



Pluto North West Shelf Interconnector Pipeline

2021 Annual Compliance Report (Ministerial Statement 1117)

E-REP-062

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Table of Contents

1. INTRODUCTION	1
2. SCOPE	2
3. CURRENT STATUS.....	2
4. COMPLIANCE	4
5. TABLE OF COMPLIANCE (AUDIT TABLE).....	5
6. ENVIRONMENTAL INFORMATION AND MONITORING	12
7. STATEMENT REGARDING COMPLIANCE	14

1. INTRODUCTION

This report addresses the status and compliance of the Pluto North West Shelf Interconnector Pipeline (PNI) with the conditions in Ministerial Statement 1117. This report has been prepared for the purpose of meeting the requirements of conditions 4–1 to 4–6 of the Statement, which is to submit annual compliance reports in line with the approved Compliance Assessment Plan. This report covers the reporting period from 21 November 2020 to 20 November 2021.

This report shall be in line with the approved Compliance Assessment Plan which was approved by the Department of Water and Environmental Regulation (DWER) on 2 June 2020.

1.1 Project Background

The PNI project involves the construction of 3.3 km of natural gas pipeline in the industrialised section of the Burrup Peninsula in the Pilbara Region of Western Australia (WA).

The project will commence at the Pluto Compressor Station (PCS) within the Dampier Bunbury Natural Gas Pipeline (DBNGP) corridor and connect the Pluto Liquefied Natural Gas (LNG) Plant with the Karratha Gas Plant (KGP).

The proposal for the PNI was approved for implementation under Part IV of the *Environmental Protection Act 1986* (EP Act) with the issue of Statement No. 1117 (the Statement) on 21 November 2019. AGID is the Proponent and Nominated Operator of the PNI project.

The Statement requires submission of an annual compliance report to address the status and compliance of the PNI project with Statement conditions and key actions in accordance with the annual compliance reporting requirements of conditions 4–1 to 4–6 of the Statement.

1.2 The Proposal

Table 1 presents the key characteristics of the proposal as outlined in Table 2 of Schedule 1 of MS1117.

Table 1: Key characteristics of the PNI Project

Element	Proposal	Authorised Extent
Pipeline construction and associated infrastructure	Figure 1 (of MS1117)	Clearing of no more than 10.69 ha of which 3.26ha is within the KGP Lease and Buffer Zone Lease and 7.43 ha within DBNGP Corridor and Dampier Facilities Area.

1.3 Environmental approval to implement the project

AGID was granted environmental approval for the PNI proposal under Part IV of the EP Act. The Minister for Environment approved the proposal on 21 November 2019 with the release of Statement No. 1117, which includes environmental conditions under which the proposal is to be implemented.

The required management plans included for the project are the Construction Environmental Management Plan (CEMP) and the Cultural Heritage Management Plan (CHMP). A Department of Mines, Industry Regulation and Safety (DMIRS) Environment Plan was also required as part of the pipeline licence process.

The initial approved plans (CEMP and CHMP) remain the current versions to be implemented.

2. SCOPE

The scope of this report includes all works conducted under MS 1117 during the period 21 November 2020 to 20 November 2021 (the reporting period).

The scope does not include the use of existing facilities for laydown, offices, crib rooms or third party accommodation.

3. CURRENT STATUS

The following works were completed during this 12 month reporting period, including achievement of Practical Completion. Final punch list items and the introduction of natural gas remain to be completed post 20 November 2021.

The works conducted in the reporting period were:

- Mobilisation and site establishment of Contractor facilities including site office, crib room and laydown at the Dampier Facility and Nichol Bay Pipe Yard
- Survey and site set-out of Inlet Station, Meter Station, Pig Receiver and DBNGP Corridor
- Clear and grade of the DBNGP Corridor
- Pipe bending
- Trench excavation including mechanical rock breaking
- Welding, coating and pipe lowering-in
- 2 x DBNGP crossings and 2 x road crossings (Pluto Access Rd and Burrup Rd)
- Installation of Fibre Optic Cable (FOC)
- Backfill, compaction, testing and pre-commissioning of the PNI pipeline
- Reinstatement of the DBNGP Corridor and occupied areas of Nichol Bay Pipe Yard
- Civil, SMP, electrical and pre-commissioning of the Inlet Station, Meter Station and Pig Receiver above ground facilities

- Commence progressive completion of final punch list items
- Demobilisation of AGID and Contractor facilities, materials, equipment and machinery during the month of November

4. COMPLIANCE

The report has been prepared by AGID for submission to the Chief Executive Officer (CEO) of the DWER to meet the requirements of condition 4–1 of Statement No. 1117 and the Compliance Assessment Plan.

4.1 Methodology

The audit was conducted in November 2021.

The required reporting includes “whether the proponent has complied with each condition and procedure contained within the statement” and “conformed with each key action”. This section describes how compliance with each condition and conformance with key actions has been audited and reported.

Compliance with Statement No. 1117

An audit of compliance with the conditions and procedures of the Statement was conducted and a compliance status rating was applied in accordance with terminology described in Section 4.2. The full audit is presented in Section 5.

There were no potential non-compliances identified during the audit.

4.2 Audit terminology

The ‘Status’ field of the audit table (refer to Section 5) describes the implementation of the action and compliance with the condition, procedure or commitment. Although the CEO of the Office of Environmental Protection Authority (OEPA) makes the final determination of compliance, it is necessary to update this field each reporting period, as the project progresses. The OEPA (2012a, 2012b, 2012c and 2012d) has prepared updated guidance related to the preparation of compliance audits, including generic expressions that are used to identify the status of each item (Table 2).

Table 2: Action implementation status (Source: adapted from DWER Statement of Compliance)

Status	Description
Compliant (Conformant)	Implementation of the proposal has been carried out in accordance with requirements of the audit. (Conformant – as above in relation to actions of management plans / programmes)
Completed	A requirement with a finite period of application has been satisfactorily completed.
Not required at this stage	The requirements of the audit element were not triggered during the reporting period.
Potentially non-compliant (Potentially non-conformant)	Possible or likely failure to meet the requirements of the audit element. (Potentially non-conformant – as above in relation to actions of management plans / programmes)
In process	Where an audit element requires a management or monitoring plan be submitted to the OEPA or another government agency for approval, that submission has been made and no further information or changes have been requested by the OEPA or the other government agency and assessment by the OEPA or other government agency for approval is still pending.

5. TABLE OF COMPLIANCE (AUDIT TABLE)

This report has been prepared to address the status and compliance of the proposal with the conditions in the Statement in accordance with the annual compliance reporting requirements of conditions 4–1 to 4–6 of the Statement. This report addresses all open conditions.

5.1 Compliance with Statement No 1117 conditions

The detailed results of the audit of Statement 1117 are presented in Table 3. Condition 1-1 of Statement 1117 requires implementation of the proposal as documented in Schedule 1 of the Statement.

There were no potential non-compliances identified during the audit.

Corrective actions

No corrective actions have been undertaken as there were no non-compliances identified in this reporting period.

Table 3: Results of audit of Statement No. 1117

Condition No. MS1117	Subject	Phase	Condition	How	Evidence	When	Compliance Status	Notes / Further Information
1-1	Implementation	Overall	<p>When implementing the proposal, the proponent shall not exceed the authorised extent of the proposal as defined in Table 2 of Schedule 1, unless amendments to the proposal and the authorised extent of the proposal have been approved under the Environmental Protection Act (EP Act).</p> <p>Table 2, Schedule 1: Vegetation Clearing shall not exceed:</p> <p>No more than 10.69ha of which 3.26ha is within the KGP Lease and Buffer Zone lease and 7.43ha within the DBNGP Corridor and Dampier Facilities Area.</p>	Implement the proposal as per MS1117 Table 2 Schedule 1	<p>Vegetation Clearing Register</p> <p>Weekly HSE Inspection Records</p> <p>HSE Audits</p> <p>Final construction GIS / survey date</p> <p>Compliance Assessment Reports - 20210108 PNI MS 1117 ACAR Rev 1</p>	During and post construction	Compliant	<p>All clearing has been completed and constrained within the authorised extent of the proposal. Clearing was limited to an overall total of 8.24 ha, a total of 2.45 ha less than the authorized limit of 10.69 ha.</p> <p>The Buffer Zone lease area inside Karratha Gas Plant clearing total was restricted to an 18m width corridor for the pipeline infrastructure and total clearing of 1.52ha. The DBNGP Corridor and Dampier Facilities cleared area total is 6.72 ha. (Appendix F)</p> <p>Vegetation clearing was minimised where possible to necessary disturbance only for activities and minimised in close proximity to sensitive areas including cultural heritage exclusion zones and natural drainage features.</p> <p>The pipeline corridor inside the Karratha Gas Plant as well as the bitumen access road at Dampier Facilities have been cleared previously for infrastructure, as noted in the executive summary of the Flora and Fauna survey supporting documentation – ‘approximately 33% of the survey area has been cleared for infrastructure and is therefore rated as completely degraded’.</p>
2-1	Contact Details	Overall	The proponent shall notify the Chief Executive Officer (CEO) of any change of its name, physical address or postal address for the serving of notices or other correspondence within twenty-eight (28) days of such change. Where the proponent is a corporation or an association of persons, whether incorporated or not, the postal address is that of the principal place of business or of the principal office in the State.	Notify the CEO of any change of name or address	Copy of correspondence with DWER	Within 28 days of such change	Compliant	The proponent name of AGI Operations Pty Ltd (AGID) and physical address remained unchanged during the reporting period.
3-1	Time Limit for Proposal Implementation	Overall	The proponent shall not commence implementation of the proposal after five (5) years from the date of this Statement, and any commencement, prior to this date, must be substantial.	Implement the proposal prior to 21 November 2024	<p>Compliance Assessment Report – 20210108 PNI MS 1117 ACAR Rev 1</p> <p>Daily Project Reports</p> <p>Monthly project reports</p>	By 21 November 2024	Completed	<p>Work on the project continued through the reporting period including project practical completion being achieved on 19 November 2021.</p> <p>While outside of the reporting period, a notice of substantial completion was provided to DMIRS on 23 November 2021. This notice stated “ <i>the milestone included all leak testing, re-instatement works of disturbed locations and removal of site offices and crib rooms. Punchlisting, defect and final commissioning works shall continue into 2022.</i> ”</p> <p>Facilities works included contractor mobilization, site set-out, civil works, footings, mechanical, electrical and instrumentation, and pre-commissioning have been conducted and completed in the reporting period.</p> <p>Pipeline works included contractor mobilization, site set-out, clear and grade, pipe stringing, welding, coating, trench excavation, pipe lowering-in, cable installation, backfill, the majority of commissioning and site reinstatement along with demobilisation works have been completed in the reporting period.</p> <p>Final punch list items only remain to be completed along with commissioning prior to the introduction of natural gas.</p>

Condition No. MS1117	Subject	Phase	Condition	How	Evidence	When	Compliance Status	Notes / Further Information
3-2	Time Limit for Proposal Implementation	Implementation	Any commencement of implementation of the proposal, on or before five (5) years from the date of this Statement, must be demonstrated as substantial by providing the CEO with written evidence, on or before the expiration of five (5) years from the date of this Statement.	Substantially commence the proposal.	Correspondence with DWER including Annual Compliance Assessment Report – 20210108 PNI MS 1117 ACAR Rev 1	By 21 November 2024	Compliant	This report provides evidence of commencement of the proposal and through to practical completion of the project. Refer to Section 3 for more information on works completed in the reporting period. Appendix B-F provide evidence of the works completed.
4-1	Compliance Reporting	Overall	The proponent shall prepare and maintain a Compliance Assessment Plan which is submitted to the CEO at least six (6) months prior to the first Compliance Assessment Report required by condition 4-6, or prior to implementation of the proposal, whichever is sooner.	Approved Compliance Assessment Plan (this plan)	Correspondence with DWER (submission and approval of Compliance Assessment Plan) 20200602 DWER – DDG Statement 1117 Approval of Compliance Assessment Plan 20200429 PNI Compliance Assessment Plan Rev 1	Prior to implementation or 6 months prior to first Compliance Assessment Report being due (21 August 2020)	Completed	A Compliance Assessment Plan (CAP) was submitted to DWER for approval on 29 April 2020. This meets the six months prior to the first Compliance Assessment Report (21 February 2021) requirement of the condition. The CAP was approved on 2 June 2020
4-2	Compliance Reporting	Overall	The Compliance Assessment Plan shall include: (1) the frequency of compliance reporting; (2) the approach and timing of compliance assessments; (3) the retention of compliance assessments; (4) the method of reporting of potential non-compliances and corrective actions taken; (5) the table of contents of Compliance Assessment Reports; and (6) public availability of Compliance Assessment Reports.	Approved Compliance Assessment Plan (this plan)	Correspondence with DWER (submission and approval of Compliance Assessment Plan) 20200602 DWER – DDG Statement 1117 Approval of Compliance Assessment Plan	Post submission to DWER	Completed	The CAP was deemed to meet all requirements as per DWER approval (as detailed by above).
4-3	Compliance Reporting	Overall	After receiving notice in writing from the CEO that the Compliance Assessment Plan satisfies the requirements of condition 4-2, the proponent shall assess compliance with conditions in accordance with the Compliance Assessment Plan required by condition 4-1.	Compliance is assessed according to Compliance Assessment Plan	Correspondence with DWER (submission and approval of Compliance Assessment Plan) Compliance Assessment Report 20200602 DWER – DDG Statement 1117 Approval of Compliance Assessment Plan	Within 15 months of the approval of the project (21 February) then annually	Compliant	This Annual Compliance Assessment Report is conducted in line with the approved CAP.
4-4	Compliance Reporting	Overall	The proponent shall retain reports of all compliance assessments described in the Compliance Assessment Plan required by condition 4-1 and shall make those reports available when requested by the CEO.	Reports, records and data shall be retained in accordance with document management system	Records available and used as evidence in Compliance Assessment Report	Annually	Compliant	Health, Safety and Environment (HSE) Audits and Weekly HSE Inspection records are kept. Additionally, clearing records, permits and other records are kept as required to inform compliance to the CAP. Appendix B provides a copy of a HSE Audit conducted on the project.

Condition No. MS1117	Subject	Phase	Condition	How	Evidence	When	Compliance Status	Notes / Further Information
4-5	Compliance Reporting	Overall	The proponent shall advise the CEO of any potential non-compliance within seven (7) days of that non-compliance being known.	All non-compliance events are reported within timeframes to the CEO	Correspondence with DWER (includes phone communication and written records)	Within 7 days of known non-compliance	Compliant	There were no non-compliances identified during the reporting period. Health, Safety and Environment (HSE) Audits and Weekly HSE Inspections are conducted to assess compliance. Additionally, clearing records, permits and other records are kept as required to inform compliance to the CAP. Appendix B provides a copy of a HSE Audit conducted on the project. Event reporting for incidents was also in place for the project with no non-compliances identified or reported during the reporting period.
4-6	Compliance Reporting	Overall	The proponent shall submit to the CEO the first Compliance Assessment Report fifteen (15) months from the date of issue of this Statement addressing the twelve (12) month period from the date of issue of this Statement and then annually from the date of submission of the first Compliance Assessment Report, or as otherwise agreed in writing by the CEO. The Compliance Assessment Report shall: (1) be endorsed by the proponent's Chief Executive Officer or a person delegated to sign on the Chief Executive Officer's behalf; (2) include a statement as to whether the proponent has complied with the conditions; (3) identify all potential non-compliances and describe corrective and preventative actions taken; (4) be made publicly available in accordance with the approved Compliance Assessment Plan; and (5) indicate any proposed changes to the Compliance Assessment Plan required by condition 4-1.	Submission of Compliance Assessment Report on time	Correspondence with DWER (includes submission and receipt of Annual Compliance Reports) The approval of the Compliance Assessment Plan detailed the date of 21 February 2020 as the due date for the first report. Annual Compliance Assessment Report – 20210108 PNI MS 1117 ACAR Rev 1	Within 15 months of the approval of the project (21 February 2020) then annually	Compliant	This Annual Compliance Assessment Report meets the requirements of the condition.
5-1	Public Availability of Data	Overall	Subject to condition 5-2, within a reasonable time period approved by the CEO of the issue of this Statement and for the remainder of the life of the proposal the proponent shall make publicly available, in a manner approved by the CEO, all validated environmental data (including sampling design, sampling methodologies, empirical data and derived information products (e.g. maps), management plans and reports relevant to the assessment of this proposal and implementation of this Statement.	All public available data is updated and available both on request and through the Australian Gas Infrastructure Group (AGIG) Website.	AGIG website hosts relevant documentation and data. Reviewed when undertaking the Annual Compliance Report	Life of the proposal	Compliant	The CHMP and CEMP are included on the AGIG website (https://www.agig.com.au/articles/pluto-nw-shelf-interconnector) Additionally, the Flora and Fauna Survey completed for the project is included on the website.

Condition No. MS1117	Subject	Phase	Condition	How	Evidence	When	Compliance Status	Notes / Further Information
5-2	Public Availability of Data	Overall	If any data referred to in condition 5-1 contains particulars of: (1) a secret formula or process; or (2) confidential commercially sensitive information; The proponent may submit a request for approval from the CEO to not make these data publically available. In making such a request the proponent shall provide the CEO with an explanation and reasons why the data should not be made publically available.	Submission of requests to the CEO	Correspondence with DWER (in relation to requests)	As required	Not required at this stage	
6-1	Cultural Heritage Management Plan Implementation	Overall	The proponent shall implement the proposal to meet the following environmental objective: (1) Avoid where possible and minimise direct and indirect impact so that the proposal does not cause long term impacts on Aboriginal Heritage values.	Implement Cultural Heritage Management Plan (CHMP)	Compliance Assessment Report details implementation of the CHMP. Electronic communication notification from TO groups confirming completion of reinstatement works to TO standard. Weekly HSE Inspection Records HSE Audits	Prior to and during the construction phase	Compliant	Implementation of the CHMP controls included the following: Full time personnel on the project completed the Cultural Awareness module facilitated by the Murujuga Aboriginal Corporation (MAC) - Records maintained and checked on the induction register identify personnel full time on the project completed this module. Traditional Owner representatives were present on site as cultural heritage monitors for pipeline disturbance works. Demarcation and signage had been installed and maintained around heritage sites as No Go Zones throughout the reporting period and removed as requested by the Traditional Owner Groups upon pipeline completion. Regular monitoring of heritage sites and compliance was undertaken as well as Weekly HSE Inspections. A copy of a Weekly HSE inspection is included in Appendix C. Inspection of reinstatement works was undertaken by the Traditional Owner’s representatives and confirmed the landform had successfully been reinstated to pre-existing landscape condition and to a high standard. Electronic notification was communicated confirming the successful reinstatement works completed.
6-2	Cultural Heritage Management Plan Implementation	Overall	In order to meet the requirements of condition 6-1, the proponent shall implement the Pluto - NWS Interconnector Cultural Heritage Management Plan (version 1, December 2018).	Implementation of the CHMP	Compliance Assessment Report details implementation of the CHMP Weekly HSE Inspection Records HSE Audits	Until the CEO has confirmed by notice in writing that the plan meets the objective specified in condition 6-1	Compliant	The Proponent implemented the approved version of the CHMP throughout the reporting period. Regular monitoring of heritage sites and compliance was undertaken as well as Weekly HSE Inspections. A copy of a Weekly HSE inspection is included in Appendix C.
6-3	Cultural Heritage Management Plan Implementation	Overall	The proponent shall implement the most recent version of the Cultural Heritage Management Plan which the CEO has confirmed by notice in writing, addresses the requirements of condition 6-1.	Approval of any revisions of the CHMP ensuring Condition 6-1 is met	Correspondence with DWER (approval of any new revisions) Compliance Assessment Reports against CHMP Weekly HSE Inspection Records HSE Audits	Until the CEO has confirmed by notice in writing that the plan meets the objective specified in condition 6-1	Compliant	The Proponent implemented the approved version of the CHMP throughout the reporting period. Regular monitoring of heritage sites and compliance was undertaken as well as Weekly HSE Inspections. A copy of a Weekly HSE inspection is included in Appendix C.

Condition No. MS1117	Subject	Phase	Condition	How	Evidence	When	Compliance Status	Notes / Further Information
6-4	Cultural Heritage Management Plan Implementation	Overall	The proponent shall continue to implement the Cultural Heritage Management Plan (version 1, December 2018), or any subsequent revisions as approved by the CEO in condition 6-3, until the CEO has confirmed by notice in writing that the plan meets the objective specified in condition 6-1.	CEO confirms that the objective in Condition 6-1 has been met by the plan or revisions	Correspondence with DWER (approval of any new revisions) Compliance Assessment Reports against CHMP Weekly HSE Inspection Records HSE Audits	Until the CEO has confirmed by notice in writing that the plan meets the objective specified in condition 6-1.	Compliant	The Proponent implemented the approved version of the CHMP throughout the reporting period. Regular monitoring of heritage sites and compliance was undertaken as well as Weekly HSE Inspections. A copy of a Weekly HSE inspection is included in Appendix C.
7-1	Construction Environmental Management Plan Implementation	Overall	Construction Environmental Management Plan Implementation The proponent shall implement the proposal to meet the following environmental objective: (1) Avoid, where possible, and minimise direct and indirect impacts as far as practicable to Priority flora; <i>Terminalia supranitifolia</i> (P3) and <i>Rhynchosia bungarensis</i> (P4). (2) Avoid, where possible, and minimise direct and indirect impacts as far as practicable to significant fauna; <i>Dasyurus hallucatus</i> (Northern Quoll) and <i>Liasis olivaceus barroni</i> (Pilbara Olive Python).	Construction Environmental Management Plan (CEMP)	Compliance Assessment Report details implementation of the CEMP PNI Environmental Line List Rev 3 CP2400008-Z-LST-031-01 Fauna Register Clearing Register Weekly HSE Inspection Records HSE Audits	Until the CEO has confirmed by notice in writing that the plan meets the objective specified in condition 7-1.	Compliant	The Proponent implemented the approved version of the CEMP throughout the reporting period. The Environmental Line List had been developed and implemented to avoid and minimize impacts to the listed species. Clearing was minimised where possible as detailed in the Clearing Register and disturbance totals provided in condition 1-1 above. A qualified fauna spotter catcher holding Fauna Taking (Relocation) Licence FR28000194-2 and FR280000204 was used throughout the reporting period for disturbance works and monitoring. An Authorisation to Take or Disturb Threatened Species TFA2021-0059 was also held, however no threatened species were encountered. Monitoring undertaken and records completed included Weekly HSE Inspections, daily fauna records and maintaining a fauna register for fauna interactions. Timing of fauna inspections of open trenches were undertaken 3 x times per day as required and included within 3 hours of sunrise, between 11.30 - 2.30pm, and prior to sunset (after 4pm). A total of 94 fauna interactions were recorded throughout the reporting period. A total of 88 x fauna were relocated alive and 8 x deceased fauna identified, resulting in a fauna fatality rate of 8.5% of all fauna interactions. It is to be noted 4 x of the deceased fauna were identified during rehabilitation works involving movement and placement of a significant amount of rock material. Priority 3 flora species <i>Terminalia supranitifolia</i> was avoided in 3 locations and Priority 4 species <i>Rhynchosia bungarensis</i> avoided in 1 location adjacent to the pipeline easement as identified in the Environmental Line List. Translocation of 1 x <i>Terminalia supranitifolia</i> plant was able to be undertaken within the pipeline corridor adjacent to the drainage feature at KP0.9. Unfortunately, the relocation was not successful with the plant not surviving. Impact was minimised to significant fauna <i>Dasyurus hallucatus</i> (Northern Quoll) and <i>Liasis olivaceus barroni</i> (Pilbara Olive Python), including no injuries or fatalities and a reduced pipeline easement width of 15-18m within the localized habitat area. There were no recorded interactions with the subject significant fauna species.
7-2	Construction Environmental Management Plan Implementation	Overall	In order to meet the requirements of condition 7-1, the proponent shall implement the Pluto North West Shelf Interconnector Construction Environmental Management Plan (Rev B, April 2019).	Implementation of the CEMP	Compliance Assessment Report details implementation of the CEMP HSE Audits	Until the CEO has confirmed by notice in writing that the plan meets the objective specified in condition 7-1.	Compliant	HSE Audits were completed on 22-23 March and 14-16 July, 2021. No non-compliances were identified from implementation of the CEMP. Good practices in tracking of weekly HSE inspections and corrective actions were noted in both audits held.

Condition No. MS1117	Subject	Phase	Condition	How	Evidence	When	Compliance Status	Notes / Further Information
					Weekly HSE Inspections			<p>One opportunity for improvement (OFI) identified from the audit held on 22-23 March included the incorrect storage of an epoxy grout and one OFI identified from the 14-16 July audit included the clearing register was not completely up to date at the time of the audit. The epoxy grout was removed from site and the clearing register was updated post audit.</p> <p>Weekly HSE Inspections were conducted as required by the CEMP, as well as daily fauna records from daily fauna monitoring, including open trench inspections and spotter catching activities.</p>
7-3	Construction Environmental Management Plan Implementation	Overall	The proponent shall implement the most recent version of the Construction Environmental Management Plan which the CEO has confirmed by notice in writing, addresses the requirements of condition 7-1.	Approval of any revisions of the CEMP ensuring Condition 7-1 is met	<p>Correspondence with DWER</p> <p>Compliance Assessment Reports against CEMP including HSE Audits and Weekly HSE Inspections</p>	Until the CEO has confirmed by notice in writing that the plan meets the objective specified in condition 7-1.	Compliant	<p>The Proponent implemented the approved version of the CEMP throughout the reporting period. HSE audits were undertaken on 22-23 March and July 14 – 16 July, 2021 and Weekly HSE Inspections were undertaken each week throughout the reporting period.</p> <p>No non-compliances were identified from the audits held including implementation of the CEMP. Good practices in tracking of Weekly HSE Inspections and corrective actions were noted in both audits held. Refer to Section 7-2 above for further details.</p>
7-4	Construction Environmental Management Plan Implementation	Overall	The proponent shall continue to implement the Construction Environmental Management Plan (Rev B, April 2019), or any subsequent revisions as approved by the CEO in condition 7-3, until the CEO has confirmed by notice in writing that the plan meets the objective specified in condition 7-1.	CEO confirms that the objective in Condition 7-1 has been met by the plan or revisions	<p>Correspondence with DWER</p> <p>Compliance Assessment Reports against CEMP including HSE Audits and Weekly HSE Inspections</p>	Until the CEO has confirmed by notice in writing that the plan meets the objective specified in condition 7-1.	Compliant	The Proponent implemented the approved version of the CEMP throughout the reporting period. Refer to Section 7-2 above for further details.

6. ENVIRONMENTAL INFORMATION AND MONITORING

Water quality testing was undertaken during the reporting period for hydrostatic testing, dust suppression and construction use on site. Potable water sourced from the Burrup Rd stand pipe and a local supplier was used as hydrotest water and no chemicals were required to be added for the hydrotest water. pH levels tested were recorded between 8.1-8.2. Physical and chemical water testing and analysis was not required in accordance with Table 6-26 of the CEMP and as described above. Table 6-26 of the CEMP details "Potable water used for hydrostatic testing shall be assumed to already meet water quality guidelines and hence, shall not require chemical analysis or treatment prior to discharge, provided there has been no chemical added to water during testing".

No hydrotest water or sediment laden water was required to be dewatered off site throughout the reporting period as the water was re-used for construction use and dust suppression.

A total of 2.5 mega litres of water was used from the Burrup Rd water standpipe as construction water and dust suppression along the pipeline corridor and Nickol Bay yard area. Additionally, 4.2 mega litres was used for hydrotesting which was also re-used as dust suppression along the pipeline corridor and at the Nickol Bay yard area.

All clearing undertaken has been completed and constrained within the authorised extent of the proposal. Clearing was limited to an overall total of 8.24 ha, a total of 2.45 ha less than the authorized limit of 10.69 ha. The Karratha Gas Plant pipeline corridor was restricted to an 18m disturbance width and including the Buffer Lease area totaled 1.52ha. The DBNGP Corridor and Dampier Facilities cleared area total is 6.72 ha. Weekly HSE Inspections and frequent monitoring of the clearing activities was undertaken to ensure compliance and minimization of disturbance areas within the authorized pipeline corridor.

Vegetation clearing was minimised where possible to necessary disturbance only for activities and minimised in close proximity to sensitive areas including cultural heritage exclusion zones and natural drainage features. The pipeline corridor inside the Karratha Gas Plant as well as the bitumen access road at Dampier Facilities have been cleared previously for infrastructure, as noted in the executive summary of the Flora and Fauna survey supporting documentation – 'approximately 33% of the survey area has been cleared for infrastructure and is therefore rated as completely degraded'.

Traditional Owner representatives were present on site as cultural heritage monitors for pipeline disturbance works to monitor compliance with the Cultural Heritage Management Plan (CHMP) protection of the heritage site exclusion zones. Demarcation and signage had been installed and maintained around heritage sites as No Go Zones throughout the reporting period and removed as requested by the Traditional Owner Groups upon pipeline completion. Frequent monitoring of heritage sites and compliance was undertaken as well as Weekly HSE Inspections, with no recorded non-compliances or impacts. Inspection of reinstatement works was undertaken by the Traditional Owner's representatives and confirmed the landform had successfully been reinstated to pre-existing landscape condition and to a high standard.

A qualified and experienced fauna handler holding a Fauna Taking (Relocation) Licence (FR28000194-2 and FR280000204) was in place for all clearing and reinstatement disturbance activities to identify and relocate fauna. A total of 94 fauna interactions were recorded, resulting in 88 x alive relocations and 8 x deceased fauna. There were no interactions or deaths recorded of any threatened species. Fauna monitoring was captured using the Fauna Register and Daily Fauna Spotter Catcher Daily Record Form (17878-ENV-FRM-002).

Fauna trench checks of open trenches were undertaken 3 x times per day including within 3 hours of sunrise, between 11.30 – 2.30pm and prior to sunset (after 4pm).

Completed pipeline reinstatement works and final clean-up of materials and equipment were verified and compliant through the Weekly HSE Inspection process as well as frequent monitoring and sign-off of the Inspection and Test Records (ITR) for pipeline reinstatement.

Monitoring for weed germination of spread was undertaken throughout the reporting period and documented in the Weekly HSE Inspections completed. No new weeds of concern or increased spread was identified.

Visual air quality monitoring was undertaken throughout the reporting period and water trucks used for dust suppression throughout the project activities. Driving to conditions and reduced site speed limits of 10km/hr also minimised dust generation from activities.

A total of 3 x environmental incidents were recorded throughout the reporting period that were not notifiable in accordance with Ministerial Statement No. 1117 or the approved CEMP. An ignition of grass of an estimated 5m² occurred (and swiftly extinguished by the fire spotter) adjacent to the pipeline corridor and likely caused from hot swarf from a rock breaker attachment in use. The remaining 2 x incidents were minor diesel spills to ground of estimated quantities of 2 litres and 5 litres respectively. The hydrocarbon spills were not located adjacent to any watercourses and were cleaned up and disposed of in a designated hydrocarbon waste bin.

Waste generated was segregated into labelled waste bins and serviced as required. Waste data totals captured for the reporting period included 180m³ of general waste; 21m³ of scrap steel; 42m³ of recycled waste; 27m³ of timber; 12m³ of hydrocarbon waste and 140.4m³ of liquid septic waste.

7. STATEMENT REGARDING COMPLIANCE

The audit identified no non-compliances against MS1117 for the 2021 reporting period.

A Statement of Compliance is included as Appendix A.

APPENDIX A: STATEMENT OF COMPLIANCE

Statement of Compliance

1 Proposal and Proponent Details

Proposal Title	<i>Pluto North West Shelf Interconnector Pipeline</i>
Statement Number	<i>1117</i>
Proponent Name	<i>AGI Operations Pty Limited</i>
Proponent's Australian Company Number (where relevant)	081 609 289

2 Statement of Compliance Details

Reporting Period	<i>21/11/20 to 20/11/21</i>
------------------	-----------------------------

Implementation phase(s) during reporting period (please tick ✓ relevant phase(s))							
Pre-construction	<input type="checkbox"/>	Construction	<input checked="" type="checkbox"/>	Operation	<input type="checkbox"/>	Decommissioning	<input type="checkbox"/>

Audit Table for Statement addressed in this Statement of Compliance is provided at Attachment:	<input checked="" type="checkbox"/>
<p>An audit table for the Statement addressed in this Statement of Compliance must be provided as Attachment 2 to this Statement of Compliance. The audit table must be prepared and maintained in accordance with the Department of Water and Environmental Regulation (DWER) <i>Post Assessment Guideline for Preparing an Audit Table</i>, as amended from time to time. The 'Status Column' of the audit table must accurately describe the compliance status of each implementation condition and/or procedure for the reporting period of this Statement of Compliance. The terms that may be used by the proponent in the 'Status Column' of the audit table are limited to the Compliance Status Terms listed and defined in Table 1 of Attachment 1.</p>	

Were all implementation conditions and/or procedures of the Statement complied with within the reporting period? (please tick ✓ the appropriate box)			
No (please proceed to Section 3)	<input type="checkbox"/>	Yes (please proceed to Section 4)	<input checked="" type="checkbox"/>

3 Details of Non-compliance(s) and/or Potential Non-compliance(s)

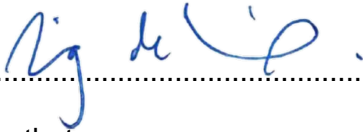
The information required Section 3 must be provided for each non-compliance or potential non-compliance identified during the reporting period covered by this Statement of Compliance.

Non-compliance/potential non-compliance 3-1

Which implementation condition or procedure was non-compliant or potentially non-compliant?	
Was the implementation condition or procedure non-compliant or potentially non-compliant?	
On what date(s) did the non-compliance or potential non-compliance occur (if applicable)?	
Was this non-compliance or potential non-compliance reported to the General Manager, OEPA?	
<input type="checkbox"/> Yes <input type="checkbox"/> Reported to DWER verbally Date __ __ <input type="checkbox"/> Reported to DWER in writing Date _____	<input type="checkbox"/> No
What are the details of the non-compliance or potential non-compliance and where relevant, the extent of and impacts associated with the non-compliance or potential non-compliance?	
What is the precise location where the non-compliance or potential non-compliance occurred (if applicable)? (please provide this information as a map or GIS co-ordinates)	
What was the cause(s) of the non-compliance or potential non-compliance?	
What remedial and/or corrective action(s), if any, were taken or are proposed to be taken in response to the non-compliance or potential non-compliance?	
What measures, if any, were in place to prevent the non-compliance or potential non-compliance before it occurred? What, if any, amendments have been made to those measures to prevent re-occurrence?	
Please provide information/documentation collected and recorded in relation to this implementation condition or procedure:	
<ul style="list-style-type: none"> • in the reporting period addressed in this Statement of Compliance; and • as outlined in the approved Compliance Assessment Plan for the Statement addressed in this Statement of Compliance. (the above information may be provided as an attachment to this Statement of Compliance)	

Proponent Declaration

I, Craig de Laine (CEO) declare that I am authorised on behalf of AGI Operations Pty Limited (being the person responsible for the proposal) to submit this form and that the information contained in this form is true and not misleading.

Signature: 

Date: 21 February 2022

Please note that:

- it is an offence under section 112 of the *Environmental Protection Act 1986* for a person to give or cause to be given information that to his knowledge is false or misleading in a material particular; and
- the Chief Executive Officer of the DWER has powers under section 47(2) of the *Environmental Protection Act 1986* to require reports and information about implementation of the proposal to which the statement relates and compliance with the implementation conditions.

4 Submission of Statement of Compliance

One hard copy and one electronic copy (preferably PDF on CD or thumb drive) of the Statement of Compliance are required to be submitted to the Chief Executive Officer, DWER, marked to the attention of Manager, Compliance (Ministerial Statements).

Please note, the DWER has adopted a procedure of providing written acknowledgment of receipt of all Statements of Compliance submitted by the proponent, however, the DWER does not approve Statements of Compliance.

5 Contact Information

Queries regarding Statements of Compliance, or other issues of compliance relevant to a Statement may be directed to Compliance (Ministerial Statements), DWER:

Manager, Compliance (Ministerial Statements)**Department of Water and Environmental Regulation**

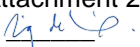
Postal Address: Locked Bag 10
EAST PERTH WA 6892

Phone: (08) 6364 7000

Email: compliance@dwer.wa.gov.au

6 Post Assessment Guidelines and Forms

Post assessment documents can be found at www.epa.wa.gov.au

Each page (including Attachment 2) must be initialed by the person who signs Section 4 of this Statement of Compliance. INITIALS: 

ATTACHMENT 1

Table 1 Compliance Status Terms

Compliance Status Terms	Abbrev	Definition	Notes
Compliant	C	Implementation of the proposal has been carried out in accordance with the requirements of the audit element.	This term applies to audit elements with: <ul style="list-style-type: none"> ongoing requirements that have been met during the reporting period; and requirements with a finite period of application that have been met during the reporting period, but whose status has not yet been classified as 'completed'.
Completed	CLD	A requirement with a finite period of application has been satisfactorily completed.	This term may only be used where: <ul style="list-style-type: none"> audit elements have a finite period of application (e.g. construction activities, development of a document); the action has been satisfactorily completed; and the DWER has provided written acceptance of 'completed' status for the audit element.
Not required at this stage	NR	The requirements of the audit element were not triggered during the reporting period.	This should be consistent with the 'Phase' column of the audit table.
Potentially Non-compliant	PNC	Possible or likely failure to meet the requirements of the audit element.	This term may apply where during the reporting period the proponent has identified a potential non-compliance and has not yet finalized its investigations to determine whether non-compliance has occurred.
Non-compliant	NC	Implementation of the proposal has not been carried out in accordance with the requirements of the audit element.	This term applies where the requirements of the audit element are not "complete" have not been met during the reporting period.
In Process	IP	Where an audit element requires a management or monitoring plan be submitted to the DWER or another government agency for approval, that submission has been made and no further information or changes have been requested by the DWER or the other government agency and assessment by the DWER or other government agency for approval is still pending.	The term 'In Process' may not be used for any purpose other than that stated in the Definition Column. The term 'In Process' may not be used to describe the compliance status of an implementation condition and/or procedure that requires implementation throughout the life of the project (e.g. implementation of a management plan).

APPENDIX B: PNI HSE AUDIT

ZERO HARM

PNI Compliance Audit

HSE-AUD-088

Rev #	Date	Prepared By	Reviewed By	Approved By	Description
0.1	27/7/2021	Mark Brown	JW, RM		Initial Draft
1.0	3/8/2021	Mark Brown	John Wilson	Rick Maple	Issued

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CONTENTS

1.	DETAILS	3
2.	OVERVIEW	3
3.	RESULTS.....	3
	3.1 <i>Good Practice</i>	3
	3.2 <i>Opportunities for improvement</i>	4
	3.3 <i>Non-compliance</i>	5
	3.4 <i>Additional Recommendations</i>	5
4.	ACTIONS	6
5.	CONCLUSION	6
	<i>APPENDIX 1 – EVIDENCE & IMAGES</i>	7
	<i>APPENDIX 2 - DETAILED ASSESSMENT AGAINST AUDIT CRITERIA</i>	9
	<i>APPENDIX 3 – INTERVIEW LIST</i>	20

1. DETAILS

Date: 14-16 July 2021

Location: Pluto Meter Station, Nickol Bay Pipeyard and right of way

Participants: Mark Brown (Lead Auditor), Shaun Smith (Project HSEH Advisor), Tony Henderson (MPK HSE), Tony Timms (VMX HSE) and Jeff Arentz (Pipeline Construction Manager)

2. OVERVIEW

- A single non-compliance was noted in relation to procedures reflected in the HSMP but not in evidence within the MPK document system. Specifically the lack of a Hot Work Procedure.
- The prestart UpVise (MPK) program was well implemented for mobile plant, however some minor small equipment had not been included and required prestart documentation.
- Verification of Competency and tracking of training was at a high level.
- The Construction PTW process was well implemented and understanding by PIO's interviewed was generally high, one exception to this was a discussion with a PIO in relation to application of Excavation Entry and when that is required. This linked to ensuring personnel completed a JHA review or other risk assessment to ensure this change in activity was well understood. Further to this, elimination of the risk was being used the previous day (i.e. using the excavator) rather than having someone exposed to the trench when not necessary.
- The training and approval for Contractor PIO's was implemented to standard.
- Flex 5 was completed prior to works being undertaken post morning pre-start. All AGIG employees and both contractor work forces were in attendance, the stretches were varied to ensure the whole body was considered, and was being done properly by all involved.

3. RESULTS

Detailed assessment against all audit criteria is provided in Appendix B. Performance against each obligation is recorded as either *Compliant*, *Opportunity for Improvement*, or *Non-Compliant* with the tool marked where assessment was not undertaken against the scope of works. All findings have been risk assessed in regards to Risk Management in line with audit processes within AGIG.

One non-compliance were identified throughout the audit but was low risk. Ten opportunities for improvement, all of which were of low risk arose. The OFI's are based around the HSMP commitments, full implementation of requirements (electrical tagging, fire extinguishers, pre-starts and lifting equipment).

3.1 Good Practice

Obligation	Comments
<i>SWMS Management and Approval</i>	The project and MPK specifically have a well documented approach to the approval of SWMS. This includes a checklist review completed by HSE as part of contractor approval and document control tracking of MPK SWMS with AGIG.

<i>CPTW PIO Training</i>	The training and delegation of the PIO role as set out in the CPTW procedure is well established and tracked. This includes all personnel that have undergone the training and in discussion, the assurance that those that do not meet the minimum competency are not passed.
<i>Verification of Competency (VOC)</i>	A specific VOC has been developed by MPK to include Vacuum lift operations and the use of the Marooka's. This includes both theory and practical and has been completed by a SME onsite to each onsite mobile plant / equipment. This also transfers well to the training matrix.
<i>Tracking of Inspections and Corrective Actions</i>	Being well tracked and actions captured and reported on close out through both Contractors. This includes the AGIG Weekly HSE Inspection findings.
<i>Health Surveillance</i>	A high level of understanding and commitment demonstrated from MPK HSE in relation to management and health surveillance requirements for the use of isocyanate.

3.2 Opportunities for improvement

Finding	Obligation	Improvement	Risk
Opportunity for Improvement	Clearing Register / Ground Disturbance tracks and records all clearing	Ground Disturbance Register not up to date. Total was 4.4ha and this is not accurate.	Low
Opportunity for Improvement	Complete pre-starts on all equipment	Minor equipment such as pumps and generators at the Pipeyard do not have prestart documentation either available or completed.	Low
Opportunity for Improvement	MPK HSMP commitments: HSE Activity Planner – Sign off on HSMP by senior personnel – Project Legal Register – 10% Drug and Alcohol testing of personnel each month –	The HSE Activity Planner for all site audits, inspections and other HSE activities was not implemented. Appendix A (Register) of the HSMP was not in evidence. This is a commitment that all senior personnel sign off on their roles and responsibilities outlined in the HSMP. The Project Legal Register was not in evidence DandA testing undertaken immediately post audit for July but no previous testing was being completed.	Low
Opportunity for Improvement	Fire Extinguishers	Some fire extinguishers were noted out of date and a Wormald visit was booked, however they were not tagged out or removed from service when identified as out of date.	Low

Opportunity for Improvement	Training Matrix	<p>The PIO training, while being tracked was not added to either the VMX or MPK training matrices.</p> <p>While the majority of personnel had full and complete records. Some personnel (via MPK training matrix) had gaps that had not been filled even though there was evidence of these being followed up (requested).</p>	Low
Opportunity for Improvement	Lifting Equipment	<p>The Lifting register was not fully complete and there were several items that were with mobile plant that were still green tagged.</p> <p>For those in stores or at the pipeyard, all were tagged and recorded as required.</p>	Low
Opportunity for Improvement	<p>AGIG – Updates SDS for DAP to local supplier, Update to correct SP 8888 (brush not spray type)</p> <p>VMX – SDS for Lithium Molykote grease required</p>	<p>SDS not Australian Compliant</p> <p>SDS not available at time of audit.</p>	Low
Opportunity for Improvement	Two versions of the Hot Work Certificate in use on same day	Two versions of the HWC were in use at time of audit.	Low
Opportunity for Improvement	JHA updating	During personnel interviews, it was not demonstrated that when a new activity (or a change) was being undertaken (such as entry to the trench) that this risk was well managed through a review of the JHA or a Take 5 process.	Low
Opportunity for Improvement	Tagging of office and crib room switchboards	While RCD testing and NOE were completed. Tagging for reverification as per AS3000 was not in place on switchboards in the Pipeyard sea containers or office locations.	Low

3.3 Non-compliance

- a) The MPK HSMP refers to a procedure that is not in evidence, and utilises this as a specific control for a known risk. WHS-PRO-058 Hot Work Procedure had not been developed or available at time of audit. A Welding Safety procedure (also WHS-PRO-058) is available but does not cover off on non-welding hot works.

3.4 Additional Recommendations

During the audit, a small number of behavioural or procedural shortcomings were witnessed, raising a further potential focus areas. These below topics are recommendations for action through the site corrective action register:

- Add Dangerous Goods (DG) diamonds or GHS labels to storage locations to the existing HAZCHEM Label already in place.
- Ensure previous weekly toolboxes (May 2021) are recorded as currently there is no record of these occurring (even though they were held).
- Monitoring of FFW should be included and be more active as outlined in the HSMP, this includes documenting fatigue assessments and hydration monitoring.
- Ensure all document controlled documentation is correct and all signatures as required, i.e. Emergency Response Plan signatory page (AGIG).
- MPK to ensure that there is a first aider per work crew as required in the HSMP due to the separation of crews along the right of way.
- MPK to ensure the 3 month from mobilisation Audit is completed from Corporate HSEQ.

4. ACTIONS

Actions are to be outlined by each contractor to address the above findings and evidence provided of close out through the project Corrective Action Registers.

5. CONCLUSION

Overall, the audit findings were positive, the team on site were welcoming to the audit process, and were seen to display the vision and values that AGIG promotes on the project. The recent implementation of the Construction PTW created a higher level of oversight for AGIG as well as an improved understanding and relationship with the Contractor PIO's.

The SWMS approval and implementation with JHA's and Supervisor / LH Prestart documentation was all in place and well understood.

The MPK HSMP had controls and commitments that were not being met and this needs to continue to improve over time and through the revision process.

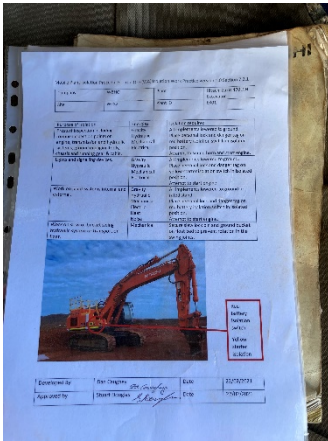
APPENDIX 1 – EVIDENCE & IMAGES



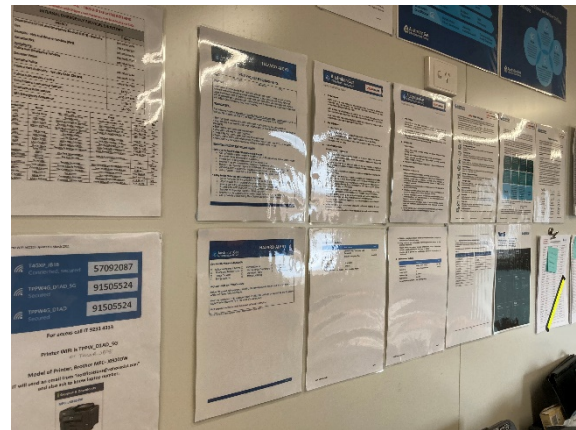
Water tank pump – no prestart



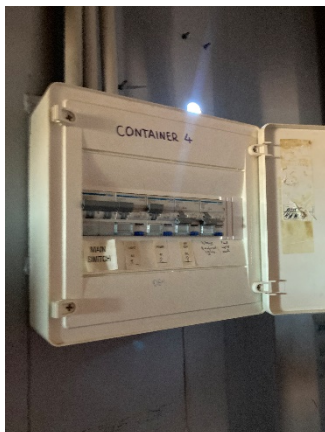
PTW Documentation



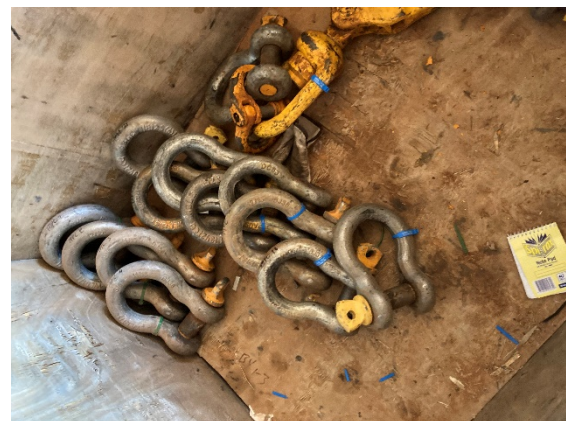
PRA Documentation



HSE Noticeboard including Policies



Switchboard – no Test tags



Lifting gear tagged in store containers



Green tag on Welding Marooka – out of date

APPENDIX 2 - DETAILED ASSESSMENT AGAINST AUDIT CRITERIA

OBJECTIVES	EVIDENCE	COMPLIANCE	COMMENT
CPTW	<p>MPK PRE-TRENCHING 14.7.21 CPTW - MICHAEL CHURCH AND JEFF ARENTZ JHA - MPK FORMAT - SIGNED BY OPERATORS SUPERVISOR DAILY PRE-START - IN PLACE - OPERATOR COMPETENCY NOTES IN PLACE - COMPLETED BY M CHURCH</p> <p>PREVIOUS DAYS - 13/7/21 BLAST AND COAT PRE HEAT PIPE - HOT WORK - M SIMPSON - HWC - FIRE WATCH - NO GAS DETECTING REQUIRED AS APPROVED BY AGIG PIC - TYSON FARMER, STEVE KEMP</p> <p>13/7/21 - PIPELINE MAINLINE WELDING - HWC - FIRE WATCH - PLUS EXTRA 15 MINS INCLUDED IN CERT. TOM ALLEN (FIRE WATCH), MATT PRIOR, LUKE GREIG</p>	C	<p>FOR DISCUSSION WITH MPK HSE</p> <p>SINGLE SPOTTER USED FOR TWO MACHINES - NO INCREASED RISK BUT PROBABLY NOT THE INTENT OF THE REQUIREMENT. THIS SHOULD HAVE THEN A MINIMUM/MAX DISTANCE THAT A SINGLE SPOTTER CAN BE USED</p>
CPTW	DOC CONTROL - TRANSMISSION OF CPTW PROCEDURE TO VALMEC AND MPK	C	MEETING NOTES DEMONSTRATE COMMUNICATION
CPTW	<p>VALMEC</p> <p>13/7/21 - WELDING DRILLING, CUTTING PIPE SPOOLS, - CHECK LIVE ASSET RESPONSE TRAVIS MCCARTHY - HWC FIRE WATCH - CHRIS COOPER, DIFFERENT FORM FROM PIPELINE - CHECK VERSION/ REVISION MANAGEMENT GAS TESTING NOT IMPLEMENTED AS PER FORM - NO RESULTS ENTERED FROM INITIAL TESTING AND NO ONGOING TESTING BEING COMPLETED. M MGUNI, M CUPPARI, M CAMILLERI</p>	OFI - VERSION CONTROL AS DIFFERENT VERSIONS BETWEEN PIPELINE AND FACILITIES	<p>OFI - COMPLETED - COMMS OF NEW VERSION WHILE ONSITE 14/7/21</p> <p>DOC CONTROL OF APPROVAL OF NEW VERSION</p>
CPTW	CPTW COMMUNICATION AND IMPLEMENTATION - TIMING CHECK -	C	COMMUNICATION OF NEW VERSIONS
CPTW	KBC	C	IN EVIDENCE OF KBC USE
OPTW -	DAMPIER FACILITY DBP PTW - 076635 CHRIS CAULFIELD PIO - EXCAVATION 1551 AND HWC 31445 J WYETH, M GALLIGAN, P JACKSON, E FITZ - GAS TESTING COMPLETED 0630 (INITIAL) 1030, 1430 (4 HOURLY)	C	
CPTW	PIO TRAINING AND CANDIDATES - VMX (FROM MEETING NOTES 18/3/21)	C	APPROVAL AND TRAINING PROCESS IN PLACE
CPTW	MPK - PIO APPROVAL FOR PERSONNEL AND TRACKING	OFI - ENSURE TRACKING OF PERSONNEL OF APPROVED PIO'S	TRACK TRAINING IN MATRIX

TRAINING - HSMF SIGN OFF	KEY ROLE PERSONNEL - INCLUDES PIO'S FROM CPTW	NC	NOT IN EVIDENCE TIME OF AUDIT COMPLETED AT TIME OF AUDIT
VISITOR / DELIVERY DRIVER REGISTER	REGISTER - IN PLACE AT AGIG OFFICE, AT NICKOL BAY PY,	C	
POP REGISTER	POPULATION REGISTER IN EVIDENCE - AGIG OFFICE	C	
PROJECT WHS REGISTER - MPK	LEGAL REGISTER - CORPORATE	OFI	PRO-115 FOR PROJECT OUTLINES NEED TO PROJECT LEGAL REGISTER GROUP CORPORATE REGISTER TEMPLATE AVAILABLE - QLD FOCUS
PRA	EXCAVATOR = SPG EX01 - MANUAL, PRA IN PLACE IN CAB	NEEDS LOGBOOK	CHECK PRESTART AND LOGBOOK AVAILABLE
	LIFTING EXCAVATOR AT NICKOL BAY	C	PRESTART ON APP
	EXCAVATOR -SEAN VAC LIFT	C	PRESTART ON APP
VOC	ERIC F	C	RIIMP0320 REQUIRED OR LE TICKET PLUS VOC (MPK PLAN)
	MAROOKA OPERATOR	C	
	HRWL? FORKLIFT ETC AT NICKOL BAY	C	
	TRAFFIC CONTROLLER	NOT PHYSICALLY CHECKED AT TIME OF AUDIT	IN MATRIX
	VAC LIFT	C	IN DEPTH AND GOOD COVERAGE
	MONTHLY TRAINING NEEDS ANALYSIS REPORT AND TRAINING GAP ANALYSIS - JUNE?	IN EVIDENCE - MATRIX	RUN AT TIME
COMMS	STEP 7 PROGRAM USE - NUMBERS - RESULTS - OUTCOMES OR ACTIONS ARISING	NOT IMPLEMENTED - REMOVED FROM LATEST HSMF VERSION	

	CORRECTIVE ACTION REGISTER	C	
	HSE NOTICE BOARD	C	
	INDUCTION RECORDS - ALL PERSONNEL	C	
	WEEKLY TOOLBOX RECORDS	C	TOPICS INCLUDE - 13/6 VIEWED - IN SHAREPOINT - INCLUDE A SAFETY, HEALTH AND WELLBEING AND ENVIRO TOPICS MIXED IN PLUS INCIDENT REVIEWS - WORKPLACE DISTRACTION USED - SIGN OFF PAGES INCLUDED
ERP	COPY IN OFFICE (HANGING FROM WALL)	C	
	ANHYDROUS AMMONIA - SIGNED AND AVAILABLE	UPDATE	REMOVE AS THIS IS THE OPERATIONS VERSION
	SAFE REFUGE SIGNAGE - IN PLACE	C	
	SAFE REFUGE EQUIPMENT	C	
	DAP AVAILABILITY IN VEHICLES	C	LIMITED IN SOME CASES - DISCUSSED WITH MPK
TRAFFIC MANAGEMENT	PILBARA TRAFFIC	C	INSPECTION OF SIGNS AND SPACING
MOBILISATION	29TH APRIL MOBILISATION	AUDIT DUE	3 MONTH OF MOBILISATION - DUE BY 29TH. DISCUSS IN OUTCOMES
LIFTING PLANS	ANY LIFTING PLANS USED	C	IN PLACE
	LOAD / UNLOAD CHECKLISTS	C	FOR LONG HAULS AND UNLOAD

SUB - C	SUBCONTRACTOR SWMS - ANY USED - HOW APPROVED / BY WHOM	C	APTS SWMS - APPROVED AND REVIEWED DOC CHECKLIST IN PLACE - IN DEPTH PROCESS
	TRAINING RECORDS	C	IN EVIDENCE - HOWEVER SOME EXEMPTION AS PER BELOW
	AUDITS AND INSPECTIONS COMPLETED	C	NOT SPECIFIC TO CONTRACTORS - MAY BE CAPTURED IN AN ACTIVITY CMR BUT NOT TARGETED
	FFW MANAGEMENT - SIGN OFF PRE MOBILISATION	RFI	BREATHO DAILY - MOBILISATION PROCESS / CONTRACTOR SELECTION
	ONBOARDING - APTS DOCUMENTS THROUGH HR, OCEANEERING - PILBARA TRAFFIC (LOCAL)	OFI	I.E. BRENTON TIDOE - LACK OF COMPLETION OF CERT'S
AUDITS AND INSP	AUDIT SCHEDULE - PROJECT HSE ACTIVITY PLANNER	OFI	REVIEW LATEST VERSION - HSE ACTIVITY PLANNER STILL REFERENCED
	INSPECTIONS COMPLETED - CMR MONTHLY (AS PER PLANNER)	C	INSPECTIONS TRACKED IN INX. CMR'S INCLUDED AND ENV INSPECTIONS
	WEEKLY HSE INSPECTION 27/6/21 - NO JULY ONES IN EVIDENCE IN HARD COPY FOLDER - WITH CORRECTIVE ACTION REGISTER INCLUDED	OFI	NEED TO SEE JULY ONES
	MPK CORRECTIVE ACTION REGISTER - IN INX	C	INX CAR IN EVIDENCE
	DRUG AND ALCOHOL TESTING - 10% PER MONTH	AT TIME OF AUDIT	NOT USED 10% PER MONTH USING THE PREMEDICAL ONBOARD
	DAILY PRESTART ALCOHOL TEST - RECORDS		IN EVIDENCE - COMPLETED DAILY

	PRESTART	OFI	NOT COMPLETED FOR GENERATORS - BLANK BUT AVAILABLE IN OFFICE PRA IN PLACE BUT HIGHLY GENERIC AND NO EARTHING HAZARD / ELEC SHOCK IDENTIFIED
	ANY MOC DEVELOPED AND COMPLETED - APPROVAL AND COMMUNICATION PROCESS	NA	NOT KNOWN IF HAS BEEN DONE (TONY)
	WELDING SAFETY - WHS-PRO-058 (ALSO REFERENCE FOR HOT WORKS) - CHECK IMPLEMENTATION	NC	NO HOT WORK PROCEDURE - NC - WELDING SAFETY PROCEDURE - NOT SUBMITTED FOR REVIEW / APPROVAL
	3 MONTH MOBILISATION AUDIT - WHEN DUE, OUTCOMES, ACTION CLOSEOUT		SEE ABOVE - DUE 29TH JULY
			NO MANUAL HANDLING PROCEDURE - CHECK DOC CONTROL APPROVAL
	KPI TRACKING PROCESS	C	COMPETED MONTHLY - CHECK BEING SUBMITTED AS PART OF OVERALL FIGURES FOR PROJECT
	NO CURRENT AUDITS	C	NO ACTIONS ARISING
FFW	ACTIVE MONITORING OF FATIGUE AND HEAT STRESS - HOW, HOW RECORDED, HOW REPORTED	OFI	AS PER ROLES IN HSMP, NOT ACTIVELY MONITORED - MENTIONED AT PRESTARTS ABOUT ENSURING FFW, DIRECT SUPERVISION (BASED AROUND PTW) SO ONGOING OVERSIGHT
HAZ CHEM	AGIG REGISTER - DIPHOTERINE NOT AS COMPLIANT (FRENCH) AND OUT OF DATE	OFI - UPDATE SDS	COMPLETED WHILE ONSITE 14/7/21 - CLOSED

	AGIG REGISTER	OFI - UPDATE TO ALPHABETICAL ORDER AND REFILE HARD COPIES TO MATCH	
		DISCUSSION ON INCREASED AWARENESS	DG DIAMONDS TO BE IN PLACE FOR CONTAINERS - ESP ISOCYANATE AND DG CONTAINER
	MPK REGISTER	IN EVIDENCE	STORAGE SIGNED, GAS BOTTLES WELL SEPARATED RISK ASSESSMENTS COMPLETED BUT NEED AN APPROVAL SIGN OFF TO BE COMPLETED, SEGREGATION CHARTS PIN PLACE ON SEA CONTAINERS FOR AWARENESS SDS'S REVIEWED SP8888 (4) IN DG CONTAINER
	VMX REGISTER	IN EVIDENCE	DISCUSSION ON FREE ISSUE AND RESPONSIBILITY
ELEC	MPK ELECTRICAL REGISTER	IN EVIDENCE - UPDATE DUE 16/7/21	KARRATHA CONTRACTING COMPLETED TEST AND TAG ONSITE -
	TEST AND TAGS RANDOM CHECKS	TEST AND TAG - 16/7/21 SECOND ROUND	DYSON PUMP ON WATER TANK BEHIND ABLUTIONS, ALL OTHERS IN PLACE, TEST AND TAG ON OFFICE GENERATOR (PLUG AND PLAY)
		C	CHECK EARTHING REQUIREMENT FOR GENERATORS AND OFFICES
	VMX ELECTRICAL REGISTER	C	REGISTER AVAILABLE AND IN EVIDENCE

	TEST AND TAGS RANDOM CHECKS	C	CORDS INSPECTED ALL IN ORDER
LIFTING	MPK LIFTING GEAR REGISTER	LIFTING REGISTER IN EVIDENCE	SPOT CHECKS AGAINST REGISTER TO OCCUR
	MPK TAGGING	OFI FOR GREEN TAGS ON MAROOKA	BLUE TAGS IN PLACE IN STORES EQUIPMENT, SOME ONSITE EQUIPMENT GREEN TAG STILL
	VMX LIFTING GEAR REGISTER	LIFTING REGISTER IN EVIDENCE	SPOT CHECKS AGAINST REGISTER TO OCCUR
	VMX TAGGING	NOT PHYSICALLY CHECKED AT TIME OF AUDIT	
DELINEATION OF CONSTRUCTION AREAS	FLAGGING, HARD FENCING AND BARRICADES USED FOR UNAUTHORISED AND OPERATIONAL AREA DELINEATION TAGS ON FLAGGING - LEGIBLE BUT NEED CONSISTENT CHECKS TO ENSURE. DRAWINGS IN PERMIT OFFICE OF OP V CONST SITES OPERATIONAL PTW IN USE FOR INTERFACE AND OPERATIONAL AREAS GOOD LEVEL OF UNDERSTANDING OF APPLICATION TIMES AND INCLUDES DBP PIO'S (A PALMER, C CAULFIELD)	C	DEMARICATION SIGNING IN PLACE
ERP	EMERGENCY DRILLS - 1 PER SWING (MAY AND JUNE)	C	INX REPORT CAPTURES DRILLS - TWO SCENARIOS - 21 MAY 21 - PIPELINE MUSTER DRILL - INCLUDES EVAL FORM
		C	ACTION FROM EVALUATION - AGIG TO PROVIDE DAILY LIST OF CH MONITORS ONSITE AND LOCATION
	HAD AGIG OBSERVERS AT BOTH (SHAUN, JEFF)	C	
	JUNE	C	22 JUNE 21 - SCENARIO - FUEL TRUCK LEAK

		C	ACTION TO ENSURE ADEQUATE FUEL SPILL KIT VOLUMES IN FUEL TRUCK - ACTION COMPLETED
		C	ACTION TRACKED IN INX AND COMPLETED 25 JUNE 21
	INDUCTION - AMMONIA NOT IN MPK INDUCTION (ACTION IN PLACE TO ADD FLARE AND AMMONIA TO INDUCTION)	C	
	PNI SITE INDUCTION - SITE ORIENTATION WITH NEW PERSONNEL	C	WITH CHECKLIST - M BLACKWELL - IN EVIDENCE
		C	MPK CORP INDUCTION AND MPK SITE INDUCTION
	ADDITIONAL PPE FOR FLARE / AMMONIA	C	FACE SHIELDS, GOOGLES, WELDING GLOVES, - PENDING BLANKETS IN PLACE ALREADY - REVIEW TRAINING AND USE OF THESE BLANKETS
	ISOCYANATE	C	UREPAC - SDS AVAILABLE
		C	HEALTH MONITORING AS PER OHS REGS SECT 5.3
		C	STATEMENT REGARDING RISK AND TREATMENTS PROPOSED REQUESTED - I.E.. FREQUENCY AND TYPE OF MONITORING, TIMING, RECORDS. AND TRAINING OF PERSONNEL

Blast and Coat HWC	Check capture of material	C
	tarp and plywood down to collect	C
Weekly HSE Inspections	Includes enviro mgt requirements	C
Weed Inspection	Weed inspection documentation for all Plant	C
	Plant inspections and vehicles on a register would assist in managing this	Discussion
	Fuel Truck - present - other plant to be checked	C
	Geofab hygiene station set up onsite - air compressor and washer if needed	C
Fauna Licence	FR280000204	C
	Issued to Brendan McGuikan 24/5/21 to 28/2/22	C
	Reg 28 of BC Regs	C
	Authorised Person - Parrish Jackson	C
	Snake and Fauna Handling	C
Fauna Register	Gap in register needs actioning (from Aristio's information)	C but needs updating
	Form updated to include 3 daily check requirements - new update to include KP location for ease of tracking	C
Inspection completions	3 hourly checks completed - 8 am, 12.30 and 1700 - OGI to match CEMP Times - 3.5 sunrise, 2-3 and after 4pm	C
Clearing / Ground Disturbance	Not updated since 19/5 which was KP1.879	OFI
	Needs to includes from GD permits	C
	Back to survey requirements - check with JQ for KP2.2 area - width	C
	Includes notes on reduced clearing	C
ELL communication to operators	ELL included asbestos pits at KGP - samples taken to hygienist - awaiting testing	C
	Needs update to reflect location of pits and need to disturb	C
	Discussed in meetings and printed and provided to field personnel (operators)	C
Water discharge	KP1.225 hydrotest - used for dust suppression PH check done *8.2)	C
	Location included - Laydown yard	
	5/7 and 6/7 no update since then - register needs update	
Water Use	Register in place	C
	Standpipe 3/7 to 4/7/21 - 13kL (5) Used at KP1.225 for hydrotesting	
	3kL for potable water at laydown yard - Neilsen Liquid waste	

Erosion Controls	ESC in place	C
Bushfire	Minor risk - Shaun to arrange meeting - DFES	C
	Next drill target or flare drill	
Waste register	Cleanaway documents - General waste, metal - needs dockets more regularly - on request to Cleanaway	C
	Nielsen - liquid waste	
	Tracking dockets numbers in register	
	Gaps for June (no records)	
Trench open times	needs a better process for tracking - Shaun to implement	
Weed - Clean Fill	Holcim - 10,000 tonnes to date - June certificate in place	
	AGIG to supply Weed Cert for Borrow Pit	

APPENDIX 3 – INTERVIEW LIST

MPK

Tony Henderson – HSE

Damien Lynch – Mechanical Fitter

Brendan Monaghan – Excavator operator

Sean O’Doherty – Vacuum lift operator

Clarke Brett – Leading Hand

Brent Tidoe – Leading Hand - Bending

Michael Church – Leading Hand

Barnard Puna – Leading Hand

Chris Corlyon – QA/ QC and Welding Supervisor

Parrish Jackson – TA and Fauna Handler

Will Fergus – Project Manager

Valmec

Tony Timms – HSE

APPENDIX C: PNI – WEEKLY HSE INSPECTION

Location	Nickol Bay Yard & Pipeline KP0 to KP1.9	Date	6/06/2021
Activity	Borrow pit excavation and pipeline trench excavation	Assessor	Shaun Smith
Attendee/s	Shaun Smith (AGIG) & Tony Henderson (MPK)	Manager/s	Jeff Arentz

*Mark relevant box with an x

	C	OFI	N/C	N/A	
1 Preparation	C	OFI	N/C	N/A	
1.1 DBNGP visually marked and visible (potholed)	x				
1.2 DBNGP crossing points clearly marked and no crossing at undesigned points	x				
1.3 Excavation permit process implemented	x				
1.4 Permit To Work prepared and signed on by PIO and PH	x				
1.5 Permit To Work easily available	x				
1.6 All persons on work/task are signed on and PTW conditions followed	x				
1.7 All heritage locations have been delineated as per CHMP	x				
1.8 All clearing approvals conditions are implemented (disturbance permit under PTW)	x				
1.9 Site traffic management in place and controls effective	x				
1.10 Pedestrian access adequately protected from mobile plant	x				
2 Risk Assessment	C	OFI	N/C	N/A	
2.1 Prestart meeting conducted which discusses tasks for the day	x				
2.2 Take 5 completed for tasks with no JHA	x				
2.3 Take 5 is relevant for task and controls implemented	x				
2.4 Hazard Cards are being completed and actioned	x				
2.5 Plant Risk Assessments and associated documentation (service logbooks/operators)	x				
3 Compliance	C	OFI	N/C	N/A	
3.1 Correct PPE used for task	x				
3.2 Housekeeping to a high standard	x				
3.3 Electrical leads are 3 monthly tagged quarterly	x				
3.4 Electrical equipment is in good condition	x				
3.5 Electrical extension leads are <30m long and kept off the ground				x	
3.6 Soft slings quarterly tagged. W@H equipment 6 monthly. Chain slings annually	x				
3.7 Rigging/W@H equipment in good condition/stored correctly	x				
3.8 Prestart completed on vehicles or plant	x				
3.9 Lift zones are controlled	x				
3.10 Falling objects are controlled	x				
3.11 Spotters used for plant in congested areas/EWP's or W@H	x				
3.12 Are controls in place for any manual handling activities	x				
3.13 Effective communication where SIMOPS conducted	x				
3.14 Site signage and trespassing controls in place	x				
5 Environmental Management	C	OFI	N/C	N/A	
4.1 No evidence of erosion or uncontrolled water discharge	x				
4.2 No evidence of unauthorised clearing	x				
4.3 No evidence of new weed species or uncontrolled weed growth	x				
4.4 Hazardous substances are all stored in bunded areas		x			
4.5 Hazardous substances are all labelled and lidded	x				
4.6 Compliant MSDS (5 year date) reviewed for any chemicals used and controls in place	x				
4.7 Waste segregation is occurring where possible		x			
4.8 Waste containers are lidded and labelled		x			
4.9 All liquid chemical wastes are in a bunded area or have secondary containment	x				
4.10 Fauna interactions all recorded as per fauna licence		x			
4.11 Fauna inspections carried out 3 x times daily for all open excavations / trenches				x	
4.12 All Heritage areas are delineated and flagged (Orange)	x				
4.13 There is no evidence of encroachment to Heritage areas	x				
4.14 Environmental Line List is implemented		x			
5 Emergency Management	C	OFI	N/C	N/A	
5.1 Are randomly checked fire extinguishers in date and in appropriate areas	x				
5.2 Are first aid kits stocked and checked quarterly	x				
5.3 All vehicles and safe refuges have access to DAP	x				
5.4 Are randomly checked spill kits stocked and at appropriate locations	x				
5.5 Are emergency evacuation maps displayed	x				
5.6 Are emergency procedures/numbers displayed and up to date	x				
5.7 Are population registers up to date	x				
5.8 Are safe refuge equipment in place ready for use	x				
6 Summary	C	OFI	N/C	N/A	
6.1	Totals	44	5	0	2

	Corrective Actions	Actionee	Due Date
1	Complete HAZID priority action items.	MPK	14/06/2021
2	Update smoking area in site plan at Nickol Bay yard.	MPK	Overdue
3	Install fire extinguishers at remaining required locations at office area. Under review.	MPK	Overdue
4	Petrol stored in Hazchem container to be removed from site.	MPK	Overdue
5	Hand sanitiser required at appropriate locations.	MPK	Overdue
6	Procure recyclable waste enclosed bin.	MPK	Overdue
7	Install sign on hazchem container.	MPK	Overdue
8	Ammonia release emergency PPE to be sourced and issued at determined locations/vehicles/equipment for the pipeline works.	MPK	Overdue
9	Clean up minor hydrocarbon stain/patch on pipeline easement at Marooka.	MPK	8/06/2021
10	Install fauna ramp in open bell hole at DBNGP crossing.	MPK	13/06/2021

Comments:
A number of remaining action items identified during site establishment to be completed/closed out.
Priority HAZID action items in progress to be completed/closed out.
Sediment control action items completed and appropriate devices in place on pipeline.
Permits and JHAs in place and thorough for activities reviewed, and personnel signed on.

APPENDIX D: FAUNA REGISTER



Pluto-North West Shelf Interconnector Fauna Register

Date	Species	No.	Condition	Conservation Status	Capture Location	Release Location	Comments	Activity
10.5.21	<i>Pogona minor</i> (Dwarf Bearded Dragon)	1	Alive	Not Listed	20.67924S 116.73868E	20.6788S 116.73869E	Released in adjacent scrub	Clear & Grade
10.5.21	<i>Ctenotus leonhardii</i> (Common Desert Ctenotus)	1	Alive	Not Listed	20.67963S 116.73862E	20.679S 116.73873E	Released in adjacent scrub	Clear & Grade
11.5.21	<i>Ctenophorus isolepis</i> (Central Military Dragon)	1	Alive	Not Listed	20.67927S 116.73979E	20.67892S 116.73959E	Released in adjacent scrub	Clear & Grade
11.5.21	<i>Pseudonaja mengdeni</i> (Gwardar)	1	Alive	Not Listed	20.67914S 116.74018E	20.67866S 116.74003E	Juvenile, Released in adjacent scrub	Clear & Grade
11.5.21	<i>Ctenotus leonhardii</i> (Common Desert Ctenotus)	1	Alive	Not Listed	20.679858S 116.74033E	20.67858S 116.74033E	Released in adjacent scrub	Clear & Grade
11.5.21	<i>Platyplectrum spenceri</i> (Spencer's Burrowing Frog)	1	Alive	Not Listed	20.67887S 116.74082E	20.6785S 116.74046E	Released in adjacent scrub/sandy ditch	Clear & Grade
11.5.21	<i>Pseudonaja mengdeni</i> (Gwardar)	1	Alive	Not Listed	20.67944S 116.74028E	20.67889S 116.73958E	Juvenile, Released in adjacent scrub	Clear & Grade
11.5.21	<i>Ctenotus leonhardii</i> (Common Desert Ctenotus)	1	Alive	Not Listed	20.67956S 116.73969E	20.67891S 116.73943E	Released in adjacent scrub	Clear & Grade
13.5.21	<i>Ctenotus leonhardii</i> (Common Desert Ctenotus)	1	Alive	Not Listed	20.60956S 116.77667E	20.60955S 116.77685E	Released in adjacent scrub	Clear & Grade
13.5.21	<i>Heteronotia binoei</i> (Bynoe's Gecko)	1	Alive	Not Listed	20.60941S 116.77671E	20.60942S 116.77686E	Released adjacent rock pile	Clear & Grade
13.5.21	<i>Ctenophorus nuchalis</i> (Central Netted Dragon)	1	Alive	Not Listed	20.60904S 116.77679E	20.60895S 116.77695E	Released in adjacent scrub	Clear & Grade
14.5.21	<i>Ctenotus leonhardii</i> (Common Desert Ctenotus)	1	Alive	Not Listed	20.60821S 116.77688E	20.60822S 116.77693E	Released in adjacent scrub	Clear & Grade
14.5.21	<i>Gehyra variegata</i> (Variegated Gecko)	1	Alive	Not Listed	20.60764S 116.77677E	20.60769S 116.77695E	Released in adjacent scrub	Clear & Grade
14.5.21	<i>Gehyra variegata</i> (Variegated Gecko)	1	Deceased	Not Listed	20.60764S 116.77677E	N/A	Buried in windrow	Clear & Grade
14.5.21	<i>Ctenotus leonhardii</i> (Common Desert Ctenotus)	1	Alive	Not Listed	20.60722S 116.77687E	20.60718E 116.77713E	Released in adjacent scrub	Clear & Grade
15.5.21	<i>Ctenotus serventyi</i> (Nth-western Sandy-loam Ctenotus)	1	Alive	Not Listed	20.60667S 116.77698E	20.60668S 116.77707E	Released in adjacent scrub	Clear & Grade
15.5.21	<i>Ctenophorus nuchalis</i> (Central Netted Dragon)	1	Alive	Not Listed	20.6066S 116.77695E	20.60657E 116.77714E	Released in adjacent scrub	Clear & Grade
16.5.21	<i>Ctenotus grandis</i> (Giant Desert Ctenotus)	1	Alive	Not Listed	20.60571S 116.77699E	20.60574S 116.77723E	Released in adjacent scrub	Clear & Grade
16.5.21	<i>Heteronotia binoei</i> (Bynoe's Gecko)	1	Alive	Not Listed	20.60607S 116.77688E	20.60592S 116.7768E	Released in adjacent rock pile	Clear & Grade
17.5.21	<i>Ctenotus leonhardii</i> (Common Desert Ctenotus)	1	Alive	Not Listed	20.60467S 116.77705E	20.60476.S 116.77731E	Released in adjacent scrub	Clear & Grade
18.5.21	<i>Ctenotus leonhardii</i> (Common Desert Ctenotus)	1	Alive	Not Listed	20.60433S 116.77705E	20.60434S 116.7769E	Released in adjacent scrub	Clear & Grade
5.6.21	<i>Pogona minor</i> (Dwarf Bearded Dragon)	1	Alive	Not Listed	20.680014 116.7395E	20.68030S 116.73401E	Released in rock pile	Clear & Grade
5.6.21	<i>Delma Nasuta</i> (Sharp Snouted Delma)	1	Alive	Not Listed	20.680067 116.740479E	20.68030S 116.73401E	Released in rock pile	Clear & Grade
10.6.21	<i>Ctenotus Saxatilis</i> (Rock Ctenotus)	3	Alive	Not Listed	20.681180 116.73948E	20.686080 116.73521	Released in Shrubs	Clear & Grade
15.6.21	<i>Ctenophorus isolepis</i> (Central Military Dragon)	1	Alive	Not Listed	20.60708S 116.77685E	20.60720S 116.77671	Released in rock pile	Pre-Trenching
4.7.21	<i>Varanus gouldii</i> (Sand Monitor)	1	Alive	Not Listed	20.599417 116.779198E	20.599520 116.780670E	Released in rock pile	Clear & Grade
4.7.21	<i>Ctenotus Saxatilis</i> (Rock Ctenotus)	7	Alive	Not Listed	20.599714 116.778999E	20.600603 116.778374E	Released in rock pile	Clear & Grade
5.7.21	<i>Ctenophorus caudicinctus</i> (Ringtailed Dragon)	3	Alive	Not Listed	20.602074 116.778053E	20.602053 116.777657E	Released in rock pile	Clear & Grade
5.7.21	<i>Ctenotus Saxatilis</i> (Rock Ctenotus)	9	Alive	Not Listed	20.599285 116.778961E	20.600603 116.778374E	Released in rock pile	Clear & Grade
5.7.21	<i>Cyclodomorphus melanops</i> (Spinifex slender blue tongue skink)	1	Deceased	Not Listed	20.602156 116.778290E		Discarded	Hit by digger bucket
5.7.21	<i>Cyclodomorphus melanops</i> (Spinifex slender blue tongue skink)	2	Alive	Not Listed	20.601210 116.778442E	20.601032 116.778046E	Released in spinifex	Clear & Grade
6.7.21	<i>Ctenotus Saxatilis</i> (Rock Ctenotus)	3	Alive	Not Listed	20.602074 116.778053E	20.602053 116.777657E	Released in rock pile	Clear & Grade
12.7.21	<i>Ctenophorus caudicinctus</i> (Ringtailed Dragon)	4	Alive	Not Listed	20.60229S 116.778061E	20.602184 116.777626E	Released in Suitable Habitat	Pre-Trenching
12.7.21	<i>Delma pax</i> (Peace delma)	1	Alive	Not Listed	20.60233S 116.778069E	20.602184 116.777626E	Released in Suitable Habitat	
13.7.21	<i>Ctenophorus caudicinctus</i> (Ringtailed Dragon)	2	Alive	Not Listed	20.60229S 116.778061E	20.602184 116.777626E	Released in Suitable Habitat	Pre-Trenching
24.08.21	<i>Varanus gouldii</i> (Sand Monitor)	1	Alive	Not Listed	20.614983 116.772887E	20.613065 116.775241E	Released in rock pile	Trench Checks
13.09.21	<i>Varanus acanthurus</i> (Ridge tailed monitor)	1	Alive	Not Listed	20.615161 116.772830E	-20.616012 116.771931E	Released in rock pile	Trench Checks

02.10.21	<i>Pseudechis australis</i> (Mulga snake)	1	Deceased	Not Listed	20.618656 116.770744E		LC/hit with excavator while digging trench	Trench Checks
06.10.21	<i>Heteronotia binoei</i> (Bynoe's gecko)	7	Alive	Not Listed	20.609537 116.776413E	20.609418 116.776452E	LC/ Released in rock pile	Trench Checks
06.10.21	<i>Ctenophorus caudicinctus</i> (Ring tailed dragon)	4	Alive	Not Listed	20.609344 116.776520E	20.609654 116.776555E	LC/ Released in rock pile	Trench Checks
10.10.21	<i>Varanus acanthurus</i> (Ridge tailed monitor)	1	Deceased	Not Listed	20.680509 116.735291E	20.680509 116.735291E	LC/ run over on acces road into laydown	Trench Checks
20.10.21	<i>Zyzomys argurus</i> (common rock rat)	1	Alive	Not Listed	20.604494 116.777115E	20.604829 116.777181E	LC/ released in suitable habitat	Rehabilitation
20.10.21	<i>Zyzomys argurus</i> (common rock rat)	1	Deceased	Not Listed	20.604494 116.777115E		Died in rehab work	Rehabilitation
22.10.21	<i>Cyclodomorphus melanops</i> (Spinifex blue tongue skink)	3	Alive	Not Listed	20.607864 116.776784E	20.607210 116.77651E	Caught in rehab LC/ released in suitable habitat	Rehabilitation
22.10.21	<i>Ctenophorus caudicinctus</i> (ring tailed dragon)	2	Alive	Not Listed	20.607566 116.776705E	20.607236 116.772701E	Caught in rehab LC/ released in suitable habitat	Rehabilitation
24.10.21	<i>Cyclodomorphus melanops</i> (Spinifex blue tongue skink)	2	Alive	Not Listed	20.599531 116.779642E	20.599599 116.779085E	Caught in rehab LC/ released in suitable habitat	Rehabilitation
24.10.21	<i>Pseudonaja mengdeni</i> (Western brown snake)	1	Deceased	Not Listed	20.599863 116.779175E		LC/ back half squashed in rocks had to euthanise	Rehabilitation
25.10.21	<i>Ctenophorus caudicinctus</i> (Western ring tailed dragon)	4	Alive	Not Listed	20.600130 116.779032E	20.599599 116.779085E	Caught in rehab LC/ released in suitable habitat	Rehabilitation
27.10.21	<i>Anilius grypus</i> (Long beaked blind snake)	1	Alive	Not Listed	20.669462 116.730562E	20.669754 116.731965E	Caught whilst De Mob water tanks. LC/ Released in suitable habitat	Demobilisation
28.10.21	<i>Pseudechis australis</i> (Mulga snake)	1	Deceased	Not Listed	20.616140 116.772034E		LC/ crushed in rock whilst rehabbing	Rehabilitation
31.10.21	<i>Suta punctata</i> (Little spotted snake)	1	Deceased	Not Listed	20.614140 116.773445E		Crushed in rehab. L/C	Rehabilitation
31.10.21	<i>Heteronotia binoei</i> (Bynoes gecko)	2	Alive	Not Listed	20.614140 116.773445E	Not recorded	Released in suitable habitat. L/C	Rehabilitation

APPENDIX E: DAILY REPORT EXAMPLE

Pluto NWS Interconnect Construction Daily Report

Report To:	Tawake Rakai	Title:	GM TAM & HSE
Cc:	[REDACTED]		
Project:	Pluto NWS Interconnect	Contractors:	Valmec (VMX), Karratha Building Company (KBC) MPC Kinetic (MPK)
Location:	Facilities Stations and Nickol Bay	Prepared by:	[REDACTED]
Weather:	Sunday - 24° C – 43 % RH	Date:	Sunday 01/08/2021
Hours:	12 hrs per day	Shift:	Day

Safety Statistics:

Safety Statistics - Lagging Indicators	Daily Total	To Date
Environmental Incident	0	2
Asset/Equipment Incident	0	6
Community Incident	0	0
Safety Incident	0	0
Security Incident	0	0
Supply Incident	0	0
Fatal Risk Incident	0	0
Other Incident	0	2
First Aid Injuries	0	0
Medical Treatment Injuries	0	1
Restricted Work Injuries	0	0
Lost Time Injuries	0	0

Safety Statistics - Leading Indicators	Daily Total	To Date
Take 5s	30	9050
Hazard Reports	1	237
Toolbox Meetings	1	37
HSE Weekly Checklist Inspections	1	34
Leadership Interactions on Site	0	13
HSE Awards	1	37
Emergency Response Exercises	0	10

Weather Warnings

- Cyclone Risk: Nil

Fire Danger Rating

- Low to Moderate

HSE:

- Weekly HSE Inspection of VMX work activities
- Weekly VMX Toolbox Talk – HSE Alerts & HSE inspection feedback
- Review of PTW & VMX SMP & Electrical JHAs at Metering & Inlet Stations
- Issued Emergency Exercise Evaluation record to MPK for muster exercise at KPO
- Updated Corrective Action Register including Hazards identified
- HSE monitoring of work activities

Pluto NWS Interconnect Construction Daily Report

Incidents/Hazards:

- 1 x hazards recorded – a screw protruding from the wall of building in office area

MPK Daily Prestart Discussions:

- R & R

VMX Daily Prestart Discussions:

- Weather update
- Safety Sunday
- Parking at Inlet Station
- Discussion on hazards recorded
- Phil's Super Safety Sunday Toolbox – HSE Alerts from incident events (WEL KGP humpy crush injury & Monodelphous humpy pipe support fall); positive feedback from AGIG/VMX HSE inspection

MPK Delays/Concerns:

- Nil

VMX Delays/Concerns:

- Nil

Third Party Stakeholder Engagement / Management:

- 2 x Rangers from Murujuga Aboriginal Corporation (MAC) engaged by MPK to undertake daily fauna trench check inspections (3 x per day) of open trench areas during the MPK rostered break from 29 July – 6 August.

AGIG Personnel on Site:					
Name	Title/Role	Hrs.	Name	Title/Role	Hrs.
[REDACTED]	Project Construction Manager	-	[REDACTED]	Pipeline Construction Manager	-
[REDACTED]	Facilities Construction Manager	12	[REDACTED]	AGIG QA QC/ PIO	12
[REDACTED]	Senior HSEH Advisor	12	[REDACTED]	AGIG PIO	12
[REDACTED]	HSEH Advisor	-	[REDACTED]	AGIG PIO	-
[REDACTED]	HSE Admin	-			
Valmec Personnel on Site:					
[REDACTED]	Project Manager	11	[REDACTED]	Construction Manager	11
[REDACTED]	Project Engineer	-	[REDACTED]	SMP Fitter	11
[REDACTED]	HSE Advisor	11	[REDACTED]	SMP Fitter	11
[REDACTED]	Operator	11	[REDACTED]	SMP Fitter	11
[REDACTED]	Rigger	11	[REDACTED]	SMP	11
[REDACTED]	VMX QA	-	[REDACTED]	QA	11
[REDACTED]	VMX/BPESC E&I Supervisor	11	[REDACTED]	Welder	11
[REDACTED]	VMX/BPESC E&I	11	[REDACTED]	VMX/BPESC E&I	11
[REDACTED]	TA/ Fire Watch	11	[REDACTED]	Pipe Fitter	11
[REDACTED]	Pipe Fitter/ Boilermaker	11	[REDACTED]	Welder	11
[REDACTED]	Pipe Fitter/ Boilermaker	11	[REDACTED]	TA / Fire Watch	11
[REDACTED]	Pipe Fitter/ Boilermaker	11	[REDACTED]	TA / Fire Watch	11
KBC Personnel on Site:					
[REDACTED]	KBC Supervisor	-	[REDACTED]	KBC	-
[REDACTED]	KBC	-	[REDACTED]	KBC	-
[REDACTED]	KBC	-			

	<p>E&I:</p> <ul style="list-style-type: none"> Commenced cable ladder installation and running cables – northern fence line
<p>Meter Station Construction:</p>	<p>Civil and Earthworks:</p> <ul style="list-style-type: none"> Nil <p>SMP:</p> <ul style="list-style-type: none"> Continued drilling anchors and scabbling for pipe supports. Completed drilling and scabbling for control room building anchors Continue marking out platform locations and anchor holes Surveying riser pipes to check length in preparation for cutting <p>E&I:</p> <ul style="list-style-type: none"> Nil
<p>Receiver Station Construction:</p>	<p>Civil and Earthworks:</p> <ul style="list-style-type: none"> Ongoing wetting down on Anchor Block concrete <p>SMP:</p> <ul style="list-style-type: none"> Nil <p>E&I:</p> <ul style="list-style-type: none"> Nil
<p>Pipeline Construction:</p>	<p>Currently on R&R</p> <p>Survey Set Out:</p> <ul style="list-style-type: none"> 100% Complete 3.060 KMS <p>Clear and Grade:</p> <ul style="list-style-type: none"> 100% Complete 2450 KMS <p>Profiling:</p> <ul style="list-style-type: none"> 72.7% Complete 1.781 KMS <p>Pre-Ditch & Back fill:</p> <ul style="list-style-type: none"> 94.67% Complete 2.897 KMS <p>Pipe Stringing:</p> <ul style="list-style-type: none"> 82.81% complete 2.534 KMS <p>Cold Field Bending:</p> <ul style="list-style-type: none"> 100% complete 3.060 KMS <p>Welding:</p> <ul style="list-style-type: none"> Completed to Date = 139 42% complete 2.039 KMS Bead & Hot pass today = 0 Fill & Cap = 0 Welds completed today = 0 Repairs = 0 Repairs completed to date = 2 Current welding repair rate = 1.44% <p>NDE Testing:</p> <ul style="list-style-type: none"> Completed to Date = 130 Completed today = 0 38% complete 1.948 KMS Repairs confirmed today = 0

Pluto NWS Interconnect Construction Daily Report

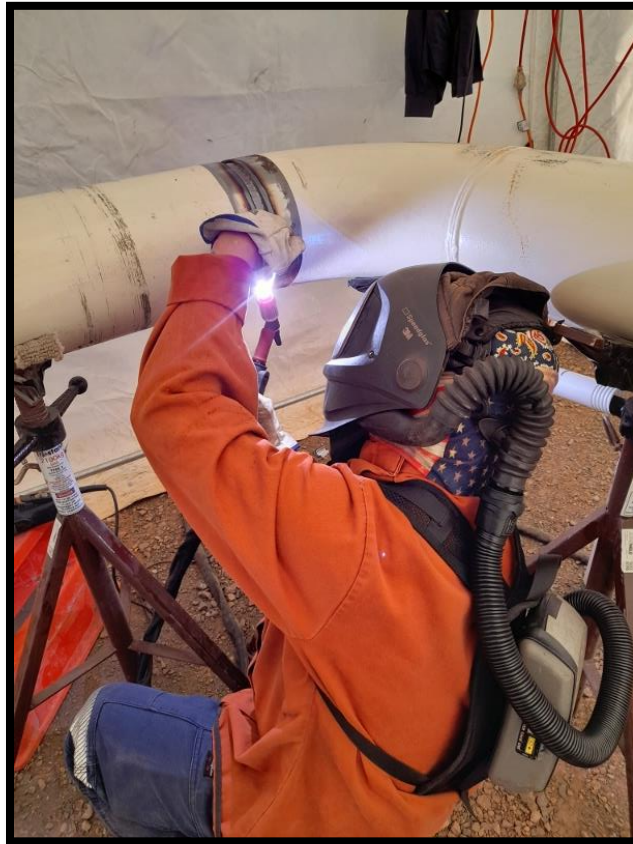
	<ul style="list-style-type: none"> Total confirmed repairs = 2 <p>Weld Margin Coating:</p> <ul style="list-style-type: none"> Completed to Date = 88 Completed today = 0 27 % complete 1.246 KMS <p>Trenching:</p> <ul style="list-style-type: none"> 16% Complete 0.480 Metres <p>Lower In:</p> <ul style="list-style-type: none"> 8.84% Complete 0.274 Metres <p>Final Backfill:</p> <ul style="list-style-type: none"> 1.63% Complete 0.050 Metres <p>Hydro Testing:</p> <ul style="list-style-type: none"> Nil <p>Hydro Dam Construction:</p> <ul style="list-style-type: none"> Nil <p>Other Works:</p> <ul style="list-style-type: none"> Excavation of the Anchor Block – Inlet Station Soil/Sand Materials transportation from Nickol Bay to CROW 			
Nickol Bay Pipe Yard:	<ul style="list-style-type: none"> Transfer for spooling to Inlet and Meter Station 			
Commissioning:	<ul style="list-style-type: none"> Nil 			
General:	<ul style="list-style-type: none"> Nil 			
Technical Queries:				
TQ No:	Company:	Description:	Date Issued:	Status:
Nil				
Material/Equipment Movements to/from Site				
Description:		Quantity:	Description:	Quantity:
Nil				
Planned Activities for Tomorrow				
Inlet Station Construction:	<p>Civil and Earthworks:</p> <ul style="list-style-type: none"> Nil <p>SMP:</p> <ul style="list-style-type: none"> Complete welding of FWW 12 Continue welding of 8" kicker line FWW's Preparing 2" pressurisation line pipe ends for fit-up <p>E&I</p> <ul style="list-style-type: none"> Continue cable ladder installation and running cables 			
Meter Station Construction:	<p>Civil and Earthworks:</p> <ul style="list-style-type: none"> Nil <p>SMP:</p> <ul style="list-style-type: none"> Continue to core drill and scabble for pipe supports and platforms Land Control Hut in final position <p>E&I:</p> <ul style="list-style-type: none"> Nil 			

Receiver Station Construction:	<p>Civil and Earthworks:</p> <ul style="list-style-type: none"> • Soaking of the Anchor Block hessian protection <p>SMP:</p> <ul style="list-style-type: none"> • Nil <p>E&I:</p> <ul style="list-style-type: none"> • Nil
Pipeline Works:	<p>Currently on R&R</p> <p>Survey Set Out</p> <ul style="list-style-type: none"> • 100% Complete <p>Clear and Grade</p> <ul style="list-style-type: none"> • 100% Complete <p>Profiling</p> <ul style="list-style-type: none"> • Buffer Lease - Nil <p>Pre-Ditch & Back fill</p> <ul style="list-style-type: none"> • Buffer Lease - Nil <p>Pipe Stringing</p> <ul style="list-style-type: none"> • Nil • Buffer Lease - Nil <p>Cold field bending</p> <ul style="list-style-type: none"> • 100 % Complete <p>Welding</p> <ul style="list-style-type: none"> • Ongoing <p>Buffer Lease - Nil</p> <p>NDE Testing</p> <ul style="list-style-type: none"> • Nil <p>Trenching</p> <ul style="list-style-type: none"> • Nil <p>Lowering In</p> <ul style="list-style-type: none"> • Nil <p>Final Backfill</p> <ul style="list-style-type: none"> • Nil <p>Hydro Testing</p> <ul style="list-style-type: none"> • Nil <p>Hydro Dam Construction</p> <ul style="list-style-type: none"> • Nil <p>Other Works</p> <ul style="list-style-type: none"> • Nil
General:	<ul style="list-style-type: none"> • MPK – Nil • VMX – Receive delivery of spooling from Perth • KBC – Nil
Next week / Planned Activities	
Valmec:	<ul style="list-style-type: none"> • Main focus will be on the Inlet Station piping and valve installation, welding and preparing for hydro test • Commence installation of pipe supports and piping on the Meter Station
MPK:	<p>Daily (3 x per day) fauna open trench check inspections R&R 29/07/2021 til 7/08/2021</p> <ul style="list-style-type: none"> • Pre- Ditch and backfill - Nil • Profiling - Nil • Stringing- Nil • Welding - Nil • NDE Testing - Nil • Weld Margin Coating - Nil

Pluto NWS Interconnect Construction Daily Report

	<ul style="list-style-type: none"> Trenching - Nil Lowering in - Nil Final Backfill - Nil Inlet Anchor Block - Nil 	
KBC:	<ul style="list-style-type: none"> Prepare for Inlet Station Anchor block scope - blinding 	
Other:	<ul style="list-style-type: none"> Nil 	
Mobile Plant and Equipment at Site		
Description	Contractor/Owner	Asset Number
Toyota Prado	AGIG	1 ECL 442 (004)
Toyota Prado (TGS)	AGIG	1 DRG 411
Toyota Hilux	AGIG	1 EWF 603
Toyota Hilux	AGIG	1 CYT 014
Toyota Hilux	AGIG	1CYX 643
Toyota Land cruiser	AGIG	1GZK 175
4000ltr water tank	AGIG/Onsite	
6000ltr holding tank	AGIG/Onsite	
Ablution's block	AGIG/Onsite	
12 x 3 office x 2	AGIG/Onsite	
12 x 3 crib room x 1	AGIG/Onsite	
VMX Plant and Equipment	Refer VMX Daily Report	
MPK Plant and Equipment	Refer MPK Daily Report	

Site Photos:



Inlet Station – Welding of 8" Kicker line FWW



Inlet Station – Tray & cable installation



Meter Station – Core drilling and scabbling

APPENDIX F: CLEARING REGISTER

PNI Vegetation Clearing Register

Project Name/Code	Construction Permit HRA Certificate – Ground Disturbance Permit No.	RECORD OF LOCATION		DATE OF CLEARING	TOTAL AREA CLEARED_ha			NOTES	
Actuals									
		Start, KP	Finish, KP		Length, m	Width, m	Total, ha		
PNI - 899	No. 1 (KP 0.000 - KP 1.186)	0.000	0.243	8/05/21	243.000	25.500	0.61365	Note 1, 2 & 3	
PNI - 899	No. 1 (KP 0.000 - KP 1.186)	0.243	0.570	9/05/21	327.000	25.500	0.82785	Note 1, 2 & 4	
PNI - 899	No. 1 (KP 0.000 - KP 1.186)	0.570	0.884	10/05/21	314.000	25.500	0.8007	Note 1 & 2	
PNI - 899	No. 1 (KP 0.000 - KP 1.186)	0.884	1.003	11/05/21	119.000	25.500	0.27965	Note 1, 2, 5 & 6	
PNI - 899	No. 1 (KP 0.000 - KP 1.186)	1.003	1.186	12/05/21	183.000	25.500	0.43005	Note 1, 2 & 7	
KP1.186-KP1.220 - ROAD - NO CLEARING REQUIRED									
PNI - 899	No. 2 (KP 1.220 - KP 1.915)	1.220	1.390	13/05/21	170.000	25.500	0.4335	Note 1 & 2	
PNI - 899	No. 2 (KP 1.220 - KP 1.915)	1.390	1.510	14/05/21	120.000	25.500	0.306	Note 1 & 2	
PNI - 899	No. 2 (KP 1.220 - KP 1.915)	1.510	1.700	15/05/21	190.000	25.500	0.4545	Note 1, 2 & 8	
PNI - 899	No. 2 (KP 1.220 - KP 1.915)	1.700	1.741	16/05/21	41.000	25.500	0.10455	Note 1 & 2	
PNI - 899	No. 2 (KP 1.220 - KP 1.915)	1.779	1.800	17/05/21	21.000	19.000	0.0399	Note 9	
PNI - 899	No. 2 (KP 1.220 - KP 1.915)	1.800	1.825	18/05/21	25.000	19.000	0.0475	Note 10	
PNI - 899	No. 2 (KP 1.220 - KP 1.915)	1.825	1.879	19/05/21	54.000	19.000	0.1026	Note 11	
KP1.879 to KP2.000 - ROAD - NO CLEARING REQUIRED									
PNI - 899	KP 2.000 - KP 2.458	2	2.458	15/07/21	458.000	24.700	1.1313	Note 12	
PNI - 900	KP2.458 - KP3.06	2.458	3.06	20/07/21	602.000	18.000	1.0836	Buffer Zone	
PNI - 901	KP3.06 - KP3.3	3.06	3.3	28/07/21	240.000	18.000	0.432	KGP lease area	
TOTAL CLEARING LIMIT							7.08735		
inc. 4m track (excluded in Note 1)							7.78375	(1.741 x 4)	0.6964
Notes									
1. Design RoW easement is 30 m however there is 4.0 m of existing access track (left hand side) which was not disturbed and being excluded from clearing									
2. A further 0.5 m wide along the RoW easement on the working side (left hand side) was deducted as it was undisturbed and excluded from clearing. It serves as a buffer to the edge of the easement									
3. Undisturbed CH Significance (Woodside Pluto Area B46), 60 m2									
4. Undisturbed CH Significance (WPIC-001), 60 m2									
5. Portion of Surveyor's Valley excluded from clearing, 165 m2									
6. Approximate 2 m from the edge of the RoW easement (left hand side) from KP 0.884 to KP 1.003 was excluded from clearing, 238 m2									
7. Approximate 2 m from the edge of the RoW easement (left hand side) from KP 1.003 to KP 1.186 was excluded from clearing, 366 m2									
8. DBNGP MLV 5 compound, 300 m2									
9. 3 m width of existing bitumen access road excluded and 7 m width of easement to the right hand side is also excluded from clearing, 210 m2									
10. 3 m width of existing bitumen access road excluded and 7 m width of easement to the right hand side is also excluded from clearing, 250 m2									
11. 3 m width of existing bitumen access road excluded and 7 m width of easement to the right hand side is also excluded from clearing, 540 m2									
12. Undisturbed CH Significance (Buffer Lease), 3,343 m2									
Pipeline total	7.78375								
Access roads and ancilliarys clearing areas on pipeline and facilities	0.4528								
FINAL total	8.23655								