mentioned up from in the Impact Statement and additional steps should be taken to fill gaps in information. For instance, while there is a rise in census participation from Indigenous communities, the information may not always be available or shared.

The qualitative information, including gender sensitive data, should also be complimented by qualitative insights from studies or consultations, and from various sources. For example the Impact Statement should provide a detailed profile of socio-economic conditions of the households and communities that may be affected by the group.

## **Public engagement and decision making**

Consultations with various groups and individuals, including residents and Indigenous groups, are an important element of the GBA+ process. The initial project description outlines that the project will take place in an area that has been designated for Heavy Industrial (Heartland) use. The Proponent indicates they plan to engage with local land owners, occupants and residents within a 1.5km radius of the Project and 24 Indigenous groups in the region. Further detail will be required on the participants in the engagement plan to ensure transparent and inclusive processes. Companies often fail to adequately consult with women or diverse groups when negotiating access to land, compensation or benefit-sharing agreements. In addition, language and information materials should be accessible to all. If not adequately consulted, this can disempower and disadvantage individuals as groups, and may also undermine traditional decision-making structures. Communities also have different social, economic and political conditions and cultural specificities that combine in different ways to enable or constrain women's agency and leadership. It is important to understand decision making processes and abilities of individuals or groups in the local area – not only who, but also the different kinds of decisions people make, particularly related to the use of resources.

Ultimately, the Impact Statement may want to understand people's decision making abilities about development in the community, particularly on the use of resources. An Impact Statement can provide information on how the project intends to support culturally sensitive participation of women and diverse groups in decision making.

## **Social needs and well-being**

The Impact Statement should also include information on what was heard through the engagement or consultation process on social needs and well-being. Including diverse perspectives in engagement and consultation processes supports the identification of different needs, particularly as it relates to social needs such as health or social services. For example, when barriers are identified to women's participation, such as lack of child care services, measures can be considered to provide childcare service or creating child-friendly spaces during meetings. Similarly, there are cases where men gain employment in industrial projects and withdraw their labour from traditional subsistence activities, such as hunting, fishing, gathering and/or trapping, which can create – and exacerbate existing – gender inequalities in the communities.

The initial project description indicates that no impacts to human health are predicted as a result of the proposed project. Potential effects will need to be identified and confirmed through the proponent's engagement and consultation with potentially impacted communities and Indigenous groups. The Impact Statement will also need to demonstrate how engaging community members helps ensure that the specific needs of men, women and diverse groups of people are understood and adverse impacts are mitigated or positive impacts enhanced.

## **Access and control over resources**

Access and control over resources is concerned with both the availability of resources, and the benefits that come from the use of these resources. The project proponent may wish to include information in the Impact Statement on how access and use of resources, such as education, information and services will be impacted by the implementation of the proposed project. The Impact Statement should elaborate on how the proponent plans to implement local employment and policies and planning, while using local skills and supporting local initiatives.

In order for the project to be sustainable and inclusive, the Impact Statement may want to identify resources in the community, and then understand who accesses these resources. For example, if traditional livelihoods are affected and women are unable to access employment due to skill shortages, the project can consider ways to support women's employment in the industry or hire businesses owned by local and/or Indigenous women in the supply chain.

In addition, to understand the constraints and barriers faced by certain individuals or groups in access to and use of resources, the Impact Statement should describe the social norms and broader social power structures such as legal frameworks that can impact women, men and diverse groups of people's ability to equally benefit from the opportunities in the oil and gas sector.

## **Economic opportunities**

Economic opportunities and access to the financial benefits of projects is often limited for women and for a range of diverse groups. Moreover, the Impact Statement should describe whether the project will generate significant benefits and opportunities for local communities, such as who from the communities will benefit and the potential for diverse labour force and considerations, including women's employment or entrepreneurship opportunities in the sector. It should also outline employment rates in the area and describe the level or nature of unemployment in the local area (e.g. people with low levels of educational attainment, specific sectors).

The initial project description provided very high-level information on median income in the county, and states that the project will employ four full-time operators and some temporary work during construction, , however potential socio-economic effects should be identified and confirmed through the proponent's engagement and consultation with potentially impacted communities and Indigenous groups. As the project proponent develops the Impact Statement, information should be included on how women and men and diverse groups of people are employed either as wage earners in the labour market or in customary livelihood occupations. This is particularly relevant for Indigenous communities where "pluri-activity" often characterizes household incomes. The proponent may wish to include information on what potential it has for increasing employment for women and other under-represented groups in the sector and for local workers more generally. The proponent may wish to identify measures that will be undertaken to support the recruitment, development and retention of these workers. Information on the training opportunities that will be made available for prospective workers may also be of relevance. This could include collaboration with local learning institutions to deliver training targeted to these populations. Measures related to the supply-chain may also be considered like, for example, the creation of incentives or criteria that favour local suppliers. Consideration could also be given as to who the project can have positive implications on the local economy more broadly. This can include for example, as it relates to supplying food, accommodations or potentially as it relates to purchasing construction materials. The proponent may also wish to describe in the Impact Statement its own workforce development plans as they relate to diversity and inclusion.

## **Gender-Based Violence**

In certain cases, projects can generate and result in increasing migration and influx of transient workers. In most cases, men remain over-represented in the Oil and Gas sector. The Impact Statement should identify and assess the potential issues of gender-based violence (e.g. sexual harassment, violence against women, human trafficking). The Impact Statement will need to explore these potential issues and increased risks such as gender-based violence, which can make women feel less safe in their homes and communities. The Impact Statement will need to identify the specific vulnerable groups among women (e.g., Indigenous, younger women) that are often disproportionately affected by these health and safety risks, including intimidation and discrimination. Risks and negative impacts can also be experienced by groups that are not specifically targeted by the project.

Gender-based violence (GBV) is a persistent problem in all societies and should be explored in the assessment, for example, to ensure that the proponent and worksite contractors take measures to prevent sexual harassment and violence. The Impact Statement should include an overview of the legal framework, such as relevant labour laws and policies related to GBV. For example, Canada's laws governing domestic violence and the jurisdictions to address the problems differ from province to province. The Impact Statement should also consider mitigation measures, where relevant, such as programs to support the safety and security of people, including codes of conduct and programs to engage men as change agents – arguable one of the most challenging aspects of promoting gender equality. If temporary infrastructure is required, such infrastructure should include washroom facilities that are safe spaces for all workers. Should it be relevant, the proponent should include in the Impact Statement background information on GBV in the impacted communities and how project interventions may have unintended impact or increased risk in the development of the project.

## **Conclusion**

While GBA+ should be embedded throughout the Impact Statement and Impact Assessment, a specific section that summarizes key issues and identifies mitigating measures to address these issues can be useful as it helps form the basis for a GBA+ implementation framework. It is

recommended that key issues and practical measures be prioritized, rather than devising an exhaustive list that might not be realistic to implement. Underpinning these key actions with indicators of success and monitoring progress regularly also helps institutionalize gender equality and inclusion in the project.