

HUNTER GAS PIPELINE – COMPLIANCE MONITORING AND REPORTING PROGRAM

December 2023

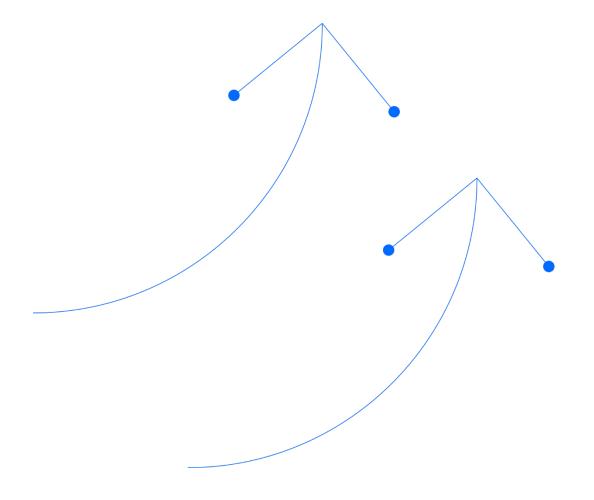




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Table 1.1 – Compliance Reporting Schedule		



1. Introduction

This Compliance Monitoring and Reporting Program has been prepared to fulfill the requirements of the Department of Planning and Environment *Compliance Reporting, Post Approval Requirements 2018* and demonstrates compliance with Condition 4.2 of the Hunter Gas Pipeline Project Approval MP06_0286:

The Proponent shall provide regular compliance reporting on the project as required by the Department and in accordance with the relevant Compliance Reporting (DPE 2018) requirements.

2. Compliance Monitoring and Reporting Schedule

Table 1.1 sets out the schedule for the submission of compliance reports to the Department. The relevant compliance reports listed in Table 1.1 have been triggered based on the guidance provided in the *Compliance Reporting, Post Approval Requirements 2018* and the requirements of Condition 4.1 of the Hunter Gas Pipeline Project Approval MP06 0286 which states:

The proponent shall notify the Department in writing of the date of commencement of

- a) Any stage of construction of the project;
- b) The commissioning of the pipeline; and
- c) The operation of the pipeline.

The requirement to notify the commencement of project construction, commissioning and operation, means compliance reports (as specified in the *Compliance Reporting, Post Approval Requirements 2018*) must be prepared for the pre-construction, construction, pre-operational, operational and post-decommissioning development stages.

Hunter Gas Pipeline is approved to be constructed in stages. At this time Santos is only proceeding with Stage 1 activities being project early works, with subsequent stages subject to further secondary approvals.

Commencement dates for Stages 2 and 3 are not currently known. Accordingly, for these Stages, only the frequency of reporting has been captured in Table 1.1, not dates of reporting.

Please note, Stage 1 will wholly become a component of Stage 2 when Stage 2 commences. Therefore, compliance reports for Stage 1 only apply to the pre-construction and construction development phases.

Table 1.1 – Compliance Reporting Schedule

Project Stage	Compliance Report	Compliance Report Due Date
Stage 1 Pre-construction	Pre-construction Compliance Report	13 December 2023
Stage 1 Construction	Construction Compliance	13 June 2024
	Report	12 December 2024
		12 June 2025
		12 December 2025
		Further reporting beyond 12 December 2025 is unknown due to uncertainty of Stage 2 commencement dates. Should further reporting



Project Stage	Compliance Report	Compliance Report Due Date
		be required, it will be provided at a frequency of no greater than every 26 weeks.
Stage 2 Pre-construction	Pre-construction Compliance Report	2 weeks before commencement of Stage 2 construction
Stage 2 Construction	Construction Compliance Report	Every 26 weeks after commencement of Stage 2 construction
Stage 2 Pre-operation	Pre-Operational Compliance Report	2 weeks before commencement of Stage 2 operation.
Stage 2 Operation	Operation Compliance Report	Every 52 weeks from the date of commencement of Stage 2 operation
Stage 2 Decommissioning	Post-Decommissioning Compliance Report	Within 12 weeks of completion of decommissioning of Stage 2 infrastructure.
Stage 3 Pre-construction	Pre-construction Compliance Report	2 weeks before commencement of Stage 3 construction
Stage 3 Construction	Construction Compliance Report	Every 26 weeks after commencement of Stage 3 construction
Stage 3 Pre-operation	Pre-Operational Compliance Report	2 weeks before commencement of Stage 3 operation.
Stage 3 Operation	Operation Compliance Report	Every 52 weeks from the date of commencement of Stage 3 operation
Stage 3 Decommissioning	Post-Decommissioning Compliance Report	Within 12 weeks of completion of decommissioning of Stage 3 infrastructure.



3. Hunter Gas Pipeline (MP06_0276) - Compliance Table

Table 2.1 – Compliance Table

Identification Number	Compliance Requirement	Development Stage and Phase	Monitoring Methodology	Evidence / comments
1.1 a)	The Proponent shall carry out the project: a) generally in accordance with the EA; and	At all times	 Regular assurance inspections Check implementation of the approved management plans 	 Assurance inspection reports Approved management plans
1.1 b)	The Proponent shall carry out the project: b) in accordance with the conditions of approval.	At all times	 Regular assurance inspections Check implementation of the approved management plans 	 Assurance inspection reports Compliance reports Approved management plans
1.2	In the event of any inconsistency between the above documents, the most recent document shall prevail to the extent of the inconsistency. However, the conditions of approval shall prevail to the extent of any inconsistency	At all times	Noted	• N/A
1.3 a)	The Proponent shall comply with any reasonable requirement(s) of the Secretary arising from the Department's assessment of: a) any documents that are submitted in accordance with this approval; and	At all times	Check compliance with any reasonable requirements from the Department from their assessment of submitted documents	Response to any reasonable requirements from the Department
1.3 b)	The Proponent shall comply with any reasonable requirement(s) of the Secretary arising from the Department's assessment of: b) the implementation of any actions or measures contained in these documents.	At all times	Check compliance with any reasonable requirements from the Department from their assessment of actions or measures contained in submitted documents	Response to any reasonable requirements from the Department
1.4	This approval will lapse if the Proponent does not physically commence the project by 15 October 2024.	Stage 1 Construction	Check project physical commencement is in accordance with the timing in the condition of approval.	Written notification of date of commencement of construction.
1.5	The Proponent shall ensure that all licences, permits and approvals are obtained and maintained as required throughout the life of the project. No condition of this approval removes the obligation for the Proponent to obtain, renew or comply with such licences, permits or approvals.	At all times	Check all licences, permits and approvals are obtained and maintained.	Approvals registerCopies of licences
1.6 a)	The Proponent shall ensure that: a) all new buildings and structures, any alterations or additions to existing buildings and structures, are constructed in accordance with the relevant requirements of the BCA; and	Stage 1 Construction Stage 2 Construction Stage 3 Construction	Check all new buildings and structures, any alterations or additions to existing buildings and structures are constructed in accordance with the relevant requirements of the BCA.	Design reportsEngineering plansAssurance inspection reports
1.6 b)	The Proponent shall ensure that: b) the pipeline is constructed in accordance with Australian Standard AS 2885.	Stage 2 Construction Stage 3 Construction	Check pipeline construction is in accordance with AS 2885	 Assurance inspection reports Design reports Engineering plans
1.7	The Proponent shall ensure that all demolition work associated with the project is carried out in accordance with Australian Standard AS 2601 – 2001: The Demolition of Structures, or its latest version.	Stage 1 Construction Stage 2 Construction Stage 3 Construction	Check demolition work is undertaken in accordance with AS 2601 – 2001.	Inspection reportsDesign reports



Identification Number	Compliance Requirement	Development Stage and	Monitoring Methodology	Evidence / comments
1.8 a)	The Proponent shall ensure that all plant and equipment used on the site, or to monitor the performance of the project, is: a) maintained in a proper and efficient condition; and	Phase At all times	 Check that plant and equipment is maintained in a proper and efficient condition Monitor implementation of maintenance schedules Conduct regular inspections 	 Site Inspection records Maintenance records Toolbox talk records
1.8 b)	The Proponent shall ensure that all plant and equipment used on the site, or to monitor the performance of the project, is: b) operated in a proper and efficient manner.	At all times	Check that plant and equipment is operated in a proper and efficient condition Monitor implementation of maintenance schedules Conduct regular inspections	 Site Inspection records Maintenance records Toolbox talk records
2.1.1	The Proponent shall submit, as part of the Construction Environmental Management Plan required under condition 6.2, route alignment sheets for the project identifying the final 30-metres Construction Right of Way. The route alignment sheets shall, except as provided below, demonstrate the avoidance of Endangered Ecological Communities.	Stage 2 Pre-construction Stage 3 Pre-construction	Confirm route alignment sheets identify 30m Construction Right of Way and show avoidance of endangered ecological communities	Route alignment sheets
2.1.2 a)	The route may only be aligned within an Endangered Ecological Community if the Proponent has: a) demonstrated to the satisfaction of the Secretary, in consultation with the BCD, that there will only be minimal impacts; and	Stage 2 Pre-construction Stage 3 Pre-construction	Track consultation with BCD	Consultation records
2.1.2 b)	The route may only be aligned within an Endangered Ecological Community if the Proponent has: b) provision has been made for biodiversity offsets, consistent with condition 3.18 of this Approval.	Stage 2 Pre-construction Stage 3 Pre-construction	Check impacts to Endangered Ecological Communities have been addressed in Biodiversity Offsets Needs Study	 Secretary's Approval of Biodiversity Offset Needs Study Register of impacts to Endangered Ecological Communities
2.2	The Proponent shall consult with all landowners potentially affected by the final 30-metres Construction Right of Way during the preparation of the route alignment sheets.	Stage 2 Pre-construction Stage 3 Pre-construction	Track consultation with landholders affected by Construction Right of Way	Consultation recordsProperty leases / agreements
2.3	During the process of finalising the route alignment, the Proponent shall ensure consultation with relevant companies and titleholders of mineral and petroleum resource licences in relation to the potential for conflict between the route of the project and current and future resource exploration and extraction activities. The consultation shall aim to resolve any identified potential conflict where practicable.	Stage 2 Pre-construction Stage 3 Pre-construction	Track consultation with companies and titleholders of mineral and petroleum resource licences	Consultation recordsMappingCommercial agreements
2.4 a)	The route alignment of the project shall be within the corridor identified in the documents referred to in condition 1.1. Any deviations in route alignment outside this corridor shall only occur for the purpose of: a) reducing impacts to biodiversity, cultural heritage or human amenity	Stage 2 Pre-construction Stage 3 Pre-construction	 Track where route alignment deviates from approved corridor Check deviation has reduced impacts to biodiversity, cultural heritage or human amenity 	MappingSurvey recordsImpact assessment
2.4 b)	The route alignment of the project shall be within the corridor identified in the documents referred to in condition 1.1. Any deviations in route alignment outside this corridor shall only occur for the purpose of: b) avoiding geological or topographical constraints, providing the deviations do not increase impacts to those areas referred to under a); and	Stage 2 Pre-construction Stage 3 Pre-construction	 Track where route alignment deviates from approved corridor Check geological or topographical deviations have not increased impacts to biodiversity, cultural heritage or human amenity 	MappingSurvey recordsImpact assessment
2.4 c)	The route alignment of the project shall be within the corridor identified in the documents referred to in condition 1.1. Any deviations in route alignment outside this corridor shall only occur for the purpose of: c) after consultation with potentially affected landholders and relevant agencies.	Stage 2 Pre-construction Stage 3 Pre-construction	 Track where route alignment deviates from approved corridor Track consultation with affected landholders and agencies. 	MappingConsultation records



Identification	Compliance Requirement	Development Stage and	Monitoring Methodology	Evidence / comments
Number		Phase		
2.5	The Proponent shall prepare, in accordance with APGA Code of Environmental Practice – Onshore Pipelines and the Guidelines for Controlled Activities on Waterfront Land (NRAR 2018), or their latest versions, site-specific watercourse crossings and details of associated methods of construction. These documents shall be submitted for the endorsement of the NRAR prior to the submission of the Construction Environmental Management Plan required under condition 6.2.	Stage 1 Pre-construction Stage 2 Pre-construction Stage 3 Pre-construction	Track consultation with NRAR (DPE Water) Confirm watercourse crossings are designed in consideration of the Guidelines for Controlled Activities on Waterfront Land Track and compare submission timing relative to CEMP submission.	 Engineering designs NRAR (DPE Water) written endorsement Consultation records Record of CEMP submission
2.5 a)	The Construction Environmental Management Plan shall include: a) a copy of the NRAR's endorsement(s) of the documents required under this condition;	Stage 1 Pre-construction Stage 2 Pre-construction Stage 3 Pre-construction	Check NRAR (DPE Water) endorsement(s) included in CEMP	 NRAR (DPE Water) written endorsement CEMP Secretary's Approval of CEMP
2.5 b)	The Construction Environmental Management Plan shall include: b) details of the duration and timing of works associated with watercourse crossings	Stage 1 Pre-construction Stage 2 Pre-construction Stage 3 Pre-construction	CEMP is prepared to the satisfaction of the Secretary	Secretary's Approval of CEMP
2.5 c)	The Construction Environmental Management Plan shall include: c) details of the measures that would be implemented to avoid or minimise impacts of the project on riparian and aquatic habitats in and around the water crossings.	Stage 1 Pre-construction Stage 2 Pre-construction Stage 3 Pre-construction	CEMP is prepared to the satisfaction of the Secretary	Secretary's Approval of CEMP
2.5	In preparing the documents required under this condition, the Proponent shall consult with the relevant Local Land Services with regard to watercourse crossing methodologies and site specific mitigation measures for watercourses.	Stage 1 Pre-construction Stage 2 Pre-construction Stage 3 Pre-construction	Track consultation with the relevant Local Land Services for watercourse crossing designs and mitigation.	Consultation records
2.6	The project shall avoid any disturbance to, or crossing of, wetlands mapped under State Environmental Planning Policy (Coastal Management) 2018. Where the project route lies within 100 metres of a mapped SEPP 14 wetland, an appropriate buffer around these wetlands shall be defined and illustrated in the Construction Environmental Management Plan required under condition 6.2, to ensure no adverse effects to the wetland result from the project.	Stage 1 Pre-construction Stage 2 Pre-construction Stage 3 Pre-construction	 Check SEPP 14 wetland mapping against the pipeline route. CEMP is prepared to the satisfaction of the Secretary 	MappingSecretary's Approval of CEMP
2.7	The Proponent shall, where practicable, avoid temporary watercourse crossings for heavy machinery.	Stage 1 Pre-construction Stage 2 Pre-construction Stage 3 Pre-construction	Check new temporary roads avoid watercourse crossings where practicable	MappingEngineering plans
2.8	The Proponent shall consult with NSW Fisheries in relation to any temporary infrastructure or works in and around watercourses that may result in the blockage of fish passage.	Stage 1 Pre-construction Stage 2 Pre-construction Stage 3 Pre-construction	Track consultation with DPI Fisheries for works in and around watercourses.	Consultation recordsEngineering plans
2.9 a)	The Proponent shall provide off-take points (valves) to enable the project to service the following areas: a) Narrabri and Boggabri;	Stage 2 Pre-construction	Check pipeline design includes off-take point at agreed locations	Consultation records Engineering plans
2.9 b)	The Proponent shall provide off-take points (valves) to enable the project to service the following areas: b) Gunnedah;	Stage 2 Pre-construction	Check pipeline design includes off-take point at agreed locations	Consultation recordsEngineering plans
2.9 c)	The Proponent shall provide off-take points (valves) to enable the project to service the following areas: c) Quirindi	Stage 2 Pre-construction	Check pipeline design includes off-take point at agreed locations	Consultation recordsEngineering plans
2.9 d)	The Proponent shall provide off-take points (valves) to enable the project to service the following areas: d) Murrurundi, Scone and Aberdeen; and	Stage 2 Pre-construction	Check pipeline design includes off-take point at agreed locations	Consultation recordsEngineering plans



Identification Number	Compliance Requirement	Development Stage and Phase	Monitoring Methodology	Evidence / comments
2.9 e)	The Proponent shall provide off-take points (valves) to enable the project to service the following areas: e) Port Stephens	Stage 2 Pre-construction	Check pipeline design includes off-take point at agreed locations	Consultation recordsEngineering plans
2.9	The Proponent shall consult with the relevant local council in identifying locations for off-take points referred to under this condition and in relation to any requirements for servicing relevant areas. The outcomes of this consultation shall be provided to the Department prior to the commencement of construction of the relevant part of the project, unless otherwise agreed by the Secretary.	Stage 2 Pre-construction	 Track consultation with local councils for off-take points Check timing of submission of consultation outcomes is prior to commencement of construction. 	Consultation recordsRecord of submission
2.10	The project shall be constructed in accordance with the APGA Code of Environmental Practice – Onshore Pipelines.	Stage 1 Construction Stage 2 Construction Stage 3 Construction	Check CEMP incorporates APGA Code of Environment Practice – Onshore Pipelines measures.	 Assurance inspection reports CEMP Secretary's Approval of CEMP
3.1 a)	The Proponent shall only undertake construction activities associated with the project, other than blasting, that would generate an audible noise at any residential or sensitive receiver during the following hours: a) 7:00 am to 6:00 pm, Mondays to Fridays, inclusive;	Stage 1 Construction Stage 2 Construction Stage 3 Construction	Check construction activities that could generate an audible noise at any residential or sensitive receiver is only undertaken between 7am to 6pm Monday to Friday	Toolbox talk recordsSite InductionsSite signage
3.1 b)	The Proponent shall only undertake construction activities associated with the project, other than blasting, that would generate an audible noise at any residential or sensitive receiver during the following hours: b) 8:00 am to 1:00 pm on Saturdays; and	Stage 1 Construction Stage 2 Construction Stage 3 Construction	Check construction activities that could generate an audible noise at any residential or sensitive receiver is only undertaken between 8am to 1pm Saturday	Toolbox talk recordsSite InductionsSite signage
3.1 c)	The Proponent shall only undertake construction activities associated with the project, other than blasting, that would generate an audible noise at any residential or sensitive receiver during the following hours: c) at no time on Sundays or public holidays.	Stage 1 Construction Stage 2 Construction Stage 3 Construction	Check construction activities that could generate an audible noise at any residential or sensitive receiver is not undertaken on Sunday or public holidays	Toolbox talk recordsSite InductionsSite signage
3.1	Subject to the Secretary's approval of the Construction Environmental Management Plan (under condition 6.2), construction activities may occur outside these hours (for example a 28day construction, 9 day respite construction schedule approach). This condition does not apply in the event of a direction from police or other relevant authority for safety reasons, or to avoid immediate environmental harm. NOTE: the 28-day on/ 9-day off cycle is generally accepted as appropriate construction hours, however it is important that recognition is given to noise sensitive areas and an alternative schedule be developed for these areas through the Construction Environmental Management Plan.	Stage 1 Construction Stage 2 Construction Stage 3 Construction	CEMP is prepared to the satisfaction of the Secretary.	 Secretary's Approval of CEMP Work rosters
3.2 a)	Blasting associated with the construction of the project shall only be undertaken during the following hours: a) 9:00 am to 5:00 pm, Mondays to Fridays, inclusive;	Stage 1 Construction Stage 2 Construction Stage 3 Construction	Track and compare times of blasting events to authorised periods.	Toolbox talk recordsBlasting recordsSite Inductions
3.2 b)	Blasting associated with the construction of the project shall only be undertaken during the following hours: b) 9:00 am to 5:00 pm on Saturdays; and	Stage 1 Construction Stage 2 Construction Stage 3 Construction	Track and compare times of blasting events to authorised periods.	Toolbox talk recordsBlasting recordsSite Inductions
3.2 c)	Blasting associated with the construction of the project shall only be undertaken during the following hours: c) at no time on Sundays or public holidays.	Stage 1 Construction Stage 2 Construction Stage 3 Construction	Track and compare times of blasting events to authorised periods.	Toolbox talk recordsBlasting recordsSite Inductions



Identification Number	Compliance Requirement	Development Stage and Phase	Monitoring Methodology	Evidence / comments
3.3	The Proponent shall ensure that air blast overpressure generated by blasting associated with the project does not exceed the criteria specified in Table 1 when measured at the most affected residential or sensitive receiver.	Stage 1 Construction Stage 2 Construction Stage 3 Construction	Compare measured air blast pressure to authorised criteria	Toolbox talk recordsMonitoring results
	Table 1 – Airblast Overpressure Criteria Airblast Overpressure (dB(Lin Peak)) 115 5% of total number of blasts over a 12-month period 120 Never			
3.4	The Proponent shall ensure that the ground vibration generated by blasting associated with the project does not exceed the criteria specified in Table 2 when measured at the most affected residential or sensitive receiver.	Stage 1 Construction Stage 2 Construction Stage 3 Construction	Compare measured ground vibration to authorised criteria	Toolbox talk recordsMonitoring results
	Table 2 – Peak Particle Velocity Criteria Peak Particle Velocity Criteria 5 So fotal number of blasts over a 12-month period 10 Never			
3.5	Prior to each blasting event, the Proponent shall notify the relevant local council and potentially-affected landowners, including details of time and location of the blasting event and providing a contact point for inquiries and complaints	Stage 1 Construction Stage 2 Construction Stage 3 Construction	 Track and compare notification times to blasting events Check notifications include time, and location of blasting event and contact details. 	Consultation records
3.6	The Proponent shall construct the project in a manner that minimises dust emissions from the site, including wind-blown and traffic-generated dust. All activities on the site shall be undertaken with the objective of preventing visible emissions of dust from the site. Should such visible dust emissions occur at any time, the Proponent shall identify and implement all practicable dust mitigation measures, including cessation of relevant works, as appropriate, such that emissions of visible dust cease.	Stage 1 Construction Stage 2 Construction Stage 3 Construction	Conduct regular site inspections	Site Inspection records
3.7	The Proponent shall not permit any offensive odour, as defined under section 129 of the Protection of the Environment Operations Act 1997, to be emitted beyond the boundary of the site.	Stage 1 Construction Stage 2 Construction Stage 3 Construction Stage 2 Operation Stage 3 Operation	Conduct regular site inspections	Site Inspection records
3.8 a)	Where directional drilling/boring is proposed under roads or where trenching is proposed to cross roads or where trenching is proposed to occur within the road reserve in close proximity to the road pavement, the Proponent shall obtain consent under Section 138 of the Roads Act 1993 for any such works. The following information must be provided to these authorities, prior to the commencement of construction, when seeking consent: a) detailed plans of the pipeline including vertical and horizontal alignment;	Stage 2 Pre-construction Stage 3 Pre-construction	 Track timing of Section 138 submission Check section 138 submissions includes information required by the condition 	 Record of Section 138 submission Section 138 consents Engineering drawings
3.8 b)	Where directional drilling/boring is proposed under roads or where trenching is proposed to cross roads or where trenching is proposed to occur within the road reserve in close proximity to the road pavement, the Proponent shall obtain consent under Section 138 of the Roads Act 1993 for any such works. The following information must be provided to these authorities, prior to the commencement of construction, when seeking consent: b) plant and equipment proposed to be used and construction compound locations;	Stage 2 Pre-construction Stage 3 Pre-construction	 Track timing of Section 138 submission Check section 138 submissions include information required by the condition 	 Record of Section 138 submission Section 138 consents
3.8 c)	Where directional drilling/boring is proposed under roads or where trenching is proposed to cross roads or where trenching is proposed to occur within the road reserve in close proximity to the road pavement, the Proponent shall obtain consent under Section 138 of the Roads Act 1993 for any such works. The following information must be provided to these authorities, prior to the commencement of construction, when seeking consent: c) construction schedule and hours of construction;	Stage 2 Pre-construction Stage 3 Pre-construction	 Track timing of Section 138 submission Check section 138 submissions include information required by the condition 	 Record of Section 138 submission Section 138 consents



Identification	Compliance Requirement	Development Stage and	Monitoring Methodology	Evidence / comments
Number		Phase		
3.8 d)	Where directional drilling/boring is proposed under roads or where trenching is proposed to cross roads or where trenching is proposed to occur within the road reserve in close proximity to the road pavement, the Proponent shall obtain consent under Section 138 of the Roads Act 1993 for any such works. The following information must be provided to these authorities, prior to the commencement of construction, when seeking consent: d) mitigation measures proposed to reduce impacts to traffic and pedestrian safety; and	Stage 2 Pre-construction Stage 3 Pre-construction	 Track timing of Section 138 submission Check section 138 submissions include information required by the condition 	 Record of Section 138 submission Section 138 consents
3.8 e)	Where directional drilling/boring is proposed under roads or where trenching is proposed to cross roads or where trenching is proposed to occur within the road reserve in close proximity to the road pavement, the Proponent shall obtain consent under Section 138 of the Roads Act 1993 for any such works. The following information must be provided to these authorities, prior to the commencement of construction, when seeking consent: e) indicative maintenance arrangements during operation.	Stage 2 Pre-construction Stage 3 Pre-construction	 Track timing of Section 138 submission Check section 138 submissions include information required by the condition 	 Record of Section 138 submission Section 138 consents
3.8	This information shall also be provided as part of the Construction Traffic Management Plan required for the Construction Environmental Management Plan (refer to condition 6.3b)).	Stage 2 Pre-construction Stage 3 Pre-construction	Confirm information provided in Section 138 applications is included in the Construction Traffic Management Plan (CTMP)	Secretary's Approval of CTMP
3.9	The Proponent shall ensure that any measures to restore or reinstate roads affected by the project are undertaken in a timely manner, in accordance with the requirements and to the satisfaction of the relevant road authority, including the Crown Lands and at the full expense of the Proponent.	Stage 1 Construction Stage 2 Construction Stage 3 Construction Stage 2 Operation Stage 3 Operation	 Ensure the repairs identified in the post-dilapidation survey are completed. Track consultation with relevant road authority 	 Post works dilapidation report Records of repair and/or payments made. Consultation records
3.10	The Proponent shall ensure that all crossings of the council-maintained roads are constructed using construction methods and depth of cover determined in consultation with the relevant local council.	Stage 2 Construction Stage 3 Construction	 Track consultation with local governments Inspect road crossing construction works. Track and compare with agreed crossing methodologies. 	 Consultation records Site inspection records Engineering drawings / design
3.11	The Proponent shall undertake all reasonable and feasible measures to minimise the impact of the project on all existing infrastructure in the vicinity of the project route. The Proponent shall consult with the appropriate owner of such infrastructure with regard to measures to mitigate or manage any potential impact. The Proponent shall bear the cost of repairing or relocating any infrastructure directly impacted or damaged as a result of the project.	At all times	 Track consultation with infrastructure owners near the project Confirm consultation outcomes included in construction documentation / management plans (as required) Check that Santos has paid for repairs/relocation as required. 	 Service location report Site maps Site inspection records Consultation records Records of repair and/or payments made Secretary's approval of management plans
3.12	The Proponent shall consult with Gunnedah Shire Council regarding any existing leases and access/occupation rights that may exist within the Pullaming Stock Route, in order to determine and manage any potential impacts to this area from the installation and ongoing maintenance of the project.	Stage 1 Pre-construction Stage 2 Pre-construction Stage 3 Pre-construction	 Track consultation with Gunnedah Shire Council. Confirm consultation outcomes included in construction documentation / management plans (as required) 	 Consultation records Construction checklists Secretary's approval of management plans Site inspection records
3.13	Prior to the commencement of relevant construction works, the Proponent shall consult with holders of mineral, mining and coal tenements with respect to measures to be applied during construction and operation of the project so as to minimise the potential for any sterilisation of resources on the tenement. This must include, but is not limited to, Namoi Valley Coal Pty Limited, the owner of mining tenements CL316 and AUTH406 and Muswellbrook Coal Company Ltd, the owner of coal tenements AUTH176 and ML1304.	Stage 1 Pre-construction Stage 2 Pre-construction Stage 3 Pre-construction	 Track consultation with holders of mineral, mining and coal tenements Confirm consultation outcomes included in construction documentation / management plans (as required) 	 Consultation records Construction checklists Secretary's approval of management plans Site inspection records



Identification Number	Compliance Requirement	Development Stage and Phase	Monitoring Methodology	Evidence / comments
3.14 a)	Prior to the commencement of construction, the Proponent shall consult with each landholder, whose property is directly impacted by the project, the terms and conditions relating to construction activities on their land, including: a) access to land;	Stage 1 Pre-construction Stage 2 Pre-construction Stage 3 Pre-construction	Track consultation with each directly affected landholder	Consultation recordsProperty leases/agreements
3.14 b)	Prior to the commencement of construction, the Proponent shall consult with each landholder, whose property is directly impacted by the project, the terms and conditions relating to construction activities on their land, including: b) measures to control spread of weeds, genetically modified organisms and methods to ensure security of livestock on the land during construction; and	Stage 1 Pre-construction Stage 2 Pre-construction Stage 3 Pre-construction	Track consultation with each directly affected landholder	Consultation recordsProperty leases/agreements
3.14 c)	Prior to the commencement of construction, the Proponent shall consult with each landholder, whose property is directly impacted by the project, the terms and conditions relating to construction activities on their land, including: c) acquiring of necessary easements, including terms of the easement agreement and compensation to the landowner for the proposed easement on their land.	Stage 1 Pre-construction Stage 2 Pre-construction Stage 3 Pre-construction	Track consultation with each directly affected landholder	Consultation recordsProperty leases/agreements
3.15 a)	The Proponent shall: a) submit, as part of the Construction Environmental Management Plan required under condition 6.2, a study of the potential impacts from the construction of the project on potential koala habitat	Stage 2 Pre-construction Stage 3 Pre-construction	Check CEMP includes a koala habitat impact study	Secretary's approval of the CEMP
3.15 b)	The Proponent shall: b) monitor open trench areas for any fauna and any sightings of fauna shall be actively managed to minimise actual and potential impacts on those species. Any fauna found in the open trench shall be recorded and managed in consultation with BCD; and	Stage 2 Construction Stage 3 Construction	Inspection of open trenches Track fauna capture / release Track consultation with BCD	 Site inspection records Fauna capture and release records Consultation records
3.15 c)	The Proponent shall: c) for a period of two years after construction (or as otherwise required by the Secretary) monitor the areas along the project alignment, after construction is complete, for weed infestation and any infestations shall be actively managed to remove or minimise the spread of infestations.	Stage 1 Operation Stage 2 Operation Stage 3 Operation	Monitor for weed infestation and actively manage if required for 2 years.	Site inspection records
3.16	Clearing of native vegetation shall be limited to the minimal extent practicable required for the construction of the project. This shall be achieved by both location of the pipeline in previously cleared areas where possible, and where clearing cannot be avoided a minimal width clearing corridor.	Stage 1 Construction Stage 2 Construction Stage 3 Construction	 Check pipeline has been sited in previously cleared areas. Where clearing cannot be avoided, check that the Construction Right of Way is minimised. 	 Route alignment sheets Secretary's approval of the CEMP
3.17	The construction activities of the pipeline shall not disrupt to the extent practicable, the previous vegetation rehabilitation works conducted by the Kooragang Wetland Rehabilitation Project and Hunter Bird Observers Club, on the western part of Kooragang Island (also referred to as Ash Island).	Stage 2 Construction	Check the pipeline has been sited to avoid, where possible, the area identified in the conditions of consent	Route alignment sheetsSecretary's approval of the CEMP
3.18 a)	The Proponent shall develop and submit for the approval of the Secretary, a Biodiversity Offset Needs Study. The study shall be developed in consultation with BCD and shall include a methodology for determining biodiversity offset requirements. The study shall: a) quantify vegetation clearing, considering condition of vegetation, loss of potential habitat, and resulting consequences of this loss (short and long term);	Stage 2 Pre-construction Stage 3 Pre-construction	 Check Biodiversity Offset Needs Study prepared to the satisfaction of the Secretary. Track consultation with BCD 	 Secretary's approval of Biodiversity Offset Needs Study. Consultation records
3.18 b)	The Proponent shall develop and submit for the approval of the Secretary, a Biodiversity Offset Needs Study. The study shall be developed in consultation with BCD and shall include a methodology for determining biodiversity offset requirements. The study shall: b) detail the significance of impacts to biodiversity as a result of the loss quantified in 3.18 a);	Stage 2 Pre-construction Stage 3 Pre-construction	 Check Biodiversity Offset Needs Study prepared to the satisfaction of the Secretary. Track consultation with BCD 	 Secretary's approval of Biodiversity Offset Needs Study. Consultation records
3.18 c)	The Proponent shall develop and submit for the approval of the Secretary, a Biodiversity Offset Needs Study. The study shall be developed in consultation with BCD and shall include a methodology for determining biodiversity offset requirements. The study shall: c) inform the quantification of biodiversity offset requirements;	Stage 2 Pre-construction Stage 3 Pre-construction	 Check Biodiversity Offset Needs Study prepared to the satisfaction of the Secretary. Track consultation with BCD 	 Secretary's approval of Biodiversity Offset Needs Study. Consultation records



Identification	Compliance Requirement	Development Stage and	Monitoring Methodology	Evidence / comments
Number		Phase		
3.18 d)	The Proponent shall develop and submit for the approval of the Secretary, a Biodiversity Offset Needs Study. The study shall be developed in consultation with BCD and shall include a methodology for determining biodiversity offset requirements. The study shall: d) consider the biodiversity management measures or activities identified in the documents set out in condition 1.1 or elsewhere in these Conditions of Approval, including: i) revegetation measures; ii) relevant construction measures to reduce terrestrial and aquatic impacts; iii) any other fauna mitigation measures such as nest boxes; and iv) any ongoing biodiversity or threatened species monitoring requirements;	Stage 2 Pre-construction Stage 3 Pre-construction	 Check Biodiversity Offset Needs Study prepared to the satisfaction of the Secretary. Track consultation with BCD 	 Secretary's approval of Biodiversity Offset Needs Study. Consultation records
3.18 e)	The Proponent shall develop and submit for the approval of the Secretary, a Biodiversity Offset Needs Study. The study shall be developed in consultation with BCD and shall include a methodology for determining biodiversity offset requirements. The study shall: e) describe the decision-making framework used in determining the level of impact to biodiversity;	Stage 2 Pre-construction Stage 3 Pre-construction	 Check Biodiversity Offset Needs Study prepared to the satisfaction of the Secretary. Track consultation with BCD 	 Secretary's approval of Biodiversity Offset Needs Study. Consultation records
3.18 f)	The Proponent shall develop and submit for the approval of the Secretary, a Biodiversity Offset Needs Study. The study shall be developed in consultation with BCD and shall include a methodology for determining biodiversity offset requirements. The study shall: f) detail the final methodology used to determine the biodiversity offset requirements; and	Stage 2 Pre-construction Stage 3 Pre-construction	 Check Biodiversity Offset Needs Study prepared to the satisfaction of the Secretary. Track consultation with BCD 	 Secretary's approval of Biodiversity Offset Needs Study. Consultation records
3.18 g)	The Proponent shall develop and submit for the approval of the Secretary, a Biodiversity Offset Needs Study. The study shall be developed in consultation with BCD and shall include a methodology for determining biodiversity offset requirements. The study shall: g) include a program (timeline) to achieve the implementation of the final suite of measures to mitigate and or manage impacts to biodiversity.	Stage 2 Pre-construction Stage 3 Pre-construction	Check Biodiversity Offset Needs Study prepared to the satisfaction of the Secretary. Track consultation with BCD	 Secretary's approval of Biodiversity Offset Needs Study. Consultation records
3.18	Unless otherwise agreed by the Secretary, the Biodiversity Offset Needs Study shall be submitted to the Secretary for approval prior to the commencement of any construction works.	Stage 2 Pre-construction Stage 3 Pre-construction	Check timing of Secretary's approval is in accordance with the condition of approval.	Secretary's approval of Biodiversity Offset Needs Study
3.19	Prior to the commencement of the construction of the project, unless the Secretary agrees otherwise, the Proponent shall prepare a Final Hazard Analysis (FHA) of the project to the satisfaction of the Secretary.	Stage 2 Pre-construction Stage 3 Pre-construction	 Check FHA prepared to the satisfaction of the Secretary. Check timing of Secretary's approval is in accordance with the condition of approval. 	Secretary's approval of FHA
3.20	Prior to the commencement of the operation of the project, the Proponent shall submit to the Department a copy of the Pipeline Management Plan required for the project under the <i>Pipelines Regulation 2013</i> .	Stage 2 Pre-operation Stage 3 Pre-operation	Check timing of submission of Pipeline Management Plan is in accordance with the condition of approval.	Record of submission of Pipeline Management Plan.
3.21	Except as may be expressively provided by an Environment Protection Licence for the project, the Proponent shall comply with section 120 of the Protection of the Environment Operations Act 1997 which prohibits the pollution of waters.	At all times	Regular site inspections Check erosion and sediment control plans are designed in accordance with the Blue Book and certified by a Certified Professional in Erosion and Sediment Control (CPESC) Check emergency response / contingency plan and equipment are in place	 Incident reports Erosion and sediment control plans CPESC certification Site inspection records Emergency response / contingency plan
3.22	Soil and water management controls shall be employed to minimise soil erosion and the discharge of sediment and other pollutants to lands and/or waters during construction activities, in accordance with Managing Urban Stormwater: Soils and construction (DECC, 2008), or its latest version.	Stage 1 Construction Stage 2 Construction Stage 3 Construction	Check erosion and sediment controls are installed and maintained as per the approved Water Management Plan	ESCP PhotosSite inspection recordsMaintenance records



Identification Number	Compliance Requirement	Development Stage and Phase	Monitoring Methodology	Evidence / comments
3.23	The Proponent shall prepare a contingency plan for events that have the potential to pollute or contaminate surface or ground water. The plan is to include threshold levels, remediation actions and communication strategies for the effective management of such an event. This plan is to be included in the Construction Environmental Management Plan required under condition 6.2.	Stage 1 Pre-Construction Stage 2 Pre-construction Stage 3 Pre-construction	 Check that a contingency plan includes information required by the condition of approval Check that a contingency plan has been included in the CEMP. 	 A Contingency Plan in the CEMP. Secretary's approval of CEMP
3.24	The Proponent shall notify the relevant local council should contaminated soil be uncovered during excavation works. The Construction Environmental Management Plan required under condition 6.2 shall include management measures for any contamination that may be uncovered during construction of the project.	Stage 1 Construction Stage 2 Construction Stage 3 Construction	 Check that the relevant local council has been notified in the event that contaminated soil is uncovered. Check the CEMP includes management measures in the event that contaminated soil is uncovered. 	 Incident report Correspondence records CEMP containing relevant management measures Secretary's approval of CEMP
3.25	Proponent shall ensure that all water supplies for construction, hydro-testing and operation are sourced from an authorised and reliable supply.	At all times	Check that water is sourced from an authorised and reliable supply	 Water purchasing receipts/Tax invoices Water supply work and/or water use approvals
3.26	Any Acid Sulphate Soils encountered during construction of the project shall be treated and disposed of in accordance with the Acid Sulphate Soils Manual (Acid Sulphate Soil Management Advisory Committee, 1998) or its latest version.	Stage 1 Construction Stage 2 Construction Stage 3 Construction	 Check acid sulphate soils management options are as per the Manual. Monitor implementation of controls. Check waste lawfully disposed of (if required). Check the CEMP incorporates ASS management measures 	 Waste dockets Waste register Inspection records CEMP containing relevant management measures Secretary's approval of CEMP
3.27	The Proponent shall prepare an oral histories study for determining significant Aboriginal heritage significant sites along the potential route. The study shall be informed by the views of the Traditional Owners and appropriate Aboriginal community. The Construction Environmental Management Plan (condition 6.2) protocols adopted in relation to avoidance, constraints and mitigation measures shall be informed by the oral histories. The results of this study shall be used to assist in the determination of the final project right of way (refer to condition 2.1.1).	Stage 1 Pre-construction Stage 2 Pre-construction Stage 3 Pre-construction	Check that an oral histories study has been completed as relevant to the stage.	Oral histories record
3.28	If during the course of any ground fieldwork assessment, the Proponent uncovers any significant Aboriginal heritage sites, the Proponent shall consult BCD with regard to an appropriate course of action for the management of these sites.	Stage 1 Construction Stage 2 Construction Stage 3 Construction	Track consultation with BCD in the event of finding a significant Aboriginal heritage site	Incident reportPhotosConsultation records
3.29	If during the course of construction the Proponent becomes aware of any previously unidentified significant Aboriginal object(s), all work likely to affect the object(s) shall cease immediately and BCD informed in accordance with the National Parks and Wildlife Act 1974. Relevant works shall not recommence until written authorisation from BCD advising otherwise is received by the Proponent.	Stage 1 Construction Stage 2 Construction Stage 3 Construction	Check the process specified in the condition of approval is followed in the event of finding a previously unidentified significant Aboriginal object(s)	Incident reportPhotosConsultation records
3.30	The Proponent shall liaise with the Crown Lands and negotiate measures to be applied during construction and operation of the project so as to minimise the potential for any impact to the environment on Crown lands.	Stage 2 Pre-construction Stage 3 Pre-construction Stage 2 Pre-operation Stage 3 Pre-operation	Track consultation with Crown Lands	Consultation records
3.31	The Proponent shall ensure the provision of long term access management measures, such as fences, gates and barriers to be installed at all pipeline entry points on Crown Land to minimise the opportunity of utility easements being utilised for illegal rubbish dumping, illegal trail bike riding, damaging 4WD use and bushfire ignition points.	Stage 2 Construction Stage 3 Construction	Monitor implementation of gates, fences and barriers at pipeline entry points to Crown Land.	 Engineering drawings / reports Construction checklists Inspection records Photos



Identification	Compliance Requirement	Development Stage and	Monitoring Methodology	Evidence / comments
Number		Phase		
3.32	All waste materials removed from the site shall only be directed to a waste management facility lawfully permitted to accept the materials.	Stage 1 Construction Stage 2 Construction Stage 3 Construction Stage 2 Operation Stage 3 Operation	Check waste has been sent to facility lawfully permitted to accept the materials	Waste docketsWaste register
3.33	The Proponent shall maximise the treatment, reuse and/ or recycling on the site of any waste oils, excavated soils, slurries, dusts and sludges associated with the project, to minimise the need for treatment or disposal of those materials outside the site	Stage 1 Construction Stage 2 Construction Stage 3 Construction Stage 2 Operation Stage 3 Operation	Check to ensure waste is being treated, reused and/or recycled on site where possible	Site inspection recordsToolbox talks
3.34	The Proponent shall not cause, permit or allow any waste generated outside the site to be received at the site for storage, treatment, processing, reprocessing, or disposal on the site, except as expressly permitted by a licence under the Protection of the Environment Operations Act 1997, if such a licence is required in relation to that waste.	Stage 1 Construction Stage 2 Construction Stage 3 Construction Stage 2 Operation Stage 3 Operation	Check that no waste generated off site is received on site.	Site inspection recordsSite delivery records
3.35	The Proponent shall ensure that all liquid and / or non-liquid waste generated and / or stored on the site is assessed and managed in accordance with the relevant NSW Waste Classification Guidelines (EPA, 2014), or their latest versions.	Stage 1 Construction Stage 2 Construction Stage 3 Construction Stage 2 Operation Stage 3 Operation	Check that waste is assessed and managed in accordance with the relevant Waste Classification Guidelines	Waste registerSite mapsSite inspection records
4.1 a)	The Proponent shall notify the Department in writing of the date of commencement of: a) any stage of construction of the project;	Stage 1 Construction Stage 2 Construction Stage 3 Construction	Confirm the Department has been notified	Written notification to the Department
4.1 b)	The Proponent shall notify the Department in writing of the date of commencement of: b) the commissioning of the pipeline; and	Stage 2 Commissioning Stage 3 Commissioning	Confirm the Department has been notified	Written notification to the Department
4.1 c)	The Proponent shall notify the Department in writing of the date of commencement of: c) the operation of the pipeline.	Stage 2 Commissioning Stage 3 Commissioning	Confirm the Department has been notified	Written notification to the Department
4.2	The Proponent shall provide regular compliance reporting on the project as required by the Department and in accordance with the relevant Compliance Reporting (DPE 2018) requirements.	At all times	Check that compliance reporting is in accordance with the relevant Compliance Report (DPE 2018) requirements	Compliance Reports as per the Compliance Monitoring and Reporting Program.
4.3	The Proponent shall provide regular reporting on the environmental performance of the project on its website in accordance with the reporting requirements in any strategies or plans approved under the conditions of approval.	At all times	Check website to ensure reporting is published	Website
4.4	The Department shall be notified in writing to compliance@planning.nsw.gov.au immediately after the Proponent becomes aware of an incident. The notification must identify the project (including the application number and name of the project) and set out the location and nature of the incident	At all times	Check notification times and content of notification is in accordance with the condition of approval	Incident reportNotification to the Department
4.5	The Department shall be notified in writing to compliance@planning.nsw.gov.au within 7 days after the Proponent becomes aware of any non-compliance with the conditions of this approval. The notification must identify the project (including the application number and name of the project), set out the condition of approval that the project is non-compliant with, the way in which it does not comply, the reasons for the non-compliance (if known) and what actions have been taken, or will be, undertaken to address the non-compliance.	At all times	Check notification times and content of notification is in accordance with the condition of approval	Incident report Notification to the Department
5.1 a)	Prior to the commencement of the construction of the project, the Proponent shall prepare an Environmental Management Strategy for the project to the satisfaction of the Secretary. This strategy must: a) provide the strategic framework for the environmental management of the project;	Stage 1 Pre-construction Stage 2 Pre-construction Stage 3 Pre-construction	 EMS is prepared to the satisfaction of the Secretary Check timing of Secretary's approval of EMS is in 	EMSSecretary's approval of EMS



Identification Number	Compliance Requirement	Development Stage and Phase	Monitoring Methodology	Evidence / comments
-Namber		Thuse	accordance with the condition of approval.	
5.1 b)	Prior to the commencement of the construction of the project, the Proponent shall prepare an Environmental Management Strategy for the project to the satisfaction of the Secretary. This strategy must: b) identify the statutory approvals that apply to the project;	Stage 1 Pre-construction Stage 2 Pre-construction Stage 3 Pre-construction	 Check EMS is prepared to the satisfaction of the Secretary Check timing of Secretary's approval of EMS is in accordance with the condition of approval. 	Secretary's approval of EMS
5.1 c)	Prior to the commencement of the construction of the project, the Proponent shall prepare an Environmental Management Strategy for the project to the satisfaction of the Secretary. This strategy must: c) describe the role, responsibility, authority and accountability of all key personnel involved in the environmental management of the project; and	Stage 1 Pre-construction Stage 2 Pre-construction Stage 3 Pre-construction	 Check EMS is prepared to the satisfaction of the Secretary Check timing of Secretary's approval of EMS is in accordance with the condition of approval. 	Secretary's approval of EMS
5.1 d)	Prior to the commencement of the construction of the project, the Proponent shall prepare an Environmental Management Strategy for the project to the satisfaction of the Secretary. This strategy must: d) describe the procedures that would be implemented to: • keep the local community and relevant agencies informed about the progress of the project; • receive, handle, respond to, record and report complaints; • resolve any disputes that may arise during the project; • respond to any non-compliance; and • respond to any incidents or emergencies	Stage 1 Pre-construction Stage 2 Pre-construction Stage 3 Pre-construction	 Check EMS is prepared to the satisfaction of the Secretary Check timing of Secretary's approval of EMS is in accordance with the condition of approval. 	Secretary's approval of EMS
5.2 a)	From the commencement of the construction of the project, the Proponent shall: a) make copies of the following information publicly available on its website: the EA; current statutory approvals for the project; approved studies, strategies and plans required for the project under the conditions of approval; a comprehensive summary of the monitoring results on the project, reported in accordance with the requirements in the conditions of approval or any approved studies, strategies or plans for the project; a summary of any complaints received, updated monthly; any other matter required by the Secretary; and	Stage 1 Construction Stage 2 Construction Stage 3 Construction	Check website to ensure documentation is available from the commencement of construction	• Website
5.2 b)	From the commencement of the construction of the project, the Proponent shall: b) keep this information up to date.	Stage 1 Construction Stage 2 Construction Stage 3 Construction	Check website to ensure the most up to date documentation is published	Website
6.1	To ensure the studies, strategies and plans for the project are updated on a regular basis and incorporate any required measures to improve the environmental performance of the project, the Proponent may submit revised studies, strategies or plans required for the project under the conditions of approval at any time. With the agreement of the Secretary, the Proponent may also submit any study, strategy or plan required under the conditions of this approval on a staged basis. The Secretary may approve a revised strategy or plan required under the conditions of approval, or the stage submission of these documents, at any time. With the approval of the Secretary, the Proponent may prepare the revised or staged strategy or plan without undertaking consultation with all parties nominated under the applicable condition in this approval. Notes: While any study, strategy or plan may be submitted on a progressive basis, the Proponent will need to ensure that the existing operations on site are covered by suitable studies, strategies or plans at all times. If the submission of any study, strategy or plan is to be staged, then the relevant study, strategy or plan must clearly describe the specific stage to which the study, strategy or plan applies, the relationship of this stage to any future stages, and the trigger for updating the study, strategy or plan.	At all times	 Check revised studies, strategies or plans are submitted to the Secretary (if required). Check staged studies, strategies or plans are submitted to the Secretary Check existing operations are covered by an approved study, strategy or plans at all times. Regular assurance inspections 	 Submission record of revised studies, strategies or plans Submission record of staged studies, strategies or plans Secretary's approval of revised studies, strategies or plans Secretary's approval of staged, studies or plans Agreement from Secretary to stage studies, strategies or plans. Site Plans Assurance inspection reports



Identification Number	Compliance Requirement	Development Stage and Phase	Monitoring Methodology	Evidence / comments
6.2 a)	Prior to the commencement of the construction of the project, the Proponent shall prepare a Construction Environmental Management Plan (CEMP) for the project to the satisfaction of the Secretary. This plan must outline the environmental management practices and procedures to be followed during construction of the project. The CEMP shall be consistent with Guideline for the Preparation of Environmental Management Plans (DIPNR 2004), or its latest version, and shall include, but not necessarily be limited to: a) a description of all relevant activities to be undertaken on the site during construction;	Stage 1 Pre-construction Stage 2 Pre-construction Stage 3 Pre-construction	 Check CEMP is prepared to the satisfaction of the Secretary Check timing of Secretary's approval is in accordance with the condition of approval. 	Secretary's approval of CEMP
6.2 b)	Prior to the commencement of the construction of the project, the Proponent shall prepare a Construction Environmental Management Plan (CEMP) for the project to the satisfaction of the Secretary. This plan must outline the environmental management practices and procedures to be followed during construction of the project. The CEMP shall be consistent with Guideline for the Preparation of Environmental Management Plans (DIPNR 2004), or its latest version, and shall include, but not necessarily be limited to: b) details of the areas designated for the erection of public information signage;	Stage 1 Pre-construction Stage 2 Pre-construction Stage 3 Pre-construction	 Check CEMP is prepared to the satisfaction of the Secretary Check timing of Secretary's approval is in accordance with the condition of approval. 	Secretary's approval of CEMP
6.2 c)	Prior to the commencement of the construction of the project, the Proponent shall prepare a Construction Environmental Management Plan (CEMP) for the project to the satisfaction of the Secretary. This plan must outline the environmental management practices and procedures to be followed during construction of the project. The CEMP shall be consistent with Guideline for the Preparation of Environmental Management Plans (DIPNR 2004), or its latest version, and shall include, but not necessarily be limited to: c) details of any construction camp sites and the management of these sites	Stage 1 Pre-construction Stage 2 Pre-construction Stage 3 Pre-construction	 Check CEMP is prepared to the satisfaction of the Secretary Check timing of Secretary's approval is in accordance with the condition of approval. 	Secretary's approval of CEMP
6.2 d)	Prior to the commencement of the construction of the project, the Proponent shall prepare a Construction Environmental Management Plan (CEMP) for the project to the satisfaction of the Secretary. This plan must outline the environmental management practices and procedures to be followed during construction of the project. The CEMP shall be consistent with Guideline for the Preparation of Environmental Management Plans (DIPNR 2004), or its latest version, and shall include, but not necessarily be limited to: d) details of the measures to be employed to minimise soil erosion and trench compaction;	Stage 1 Pre-construction Stage 2 Pre-construction Stage 3 Pre-construction	 Check CEMP is prepared to the satisfaction of the Secretary Check timing of Secretary's approval is in accordance with the condition of approval. 	Secretary's approval of CEMP
6.2 e)	Prior to the commencement of the construction of the project, the Proponent shall prepare a Construction Environmental Management Plan (CEMP) for the project to the satisfaction of the Secretary. This plan must outline the environmental management practices and procedures to be followed during construction of the project. The CEMP shall be consistent with Guideline for the Preparation of Environmental Management Plans (DIPNR 2004), or its latest version, and shall include, but not necessarily be limited to: e) details on potential occurrence of expansive soils and saline areas along the proposal route and management and mitigation measures;	Stage 1 Pre-construction Stage 2 Pre-construction Stage 3 Pre-construction	 Check CEMP is prepared to the satisfaction of the Secretary Check timing of Secretary's approval is in accordance with the condition of approval. 	Secretary's approval of CEMP
6.2 f)	Prior to the commencement of the construction of the project, the Proponent shall prepare a Construction Environmental Management Plan (CEMP) for the project to the satisfaction of the Secretary. This plan must outline the environmental management practices and procedures to be followed during construction of the project. The CEMP shall be consistent with Guideline for the Preparation of Environmental Management Plans (DIPNR 2004), or its latest version, and shall include, but not necessarily be limited to: f) details of measures to be installed to separate construction areas from publicly accessible areas;	Stage 1 Pre-construction Stage 2 Pre-construction Stage 3 Pre-construction	 Check CEMP is prepared to the satisfaction of the Secretary Check timing of Secretary's approval is in accordance with the condition of approval. 	Secretary's approval of CEMP
6.2 g)	Prior to the commencement of the construction of the project, the Proponent shall prepare a Construction Environmental Management Plan (CEMP) for the project to the satisfaction of the Secretary. This plan must outline the environmental management practices and procedures to be followed during construction of the project. The CEMP shall be consistent with Guideline for the Preparation of Environmental Management Plans (DIPNR 2004), or its latest version, and shall include, but not necessarily be limited to: g) details of the protocols to be implemented to minimise impacts to Aboriginal cultural heritage sites;	Stage 1 Pre-construction Stage 2 Pre-construction Stage 3 Pre-construction	 Check CEMP is prepared to the satisfaction of the Secretary Check timing of Secretary's approval is in accordance with the condition of approval. 	Secretary's approval of CEMP
6.2 h)	Prior to the commencement of the construction of the project, the Proponent shall prepare a Construction Environmental Management Plan (CEMP) for the project to the satisfaction of the Secretary. This plan must outline the environmental management practices and procedures to be followed during construction of the project. The CEMP shall be consistent with Guideline for the Preparation of Environmental Management Plans (DIPNR 2004), or its latest version, and shall include, but not necessarily be limited to: h) statutory and other obligations that the Proponent is required to fulfil during construction including all relevant approvals, consultations and agreements required from authorities and other stakeholders, and key legislation and policies;	Stage 1 Pre-construction Stage 2 Pre-construction Stage 3 Pre-construction	 Check CEMP is prepared to the satisfaction of the Secretary Check timing of Secretary's Approval is in accordance with the condition of approval. 	Secretary's approval of CEMP



Identification Number	Compliance Requirement	Development Stage and Phase	Monitoring Methodology	Evidence / comments
6.2 i)	Prior to the commencement of the construction of the project, the Proponent shall prepare a Construction Environmental Management Plan (CEMP) for the project to the satisfaction of the Secretary. This plan must outline the environmental management practices and procedures to be followed during construction of the project. The CEMP shall be consistent with Guideline for the Preparation of Environmental Management Plans (DIPNR 2004), or its latest version, and shall include, but not necessarily be limited to: i) details of how the environmental performance of the construction works will be monitored, and what actions will be taken to minimise environmental impacts. In particular, the following environmental performance issues shall be addressed in the Plan: i) measures to monitor and minimise dust emissions; ii) measures to monitor and minimise soil erosion and the discharge of sediment and other pollutants to lands and/ or waters during construction activities; iii) measures to monitor and minimise noise emissions during construction works; iv) measures to monitor and minimise air emissions during construction to ensure that air emissions; v) measures to minimise the impact of construction on local flora and fauna, consistent with the mitigation measures described in section 9.4 and Appendix D of the documents referred to under condition 1.1a), including minimisation of vegetation clearing; methods to minimise unintended impacts on vegetation to be retained and fauna; details of the rehabilitation of cleared areas; topsoil, seed and vegetative material re-use initiatives to be employed; and measures to be undertaken to control weed spread; vi) measures to monitor and minimise the impacts on indigenous heritage values on site including involvement of the relevant Local Land Councils, Committees and Traditional Owner Groups; and	Stage 1 Pre-construction Stage 2 Pre-construction Stage 3 Pre-construction	Check CEMP is prepared to the satisfaction of the Secretary Check timing of Secretary's approval is in accordance with the condition of approval.	Secretary's approval of CEMP
6.2 j)	Prior to the commencement of the construction of the project, the Proponent shall prepare a Construction Environmental Management Plan (CEMP) for the project to the satisfaction of the Secretary. This plan must outline the environmental management practices and procedures to be followed during construction of the project. The CEMP shall be consistent with Guideline for the Preparation of Environmental Management Plans (DIPNR 2004), or its latest version, and shall include, but not necessarily be limited to: j) the additional plans listed under condition 6.3 of this approval.	Stage 1 Pre-construction Stage 2 Pre-construction Stage 3 Pre-construction	 Check CEMP is prepared to the satisfaction of the Secretary Check timing of Secretary's approval is in accordance with the condition of approval. 	Secretary's approval of CEMP
6.2	The Proponent shall implement the approved CEMP for the project.	Stage 1 Construction Stage 2 Construction Stage 3 Construction	Check that the CEMP is being implemented on site.	 Inspection records Induction records Site Maps Servicing / Maintenance records Photos Incident reports Site registers (e.g. waste) Monitoring data
6.3 a)	The Construction Environmental Management Plan required under condition 6.2 must include: a) a Construction Noise Management Plan to minimise noise impacts during construction. The Plan must include, but not necessarily be limited to: i) revised noise predictions for the final route of the pipeline, taking in consideration the proposed mitigation measures; ii) details of the scheduling and management of construction works outside the hours specified under condition 3.1, where relevant, including: • identification of construction works and construction areas for which construction noise will be audible or inaudible at respective residential and sensitive receivers; • for construction works identified as audible at residential and sensitive receivers, provisions for consultation with affected receivers with respect to any construction works outside the hours specified under condition 3.1, including provisions for the establishment of negotiated agreements with those receivers for out-of-hours works; • reflection of a general 28-day construction, 9-day respite scheduling approach, unless the intensity of works and/ or nature of impacted residential or sensitive receivers requires otherwise. In such circumstances, the Plan shall demonstrate that consideration has been given to additional noise	Stage 1 Pre-construction Stage 2 Pre-construction Stage 3 Pre-construction	 Check Construction NMP is prepared to the satisfaction of the Secretary Check timing of Secretary's approval is in accordance with the condition of approval. 	Secretary's approval of NMP



Identification Number	Compliance Requirement	Development Stage and Phase	Monitoring Methodology	Evidence / comments
	 mitigation (at-source and/ or at receiver), or alternatively that the 28-day/ 9- day scheduling cycle has been refined in recognition of the impacted receivers; reflection of an approach to scheduling construction activities that takes into account the intensity, characteristics (tonality/ frequency/ impulsiveness) and duration of construction noise and the need for provision of respite for affected receivers; recognition of special arrangements required for public and religious holidays, sensitive receivers (hospitals, schools etc) and sensitive periods (for example, school exam periods); proactive and reactive monitoring and management measures for all audible out-of-hours construction works; auditing and reporting requirements, where relevant, to ensure that residential and sensitive receivers are not being adversely impacted by construction noise associated with the project; iii) details of the measures that would be implemented to minimise the construction noise impacts of the project, having regard to the best practice requirements outlined in the Interim Construction Noise Guideline (DECC, 2009), or its latest version; and iv) details, where impacts cannot be mitigated to meet the relevant highly noise affected criterion in the Interim Construction Noise Guideline, of effective consultation and/or negotiation with affected receptors. 			
6.3 b)	The Construction Environmental Management Plan required under condition 6.2 must include: b) a Construction Traffic Management Plan to minimise the construction traffic impacts of the project. The Plan must address the requirements of the relevant Councils, RMS, Crown Lands, and any other relevant road authority and shall include, but not necessarily be limited to: i) details of how construction of project infrastructure will be managed in proximity to local and regional roads; ii) the measures that would be implemented to minimise the traffic impacts of the project on road users and the capacity and safety of the road network, including: • imposing restrictions on the use of heavy or over-dimensional vehicles; • a driver's code of conduct for workers associated with the project; • notifying the local community about project-related traffic impacts; • ensuring vehicles enter and leave the site in a forward direction and have their loads covered or contained; • minimising dirt being tracked onto the public road network from project-related traffic; and • providing sufficient parking on site for project-related traffic; iii) include a program to monitor and report on the effectiveness of these measures; and iv) evidence to demonstrate that all statutory responsibilities with regard to road traffic impacts have been complied with.	Stage 1 Pre-construction Stage 2 Pre-construction Stage 3 Pre-construction	Check Construction TMP is prepared to the satisfaction of the Secretary Check timing of Secretary's approval is in accordance with the condition of approval.	Secretary's approval of TMP
6.3 c)	The Construction Environmental Management Plan required under condition 6.2 must include: c) a Water Management Plan to minimise the water impacts of the project. The Plan shall: i) identify all sources of water that would be used for the construction of the project (including water for hydro-testing), and the amount of water to be extracted from each source; and ii) describe the measures that would be implemented to minimise the water impacts of the project, including: • the measures to avoid any off-site water pollution occurring; • the measures to minimise soil erosion and the discharge of sediments from the site; • the measures to ensure all chemical and hydrocarbon products are stored on site in bunded areas in accordance with the relevant Australian Standards; and • details on the proposed disposal sites for hydro-test water and the environmental protection measures to be used at any such disposal sites; and iii) include a include a program to monitor and report on the effectiveness of these measures.	Stage 1 Pre-construction Stage 2 Pre-construction Stage 3 Pre-construction	Check Construction WMP is prepared to the satisfaction of the Secretary Check timing of Secretary's approval is in accordance with the condition of approval.	Secretary's approval of WMP
6.4 a)	Prior to the commencement of the operation of the project, the Proponent shall prepare an Operation Environmental Management Plan (OEMP) to the satisfaction of the Secretary. This plan must outline the environmental management practices and procedures to be followed during the operation of the project. The OEMP shall be consistent with Guideline for the Preparation of Environmental Management Plans (DIPNR 2004), or its latest version, and shall include, but not necessarily be limited to:	Stage 2 Pre-operation Stage 3 Pre-operation	 Check OEMP is prepared to the satisfaction of the Secretary. Check timing of Secretary's approval is in accordance with the condition of approval. 	Secretary's approval of OEMP



Identification Number	Compliance Requirement	Development Stage and Phase	Monitoring Methodology	Evidence / comments
	a) identification of all relevant statutory and other obligations that the Proponent is required to fulfil in relation to operation of the project, including all relevant approvals, licences, approvals and consultations;			
6.4 b)	Prior to the commencement of the operation of the project, the Proponent shall prepare an Operation Environmental Management Plan (OEMP) to the satisfaction of the Secretary. This plan must outline the environmental management practices and procedures to be followed during the operation of the project. The OEMP shall be consistent with Guideline for the Preparation of Environmental Management Plans (DIPNR 2004), or its latest version, and shall include, but not necessarily be limited to: b) details of the areas designated for the erection of public information signage in accordance with AS 2885;	Stage 2 Pre-operation Stage 3 Pre-operation	 Check OEMP is prepared to the satisfaction of the Secretary. Check timing of Secretary's approval is in accordance with the condition of approval. 	Secretary's approval of OEMP
6.4 c)	Prior to the commencement of the operation of the project, the Proponent shall prepare an Operation Environmental Management Plan (OEMP) to the satisfaction of the Secretary. This plan must outline the environmental management practices and procedures to be followed during the operation of the project. The OEMP shall be consistent with Guideline for the Preparation of Environmental Management Plans (DIPNR 2004), or its latest version, and shall include, but not necessarily be limited to: c) details of the monitoring methods of rehabilitated areas;	Stage 2 Pre-operation Stage 3 Pre-operation	 Check OEMP is prepared to the satisfaction of the Secretary. Check timing of Secretary's approval is in accordance with the condition of approval. 	Secretary's approval of OEMP
6.4 d)	Prior to the commencement of the operation of the project, the Proponent shall prepare an Operation Environmental Management Plan (OEMP) to the satisfaction of the Secretary. This plan must outline the environmental management practices and procedures to be followed during the operation of the project. The OEMP shall be consistent with Guideline for the Preparation of Environmental Management Plans (DIPNR 2004), or its latest version, and shall include, but not necessarily be limited to: d) specific consideration of relevant measures to address any requirements identified in the documents referred to under conditions 1.1a) of this approval;	Stage 2 Pre-operation Stage 3 Pre-operation	 Check OEMP is prepared to the satisfaction of the Secretary. Check timing of Secretary's approval is in accordance with the condition of approval. 	Secretary's approval of OEMP
6.4 e)	Prior to the commencement of the operation of the project, the Proponent shall prepare an Operation Environmental Management Plan (OEMP) to the satisfaction of the Secretary. This plan must outline the environmental management practices and procedures to be followed during the operation of the project. The OEMP shall be consistent with Guideline for the Preparation of Environmental Management Plans (DIPNR 2004), or its latest version, and shall include, but not necessarily be limited to: e) details control measures for soil erosion and sedimentation;	Stage 2 Pre-operation Stage 3 Pre-operation	 Check OEMP is prepared to the satisfaction of the Secretary. Check timing of Secretary's approval is in accordance with the condition of approval. 	Secretary's approval of OEMP
6.4 f)	Prior to the commencement of the operation of the project, the Proponent shall prepare an Operation Environmental Management Plan (OEMP) to the satisfaction of the Secretary. This plan must outline the environmental management practices and procedures to be followed during the operation of the project. The OEMP shall be consistent with Guideline for the Preparation of Environmental Management Plans (DIPNR 2004), or its latest version, and shall include, but not necessarily be limited to: f) overall environmental policies and principles to be applied to the operation of the project;	Stage 2 Pre-operation Stage 3 Pre-operation	 Check OEMP is prepared to the satisfaction of the Secretary. Check timing of Secretary's approval is in accordance with the condition of approval. 	Secretary's approval of OEMP
6.4 g)	Prior to the commencement of the operation of the project, the Proponent shall prepare an Operation Environmental Management Plan (OEMP) to the satisfaction of the Secretary. This plan must outline the environmental management practices and procedures to be followed during the operation of the project. The OEMP shall be consistent with Guideline for the Preparation of Environmental Management Plans (DIPNR 2004), or its latest version, and shall include, but not necessarily be limited to: g) relevant standards and performance measures to be applied to the project, and a means by which environmental performance can be periodically reviewed and improved, where appropriate;	Stage 2 Pre-operation Stage 3 Pre-operation	 Check OEMP is prepared to the satisfaction of the Secretary. Check timing of Secretary's approval is in accordance with the condition of approval. 	Secretary's approval of OEMP
6.4 h)	Prior to the commencement of the operation of the project, the Proponent shall prepare an Operation Environmental Management Plan (OEMP) to the satisfaction of the Secretary. This plan must outline the environmental management practices and procedures to be followed during the operation of the project. The OEMP shall be consistent with Guideline for the Preparation of Environmental Management Plans (DIPNR 2004), or its latest version, and shall include, but not necessarily be limited to: h) management policies to ensure that environmental performance goals are met and to comply with the conditions of this approval;	Stage 2 Pre-operation Stage 3 Pre-operation	 Check OEMP is prepared to the satisfaction of the Secretary. Check timing of Secretary's approval is in accordance with the condition of approval. 	Secretary's approval of OEMP
6.4 i)	Prior to the commencement of the operation of the project, the Proponent shall prepare an Operation Environmental Management Plan (OEMP) to the satisfaction of the Secretary. This plan must outline the environmental management practices and procedures to be followed during the operation of the project. The OEMP shall be consistent with Guideline for the Preparation of Environmental Management Plans (DIPNR 2004), or its latest version, and shall include, but not necessarily be limited to:	Stage 2 Pre-operation Stage 3 Pre-operation	 Check OEMP is prepared to the satisfaction of the Secretary. Check timing of Secretary's approval is in accordance with the condition of approval. 	Secretary's approval of OEMP



Identification Number	Compliance Requirement	Development Stage and Phase	Monitoring Methodology	Evidence / comments
	i) measures to ensure that relevant ambient air criteria will be met for operational activities, including gas venting;			
6.4 j)	Prior to the commencement of the operation of the project, the Proponent shall prepare an Operation Environmental Management Plan (OEMP) to the satisfaction of the Secretary. This plan must outline the environmental management practices and procedures to be followed during the operation of the project. The OEMP shall be consistent with Guideline for the Preparation of Environmental Management Plans (DIPNR 2004), or its latest version, and shall include, but not necessarily be limited to: j) measures to minimise the operational noise impacts of the project and ensure it complies with the relevant noise criterion specified in the Noise Policy for Industry (EPA 2017), or its latest version; and	Stage 2 Pre-operation Stage 3 Pre-operation	 Check OEMP is prepared to the satisfaction of the Secretary. Check timing of Secretary's approval is in accordance with the condition of approval. 	Secretary's approval of OEMP
6.4 k)	Prior to the commencement of the operation of the project, the Proponent shall prepare an Operation Environmental Management Plan (OEMP) to the satisfaction of the Secretary. This plan must outline the environmental management practices and procedures to be followed during the operation of the project. The OEMP shall be consistent with Guideline for the Preparation of Environmental Management Plans (DIPNR 2004), or its latest version, and shall include, but not necessarily be limited to: k) management measures for easement areas, including management of vegetation, soil erosion, weed control and landholder liaison.	Stage 2 Pre-operation Stage 3 Pre-operation	 Check OEMP is prepared to the satisfaction of the Secretary. Check timing of Secretary's Approval is in accordance with the condition of approval. 	Secretary's approval of OEMP
6.4	The Proponent shall implement the approved OEMP for the project.	Stage 2 Operation Stage 3 Operation	Check that the OEMP is being implemented on site.	 Inspection records Induction records Site Maps Servicing / Maintenance records Photos Incident reports Site registers (e.g. waste) Monitoring data
6.5 a)	Within 3 months, unless the Secretary agrees otherwise, of: a) the submission of an incident notification under condition 4.4 above; the Proponent shall review and, if necessary, revise the studies, strategies or plans required under the conditions of approval to the satisfaction of the Secretary. Where this review leads to revisions in any such document, then within 4 weeks of the review the revised document must be submitted to the Secretary for approval.	At all times	Check the process documented in the condition of approval is followed in the specified timeframes in the event of an incident notified in accordance with condition 4.4.	 Incident notifications to the Department Record of submission of revised studies, strategies or plans (if required) Secretary's approval of revised studies, strategies or plans (if required)
6.5 b)	Within 3 months, unless the Secretary agrees otherwise, of: b) the approval of any modification to the conditions of approval; or the Proponent shall review and, if necessary, revise the studies, strategies or plans required under the conditions of approval to the satisfaction of the Secretary. Where this review leads to revisions in any such document, then within 4 weeks of the review the revised document must be submitted to the Secretary for approval.	At all times	Check the process documented in the condition of approval is followed in the specified timeframes in the event of a modification to the conditions of approval	 Secretary's approval of modification to the conditions of approval Record of submission of revised studies, strategies or plans (if required) Secretary's approval of revised studies, strategies or plans (if required)
6.5 c)	Within 3 months, unless the Secretary agrees otherwise, of: c) a direction from the Secretary under condition the Proponent shall review and, if necessary, revise the studies, strategies or plans required under the conditions of approval to the satisfaction of the Secretary. Where this review leads to revisions in any such document, then within 4 weeks of the review the revised document must be submitted to the Secretary for approval.	At all times	Check the process documented in the condition of approval is followed in the specified timeframes in the event of a direction from the Secretary	 Direction from the Secretary Record of submission of revised studies, strategies or plans (if required) Secretary's approval of revised studies, strategies or plans (if required)