EPBC Act referral

Australian Government
Department of Agriculture, Water and the Environment

Note: PDF may contain fields not relevant to your application. These fields will appear blank or unticked. Please disregard these fields.

Title of proposal	2021/9015 - Crowley Government Services Inc Bulk Fuel Storage Facility

Section 1

Summary of your proposed action

1.1 Project industry type Energy Generation and Supply (non-renewable)

1.2 Provide a detailed description of the proposed action, including all proposed activities

The proposal works are to design and construct a bulk fuel storage facility to store jet fuel. The site proposed for this development is on reclaimed land. There are no significant direct or indirect impacts on the environment from these proposed works. The earth works proposed are on reclaimed soils, all vegetation clearing is of regrowth with the majoring being weeds. Road construction might generate a some noise, dust and lighting but this will not have a significant impact on the surrounding environment. More detail on the proposed project description is in the attached Attachment 1 (Attachment 1 EPBC Sec 1.2. pdf).

1.3 What is the extent and location of your proposed action?

See Appendix B

1.5 Provide a brief physical description of the property on which the proposed action will take place and the location of the proposed action (e.g. proximity to major towns, or for off-shore actions, shortest distance to mainland)

It is proposed that the Bulk Fuel Terminal be established over one land parcel, Section 5720 located immediately north of the Vopak Fuel Terminal. In addition to this the Northern Territory Land Development corporation will construct an access road to the land parcel. This road easement has been included in the project area for the purposes of this assessment. The majority of the land parcel comprises reclaimed land that was formerly the mangroves and salt flats that lay between Quarantine Island and the mainland.

The site and its vicinity are surrounded by mangroves, Darwin Harbour waters, the East Arm wharf and the Darwin Business Park industrial area.

1.6 What is the size of the proposed action area development footprint (or work area) including disturbance footprint and avoidance footprint (if relevant)?

The bulk fuel storage facility is proposed to be established upon Section 5720 (8.8 ha) along Berrimah Road in East Arm. The land parcel has been reclaimed and cleared in anticipation of industrial development for which it is zoned. The entire footprint of works includes the access road of 12.91ha. Clearing will be undertaken on Sec 5720 with approximately 5ha being cleared.

It is anticipated that the bulk fuel storage facility would require clearance of any regrowth. It is proposed that Section 5720 would be used for bulk fuel storage. See Figure 1 - Project Location and Regional Setting attached.

1.7 Proposed action location

Address - 740 Berrimah Rd, East Arm, NT, 0822, Australia

1.8 Primary jurisdiction Northern Territory

1.9 Has the person proposing to take the action received any Australian Government grant funding to undertake this project?

☐ Yes ☑ No

1.10 Is the proposed action subject to local government planning approval?

☑ Yes ☐ No

Note: PDF may contain fields not relevant to your application. These fields will appear blank or unticked. Please disregard these fields.

1.10.1 Is there a local government area and council contact for the proposal?

☐ Yes ☑ No

1.11 Provide an estimated start and estimated end date for the proposed action	Start Date	01/10/2021
	End Date	01/10/2030

1.12 Provide details of the context, planning framework and state and/or local Government requirements

In the NT, the Northern Territory Environment Protection Authority (NT EPA) is responsible for administering proposed actions with the potential to have a significant effect on the environment under the Environment Protection Act 2019 (EA Act). The NT terrestrial components of the project have been referred to the NT EPA for consideration under the EP Act. It is unlikely that a full Environmental Impact Statement (EIS) or similar will be prepared to assess the extent and likelihood of impacts to key environmental and heritage values and land use in the NT from the project.

Refer to Attachment 2 EPBC Sec 1.12 for a full list of legislative requirements.

1.13 Describe any public consultation that has been, is being or will be undertaken, including with Indigenous stakeholders

Consultation on the project has occurred at high levels within the Australian, Northern Territory and US Governments. As Crowley are one of a number of parties currently in a competitive process, they are not in a position to undertake discrete stakeholder engagement on the proposal until after award. The site itself is owned by the Northern Territory Government Land Development Corporation who have previously engaged in environmental review and approvals processes as part of the development of the East Arm Port and business precinct and preparation of the site. The site is gazetted DV for development under the East Arm Control Plan 1998

Refer to Attachment 3 EPBC Sec 1.13 for stakeholder engagement information

1.14 Describe any environmental impact assessments that have been or will be carried out under Commonwealth, State or Territory legislation including relevant impacts of the project

The proposed action is not expected to require an environmental impact statement or equivalent level of assessment in the Northern Territory.

1.15 Is this action part of a staged development (or a component of a larger project)?

☐ Yes ☑ No

1.16 Is the proposed action related to other actions or proposals in the region?

☐ Yes ☑ No

Note: PDF may contain fields not relevant to your application. These fields will appear blank or unticked. Please disregard these fields.

Section 2

Matters of national environmental significance

2.1 Is the proposed action likely to have any direct or indirect impact on the values of any World Heritage properties?

☐ Yes ☑ No

2.2 Is the proposed action likely to have any direct or indirect impact on the values of any National Heritage places?

☐ Yes ☑ No

2.3 Is the proposed action likely to have any direct or indirect impact on the ecological character of a Ramsar wetland?

☐ Yes ☑ No

2.4 Is the proposed action likely to have any direct or indirect impact on the members of any listed species or any threatened ecological community, or their habitat?

☑ Yes ☐ No

Species or threatened ecological community

Refer attached Sec 2.4.1 Impact Table, no significant impact expected

Impact

Refer attached Sec 2.4.1 Impact Table, no significant impact expected

2.4.2 Do you consider this impact to be significant?

☐ Yes ☑ No

2.5 Is the proposed action likely to have any direct or indirect impact on the members of any listed migratory species or their habitat?

☑ Yes ☐ No

Migratory species

Refer attached Sec 2.5.1 Impact Table, no significant impact expected

Impact

Refer attached Sec 2.5.1 Impact Table, no significant impact expected

2.5.2 Do you consider this impact to be significant?

☐ Yes ☑ No

2.6 Is the proposed action to be undertaken in a marine environment (outside Commonwealth marine areas)?

☐ Yes ☑ No

2.7 Is the proposed action likely to be taken on or near Commonwealth land?

☑ Yes ☐ No

2.7.1 Is the proposed action likely to have any direct or indirect impact on the Commonwealth land?

☑ Yes ☐ No

2.7.2 Describe the nature and extent of the likely impact on the whole of the environment

Based on the PMST search there are two listed Commonwealth Land areas within 5km of the proposed project site, these are:

Commonwealth Land – Australian Government Solicitor and Defence – HMAS COONAWARRA (Berrimah). Refer to attached PMST_MDCFMT

Given the distance of these sites from the project area and the nature of the project, there is no expected impact on either of these sites.

2.7.3 Do you consider this impact to be significant?

☐ Yes ☑ No

Note: PDF may contain fields not relevant to your application. These fields will appear blank or unticked. Please disregard these fields.

2.8 Is the proposed action taking place in the Great Barrier Reef Marine Park?

☐ Yes ☑ No

2.9 Is the proposed action likely to have any direct or indirect impact on a water resource from coal seam gas or large coal mining development?

☐ Yes ☑ No

2.10 Is the proposed action a nuclear action?

☐ Yes ☑ No

2.11 Is the proposed action to be taken by a Commonwealth agency?

☐ Yes ☑ No

2.12 Is the proposed action to be undertaken in a Commonwealth Heritage place overseas?

☐ Yes ☑ No

2.13 Is the proposed action likely to have any direct or indirect impact on any part of the environment in the Commonwealth marine area?

☐ Yes ☑ No

Note: PDF may contain fields not relevant to your application. These fields will appear blank or unticked. Please disregard these fields.

Section 3

Description of the project area

3.1 Describe the flora and fauna relevant to the project area

Based on a search of the Department of Environment and Energy (DoAWE) Protected Matters Search Tool (PMST) database there are no threatened flora species that may or are likely to occur within the project area (DoAWE, 2021). No threatened flora species, populations or communities were found in database searches for the site (NT Flora Atlas, Atlas of Living Australia and EPBC Act Protected Matters Report).

Several EPBC Act listed fauna species potentially occur in the search area, including:

13 bird species
11 mammal species, including one whale species
Seven reptile species, including six turtle species

Information obtained from the attached: East Arm Detailed Site Investigation (Section 4 page 7) and the NT EPA Referral BSFS (Section 9 Page 33)

3.2 Describe the hydrology relevant to the project area (including water flows)

Section 5720 is a fully earth-worked site and has been designed to drain via overland flow to a sediment basin located adjacent to Berrimah Road, which discharges to an open drain flowing south-east through Part Section 5633 and discharging to the tidal creek adjacent to Section 5633.

No major rivers or creeks traverse the Project site. The proposed works are in the river basin areas of the Finniss, Howard and Elizabeth Rivers (DEPWS 2021). Due to the urban and peri-urban setting, a series of stormwater drainage systems and catchments are located in the Project area. There is a drainage line (stream) that is mapped to transect the site. Darwin Harbour is located to the northeast of the Project area.

Changes to the stormwater drainage of the site will be required to complete the project.

Whilst groundwater is not anticipated to be encountered during the works associated with the project, it should be noted that groundwater levels in Darwin fluctuate significantly throughout the seasons, generally due to soil permeability and seasonal rainfall patterns. It is possible for groundwater levels to rise to within a few metres of the ground surface during the wet season months.

Section 5720 and Section 5711 will be appropriately earth-worked and engineered to ensure that adequate stormwater drainage is provided, and any erosion and sedimentation minimised

3.3 Describe the soil and vegetation characteristics relevant to the project area

All soils in the Darwin region are susceptible to erosion because of the intense monsoonal rainfall and the structureless and sodic nature of the soils. Even very gentle slopes are prone to erosion if disturbed. Heavy wet season rains and the associated high volumes and velocities of surface water runoff that the project area receives makes disturbed areas more prone to accelerated soil erosion.

Construction activities such as earthworks at the end of the dry season or during the wet season could potentially result in areas of accelerated soil erosion along the road corridor where vegetation clearance and soil disturbance has occurred. Heavy rains could also result in the loss of fill material before it is completely compacted and stabilised.

Potential impacts associated with accelerated soil erosion include (Alt el at 2009):

- Loss of topsoil
- Accelerated erosion and deposition of soil into unwanted areas

Earthworks and clearing of vegetation will expose soil surfaces to water and wind elements. Wind erosion is possible particularly during the dry season. Water erosion is possible particularly during the wet season.

It is expected that some dirt may be deposited onto roads from truck tyres at the points where the road trains exit the site onto the existing road network.

The western portion of Section 5720 overlies marine sediments that have the potential to be acid forming, which could pose an environmental issue should the sediments be excavated, dewatered or otherwise be exposed to air.

Review of the Australian Soil Resource Information System (ASRIS) National Acid Sulfate Soil probability mapping indicates a high probability of occurrence on the southwest side of the project area. The Project area is between 3 and 9 AHD and there is potential for acid sulfate soils to be encountered during excavation works.

Contaminated soil is soil that contains chemicals at levels that potentially pose a hazardous risk to human health and/or the environment. The chemicals are usually present in the land due to human activities, such as heavy industry or chemically intensive activities. As such, although contaminated land can occur anywhere, it is typically clustered in areas where humans undertake these activities. It is unlikely to encounter contaminated soils at this location.

The potential for unexploded ordnance (UXO) to be present in soil within the site is considered to be low given the site has previously been cleared, disturbed, excavated and filled for road construction and commercial development, therefore no UXO clearance survey is proposed to be undertaken prior to commencement of works

Vegetation within the site includes grass, trees and native regeneration areas. The Project area has been previously cleared (pre-2005).

Whilst the Project area is located within the Darwin Harbour Site of Conservation Significance, there are no sensitive or

significant vegetation or buffer areas located within or immediately adjacent to the Project area. The closest significant vegetation type to the project area are mangroves which are located approximately 70m from the northern boundary of the Project area. This distance ensures an appropriate buffer is maintained.

Currently the site surface conditions consist of fill which is derived from mudstone/ phyllite, with some outcropping on the eastern section of the site. The majority of the site is unvegetated, with some clusters of shrubs and small trees (TTC 2021).

Review of the National Vegetation Information System (NVIS) indicates the majority of the site is mapped as Urban/Roads.

3.4 Describe any outstanding natural features and/or any other important or unique values relevant to the project area

There are no outstanding natural features and/or any other important or unique values relevant to this project area.

3.5 Describe the status of native vegetation relevant to the project area

The natural land cover in the area is mangroves and salt marsh. The investigation area however has been cleared so there is little to no vegetation cover. Vegetation within the site includes grass, trees and native regeneration areas. The Project area has been previously cleared (pre-2005).

Whilst the Project area is located within the Darwin Harbour Site of Conservation Significance, there are no sensitive or significant vegetation or buffer areas located within or immediately adjacent to the Project area. The closest significant vegetation type to the project area are mangroves which are located approximately 70m from the northern boundary of the Project area. This distance ensures an appropriate buffer is maintained.

Currently, the site surface conditions consist of fill which is derived from mudstone/ phyllite, with some outcropping on the eastern section of the site. The majority of the site is unvegetated, with some clusters of shrubs and small trees.

3.6 Describe the gradient (or depth range if action is to be taken in a marine area) relevant to the project area

The elevation of the site typically ranges between 3 and 8 m Australian Height Datum (AHD). Which slopes to the North and West in the direction of the Harbour.

3.7 Describe the current condition of the environment relevant to the project area

The proposed location are within Darwin's East Arm Precinct. The East Arm currently supports a range of industrial land uses along with areas reserved for conservation. The site is on reclaimed land, there is no environmental value to this site.

3.8 Describe any Commonwealth Heritage places or other places recognised as having heritage values relevant to the project

There are no Commonwealth Heritage Places within the project area.

3.9 Describe any Indigenous heritage values relevant to the project area

There are no Indigenous Heritage vlaues within the project area.

3.10 Describe the tenure of the action area (e.g. freehold, leasehold) relevant to the project area

Vacant - Freehold

3.11 Describe any existing or any proposed uses relevant to the project area

The location of the site is suitable for the proposed BFSF due to the proximity of established infrastructure, including the existing East Arm Wharf, bulk liquids berth and associated pipelines to the adjacent Vopak Fuel Terminal, as well as arterial road access, power and water supplies. Lot 5720 had been identified by Land Development Corporation as a site for Bulk Fuels.

Road access to the BFSF would be via an access road to be constructed off O'Sullivan Circuit which will give the site good connectivity to the Stuart Highway and the road network of Darwin via O'Sullivan Circuit or Berrimah Road.

There is significant potable water infrastructure (DN600 main) and high voltage (11 kV) aerial and underground distribution mains along Berrimah Road adjacent to the BFSF. Negotiation will be undertaken with the Power and Water Corporation regarding connection to their water and power networks.

The nearest sewerage infrastructure is located along O'Sullivan Circuit to the northeast, with a pump station at the Passenger Rail Terminal (Section 5673). As such, all sewage and process wastewater would most likely be managed on site rather than discharged to sewer.

The existing pipe rack from the wharf to the Vopak/Biofuels/Bulk Fuels precinct will be utilised, as will the existing manifold distribution area on the wharf, currently utilised by Vopak and previously used by the Biofuels project and for acid transfer and storage. The BFSF will transfer fuel through either then existing pipe network or through two new purpose-built pipelines placed on the existing pipe rack which has capacity for the additional pipes. An extension of the pipe rack and pipelines to the BFSF from the Vopak site termination point will be required.

There is an existing pipeline easement from the wharf to the north west corner of the Vopak storage terminal. It is proposed to install a new DN400 carbon steel fully welded pipeline along this same pipe route utilising the existing pipe supports and

road crossing culverts as the existing pipelines. The pipeline and associated pipe supports will then be extended to the northwest corner of Lot 5270 where it will feed the new storage facility. This pipeline will be used to load and unload fuel shipping tankers.

The existing easement contains five pipelines, two of which are not currently used and owned by the NT Government. If these lines are found to be of a suitable size there is an opportunity to lease one of these lines and extend it east to the northwest corner of Lot 5270 and avoid installation of a new pipeline

Note: PDF may contain fields not relevant to your application. These fields will appear blank or unticked. Please disregard these fields.

Section 4

Measures to avoid or reduce impacts

4.1 Describe the measures you will undertake to avoid or reduce impact from your proposed action

In accordance with local legislation and regulations an erosion and sediment control plan will be prepared for any works occurring in the wet season. An environmental management plan for the construction works will be prepared and will include suitable management measures as to not have any sediment, potential contamination, weeds etc leave the site and enter the surrounding environs.

Full details of mitigation measures proposed are contained in attachment NT EPA Referral BFSF table 15, page 29-32 and section 14, page 51.

4.2 For matters protected by the EPBC Act that may be affected by the proposed action, describe the proposed environmental outcomes to be achieved

The environmental outcome sought is the minimisation of impacts on MNES. This will be achieved through the application of avoidance, mitigation and management measures listed in Section 4.1, and implementation of recovery and threat abatement plans for affected species as applicable.

Note: PDF may contain fields not relevant to your application. These fields will appear blank or unticked. Please disregard these fields.

Section 5

Conclusion on the likelihood of significant impacts

5.1 You indicated the below ticked items to be of significant impact and therefore you consider the action to be a controlled action

- ☐ World Heritage properties
- ☐ National Heritage places
- ☐ Wetlands of international importance (declared Ramsar wetlands)
- ☐ Listed threatened species or any threatened ecological community
- ☐ Listed migratory species
- ☐ Marine environment outside Commonwealth marine areas
- ☐ Protection of the environment from actions involving Commonwealth land
- ☐ Great Barrier Reef Marine Park
- ☐ A water resource, in relation to coal seam gas development and large coal mining development
- ☐ Protection of the environment from nuclear actions
- ☐ Protection of the environment from Commonwealth actions
- ☐ Commonwealth Heritage places overseas
- ☐ Commonwealth marine areas

5.2 If no significant matters are identified, provide the key reasons why you think the proposed action is not likely to have a significant impact on a matter protected under the EPBC Act and therefore not a controlled action

The proposed action is not likely to have a significant impact on any MNES identified under the EPBC and is therefore not considered to be a controlled action for the following reasons:

1) The Project area forms part of an existing, highly developed industrial precinct. The Project area is largely reclaimed land that has previously been cleared of vegetation in anticipation of industrial development for which it is zoned.

2) There are no sensitive or significant vegetation or buffer areas located within or immediately adjacent to the Project area. The closest significant vegetation type to the Project area are mangroves which are located approximately 70m from the northern boundary of the Project area. This distance ensures an appropriate buffer is maintained.

3) Clearance of regrowth on the Project area will be minimised to the construction footprint only (subject to detailed design and construction method).

4) Extensive measures will be taken to minimise erosion and sedimentation in accordance with local NT legislation and regulation during both construction and ongoing operation of the proposed facility, which are expected to result in negligible land degradation and negligible impacts to surface water or the marine environment.

5) The facility does not incorporate any ponds or tailings dams. All storage structures are sealed and will not attract or provide opportunities for fauna to be exposed to stored fuel.

6) All fuel transfer structures including equipment associated with loading and unloading of fuel at East Arm Wharf, will be sealed and incorporate no-spill design features, and will not provide opportunities for fauna to be exposed to fuel or contaminants. Emergency management, including fuel spills, on the East Arm Wharf, is controlled by the Port of Darwin under their Oil Spill Contingency Plan - SOP OPS13 (attached in section 4 - SOP_OPS13 - Darwin Port Oil Spill Contingency Plan. pdf)

Note: PDF may contain fields not relevant to your application. These fields will appear blank or unticked. Please disregard these fields.

Section 6

Environmental record of the person proposing to take the action

6.1 Does the person taking the action have a satisfactory record of responsible environmental management? Explain in further detail

Yes. Crowley understands and recognises it has a duty of care to the environment. The company's environmental management record does not include any instances of contraventions or non-compliances with approval conditions.

6.2 Provide details of any past or present proceedings under a Commonwealth, State or Territory law for the protection of the environment or the conservation and sustainable use of natural resources against either (a) the person proposing to take the action or, (b) if a permit has been applied for in relation to the action – the person making the application

There are no past or present proceedings under a Commonwealth, State or Territory law for the protection of the environment or the conservation and sustainable use of natural resources against either (a) the person proposing to take the action or, (b) if a permit has been applied for in relation to the action – the person making the application.

6.3 If it is a corporation undertaking the action will the action be taken in accordance with the corporation's environmental policy and framework?

☑ Yes ☐ No

6.3.1 If the person taking the action is a corporation, provide details of the corporation's environmental policy and planning framework

The Crowley safety, security, and environmental policy clearly articulates a requirement for Crowley companies to plan for the long-term sustainability of the organization, to provide value to stakeholders, to minimize impacts on the environment by procuring and using sustainable resources and services, and to minimize impacts on the environment by reducing emissions from Crowley activities.

These requirements form the foundation of Crowley's sustainability strategy. We live this every day whether it's fueling our vessels with lower emissions fuel, being thought leaders in the emerging renewable energy sector or having trained divers on site to protect sea life during salvage operations.

Refer to attachment Sustainability At Crowley.

6.4 Has the person taking the action previously referred an action under the EPBC Act, or been responsible for undertaking an action referred under the EPBC Act?

☐ Yes ☑ No

Note: PDF may contain fields not relevant to your application. These fields will appear blank or unticked. Please disregard these fields.

Section 7

Information sources

Reference source

Department of Environment and Energy (DoAWE), 2019. Protected Matters Search Tool. Available from: https://www.environment.gov.au/epbc/protected-matters-search-tool. [24 July 2021]

Department of Environment and Energy (DoAWE). 2020. Australasian Underwater Cultural Heritage Database. Available from https://www.environment.gov.au/heritage/underwater-heritage/auchd [24 July 2021]

Department of Environment Protection and Water Security (DEPWS), 2021a. Flora Atlas N.T. Available from: https://nrmaps.nt.gov.au/nrmaps.html. [24 July 2021].

Department of Environment Protection and Water Security (DEPWS), 2021b. Fauna Atlas N.T. https://nrmaps.nt.gov.au/nrmaps.html. [24 July 2021].

Department of Environment Protection and Water Security (DEPWS), 2021. Natural Resources Maps (NR Maps) Northern Territory. Northern Territory Government, Department of Environment and Natural Resources. Available from: https://nrmaps.nt.gov.au/nrmaps.html. [24 July 2021]

Reliability

information is reliable and current

Uncertainties

nil

Reference source

Environment Australia, 2000, Revision of the Interim Biogeographic Regionalisation for Australia (IBRA) and Development of Version 5.1: Summary Report. Environment Australia, Canberra

Inpex Browse Ltd, 2010. Ichthys Gas Field Development Project: draft environmental impact statement. Inpex Browse Ltd, Perth

Northern Territory Government, 2013. Northern Territory Land Suitability Guidelines. Darwin, Australia

Northern Territory Government, 2021. Arts, culture and heritage: Maritime heritage. Available from: https://nt.gov.au/leisure/arts-culture-heritage/visit-a-cultural-or-heritage-site/maritime-heritage. [24 July 2021]

Reliability

information is reliable and current

Uncertainties

nil

Reference source

NT Government, no datea. Sites of Conservation Significance: Darwin Harbour, fact sheet. NT Government. Darwin, Australia

Water Quality Australia, no date. Issues affecting water quality: Acid sulfate soils. Available from: https://www.waterquality.gov.au/issues/acid-sulfate-soils. [24 July 2021]

Reliability

information is reliable and current

Uncertainties

nil

Note: PDF may contain fields not relevant to your application. These fields will appear blank or unticked. Please disregard these fields.

Section 8

Proposed alternatives

Do you have any feasible alternatives to taking the proposed action?

Yes ☑ No

Australian Government
Department of Agriculture, Water and the Environment

Note: PDF may contain fields not relevant to your application. These fields will appear blank or unticked. Please disregard these fields.

Section 9

Person proposing the action

9.1.1 Is the person proposing the action an organisation or business?

☑ Yes ☐ No

Organisation

Organisation name (as registered for ABN/ACN)	Crowley Government Services, Inc.
Business name	
ABN	
ACN	
Business address	201 Arctic Slope Ave, Anchorage, 99518, AK, United States
Postal address	
Main Phone number	+1 907 777 5542
Fax	
Primary email address	sean.thomas@crowley.com
Secondary email address	

9.1.2 I qualify for exemption from fees under Regulation 5.23(1)(ii) of the EPBC Regulations because I am:

☐ Small business
☑ Not applicable

9.1.2.2 I would like to apply for a waiver of full or partial fees under Regulation 5.21A of the EPBC Regulations

☐ Yes ☑ No

9.1.3 Contact (for an organisation - the contact details of the person authorised to sign on behalf of the organisation)

First name	Sean
Last name	Thomas
Job title	Vice President
Phone	
Mobile	
Fax	
Email	sean.thomas@crowley.com
Primary address	201 Arctic Slope Ave, Anchorage, 99518, AK, United States
Address	

Declaration: Person proposing the action (To be signed by the person at 9.1.3)

I, SEAN P. THOMAS **, declare that to the best of my knowledge the information I have given on, or attached to the EPBC Act Referral is complete, current and correct. I understand that giving false or misleading information is a serious offence. I declare that I am not taking the action on behalf or for the benefit of any other person or entity.**

Signature: ..... Date: 3 AUG 2021 Sean P. Thomas

Digitally signed by Sean P. Thomas
DN: cn=Sean P. Thomas, o=Crowley Government Services, Inc., ou=Vice President, email=sean.thomas@crowley.com, c=US
Date: 2021.08.02 08:19:25 -08'00'

I, _____, the person proposing the action, consent to the designation of _____ as the proponent for the purposes of the action described in this EPBC Act Referral.

Signature:.....Date: .....

Note: PDF may contain fields not relevant to your application. These fields will appear blank or unticked. Please disregard these fields.

Proposed designated proponent

9.2.1 Is the proposed designated proponent an organisation or business?

☑ Yes ☐ No

Organisation

Organisation name (as registered for ABN/ACN)	Crowley Government Services, Inc.
Business name	
ABN	
ACN	
Business address	201 Arctic Slope Ave, Anchorage, 99518, AK, United States
Postal address	
Main Phone number	+1 907 777 5542
Fax	
Primary email address	sean.thomas@crowley.com
Secondary email address	

9.2.2 Contact (for an organisation - the contact details of the person authorised to sign on behalf of the organisation)

First name	Sean
Last name	Thomas
Job title	Vice President
Phone	+1 907 360 2555
Mobile	
Fax	
Email	sean.thomas@crowley.com
Primary address	201 Arctic Slope Ave, Anchorage, 99518, AK, United States
Address	

Declaration: Proposed Designated Proponent

I, SEAN P. THOMAS **,the proposed designated proponent, consent to the designation of myself as the proponent for the purposes of the action described in this EPBC Act Referral.**

Sean P. Thomas

Digitally signed by Sean P. Thomas
DN: cn=Sean P. Thomas, o=Crowley Government Services, Inc., ou=Vice President, email=sean.thomas@crowley.com, c=US
Date: 2021.08.03 16:45:18 -08'00'

Signature: ..... Date: .....

Australian Government
Department of Agriculture, Water and the Environment

Note: PDF may contain fields not relevant to your application. These fields will appear blank or unticked. Please disregard these fields.

Referring party (person preparing the information)

9.3.1 Is the referring party an organisation or a business?

☑ Yes ☐ No

Organisation

Organisation name (as registered for ABN/ACN)	PRITCHARD FRANCIS PTY LTD
Business name	
ABN	75008891094
ACN	
Business address	430 Roberts Rd, Subiaco, 6904, WA, Australia
Postal address	
Main Phone number	(08) 9382 5111
Fax	
Primary email address	admin@pfeng.com.au
Secondary email address	

9.3.2 Contact (for an organisation - the contact details of the person authorised to sign on behalf of the organisation)

First name	Richard
Last name	McAllister
Job title	Regional Director Northern Territory
Phone	0417718635
Mobile	
Fax	
Email	richard.mcallister@pfeng.com.au
Primary address	1/8 Knuckey St, Darwin City, 0800, NT, Australia
Address	

Declaration: Referring party (person preparing the information)

I, _____, declare that to the best of my knowledge the information I have given on, or attached to this EPBC Act Referral is complete, current and correct. I understand that giving false or misleading information is a serious offence.

Richard McAllister

Digitally signed by Richard McAllister
DN: C=AU, E=richard.mcallister@pfeng.com.au, O=Pritchard Francis, OU=Regional Director Northern Territory, CN=Richard McAllister
Date: 2021.08.03 11:03:49+09'30'

Signature: ..... Date: .....

Note: PDF may contain fields not relevant to your application. These fields will appear blank or unticked. Please disregard these fields.

Appendix A

Attachment

Document Type	File Name
action_area_images	Attachment 1 EPBC Sec 1.2.pdf
action_area_images	Figure 1 - Porject Location and Regional Setting.pdf
action_area_images	267440-DM-013_A.pdf
public_consultation_reports	Attachment 2 EPBC Sec 1.12.pdf
public_consultation_reports	Attachment 3 EPBC Sec 1.13.pdf
supporting_tech_reports	NT EPA Referral BFSF.pdf
supporting_tech_reports	PMST_MDCFMT.pdf
supporting_tech_reports	East Arm Detailed Site Investigation.pdf
supporting_tech_reports	Sec 2.4.1 Impact Table.pdf
supporting_tech_reports	Sec 2.5.1 Impact Table.pdf
impact_reduction_docs	SOP_OPS13 - Darwin Port Oil Spill Contingency Plan.pdf
corp_env_policy_docs	Sustainability At Crowley.pdf

Appendix B

Coordinates

Area 1
-12.473143961975,130.90524697079
-12.473594412688,130.90555810704
-12.473594412688,130.90555810704
-12.474338178431,130.90342306866
-12.475102893095,130.90363764538
-12.47539620771,130.90288662686
-12.477533204158,130.90086960568
-12.476035213398,130.89900278821
-12.474327702872,130.90076231732
-12.473196340005,130.90285444035
-12.473814399962,130.90317630543
-12.473143961975,130.90524697079