

SDA approval – conditions

Condition 1 - approved plans and documents		Timing
1.1	Carry out the approved use generally in accordance with the approved documents as referenced in Table 1 (including any amendments marked in red), except insofar as modified by any of the conditions of this approval.	To be maintained at all times

Table 1 – approved plans and documents

Title	Prepared By	Document No	Date
Appendix B1 – ROW (right of way)	SMEC	000-G-MAP-2211 Version 4	14/09/2022
Appendix B2 - ROW	SMEC	000-G-MAP-2211 Version 4	14/09/2022
Appendix B3 - ROW	SMEC	000-G-MAP-2211 Version 4	14/09/2022
Appendix B4 - ROW	SMEC	000-G-MAP-2211 Version 4	14/09/2022
Appendix B5 - ROW	SMEC	000-G-MAP-2211 Version 4	14/09/2022
Appendix B6 - ROW	SMEC	000-G-MAP-2211 Version 4	14/09/2022
Appendix B7 - ROW	SMEC	000-G-MAP-2211 Version 4	14/09/2022
Preliminary Contamination Assessment Report	GHD	12560941 Rev A	17/12/2021
General Drawing Register	W3+/MBJV	1151-DL00-W3P-CIV- DRG-00000; Rev 0	9/08/2023
Standard Details: Trench Types	W3+/MBJV	1151-DL00-W3P-CIV- DRG-10001; Rev 1	22/05/2024
Standard Details: Typical Right of Way – 30 Metres	W3+/MBJV	1151-DL00-W3P-CIV- DRG-10008; Rev 0	17/08/2023
Standard Details: Typical Right of Way – 15 Metres	W3+/MBJV	1151-DL00-W3P-CIV- DRG-10009; Rev 0	17/08/2023
DL05 Pipeline Key Plan 5 of 5	W3+/MBJV	1151-DL05-W3P-CIV- DRG-65005; Rev C	5/09/2023
DL07 Connection Details – MMP Tie in Pipework Plan	W3+/MBJV as amended by GPC	1151-DL07-W3P-CIV- DRG-27013; Rev 3	7/12/2023
DL07 Connection Details – MMP Tie in Pipework Sections	W3+/MBJV	1151-DL07-W3P-CIV- DRG-27014; Rev 1	27/10/2023
DL07 Pipeline Key Plan	W3+/MBJV	1151-DL07-W3P-CIV- DRG-67001; Rev 0	2/10/2023
DL05 Pipeline CH 95785.10 – 96485.10	W3+/MBJV	1151-DL05-W3P- PLE- DRG-65138; Rev 1	26/09/2023
DL05 Pipeline CH 96485.10 – 97185.10	W3+/MBJV	1151-DL05-W3P- PLE- DRG-65139; Rev 2	26/09/2023
DL05 Pipeline CH 97185.10 – 97885.10	W3+/MBJV	1151-DL05-W3P- PLE- DRG-65140; Rev 2	13/10/2023
DL05 Pipeline CH 97885.10 – 98585.10	W3+/MBJV	1151-DL05-W3P- PLE- DRG-65141; Rev B	26/09/2023
DL05 Pipeline CH 98585.10 – 99285.10	W3+/MBJV	1151-DL05-W3P- PLE- DRG-65142; Rev 1	26/09/2023

DL05 Pipeline CH 99285.10 – 99985.10	W3+/MBJV	1151-DL05-W3P-PLE-DRG-65143; Rev 1	26/09/2023
DL05 Pipeline CH 99985.10 – 100685.10	W3+/MBJV	1151-DL05-W3P-PLE-DRG-65144; Rev 1	26/09/2023
DL05 Pipeline CH 100685.10 – 101385.10	W3+/MBJV	1151-DL05-W3P-PLE-DRG-65145; Rev 2	13/10/2023
DL05 Pipeline CH 101385.10 – 102085.10	W3+/MBJV	1151-DL05-W3P-PLE-DRG-65146; Rev 1	26/09/2023
DL05 Pipeline CH 102085.10 – 102785.10	W3+/MBJV	1151-DL05-W3P-PLE-DRG-65147; Rev 2	13/10/2023
DL05 Pipeline CH 102785.10 – 103485.10	W3+/MBJV	1151-DL05-W3P-PLE-DRG-65148; Rev 1	26/09/2023
DL05 Pipeline CH 103485.10 – 104185.10	W3+/MBJV	1151-DL05-W3P-PLE-DRG-65149; Rev 1	26/09/2023
DL05 Pipeline CH 104185.10 – 104885.10	W3+/MBJV	1151-DL05-W3P-PLE-DRG-65150; Rev 1	26/09/2023
DL05 Pipeline CH 104885.10 – 105585.10	W3+/MBJV	1151-DL05-W3P-PLE-DRG-65151; Rev 1	26/09/2023
DL05 Pipeline CH 105585.10 – 106285.10	W3+/MBJV	1151-DL05-W3P-PLE-DRG-65152; Rev 1	26/09/2023
DL05 Pipeline CH 106285.10 – 106985.10	W3+/MBJV	1151-DL05-W3P-PLE-DRG-65153; Rev 1	26/09/2023
DL05 Pipeline CH 106985.10 – 107685.10	W3+/MBJV	1151-DL05-W3P-PLE-DRG-65154; Rev 1	26/09/2023
DL05 Pipeline CH 107685.10 – 108385.10	W3+/MBJV	1151-DL05-W3P-PLE-DRG-65155; Rev 1	26/09/2023
DL05 Pipeline CH 108385.10 – 108558.32	W3+/MBJV	1151-DL05-W3P-PLE-DRG-65156; Rev 1	26/09/2023
DL07 Pipeline CH 108899.44 – 109579.44	W3+/MBJV	1151-DL07-W3P-PLE-DRG-67002; Rev 3	27/09/2023
DL07 Pipeline CH 109579.44 – 110279.44	W3+/MBJV	1151-DL07-W3P-PLE-DRG-67003; Rev 0	27/09/2023
DL07 Pipeline CH 110279.44 – 110979.44	W3+/MBJV	1151-DL07-W3P-PLE-DRG-67004; Rev B	27/09/2023
DL07 Pipeline CH 110979.44 – 111679.44	W3+/MBJV	1151-DL07-W3P-PLE-DRG-67005; Rev 0	27/09/2023
DL07 Pipeline CH 111679.44 – 112379.44	W3+/MBJV	1151-DL07-W3P-PLE-DRG-67006; Rev 3	27/09/2023
DL07 Pipeline CH 112379.44 – 113079.44	W3+/MBJV	1151-DL07-W3P-PLE-DRG-67007; Rev 1	20/02/2024
DL07 Pipeline CH 113079.44 – 113779.44	W3+/MBJV	1151-DL07-W3P-PLE-DRG-67008; Rev 0	27/09/2023
DL07 Pipeline CH 113779.44 – 114479.44	W3+/MBJV	1151-DL07-W3P-PLE-DRG-67009; Rev 0	27/09/2023
DL07 Pipeline CH 114479.44 – 115179.44	W3+/MBJV	1151-DL07-W3P-PLE-DRG-67010; Rev 3	27/09/2023
DL07 Pipeline CH 115179.44 – 115879.44	W3+/MBJV	1151-DL07-W3P-PLE-DRG-67011; Rev 3	27/09/2023
DL07 Pipeline CH 115879.44 – 116568.03	W3+/MBJV	1151-DL07-W3P-PLE-DRG-67012; Rev 3	7/12/2023
DL07 Connection Details: DL06/DL07 Connection Detail	W3+/MBJV	1151-DL07-W3P-CIV-DRG-27001; Rev 0	2/10/2023
DL07 Connection Details: MMP Tie In General Arrangement	W3+/MBJV	1151-DL07-W3P-CIV-DRG-27011; Rev 1	27/10/2023

DL07 Connection Details: MMP Tie In Site Set Out	W3+/MBJV	1151-DL07-W3P-CIV-DRG-27012; Rev 1	27/10/2023
Larcom Creek Critical Crossing: General Arrangement	W3+/MBJV	1151-DL05-W3P-CIV-DRG-35140; Rev B	4/05/2023
Larcom Creek Critical Crossing: Details	W3+/MBJV	1151-DL05-W3P-CIV-DRG-35141; Rev B	4/05/2023
Gladstone Mt Larcom Road Critical Crossing: General Arrangement	W3+/MBJV	1151-DL07-W3P-CIV-DRG-37020; Rev 1	26/09/2023
Gladstone Mt Larcom Road Critical Crossing: Details	W3+/MBJV	1151-DL07-W3P-CIV-DRG-37021; Rev 2	13/10/2023
DL07 Standard Details: Isolation Valve Assembly	W3+/MBJV	1151-DL07-W3P-CIV-DRG-17001; Rev 0	2/10/2023
DL07 Standard Details: Air Valve Assembly	W3+/MBJV	1151-DL07-W3P-CIV-DRG-17002; Rev 0	2/10/2023
DL07 Standard Details: Scour Assembly	W3+/MBJV	1151-DL07-W3P-CIV-DRG-17003; Rev 0	2/10/2023
Construction Environmental Management Plan	GAWB	1151-DL00-GWB-XEV-MAP-00001; Rev 1, Issue 2	July 2023
Translocation and Propagation Plan for Listed Threatened Plants – Gladstone State Development Area	Base/GAWB	Rev 0	July 2023
Special Area Plan – Larcom Creek Micro-tunnel Crossing – Revised	Base/GAWB	Rev 5	June 2024
Figure 2.2 – Fitzroy to Gladstone Locality Plan	SMEC	000-G-MAP-2198 Version 3	13/06/2022
Figure 3.5a Watercourses and waterways	SMEC	000-G-MAP-2205 Version 3	13/06/2022
Figure 3.5b Watercourses and waterways	SMEC	000-G-MAP-2205 Version 4	13/09/2022

Condition 2 - commencement the site works / use / decommissioning / rehabilitation		Timing
2.1	Notify the Coordinator-General, in writing, of the date of commencement of site works, construction, use, decommissioning, and rehabilitation following decommissioning.	<i>Within 30 business days of commencement of the relevant stage</i>
2.2	Notify Gladstone Ports Corporation Limited of completion of works within Port land within 14 days of practical completion that the development has been constructed generally in accordance with the approved plans.	<i>Within 14 days of practical completion</i>

Condition 3 – construction environmental management plan		Timing
3.1	Undertake all work generally in accordance with the Gladstone Area Water Board – Fitzroy to Gladstone Pipeline Construction Environmental Management Plan 1151-DL00-GWB-XEV-MAP-00001; Rev 1, Issue 2 dated July 2023 in Condition 1 Table 1 (approved CEMP) which must be current and available on site at all times during the construction period (or stages).	<i>At all times</i>
3.2	A copy of the approved CEMP is to be provided to the Gladstone Ports Corporation Limited for their records.	<i>Prior to construction commencing on Port land</i>

3.3	Any construction fill material proposed to be utilised must be uncontaminated and reused from onsite or sourced from a licensed quarry.	<i>At all times</i>
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Condition 4 – Acid sulfate soils		Timing
4.1	Prepare and submit to the Coordinator-general an acid sulfate soils management plan certified by a suitably qualified and experienced professional in accordance with current best practice that: <ul style="list-style-type: none"> (a) avoids the disturbance of acid sulfate soils (ASS) or (b) ensures that the disturbance of ASS avoids or minimises the mobilisation and release of acid and metal contaminants. 	<i>Prior to commencement of construction</i>
4.2	Clearing must not occur within 100 metres of a salinity expression area. <i>Note: a salinity expression area is defined in the General guide to the vegetation clearing codes – Accepted development vegetation clearing codes dated 7 February 2020 prepared by Department of Natural Resources, Mines and Energy.</i>	<i>As indicated</i>
4.3	Undertake all works, including excavation, removal and on-site treatment of all acid sulfate soils generally in accordance with the certified acid sulfate soils management plan.	<i>Prior to commencement of construction and ongoing</i>
4.4	In the event acid sulfate soils are disturbed/excavated on Port Land and require treatment on site, Gladstone Ports Corporation Limited will be notified and consulted on acid sulfate soil management in accordance with the Acid Sulfate Management Plan as part of the approved CEMP. Verification shall be provided to Gladstone Ports Corporation Pty Ltd that the works have been carried out in accordance with the Acid Sulfate Management Plan.	<i>Immediately upon the discovery, disturbance or excavation of acid sulfate soils on Gladstone Ports Corporation Limited owned land</i>

Condition 5 – vegetation management		Timing
5.1	Vegetation clearing will be undertaken in a sequential manner to allow mobile fauna to disperse away from clearing areas.	<i>Ongoing</i>
5.2	Vegetation clearing extent to be identified by licenced surveyors. Pre-clearance surveys to be conducted by a suitably qualified ecologist to manage compliance of vegetation clearing with the defined clearing extents.	<i>Ongoing</i>
5.3	Prior to clearing, all demarcated habitat features will be checked for fauna by a fauna spotter-catcher and at-risk species will be relocated in accordance with the Gladstone Area Water Board – Fitzroy to Gladstone Pipeline Construction Environmental Management Plan 1151-DL00-GWB-XEV-MAP-00001; Rev 0, Issue 2 dated July 2023 in Condition 1 Table 1.	<i>Ongoing</i>

Condition 6 – sediment and erosion control		Timing
6.1	Undertake all works generally in accordance with the Erosion and Sediment Control Plan contained in the approved CEMP which must be current and available on site at all times during the construction period.	<i>At all times</i>
6.2	Where not being reused to restore bed and banks of the right of way, excavation spoil must be removed and/or stockpiled away from wetlands and waterways. It is not to be disposed of on tidal lands or within waterways.	<i>At all times</i>

Condition 7 – traffic management		Timing
7.1	<p>Prepare and submit to the Coordinator-General a Traffic Management Plan (TMP), prepared and certified by a person holding a current Traffic Management Level 3 qualification of higher, to ensure traffic impacts are managed during site works, construction and operation. The Traffic Management Plan must:</p> <ul style="list-style-type: none"> (a) include requirements from Table 7-17 of the approved CEMP; (b) minimise site access locations; (c) provide for the management of traffic around and through the site during and outside of construction and operational hours of work; (d) provide for parking and materials delivery during and outside of construction and operational hours of work; (e) include plans risk identification and assessment, staging, etc; (f) implementation; (g) include monitoring and measurement; (h) include management review; and (i) include traffic control plans or traffic control diagrams, prepared in accordance with Manual of Uniform Traffic Control Devices for any temporary part or full road <p>(d) closures of any Council or State-controlled Road(s).</p>	<i>5 days prior to the commencement of construction</i>
7.2	Undertake all works in accordance with the Traffic Management Plan which must be current and available on site at all times during the construction and commencement of use/operation periods (or stages)'. ¹	<i>At all times.</i>
7.3	A copy of the Construction Traffic Management Plan specific to the construction works being undertaken is to be provided to the Gladstone Ports Corporation Limited for their records.	<i>Prior to the commencement of construction on Port owned land.</i>

Condition 8 – construction hours		Timing
8.1	<p>Construction will be limited to between 6:30am and 6:30pm Monday to Saturday. Construction works will be permitted on Sunday between 6:30 am and 6:30 pm where consultation has occurred and written agreement by the sensitive receptor received where construction impacts on a sensitive receptor/s' property.</p> <p>A copy of the written agreement with sensitive receptor/s must be submitted to the Coordinator-General two days prior to construction occurring on a Sunday that impacts a sensitive receptor/s' property that adjoins the right of way.</p>	<i>As indicated</i>
8.2	Blasting must not occur on Sundays or public holidays.	<i>As indicated</i>
8.3	<p>24 hour construction works for trenchless crossings are permitted to be undertaken between chainages CH97400 to CH11580, as identified in Condition 1 Table and plans listed below:</p> <ul style="list-style-type: none"> • DL05 Pipeline CH 97185.10 – 97885.10 1151-DL05-W3P- PLE- DRG-65140; Rev 2 dated 13/10/2023 • DL05 Pipeline CH 100685.10 – 101385.10 - 1151-DL05-W3P- PLE- DRG-65145; Rev 2 dated 13/10/2023 • DL05 Pipeline CH 102085.10 – 102785.10 - 1151-DL05-W3P- PLE- DRG-65147; Rev 2 dated 13/10/2023 • DL07 Pipeline CH 109579.44 – 110279.44 - 1151-DL07-W3P- 	<i>During construction</i>

	<p>PLE- DRG-67003; Rev 0 dated 27/09/2023</p> <ul style="list-style-type: none"> • DL07 Pipeline CH 111679.44 – 112379.44 - 1151-DL07-W3P- PLE- DRG-67006; Rev 3 dated 27/09/2023 • DL07 Pipeline CH 112379.44 – 113079.44 - 1151-DL07-W3P- PLE- DRG-67007; Rev 1 dated 7/09/2023 • DL07 Pipeline CH 113779.44 – 114479.44 - 1151-DL07-W3P- PLE- DRG-67009; Rev 0 dated 27/09/2023 • DL07 Pipeline CH 115179.44 – 115879.44 1151-DL07-W3P- PLE- DRG-67011; Rev 3 dated 27/09/2023 <p>A site specific noise assessment and written agreements with sensitive receptor/s' property that adjoins the right of way must be submitted to the Coordinator-General two days prior to construction occurring outside 6:30 am to 6:30 pm.</p>	
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Condition 9 – operations environmental management plan		Timing
9.1	<p>Prepare and submit to the Coordinator-General an operations environmental management plan OEMP (by a suitably qualified person in accordance with current best practice) that includes the following:</p> <ul style="list-style-type: none"> (a) A monitoring program to identify issues of non-compliance, actions for correcting any non-compliance and who is responsible for undertaking those actions; (b) A timetable and process for review of the operations EMP to assess its effectiveness and to implement amendments as required. <p>Note: The operations EMP must contain detail consistent with the information provided in Enclosure 2.</p> <p>Undertake all works generally in accordance with the operations EMP which must be current and available on site at all times.</p>	<p><i>The final OEMP is to be submitted to the Coordinator-General at least 30 business days prior to the commencement of use.</i></p>

Condition 10 – hazardous materials		Timing
10.1	<p>All flammable and combustible liquids (including hazardous waste materials) must be contained within an on-site containment system, controlled in a manner that prevents environmental harm and must be maintained in accordance with the current edition of <i>AS1940 – Storage and Handling of Flammable and Combustible Liquids</i></p>	<p><i>At all times</i></p>
10.2	<p>All containers must be secured to prevent movement during a flood event.</p>	<p><i>At all times</i></p>
10.3	<p>Any spillage of sediment, wastes, fuels, chemicals, contaminants, or other materials at the site or on Gladstone Port roads or Gladstone Port land must be cleaned immediately. Such spillage must not be cleaned up by hosing, sweeping or otherwise releasing such materials to any stormwater drainage system, roadside gutters or waters.</p>	<p><i>At all times</i></p>

10.4	<p><i>Incident notification</i></p> <p>For works on Gladstone Port land, the Gladstone Ports Corporation Environment Hotline (07) 4976 1617 is to be notified of the occurrence of any:</p> <ul style="list-style-type: none"> a) release/spill of contaminants (e.g. fuels/chemicals/ sewerage) greater than 20L; b) release/spill of contaminants (e.g. fuels/chemicals/ sewerage) of any amount to water; any environmental complaints received by the holder of this approval; and c) non-compliance with conditions of this approval or any other environmental approval obtained in relation to the development. 	<i>At all times</i>
10.5	Environmental incident notification must be included in any Management Plans for the works within Port land.	<i>At all times</i>

Condition 11 – lighting		Timing
11.1	Ensure outdoor lighting installed within the development minimises light spill in the adjacent properties and sensitive receptors.	<i>To be maintained</i>
11.2	Lighting at ground level and associated with illuminating ground level areas must be focused downwards and be provided with hoods, shades or other permanent devices to direct illumination downwards and not allow upward lighting to adversely affect uses adjoining the site.	<i>Prior to the commencement of use and to be maintained</i>

Condition 12 – inspection		Timing
12.1	Permit the Coordinator-General, or any person authorised by the Coordinator-General, to inspect any aspect of the development.	<i>At all times</i>

Condition 13 – complaints		Timing
13.1	<p>Record all complaints received relating to the development in a register that includes, as a minimum:</p> <ul style="list-style-type: none"> (a) Date and time when complaint was received; (b) Complainant’s details including name and contact information; (c) Reasons for the complaint; (d) Investigations undertaken and conclusions formed; (e) Actions taken to resolve this complaint, including the time taken to implement these actions; (f) Include a notation in the register as to the satisfaction (or dissatisfaction) of the complainant with the outcome. <p>Prepare and provide a response to the complainant within 48 hours of receipt of the complaint</p> <p>Provide an up to date copy of the register to the Coordinator-General with each audit report required under Condition 18 – Auditing.</p>	<p><i>At all times</i></p> <p><i>As indicated</i></p> <p><i>As indicated</i></p>

Condition 14 – repair of damage		Timing
14.1	Repair any property of infrastructure damage (e.g. property fencing, roads, service infrastructure) and re-instate existing signage and pavement markings that have been removed or damaged during any works carried out in association with the approved use.	<i>From commencement of construction and ongoing</i>
14.2	The applicant must notify the Gladstone Ports Corporation Limited of any damage caused to any port user infrastructure or services including, but not limited to, security related devices, fences, underground services or infrastructure, as a result of the works during construction. The Applicant must undertake necessary repairs at their expense and to the satisfaction of the Gladstone Ports Corporation Limited.	<i>From commencement of construction and ongoing</i>
14.3	In the event of any property or infrastructure damage and repair, the applicant will seek to obtain a statement from the affected party expressing satisfaction with the repair and provide a copy of the statement to the Coordinator-General.	<i>Within 5 business days of receipt of a statement from the affected party</i>

Condition 15 – temporary works		Timing
15.1	All temporary works listed below are to remain no longer than 12 months from the commencement of use: (a) laydown areas (b) temporary construction access tracks (c) other temporary infrastructure not required for operation.	<i>As indicated</i>
15.2	Remove all temporary works once the use has commenced.	<i>As indicated</i>

Condition 16 – ‘As constructed’ plans		Timing
16.1	Prepare and submit to the Coordinator-General, ‘As constructed’ plans certified by RPEQ or other independent suitably qualified person. The plans must show that the development has been constructed generally in accordance with the plans referenced in Table 1 of Condition 1. Plans must be submitted in electronic pdf and shape files.	<i>Within 30 business days of commencement of use</i>
16.2	Supply the Gladstone Ports Corporation Limited with RPEQ certified "As Constructed" plans in both hard copy (2 of) and electronic (CAD format) which illustrate all infrastructure and services installed on, under or over Port land associated with the activity. The drawings must be submitted to the Planning Team via planning@gpcl.com.au , including reference to 'RR2022/010/01'.	<i>Within 30 business days of commencement of use</i>

Condition 17 – auditing		Timing
17.1	<p>Prepare and submit an audit report to the Coordinator-General. The audit report must be prepared by an independent suitably qualified person to determine whether the conditions of this approval have been complied with.</p> <p>Audit reports are required within 30 business days of the following:</p> <ul style="list-style-type: none"> (a) commencement of construction (b) every six months during construction (c) commencement of the use (d) once all conditions of this approval have been complied with. <p>An audit report is to contain detail consistent with the information provided in Enclosure 1.</p>	<i>As indicated</i>

Condition 18 – operational works for the clearing of native vegetation		Timing
18.1	Undertake all clearing of native vegetation in accordance with the approved plans and documents in Table 1.	<i>At all times</i>
18.2	<p>To demonstrate that compliance with the assessable development requirements for vegetation clearing has been undertaken in accordance with the requirements of this approval, provide documentation to the Coordinator-General that includes:</p> <ul style="list-style-type: none"> (a) a description of the assessable vegetation (b) details on how the development complies with the requirements for vegetation clearing prescribed by this approval (c) supporting information such as site plans and vegetation maps. 	<i>Within 30 business days of commencement of use</i>
18.3	Ensure that a full copy of the SDA approval is held, and that the extent of clearing authorised is properly understood by, any person(s) engaged or employed to carry out the clearing of the vegetation under this approval.	<i>At all times</i>

Advice

Currency period

This SDA approval is valid until the end of the currency period, four years after the date of approval, unless the approval states a different period. For the SDA approval to remain valid the proponent must have, before the end of the currency period:

- (if the development is reconfiguring a lot) provided the plan of subdivision to the Coordinator-General for approval in accordance with the relevant development scheme; or
- (for all other development) substantially started the development; or
- Made an application to the Coordinator-General to extend the currency period.

Other approvals

This approval relates solely to the material change of use for utility installation (water pipeline) and for SDA self-assessable and SDA assessable operational works (vegetation clearing) within the Gladstone State Development Area. All other approvals and/or permits required under local, state and/or commonwealth legislation must be obtained prior to the commencement of the use.

The proponent shall notify the Coordinator-General when the set of approvals has been received that would allow the Fitzroy to Gladstone Pipeline project to proceed.

Cultural heritage – duty of care

Where items of archaeological importance are identified during construction of the project, the proponent must comply with its duty of care under the *Aboriginal Cultural Heritage Act 2003* and the Department of Environment and Heritage Protection 2014 guideline: archaeological investigations. All work must cease and the relevant State agency must be notified. Work can resume only after State agency clearance is obtained.

Definitions

Use means the functioning of the pipeline in line with its original purpose – to transport water.

Rehabilitation means the process of restoring a piece of land to its original and natural state after a disturbance.

Temporary works mean those parts of the works that allow, enable, protect, support or provide access to the permanent works and might or might not remain in place at the completion of the works.

Powerlink

This response does not constitute an approval to commence operational works other than vegetation clearing within the easement. Compliance is required with the terms and conditions of the easement dealing number shown in **Enclosure 3**, and with the generic requirements in respect to proposed works in the vicinity of Powerlink Queensland infrastructure as detailed in **Enclosure 4**. Should any doubt exist in maintaining the prescribed clearance to electrical infrastructure the applicant is obliged under the *Electrical Safety Act 2002* to seek advice from Powerlink.

For Powerlink to maintain and operate a safe and reliable supply of electricity, we require unrestricted 24-hour access to our corridors and infrastructure. We will require practical access

(typically by 4WD vehicle – but to standard no less than existing) to the Powerlink structures. If it is envisaged that there will be any interference or alteration to our current access arrangements prior, during or after the completion of your works, we require that the applicant contacts our Easement Maintenance Service Provider (Ergon Energy – Peter Gorrie – ph 0417 199 931).

Compliance must be maintained with the *Electrical Safety Act 2002* including any Code of Practice under the Act, and the Electrical Safety Regulation 2013 including any safety exclusion zones defined in the Regulation. In respect of this application, the exclusion zone for untrained persons and for operating plant operated by untrained persons is three (3) metres from the 132,000-volt wires and six (6) metres from the 275,000-volt wires and exposed electrical parts.

If operation of plant/machinery is determined to come within 6 m of any live high voltage line, then an application for safety advice will be required to be lodged 28 days prior to works be undertaken. Please complete the attached Application for Safety Advice – Form and submitting to property@powerlink.com.au.

Ergon Energy

All existing easement conditions must be adhered to. Permission for any works to occur in an Ergon easement must be obtained from the Land and Easement Enquiries Team, contactable via PropertyEnquiries@energex.com.au.

Where the pipeline, or works associated with constructing the pipeline, conflict with an Ergon asset, approval should be sought from Ergon for the appropriate relocation of the electrical asset. We recommend contacting Ergon's Major Customer Projects team as soon as practicable and/or submitting a request via Ergon's Electrical Partners Portal (<https://www.ergon.com.au/network/contractors-and-industry/electrical-contractors/electrical-partners-portal>) or by emailing networkenquiries@ergon.com.au. We note that any relocation of assets necessary to facilitate the proposed pipeline will need to be to Ergon's satisfaction and at no expense to Ergon.

Department of Agriculture and Fisheries (DAF)

Where feasible, the pipeline is to be installed under waterways using trenchless methods. Temporary waterway barrier works required for access are to be constructed in accordance with the *Accepted Development Requirements for operational work that is constructing or raising waterway barrier works* or will require development approval under the *Planning Act 2016*.

To ensure the construction of waterway barrier works does not limit the movement or wellbeing of fish, in-stream works are to be completed as quickly as possible, but must be avoided during times of elevated flows, namely Q100 events.

To facilitate the monitoring of the development works for compliance purposes, this fisheries development (as defined by the *Fisheries Act 1994*) constitutes a place that is required to be open for inspection by an inspector at all times, pursuant to section 145 of the *Fisheries Act 1994*.

To ensure waterways and other fish habitat is not further impacted by development works, other than spoil deliberately used for re-profiling to restore bed and banks to natural profiles, spoil from excavation is to be removed and/or stockpiled away from wetlands and waterways at all times. To ensure the disturbance of acid sulfate soil is managed to prevent impacts on fisheries resources and fish habitats spoil is not disposed of on tidal lands or within waterways and where required, is managed to prevent acid sulfate soil development.

The waterway beds and banks temporarily disturbed by the development works are to be promptly restored to pre-development profiles and stabilised with suitable, native vegetation, so that as a minimum:

- stability and profiles of the bed and banks are re-instated to natural stream profiles and stability
- the waterway bed is retained with natural substrate or reconstructed with substrate comparable to the natural substrate size and consistency
- site conditions allow the rapid re-establishment of native vegetation and cover or native species are replanted to re-establish the natural plant community.

Where additional waterway stabilisation or scour protection is required within waterways, it is to be installed at or below the existing bed/bank levels and backfilled with natural sediment to bed level.

Provisions are made to minimise the risk of fish kills arising from the works. If fish have been trapped by the works, fish salvage activities are to occur in accordance with the Fisheries Queensland Guidelines for Fish Salvage and implemented immediately.

Temporary waterway barrier works such as bunds that are required to enable construction of the pipeline require authorisation in accordance with the *Accepted development requirements for operational work that is constructing or raising waterway barrier works* or will require development approval under the *Planning Act 2016*.

For the definition of a waterway, consult the *Fisheries Act 1994*. DAF factsheet *What is a waterway?* provides further guidance to the definition in the Act and is found here <https://www.daf.qld.gov.au/business-priorities/fisheries/habitats/policies-guidelines/factsheets/what-is-a-waterway>.

Guidance as to the likely location of waterways in Queensland is presented in the spatial data layer Queensland waterways for waterway barrier works. This spatial data layer is a helpful tool to identify most waterways, however please note not all waterways that are present on-ground may be captured by this data layer. Refer to the Guide to determining waterways, for more information on the interpretation of the Queensland waterways spatial data layer.

Features may exist on ground within the pipe alignment that meet the definition of a waterway but are not displayed on the Queensland waterways for waterway barrier works spatial data layer. The conditions of approval apply to all features that meet the definition of a waterway as per the *Fisheries Act 1994*. The watercourse mapping layer may assist in identifying on ground features that could be waterways.

Gladstone Ports Corporation Limited (GPC)

The development must be designed and constructed to mitigate potential adverse impacts to port operations, services and facilities, and to maintain safe, navigable access within Port land at all times.

To provide efficient port facilities and services, scour valves within port land are to be located at ground level to allow unobstructed vehicle access where possible for all proponents. Barricading provided around valves and any other infrastructure on Port land must be the minimum area required for personnel access.

The Construction Traffic Management Plan, Construction Environmental Management Plan and Acid Sulfate Soils Management Plan should also be provided to Gladstone Ports Corporation prior to the commencement of works on Port land. Where the Applicant is required to submit further documentation to the Referral Entity (GPC), this is to be directed to the Planning section

at planning@gpcl.com.au, including reference to the allocated referral response number RR2022/010/01.

Upon completion of the construction works, the Applicant must reinstate the property to the same condition prior to the works being undertaken unless agreed to in writing by the Referral Entity (GPC).

The applicant must notify the Referral Entity (GPC) of any damage caused (as a result of construction works) to any port user infrastructure or services including, but not limited to, security related devices, fences, underground services or infrastructure.

The Applicant must inform the Referral Entity (GPC) of completion of works within Port land within 14 days of practical completion.

Gladstone Ports Corporation Environment Hotline (07) 4976 1617 is to be notified of the occurrence of any:

- a. release/spill of contaminants (e.g. fuels/chemicals/sewerage) greater than 20 L;
- b. release/spill of contaminants (e.g. fuels/chemicals/sewerage) of any amount to water; any environmental complaints received by the holder of this approval; and
- c. non-compliance with conditions of this approval or any other environmental approval obtained in relation to the development.

Environmental incidence notification must be included in any Management Plans for the works within Port land.

The Applicant is required to apply for and obtain from the Referral Entity (GPC) a Permit to Dig/Excavate prior to commencing works by contacting the Port Infrastructure Asset Manager on (07) 4976 1332. All reasonable measures must be undertaken to identify and protect existing services recorded or otherwise, and where necessary the Applicant will submit a plan to the Referral Entity (GPC) for approval to adjust any existing services found during this excavation that was not originally shown on the proposed plans.

Where a Permit to Dig/Excavate prior to commencing excavation or digging for the development, the Applicant or their contractor is required to apply for and obtain the permit by contacting the Port Infrastructure Asset Manager on 4976 1332 or bartono@gpcl.com.au.

In the event a construction compound and/or other infrastructure is required on port land outside the project lease area for offices, laydown areas, employee car parking, stockpiling areas or above ground tie-in areas etc., the Applicant or their contractor must obtain a Consent to Enter from the Referral Entity's Property Specialist via 07 4976 1334 or property@gpcl.com.au prior to works commencing. Relevant tenure arrangements are to be formalised with Gladstone Port's Corporation Limited's Property Team for any part of the works that are located outside of the existing tenure arrangements i.e. proposed laydown areas and any above ground tie-in infrastructure compounds that is located on Port land.

Relevant tenure arrangements are to be formalised with Gladstone Port's Corporation Limited's Property Team for any part of the works that are located outside of the existing tenure arrangements i.e. proposed laydown areas and any above ground tie-in infrastructure compounds that is located on Port land.

Department of Environment, Science and Innovation (DESI)

According to ERA 16 definition included in Schedule 2 of the Environmental Protection Regulation 2019 (EP Reg), extractive activities consist of:

- dredging a total of 1,000t or more of material from the bed of naturally occurring surface waters, in a year; and

- extracting, other than by dredging, a total of 5,000t or more of material, in a year, from an area.

If triggered, ERA 16 - dredging and extracting of material requires an environmental authority (EA) approval. Moreover, ERA 16 – dredging, if triggered, also requires a development approval as it is a concurrence ERA threshold. To recognise that some earth-moving activities may be considered low risk activities, several exceptions have been included in the ERA 16 definition in the EP Reg. For more details, please refer to <https://www.legislation.qld.gov.au/view/html/inforce/current/sl-2019-0155#sch.2-sec.16>.

Based on the information provided, an exemption may apply to the pipeline project (extracting of material), if earthworks associated with the project involve land reshaping (cutting and filling) only, which means the activity does not involve blasting and the material is not removed from the site from which it was extracted.

If ERA 16 for extracting of material applies to the pipeline project and/or dredging is not triggered, the proponent will not be required to obtain an EA for ERA 16. However, the proponent will be required to meet the relevant obligations under the *Environmental Protection Act 1994*, including:

1. general environmental duty – which means a person must not carry out any activity that causes or is likely to cause environmental harm, unless measures to prevent or minimise the harm have been taken; and
2. duty to notify of environmental harm – to inform the administering authority and landowner or land occupier when an incident has occurred that may have caused or threatens serious or material environmental harm.

It should be noted that the above advice does not represent a statutory decision, and it is proponent's responsibility to compare the specific project details with the relevant ERA description to determine if the proposal triggers the ERA or not.

Unless otherwise exempt, an approval will be required from the department to conduct an activity involving the take, keep and use of a protected plant or animal. The type of approvals required depends upon several things, including:

- the nature and purpose of your proposed activity
- the location and tenure of the area in which you intend to undertake your activity
- the species of wildlife concerned.

The department is afforded a statutory 40 business day timeframe to decide on an application for a permit or licence associated with protected plants and animals. The department may request further information from the proponent within 20 business days of receiving the application. When the department requests further information the proponent is afforded 20 business days to respond to the request. If a response is not received within 20 business days, the application is deemed withdrawn. If a response is received within 20 business days the department is afforded an additional 40 business days to decide the application. Proponents are encouraged to factor these timeframes in when undertaking project planning.

All plants indigenous to Australia are protected in Queensland. If threatened or near threatened plants do not exist within the clearing impact area, the proponent can submit a copy of the flora survey report to the department for an exemption from the clearing permit requirement. Where threatened or near threatened plants are present in the clearing impact area and cannot be avoided, a clearing permit will be required. The application needs to include specific information including impact management strategies that will be assessed against the department's Protected Plants Assessment Guideline. Further information can be found here: <https://www.qld.gov.au/environment/plants-animals/plants/protected-plants/clearing>

Management activities including roost destruction and disturbance or dispersal of flying-foxes while occupying a roost will usually require a Flying-fox Roost Management Permit (FFRMP).

Further information can be found here: <https://environment.des.qld.gov.au/wildlife/animals/living-with/bats/flying-foxes/roost-management>

The breeding places of protected animals are protected from being tampered with or destroyed. An approved Species Management Program (SMP) is required to tamper or destroy an animal breeding place. Further information regarding SMP's can be found here: <https://environment.des.qld.gov.au/licences-permits/plants-animals/species-management-program>

An unauthorised person must not take or keep a protected animal. The department licences wildlife spotter catchers under a Rehabilitation Permit, and their role it is to catch and relocate animals to suitable habitat prior to the animals' existing habitat being destroyed. While engaging a licenced wildlife spotter catcher is not a mandatory requirement of development activities, it has become an industry standard and is a way proponents can demonstrate they have made a reasonable attempt to avoid taking wildlife if injuries or mortalities occur. Further information can be found here: <https://environment.des.qld.gov.au/licences-permits/plants-animals/rehabilitation/rescue-and-rehabilitation>

DESI advises that surveys or research activities involving invasive techniques such as animal trapping, spotlighting, handling, luring, fitting of tracking devices and tagging or banding can be accommodated under a Research Permit. Research Permit proponents need to be associated with a scientific research institution or have appropriate qualifications in the area of study. Further information can be found here: <https://www.qld.gov.au/environment/plants-animals/wildlife-permits/science-education>

Enclosure 1

The following information will be required in an audit report:

- Details of the development approval, including the SDA approval number, the date of approval and a summary of the audit reporting requirements. This should include a schedule of the dates by which audit reporting is to be provided to the Coordinator-General.
- Details of the independent, suitably qualified person(s) (the auditor) responsible for preparing the audit report, including the auditor(s):
 - Name, position, company and contact details
 - Qualifications and experience
 - Proof that the auditor is an independent third party unaffiliated with the proponent.
- Details of any external suitably qualified person(s) used to supplement reports/plans outside of the auditor's expertise.
- An audit evaluation matrix including but not limited to:
 - Each condition of the SDA approval, and the status of the condition at the end of the relevant audit period
 - Where a condition is current or complete, (to be activated, activated, complete), whether compliance has been achieved (compliant, non-compliant or not applicable), how compliance has been achieved (description of works, tasks or actions undertaken) and how the evaluation of the audit has been undertaken
 - A full description of the relevant standards, practices etc. against which works have been assessed together with evidence (reports, site photographs, certification documentation) to support the evaluation of the works against the compliance standards
 - The title, date, location and holder of any documentation referred to in the compliance evaluation matrix but not provided with the audit to allow the Coordinator-General to call upon these documents as required.
 - Details of any non-compliances identified by any party during the current audit period and a methodology specifying how compliance has been/will be achieved and by when it will be achieved, and
 - Details of previous audit reports (if relevant) with an update on any non-compliance, corrective actions and revised practices (as relevant) undertaken and the current status of any corrective actions.
- Additional evidence to support the compliance evaluation, including the date and locations of any site inspection/s conducted during the preparation of the audit report and details of any employees of the proponent interviewed for the audit.
- The auditor's declaration whereby the auditor;
 - Certifies the conditions contained in the SDA approval have been satisfactorily complied with, subject to any qualifications which the author has outlined in the audit report
 - Certifies that to the best of the auditor's knowledge, all information provided in the audit report is true, correct and complete, and
 - Acknowledges it is an offence under section 157O of the *State Development and Public Works Organisation Act 1971*, to give the Coordinator-General a document containing information the auditor knows is false or misleading in any material particular.
- Any further attachments the auditor considers relevant to the audit report

An audit report guideline has been prepared to provide guidance to proponents and auditors in compiling audit reports. The guideline is available on the Department of State Development, Infrastructure, Local Government and Planning website at <https://www.statedevelopment.qld.gov.au/coordinator-general/state-development-areas/development-schemes-applications-and-requests> or by contacting the Planning and Services Division on 1800 001 048 or via sdainfo@coordinatorgeneral.qld.gov.au.

Enclosure 2 – Contents of operations OEMP

The operations EMP shall contain control plans for at least the following:

- Project environmental management
- Climate impacts
- Land use and infrastructure
- Erosion and sedimentation
- Contaminated land
- Acid sulfate soils
- Vegetation clearing
- Introduced/pest fauna
- Fauna management and protection
- Weed management
- Water resources and water quality
- Air environment
- Waste management
- Hydrotesting and commissioning
- Noise and vibration management
- Transport and access
- Cultural heritage
- Social and economic environment – complaints procedure
- Handling and storage of dangerous goods
- Health and safety management
- Emergency management
- Landscape and visual amenity management

Enclosure 3 – Powerlink easement dealing numbers

Transmission Infrastructure Impacted	
Transmission Corridor	Gladstone Bouldercombe (275kV) Transmission Line Corridor Calvale Larcom Creek Tee Aldoga Transmission Line Corridor
Easement ID	Easement A on RP610585 (Dealing No. 703107431) Easement T on SP157677 (Dealing No. 707667421) Easement N on SP157674 (Dealing No. 707667348) Easement K on SP157672 (Dealing No. 707667348) Easement L on SP157673 (Dealing No. 707667348) Easement M on SP157673 (Dealing No. 707667348) Easement R on SP200847 (Dealing No. 711189970) Easement M on SP157673 (Dealing No. 707667348) Easement F on SP218635 (Dealing No. 712413782) Easement Y on SP111748 (Dealing No. 703407719)

Enclosure 4 – Powerlink generic requirements

ANNEXURE A – GENERIC REQUIREMENTS

The conditions contained in this Annexure have been compiled to assist persons (the applicant) intending to undertake work within the vicinity of high-voltage electrical installations and infrastructure owned or operated by Powerlink. The conditions are supplementary to the provisions of the Electrical Safety Act 2002, Electrical Safety Regulation 2013 and the Terms and Conditions of Registered Easements and other forms of Occupational Agreements hereinafter collectively referred to as the “Easement”. Where any inconsistency exists between this Annexure and the Easement, the Easement shall take precedence.

1. POWERLINK INFRASTRUCTURE

You may not do any act or thing which jeopardises the foundations, ground anchorages, supports, towers or poles, including (without limitation) inundate or place, excavate or remove any soil, sand or gravel within a distance of twenty (20) metres surrounding the base of any tower, pole, foundation, ground anchorage or support.

2. STRUCTURES

No structures should be placed within twenty (20) metres of any part of a tower or structure foundation or within 5m of the conductor shadow area. Any structures on the easement require prior written consent from Powerlink.

3. EXCLUSION ZONES

Exclusion zones for operating plant are defined in Schedule 2 of the Electrical Safety Regulation 2013 for Untrained Persons. All Powerlink infrastructure should be regarded as “electrically live” and therefore potentially dangerous at all times.

In particular your attention is drawn to Schedule 2 of the Electrical Safety Regulation 2013 which defines exclusion zones for untrained persons in charge of operating plant or equipment in the vicinity of electrical facilities. If any doubt exists in meeting the prescribed clearance distances from the conductors, the applicant is obliged under this Act to seek advice from Powerlink.

4. ACCESS AND EGRESS

Powerlink shall at all times retain the right to unobstructed access to and egress from its infrastructure. Typically, access shall be by 4WD vehicle.

5. APPROVALS (ADDITIONAL)

Powerlink's consent to the proposal does not relieve the applicant from obtaining statutory, landowner or shire/local authority approvals.

6. MACHINERY

All mechanical equipment proposed for use within the easement must not infringe the exclusion zones prescribed in Schedule 2 of the Electrical Safety Regulation 2013. All operators of machinery, plant or equipment within the easement must be made aware of the presence of live high-voltage overhead wires. It is recommended that all persons entering the Easement be advised of the presence of the conductors as part of on site workplace safety inductions. The use of warning signs is also recommended.

ANNEXURE A – GENERIC REQUIREMENTS

7. EASEMENTS

All terms and conditions of the easement are to be observed. Note that the easement takes precedence over all subsequent registered easement documents. Copies of the easement together with the plan of the Easement can be purchased from the Department of Environment & Resource Management.

8. EXPENDITURE AND COST RECOVERY

Should Powerlink incur costs as a result of the applicant's proposal, all costs shall be recovered from the applicant.

Where Powerlink expects such costs to be in excess of \$10 000.00, advanced payments may be requested.

9. EXPLOSIVES

Blasting within the vicinity (500 metres) of Powerlink infrastructure must comply with AS 2187. Proposed blasting within 100 metres of Powerlink infrastructure must be referred to Powerlink for a detailed assessment.

10. BURNING OFF OR THE LIGHTING OF FIRES

We strongly recommend that fires not be lit or permitted to burn within the transmission line corridor and in the vicinity of any electrical infrastructure placed on the land. Due to safety risks Powerlink's written approval should be sought.

11. GROUND LEVEL VARIATIONS

Overhead Conductors

Changes in ground level must not reduce statutory ground to conductor clearance distances as prescribed by the Electrical Safety Act 2002 and the Electrical Safety Regulation 2013.

Underground Cables

Any change to the ground level above installed underground cable is not permitted without express written agreement of Powerlink.

12. VEGETATION

Vegetation planted within an easement must not exceed 3.5 metres in height when fully matured. Powerlink reserves the right to remove vegetation to ensure the safe operation of the transmission line and, where necessary, to maintain access to infrastructure.

13. INDEMNITY

Any use of the Easement by the applicant in a way which is not permitted under the easement and which is not strictly in accordance with Powerlink's prior written approval is an unauthorised use. Powerlink is not liable for personal injury or death or for property loss or damage resulting from unauthorised use. If other parties make damage claims against Powerlink as a result of unauthorised use then Powerlink reserves the right to recover those damages from the applicant.

ANNEXURE A – GENERIC REQUIREMENTS

14. INTERFERENCE

The applicant's attention is drawn to s.230 of the Electricity Act 1994 (the "Act"), which provides that a person must not wilfully, and unlawfully interfere with an electricity entity's works. "Works" are defined in s.12 (1) of the Act. The maximum penalty for breach of s.230 of the Act is a fine equal to 40 penalty units or up to 6 months imprisonment.

15. REMEDIAL ACTION

Should remedial action be necessary by Powerlink as a result of the proposal, the applicant will be liable for all costs incurred.

16. OWNERS USE OF LAND

The owner may use the easement land for any lawful purpose consistent with the terms of the registered easement; the conditions contained herein, the Electrical Safety Act 2002 and the Electrical Safety Regulation 2013.

17. ELECTRIC AND MAGNETIC FIELDS

Electric and Magnetic Fields (EMF) occur everywhere electricity is used (e.g. in homes and offices) as well as where electricity is transported (electricity networks).

Powerlink recognises that there is community interest about Electric and Magnetic Fields. We rely on expert advice on this matter from recognised health authorities in Australia and around the world. In Australia, the Federal Government agency charged with responsibility for regulation of EMFs is the Australian Radiation Protection and Nuclear Safety Agency (ARPANSA). ARPANSA's *Fact Sheet – Magnetic and Electric Fields from Power Lines*, concludes:

"On balance, the scientific evidence does not indicate that exposure to 50Hz EMF's found around the home, the office or near powerlines is a hazard to human health."

Whilst there is no scientifically proven causal link between EMF and human health, Powerlink nevertheless follows an approach of "prudent avoidance" in the design and siting of new powerlines. This includes seeking to locate new powerline easements away from houses, schools and other buildings, where it is practical to do so and the added cost is modest.

The level of EMF decreases rapidly with distance from the source. EMF readings at the edge of a typical Powerlink easement are generally similar to those encountered by people in their daily activities at home or at work. And in the case of most Powerlink lines, at about 100 metres from the line, the EMF level is so small that it cannot be measured.

Powerlink is a member of the ENA's EMF Committee that monitors and compiles up-to-date information about EMF on behalf of all electricity network businesses in Australia. This includes subscribing to an international monitoring service that keeps the industry informed about any new developments regarding EMF such as new research studies, literature and research reviews, publications, and conferences.

We encourage community members with an interest in EMF to visit ARPANSA's website: www.arpansa.gov.au Information on EMF is also available on the ENA's website: www.ena.asn.au