

# **APPENDIX D**

## **Impact Assessment Act - Significance Of Environmental Effects Determination (Seed) Form**

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# IMPACT ASSESSMENT ACT - SIGNIFICANCE OF ENVIRONMENTAL EFFECTS DETERMINATION (SEED) FORM

The purpose of this form is to summarize and document the significant adverse environmental effects of a project as per s.82 of the IAA. Consult the Basic / Non-Basic Project Requirements (s 3.6 of Departmental Procedure) for details. The SEED Form can be completed internally by the proponent for Basic projects or via a Consultant/PSPC for Non-Basic projects. Complete as much detail as possible and upload to PATH. Follow the SEED Guidelines (Entry Instructions & Linkages to PATH Record Keeping and Impact Assessment Act Registry). ROEC is available to provide advice on how to complete the SEED form as required.

## GENERAL INFORMATION

<b>1. Project Title:</b> Building upgrades	
<b>2. Proponent:</b> DFO RPSS	
<b>3. Other Contacts:</b> PSPC	<b>4. Role of each contact:</b> OGD Consultant
<b>5. Source (Contact):</b> Dean Simms, PSPC Project Manager	
<b>6. Received Date or Assessment starting date:</b>	
Fill out all applicable fields (7-10):	
<b>7. PATH No(s):</b>	<b>8. DFO File No:</b>
<b>9. EKME File No.:</b>	<b>10. Canadian Impact Assessment Registry Reference No.:</b> 80801

## PROJECT DESCRIPTION and JUSTIFICATION

**11. Project Summary:**

The proposed project will increase building efficiency and eliminate reliance on fossil fuels to the greatest extent possible. The proposed upgrades will include changes to the building envelope (i.e. replacement of windows, doors, insulation), the installation of a 25KW solar array system and the replacement of the existing oil fired heating system with a new wood fed system that will be either pellet fed or a biomass hydronic system. To accommodate the solar array system and associated exterior electrical components, petroleum hydrocarbon impacted soils will also be excavated and removed from the site and transported to an approved soil treatment facility in Happy Valley – Goose Bay, NL. A 6900 litre above-ground fuel tank will also be removed from the site.



## PROJECT REVIEW

### 12. Rationale for the Application of section 82 of IAA

Project is on federal land  and;

- DFO-RPSS is proposing the project, as the proponent
- DFO-RPSS proposal to issue *Fisheries Act* Authorization, *Species at Risk Act* Permit or other regulatory approval
- DFO-RPSS proposal to provide financial assistance to another party to enable the project to proceed
- DFO-RPSS proposal to lease or sell federal land to enable the project to proceed
- Other

### 13. Primary Authority: DFO RPSS

14. Primary Authority's rationale for involvement: DFO are the proponent for the project.

15. Other Authority's rationale for involvement: n/a

16. Other Contacts and Responses: As part of the IAA process for this project, an information sharing letter containing a description of the proposed project was sent by PSPC, on behalf of DFO RPSS, to the Nunatukavut Community Council on June 24<sup>th</sup>, 2020. A follow-up letter was sent on August 10, 2020; No responses were received from the Nunatukavut regarding this project as part of this process. It is important to note that DFO RPSS has previously engaged the Nunatukavut on this project. Responses generated as a result of that engagement have not been included as part of this assessment, although it is understood that the project has generally been well-accepted and no major concerns were expressed.

### 17. Nature of Project:

- |   |   |   |
|---|---|---|
| <input checked="" type="checkbox"/> Building and Property Development | <input type="checkbox"/> Remediation and conservation           | <input type="checkbox"/> Airport and Airfields          |
| <input type="checkbox"/> Mines and Minerals                           | <input type="checkbox"/> Maintenance Activities (fences, walls) | <input type="checkbox"/> Dams and Reservoirs            |
| <input type="checkbox"/> Ports and Harbours                           | <input type="checkbox"/> Nuclear Energy                         | <input type="checkbox"/> Railways                       |
| <input type="checkbox"/> Oil and Gas                                  | <input type="checkbox"/> Bridges                                | <input type="checkbox"/> Hydroelectric Energy           |
| <input type="checkbox"/> Highways and Roads                           | <input type="checkbox"/> Waste Management                       | <input type="checkbox"/> Alternative Energy             |
| <input type="checkbox"/> Water Management                             | <input type="checkbox"/> Agriculture                            | <input type="checkbox"/> Other, not otherwise specified |
| <input type="checkbox"/> Recreation and Tourism                       | <input type="checkbox"/> Forestry                               |   |

### 18. Scope of Project & the Assessment (details of the project subject to review)

The proposed project will increase building efficiency and eliminate reliance on fossil fuels to the greatest extent possible. The proposed upgrades will include changes to the building envelope (i.e. replacement of windows, doors, insulation), the installation of a 25KW solar array system and the replacement of the existing oil fired heating system with a new wood fed system that will be either pellet fed or a biomass hydronic system. To accommodate the solar array system and associated exterior electrical components, petroleum hydrocarbon impacted soils will also be excavated and removed from the site and transported to an approved soil treatment facility in Happy Valley – Goose Bay, NL. A 6900 litre above-ground fuel tank will also be removed from the site.

The project will utilize standard construction practices for this type of work. The use of heavy equipment and skilled labour is anticipated throughout the construction phase of the project. The operational phase of this project will be similar to current building operations with an anticipated life-span of at least 25 years. Any potential future decommissioning of current infrastructure will adhere to standard construction/best management practices and may need to be assessed under separate cover, at the time of decommissioning.



**19. Project Location:**

*(ex. Details of location – address, latitude/longitude points, access routes, nearest community, local waterbody, geographic object type, and/or reference figures)*

The proposed project is located in the community of St. Lewis located in Southern Labrador at coordinates Latitude: 52°21'57.20"N, Longitude: 55°41'32.07"W. The project is occurring on federal lands (DFRP#58590) and is accessible from Shoal Point Road via provincial Route 513 (Appendix A). The immediate project site may be considered a commercial/industrial property with sparse vegetation, gravel and exposed bedrock present. The nearest waterbody – Fox Harbour – is located approximately 150-200 metres away.

**ENVIRONMENTAL EFFECTS & MITIGATION MEASURES**

**20. Scope of Effects Considered**

**Table 1: Potential Project / Environment Interactions Matrix**

Note, this is a reductive list of the cope of effects to consider. Include in the Matrix and other scopes applicable and refer to definition of Environment and Environmental Effects as noted in the Departmental Guidance.

Add the following symbol to the applicable Valued Ecological Components (VECs):

“+” = potential positive interaction

“-” = potential negative interaction

“+/-”= potential positive and negative interactions

VECs	Environmental Acts			Impacts with Respect to Indigenous Peoples				Other Impacts & Due Diligence								
	Fish (Fisheries Act)	SARA	Birds (MBCA)	Health and Socio Economic	Physical and Cultural Heritage	Land use	HAPA* Significance	Health and Socio Economic	Physical and Cultural Heritage	HAPA* Significance	Water (ground, surface, drainage, etc.)	Wetlands	Terrestrial / Aquatic Species	Soil / Marine Sediments	Air Quality	Others
<b>Project Phase / Physical Work/Activity</b>																
<b>Project</b>																
<i>Building upgrades including solar panel array installation/soil disturbance</i>																

\*structure, site or thing that is of historical, archaeological, paleontological or architectural significance

**Evaluation of Environmental Effects**

The Valued Ecological Components (VECs) interactions identified in Table 1 must be supplemented with table 2 and section 22 in order to address in Environmental Effects and Mitigation Measures in table 3 in section 23. The physical works/activities and required mitigation measures are detailed. The assessment is based on:

- information provided by the proponent;
- a review of project related activities;
- an appraisal of the environmental setting, and identification of resources at risk;
- the identification of potential impacts within the temporal and spatial bounds;



- community/indigenous knowledge;
- professional judgement of the assessor;
- specialist advice/knowledge from experts.

The significance of project related impacts was determined in consideration of their frequency, the duration and geographical extent of the effects, magnitude relative to natural or background levels, and whether the effects are reversible or are positive or negative in nature. These criteria are described in Table 2 and used in Mitigation Measures.

**Table 2: Assessment Criteria for Determination of Significance**

<b>Magnitude</b>	Magnitude, in general terms, may vary among issues, but is a factor that accounts for size, intensity, concentration, importance, volume and social or monetary value. It is rated as compared with background conditions, protective standards or normal variability.	
	Small	Relative to natural or background levels
	Moderate	Relative to natural or background levels
	Large	Relative to natural or background levels
<b>Reversibility</b>	Reversible	Effects can be reversed
	Irreversible	Effects are permanent
<b>Geographic Extent</b>	Immediate	Confined to project site
	Local	Effects beyond immediate project site but not regional in scale
	Regional	Effects on a wide scale
<b>Duration</b>	Short-term	Between 0 and 6 months in duration
	Medium-term	Between 6 months and 2 years
	Long-term	Beyond 2 years
<b>Frequency</b>	Once	Occurs only once
	Intermittent	Occurs occasionally at irregular intervals
	Continuous	Occurs on a regular basis and regular intervals

**Methodology**

The environmental effects evaluation methodology used in this form focuses the evaluation of those environmental components of greatest concern. Other concerns identified should also added on to the existing form. The VECs most likely to be affected by the project as described are indicated in Table 1. VECs were selected based on ecological importance to the existing environment (above), the relative sensitivity of environmental components to project influences, and their relative social, cultural or economic importance. The potential impacts resulting from these interactions are described below.

**Scoping**

These environmental effects evaluation considers the full range of project / environment interactions and the environmental factors that could be affected by the project as defined above and the significance of related impacts with mitigation.



## 21. Environmental Effects

Provide relevant and reliable information on the environment in the area of the project. In particular, identify those environmental components with which the project may interact and potentially be affected by or conversely, have an effect on the project. Relate back to the effects and their scope. All effects previously identified must be addressed in this section. If no effect is anticipated, this should be noted. (i.e., potential increased total suspended solids may affect marine water quality in the vicinity of the project).

### Soil

- Improper handling, transportation and/or disposal of petroleum impacted soils excavated from project site may result in contamination of soils.
- Improper removal of AST may result in contamination of soils and/or contravention of Storage Tank Systems for Petroleum Products and Allied Petroleum Products Regulations and the Environmental Code of Practice for Aboveground and Underground Storage Tank Systems Containing Petroleum and Allied Petroleum Products.
- An accidental discharge of heavy machinery fuel / fluids or hazardous substances on land may result in contamination of soils.

## 22. Mitigation Measures for Project

(ex. list the effect and its mitigation measures of the work (operation), including factors such as Habitat compensation, SARA, Migratory Birds Act, etc., if applicable. Be consistent with the information provided in the IAA Mitigation Monitoring Form.)

**Table 3: Potential Project/Environment Interactions and Recommended Mitigation Measures**

Project (list example of project activity)	
<u>Effect</u>	<u>Recommended Mitigation Measures</u>
<b>Potential Effects on Soils</b>	
Small, reversible, immediate, short-term, once	<p>Heavy equipment should arrive on-site clean and should be well maintained, free of fluid leaks, etc.</p> <p>Excavated soils from the rear of the building, in the area denoted as impacted with petroleum hydrocarbons, must be transported to the soil treatment facility in Happy Valley – Goose Bay. Re-use and/or disposal of these soils in any other location is not permitted.</p> <p>The contractor should utilize appropriate PPE when handling petroleum impacted soils. A health and safety plan outlining appropriate precautions should be submitted to the project manager prior to the excavation of soils.</p> <p>The removal, disposal, installation, commissioning and/or reinstallation of fuel storage tanks must be completed in accordance with the requirements outlined in the federal Storage Tank Systems for Petroleum Products and Allied Petroleum Products Regulations and the Environmental Code of Practice for Aboveground and Underground Storage Tank Systems Containing Petroleum and Allied Petroleum Products.</p>



**23. Description of any Significant Adverse Environmental Effects of the project (after considering the application of mitigation measures):**

Given the implementation of standard construction best management practices (Appendix B), as well as the mitigations highlighted above, the potential for significant adverse environmental effects as a result of this project are not anticipated.

**24. Other monitoring and Compliance Requirements (i.e., Fisheries Act, Species at Risk Act and/or Migratory Birds Convention Act permits or authorizations) and general follow-up of the Mitigation Measures.**

PSPC will engage an environmental consultant to collect and analyze soil post-removal to determine the remaining extent of petroleum hydro-carbon impacts and to develop an appropriate risk management plan for the site. Samples will be collected immediately following excavation activities and the on-site contractor is required to ensure safe access for the consultant for this purpose.

**OTHER REQUIREMENTS (if applicable)**

**25. Adverse Impact on the rights of Indigenous People of Canada:**

The project is occurring entirely on federal lands (DFRP 58590) within the boundaries of the Nunatukavut First Nation. An assessment of the potential for the project to adversely impact indigenous rights and interests determined that the likelihood was low, given the location and small-scale nature of the project; there is no legal Duty to Consult. However, as part of the IAA process for this project, an information sharing letter containing a description of the proposed project was sent by PSPC, on behalf of DFO RPSS, to the Nunatukavut Community Council on June 24<sup>th</sup>, 2020 in order to advise the Nunatuakavut of the project as well as to provide the opportunity to provide feedback, share relevant knowledge, or express any concerns related to the project or the associated IAA process. A follow-up letter was sent on August 10, 2020; no responses were received from the Nunatukavut regarding this project as part of this process. It is important to note that DFO RPSS has previously engaged the Nunatukavut on this project, outside of the IAA process. Responses generated as a result of that engagement have not been included as part of this assessment, although it is understood that the project has generally been well-accepted and no major concerns were expressed.

**26. Indigenous knowledge provided in respect of the project:**

As part of the IAA process for this project, an information sharing letter containing a description of the proposed project was sent by PSPC, on behalf of DFO RPSS, to the Nunatukavut Community Council on June 24<sup>th</sup>, 2020 in order to advise the Nunatuakavut of the project as well as to provide the opportunity to provide feedback, share relevant knowledge, or express any concerns related to the project or the associated IAA process. A follow-up letter was sent on August 10, 2020; no responses were received from the Nunatukavut regarding this project as part of this process.

**27. Community knowledge provided in respect of the project:**

*(ex. Provide description of community knowledge, such as via public consultation (i.e. public meeting) conducted. If no public consultation, provide rationale.)*

The project is occurring entirely on federal lands and is largely confined to the building structure. Significant adverse environmental impacts are not anticipated. Given the small scale nature of the project and low potential for impacts, community knowledge was not deemed necessary.



## **28. Summary of public notification**

*(ex. Summary of the Registry comments and explain how they have been taken into consideration.)*

This project was posted to the Impact Assessment Registry on June 25<sup>th</sup>, 2020 under Registry # 80801. The Registry posting was open for the required 30-days and the public comment period was closed on July 27<sup>th</sup>, 2020; no comments were received.



## CONCLUSION

### 29. Conclusion on Significance of Adverse Environmental Effects:

(ex. Select one of the following conclusions and define if any significant environmental impacts are anticipated as a result of the proposed project. Summarize any potential impacts are expected to be minimal/high and insignificant/significant.)

- The project is not likely to cause significant adverse environmental effects; DFO-RPSS may exercise its power, duty or function, i.e. may issue the authorization.
- The project is likely to cause significant adverse environmental effects that cannot be justified in the circumstances; DFO-RPSS has decided not to exercise its power, duty or function.
- The project is likely to cause significant adverse environmental effects that may be justified in the circumstances. The project will then be referred to Governor in Council (GIC) as per section 90 to determine if the effects are justified in the circumstances. The GIC decision will determine what action DFO-RPSS will take, i.e. exercise its power, duty or function or not.

Summary:

### 30. Prepared by:

31. Name: Mark McNeil

32. Title: Senior Environmental Specialist, PSPC

33. Date: February 26, 2021

### 34. Approved by:

35. Name: Margo Edison

36. Title: Regional Director, RPSS

37. Date:

## DECISION

### 38. Decision(s) Taken

Based on this SEED conclusion, identify the course of action(s) to take:

- DFO-RPSS to issue *Fisheries Act* Authorization and/or SARA permit
- DFO-RPSS to proceed with project (as proponent)
- DFO-RPSS to provide financial assistance for project to proceed
- DFO-RPSS to provide federal land for project to proceed
- Other: *define*

Include any other decision taken by other authorities (if applicable):

*ex. If different forms were used by other departments, please copy and paste the decision.*

### 39. Approved by:

40. Name: Margo Edison

41. Title: Regional Director, RPSS

42. Date:

**Note: additional signoffs may be added as required by the implicated parties.**

## References

43. References: *Insert all applicable references for reports, websites, personal communications, etc.*



## Appendix A

### Project Location & Site Plan



Project location circled in red, 10 Shoal Point Road, DFRP 58590.



Front-view of St. Lewis C&P Office.

**LEGEND**

-  TEST PIT (DESSAU, 2009)
-  58590-TE-08 TEST PIT (DESSAU, 2008)
-  TEST PIT (SNC-LAVALIN, 2000)
-  TEST PIT (SNC-LAVALIN, 1999)
-  WATER SAMPLING LOCATION
-  BUILDING
-  CHAIN LINKED FENCE
-  STORAGE TANK
-  SEPTIC SEWAGE
-  FORMER STRUCTURE AND STORAGE TANK
-  PRESUMED GROUNDWATER FLOW DIRECTION (DESSAU 2009)
-  ESTIMATED AREA OF PHC IMPACTS IN SOIL EXCEEDING CANADA WIDE STANDARDS

NOTE: THIS DRAWING ILLUSTRATES SUPPORTING INFORMATION SPECIFIC TO A STANTEC CONSULTING LTD. REPORT AND MUST NOT BE USED FOR OTHER PURPOSES.

CLIENT:  
 Public Works and Government Services Canada / Travaux publics et Services gouvernementaux Canada

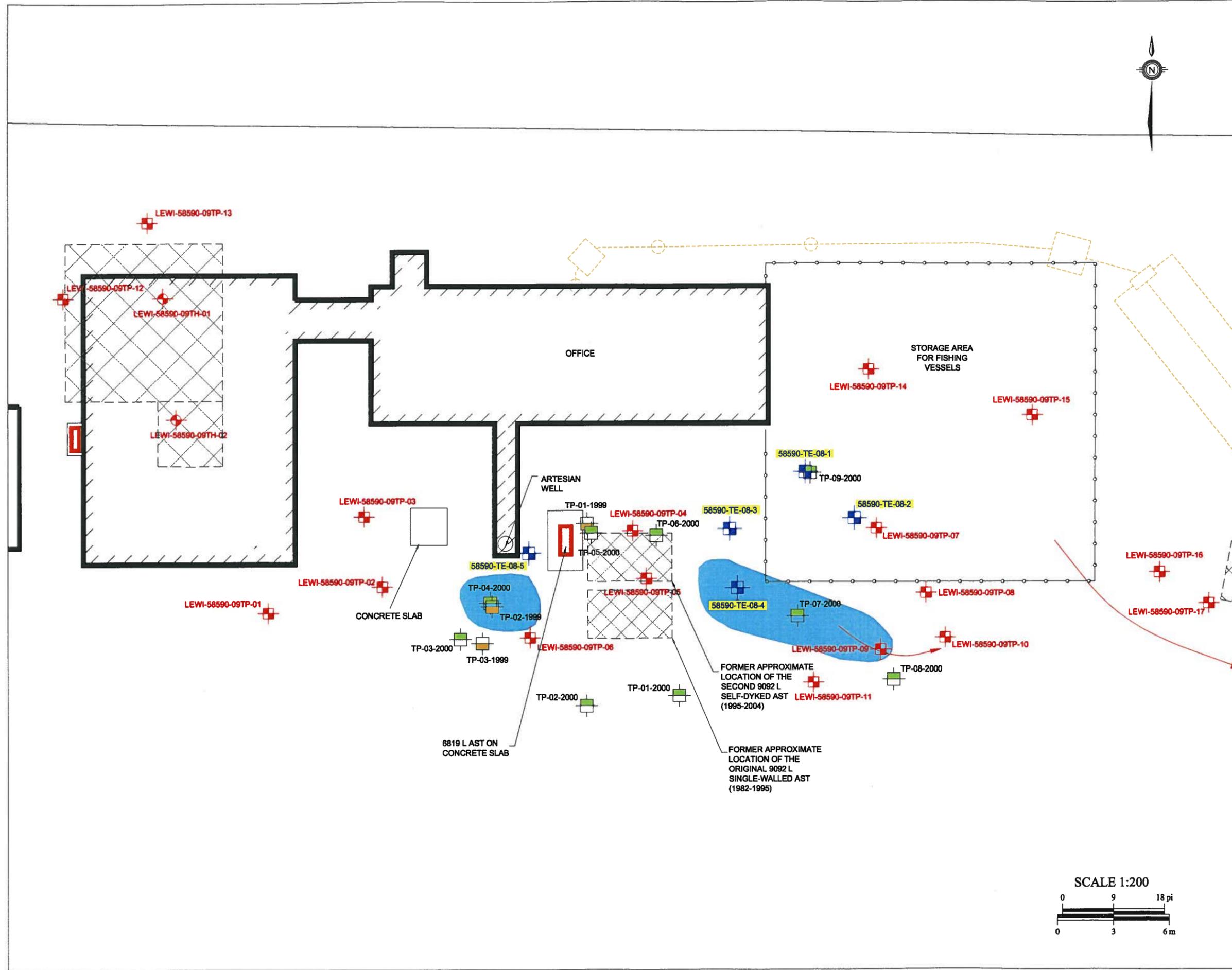
PROJECT TITLE:  
**HUMAN HEALTH AND ECOLOGICAL RISK ASSESSMENT, ST. LEWIS DFO FIELD OFFICE, ST. LEWIS, NL**

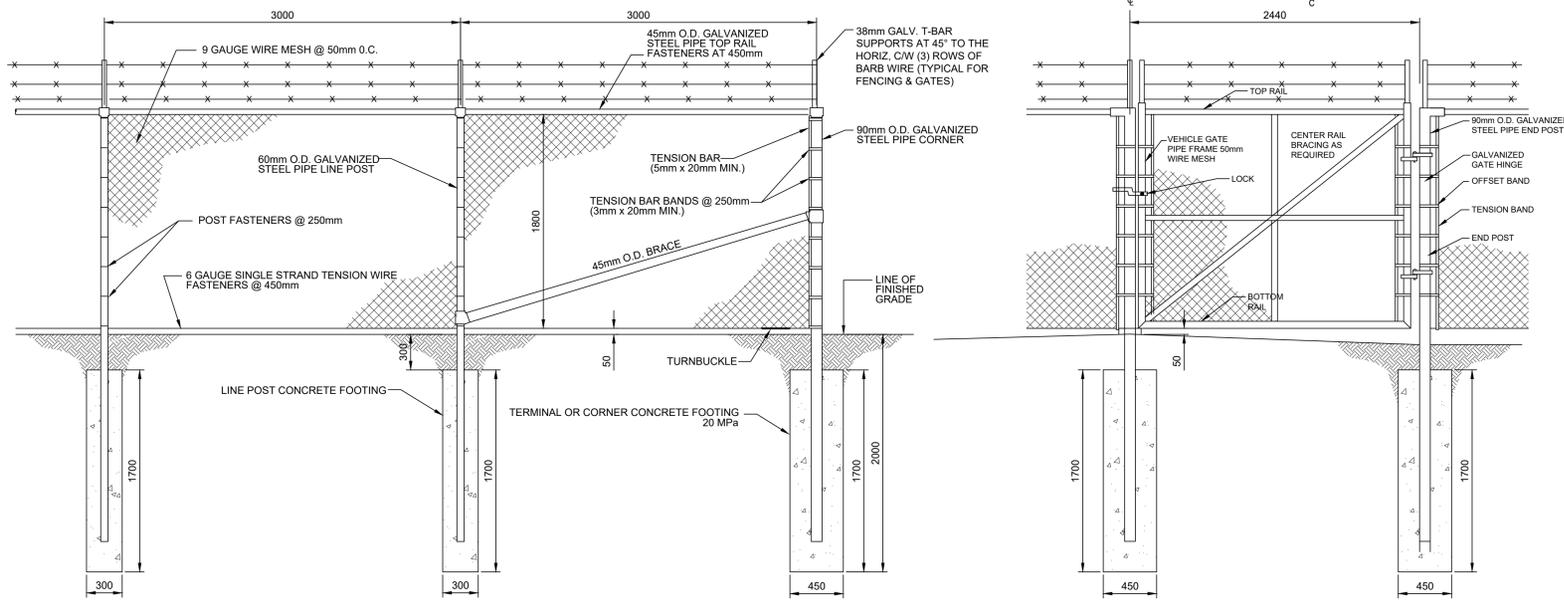
DRAWING TITLE:  
**ESTIMATED AREA OF PETROLEUM HYDROCARBON IMPACTS IN SOIL**

**Stantec Consulting Ltd.**

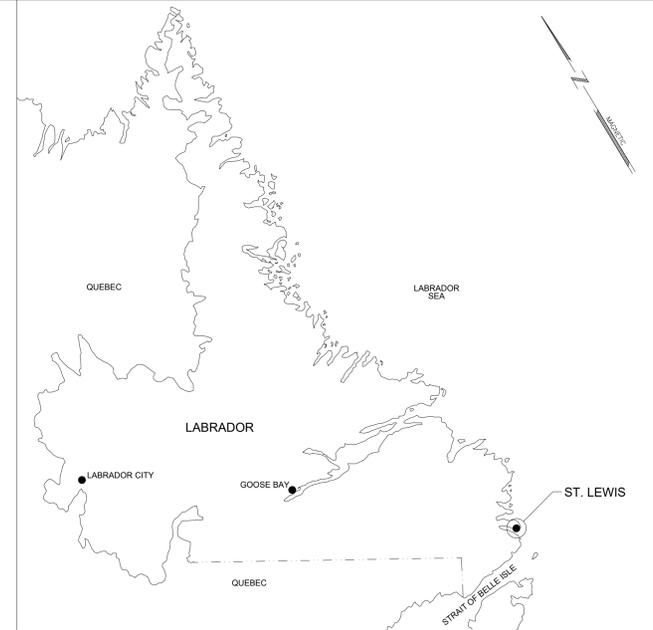


SCALE:	1:500	DATE:	DEC. 16, 2010
DRAWN BY:	R.L.	CHECKED BY:	AA
EDITED BY:	-	REV. No:	0
DRAWING No:	121411344-EE-04		
CAD FILE:	121411344-EE-04.DWG		

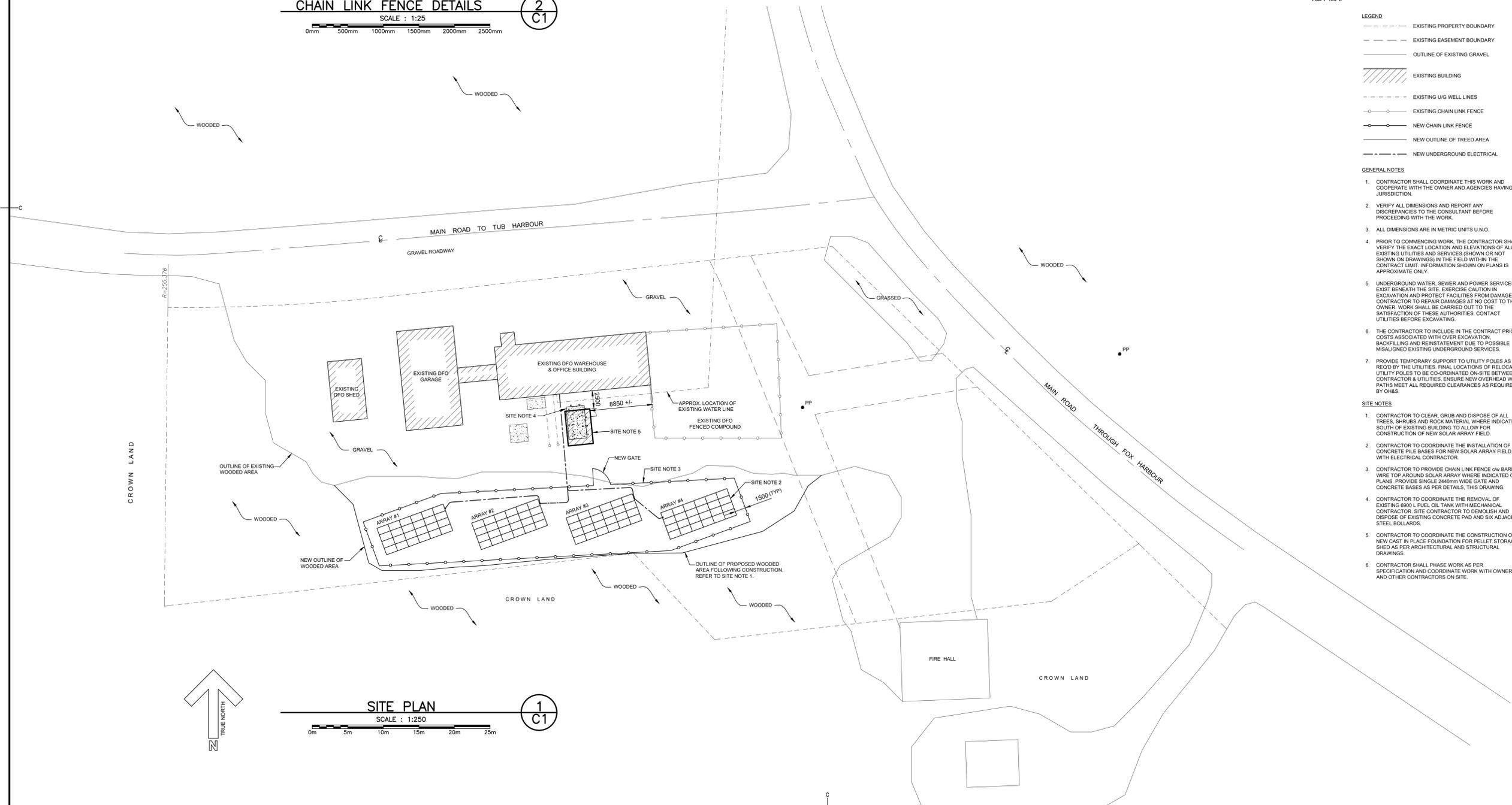




**CHAIN LINK FENCE DETAILS**  
SCALE : 1:25  
0mm 500mm 1000mm 1500mm 2000mm 2500mm



- KEY MAP**
- LEGEND**
- EXISTING PROPERTY BOUNDARY
  - EXISTING EASEMENT BOUNDARY
  - OUTLINE OF EXISTING GRAVEL
  - ▨ EXISTING BUILDING
  - EXISTING U/G WELL LINES
  - EXISTING CHAIN LINK FENCE
  - NEW CHAIN LINK FENCE
  - NEW OUTLINE OF TREADED AREA
  - NEW UNDERGROUND ELECTRICAL
- GENERAL NOTES**
- CONTRACTOR SHALL COORDINATE THIS WORK AND COOPERATE WITH THE OWNER AND AGENCIES HAVING JURISDICTION.
  - VERIFY ALL DIMENSIONS AND REPORT ANY DISCREPANCIES TO THE CONSULTANT BEFORE PROCEEDING WITH THE WORK.
  - ALL DIMENSIONS ARE IN METRIC UNITS U.N.O.
  - PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION AND ELEVATIONS OF ALL EXISTING UTILITIES AND SERVICES (SHOWN OR NOT SHOWN ON DRAWINGS) IN THE FIELD WITHIN THE CONTRACT LIMIT. INFORMATION SHOWN ON PLANS IS APPROXIMATE ONLY.
  - UNDERGROUND WATER, SEWER AND POWER SERVICES EXIST BENEATH THE SITE. EXERCISE CAUTION IN EXCAVATION AND PROTECT FACILITIES FROM DAMAGE. CONTRACTOR TO REPAIR DAMAGES AT NO COST TO THE OWNER. WORK SHALL BE CARRIED OUT TO THE SATISFACTION OF THESE AUTHORITIES. CONTACT UTILITIES BEFORE EXCAVATING.
  - THE CONTRACTOR TO INCLUDE IN THE CONTRACT PRICE COSTS ASSOCIATED WITH OVER EXCAVATION, BACKFILLING AND REINSTATEMENT DUE TO POSSIBLE MISMATCHED EXISTING UNDERGROUND SERVICES.
  - PROVIDE TEMPORARY SUPPORT TO UTILITY POLES AS REQUIRED BY THE UTILITIES. FINAL LOCATIONS OF RELOCATED UTILITY POLES TO BE CO-ORDINATED ON-SITE BETWEEN CONTRACTOR & UTILITIES. ENSURE NEW OVERHEAD WIRE PATHS MEET ALL REQUIRED CLEARANCES AS REQUIRED BY OH&S.
- SITE NOTES**
- CONTRACTOR TO CLEAR, GRUB AND DISPOSE OF ALL TREES, SHRUBS AND ROCK MATERIAL WHERE INDICATED SOUTH OF EXISTING BUILDING TO ALLOW FOR CONSTRUCTION OF NEW SOLAR ARRAY FIELD.
  - CONTRACTOR TO COORDINATE THE INSTALLATION OF CONCRETE PILE BASES FOR NEW SOLAR ARRAY FIELD WITH ELECTRICAL CONTRACTOR.
  - CONTRACTOR TO PROVIDE CHAIN LINK FENCE c/w BARB WIRE TOP AROUND SOLAR ARRAY WHERE INDICATED ON PLANS. PROVIDE SINGLE 2440mm WIDE GATE AND CONCRETE BASES AS PER DETAILS, THIS DRAWING.
  - CONTRACTOR TO COORDINATE THE REMOVAL OF EXISTING 6900 L FUEL OIL TANK WITH MECHANICAL CONTRACTOR. SITE CONTRACTOR TO DEMOLISH AND DISPOSE OF EXISTING CONCRETE PAD AND SIX ADJACENT STEEL BOLLARDS.
  - CONTRACTOR TO COORDINATE THE CONSTRUCTION OF NEW CAST IN PLACE FOUNDATION FOR PELLET STORAGE SHED AS PER ARCHITECTURAL AND STRUCTURAL DRAWINGS.
  - CONTRACTOR SHALL PHASE WORK AS PER SPECIFICATION AND COORDINATE WORK WITH OWNER AND OTHER CONTRACTORS ON SITE.



**SITE PLAN**  
SCALE : 1:250  
0m 5m 10m 15m 20m 25m

PROVINCE OF NEWFOUNDLAND AND LABRADOR  
**PERMIT HOLDER**  
This Permit Allows  
**COLES ASSOCIATES LTD.**  
To practice Professional Engineering  
in Newfoundland and Labrador.  
Permit No. as issued by PEGNL 0503  
which is valid for the year 2020.



1	ISSUED FOR TENDER	06/18 2020
revisions		date

project **DFO ST. LEWIS BUILDING UPGRADES** project

drawing **SITE PLAN, DETAILS & NOTES** dessin

designed SPM, EIT	conçu
date JUNE 2020	
drawn SPM, EIT	dessiné
date JUNE 2020	
approved NL, P.Eng	approuvé
date JUNE 2020	

Tender D.S., PMP  
PWGSC Project Manager Administrateur de projets TPSCG  
project number **R.108233.001** no. du projet

drawing no. **C1 OF 1** no. du dessin



## **Appendix B**

### **Mitigation Monitoring Form**



## IMPACT ASSESSMENT ACT MITIGATION MONITORING FORM

This form ensures that the required environmental monitoring and follow-up are implemented so that no significant adverse impacts occur during the project process. The form should be completed for any project that a) is excluded but requires mitigation measures; or, b) if a SEED is required. If a SEED is required, you may reference the appropriate field sections completed in the SEED. For projects not excluded, this form is to be considered prior to the notice of determination posted on the Registry. Note, this form is mandatory for projects, and supplemental documents (i.e. photos, reports, etc.), and additional days of monitoring may be added as annexes to the form. The form is to be uploaded to PATH when complete.

### GENERAL INFORMATION

- |  |
|--|
| <p>1. <b>Project Title:</b> Building upgrades</p> <p>2. <b>Which of the following have you completed:</b></p> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Significant Environmental Effects Determination (SEED) Form</li> <li><input checked="" type="checkbox"/> Project Exclusion Tracking Form (PETF)</li> </ul> <p>3. <b>File tracking number:</b> (i.e. PATH no, EKME, DFO file no. and/or Registry reference):</p> |
| <p>4. <b>Beginning and End Date/Time of monitoring:</b> TBD</p>  |

### SITE DESCRIPTIONS

- |  |
|--|
| <p>5. <i>Include here site observations, photos, and field drawings ( ex. tide, weather conditions, species). Include as Annex, if necessary.</i></p> <p><b>Include plan view design drawings and as-builts. Indicate areas of soil excavation</b></p> |
|--|

### MONITORING ACTIVITIES

- |   |
|---|
| <p>6. <b>Monitoring activity carried out:</b> (add and check applicable boxes)</p>  |
| <p><input checked="" type="checkbox"/> Field visit during the work (env consultant to visit site during soil excavation)</p>  |
| <p><input checked="" type="checkbox"/> Soil sampling (confirmatory soil sampling to be conducted)</p>                         |
| <p><input checked="" type="checkbox"/> Monitoring for compliance with mitigations included in SEED report (see section 7)</p> |
| <p><input type="checkbox"/></p>   |
| <p><input type="checkbox"/></p>   |
| <p><input type="checkbox"/></p>   |



## MITIGATION MEASURES, MONITORING AND COMPLIANCE REQUIREMENT

7. For projects requiring SEED, the measures should be consistent (copy/paste) with those in mitigation measures of the project (section 23) and the monitoring and compliance requirement identified in Section 25 of the SEED. Check if the measure are in place (yes, no, or n/a). Provide justification, if necessary.

	Are the Measures in place? (check the applicable)			
	Yes	No	N/A	If no or n/a, explain the reason
<b>Mitigation measures in place</b>				
<i>Ex. Negative Soil Impact - Minimize vehicle movement on/over soils. Equipment to be stored on gravel or paved covered areas only.</i>				
Heavy equipment should arrive on-site clean and should be well maintained, free of fluid leaks, etc				
Excavated soils from the rear of the building, in the area denoted as impacted with petroleum hydrocarbons, must be transported to the soil treatment facility in Happy Valley – Goose Bay. Re-use and/or disposal of these soils in any other location is not permitted.				
The contractor should utilize appropriate PPE when handling petroleum impacted soils. A health and safety plan outlining appropriate precautions should be submitted to the project manager prior to the excavation of soils.				
<b>Monitoring and Compliance Requirement</b> (inter and intra departmental requirements)				
<i>Ex. Fisheries Act authorization and it's conditions</i>				
<i>Ex. Species at Risk Permit and it's conditions</i>				
<i>Ex. Migratory birds Convention Act Permit (??) and it's conditions</i>				

## SIGNATURES

8. Prepared/Written by (name, title, organization):

9. Signature:

10. Date:

11. Contact information:

**I certify that the information provided above is accurate and complete and that it is consistent with my interpretation of the work.**



Note : This Mitigation Monitoring Form, or an equivalent report completed by the individual coordinating the on-site work or equivalent authority (ex. Environmental consultant), shall be forwarded to the DFO-CCG Project Authority according to the terms and conditions.