

Phase	Activity	Task	Responsibility
Design, planning and approvals	Route selection	Landholders shall be notified and consulted prior to the commencement of work.	Field Supervisor
Design, planning and approvals	Route selection	The preliminary pipeline route shall be selected utilising relevant topographic and/or field maps, cultural heritage sensitivity maps and 3D interpretation of aerial photos (where available). It shall be selected to avoid known sites of cultural or heritage significance and to avoid or minimise disturbance to major natural land features (ie. waterbodies, rises such as sand dunes, escarpments, creek crossings).	Environmental Adviser
Design, planning and approvals	Route selection	The initially selected route shall be marked in the field, with minor modifications as determined in the field (eg to avoid trees), and an initial route survey map and notes shall be produced.	Surveyor
Design, planning and approvals	Route selection (watercourses)	<ul style="list-style-type: none"> - Straighter sections of drainage channels shall be selected for crossings, where practicable. - Areas of high banks/bluffs shall be avoided, where practicable, to minimise cutting and erosion. - Watercourse crossings shall be aligned approximately perpendicular to the banks to minimise crossing distance. - Mature trees (eg coolibah, cooba, river gums) and thick vegetation (eg lignum shrubland), shall be avoided where possible. 	Environmental Adviser and surveyor
Design, planning and approvals	Route selection (watercourses)	The ROW shall be limited to 10 m at the banks of defined watercourses to prevent unnecessary clearing or disturbance. This may be increased if it allows the retention of high priority vegetation.	Construction Contractor
Design, planning and approvals	Route selection (watercourses)	Watercourse crossings shall be excavated at lowest practical flow (making provisions for pumping or re-routing water around the work site) whilst controlling turbidity.	Construction Contractor
Design, planning and approvals	Route appraisal	Field assessment of the marked route shall be undertaken by an ecologist, an archaeologist, operations and construction personnel an Environmental Adviser and a surveyor.	Environmental Adviser
Design, planning and approvals	Route appraisal	Pipeline routes shall be selected to avoid large trees and minimise vegetation clearance.	Environmental Adviser
Design, planning and approvals	Cultural heritage clearance	An application for a permit for a systematic survey of the proposed Pipeline route shall be submitted to the EPA.	Archeologist
Design, planning and approvals	Cultural heritage clearance	Aboriginal Representatives (as arranged with the relevant Land Council) shall survey the proposed pipeline route with assistance from an archaeologist and a surveyor and make minor modifications as required. The archaeologist shall prepare a report identifying any sites and recommending appropriate action and/or pipeline deviations ⁽¹⁾ .	Manager Government Affairs
Design, planning and approvals	Cultural heritage clearance	The pipeline ROW shall be selected to avoid areas deemed to be of heritage significance by the Aboriginal Monitors.	Archeologist and Surveyor
Design, planning and approvals	External Approvals	The relevant council shall be consulted concerning the effect of heavy vehicles on the local roads that are to be used during construction. Load restrictions shall be taken into account prior to using access roads and bridges.	Construction Contractor
Design, planning and approvals	External Approvals	Bulloo Shire shall be notified and consulted prior to the commencement of work.	Project Engineer
Design, planning and approvals	External Approvals	An application for the Pipeline Licence shall be submitted to the Minister of Mines and Energy.	External Liaison Adviser

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Design, planning and approvals	External Approvals	An application for approval of the proposed pipeline route (post monitoring) shall be submitted to the EPA.	Chief Environmental Adviser
Design, planning and approvals	External Approvals	Applications for borrow pit licence amendments shall be submitted to QDME (where required).	Project Engineer
Design, planning and approvals	External Approvals	If a Pipeline Licence is obtained then negotiations with the Landholders shall be undertaken to secure rights to the required land.	External Liaison Adviser
Design, planning and approvals	External Approvals	An Initial Advice Statement shall be submitted to QDME.	Chief Environmental Adviser
Design, planning and approvals	External Approvals	Applications for the necessary authority under the Environment Protection Act, 1994 for associated Environmentally Relevant Activities shall be made (eg. Wastewater treatment plants for mobile camps).	Chief Environmental Adviser
Design, planning and approvals	All	Wastes shall be managed according to the hierarchy, Reduce/Reuse/Recycle where possible. Transport to Ballera or Jackson Waste Management Depot for recycling or disposal or contractors to remain responsible for removal off-site.	All
Pre-construction	Marking	Sensitive areas that are close to or on the ROW but are to be avoided during construction shall be marked with a yellow tape or fenced off (generally includes mature priority 1 and 2 trees).	Environmental Adviser
Pre-construction	Contracts	Once all external environmental approvals are obtained the process of tendering for the pipeline construction shall be initiated. The contract shall (in addition to technical specifications) detail environmental requirements.	Project Engineer
Pre-construction	Mobilisation	All construction personnel shall be inducted in environmental and cultural heritage issues prior to the commencement of work (unless they have received a similar induction in the previous 12 months).	Chief Environmental Adviser
Pre-construction	Mobilisation	The contractor shall be provided with a copy of this EMP and relevant sections of the Santos QNTEMS.	Construction Supervisor
Pre-construction	Mobilisation	The relevant approvals (eg Environmental Licence under EP Act for sewage treatment works for more than 21 persons) shall be obtained prior to mobilisation.	Construction Contractor
Pre-construction	Mobilisation	All vehicles shall be adequately cleaned before entering "weed free areas" from areas known to be contaminated with declared weeds.	All
Construction and commissioning	Access tracks	Access shall only be along designated routes, existing roads and the ROW.	All
Construction and commissioning	Access tracks	Fences, gates and animal crossings shall be left in "as found or better condition" unless otherwise agreed (eg with landowner).	Construction Contractor
Construction and commissioning	Access tracks	Temporary access tracks shall be shallow ripped on abandonment, except on gibber plain areas where this may promote gully erosion.	Construction Contractor
Construction and commissioning	Access tracks	Public access along access tracks and the ROW shall be restricted by measures which serve to disguise the easement (ie dog-legging) and/or physical barriers and signage, unless that right already exists.	Construction Contractor

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Construction and commissioning	Access tracks (watercourses)	Roads and tracks shall be constructed at the level of the watercourse bed or flumes shall be temporarily installed.	Construction Contractor								
Construction and commissioning	Clearing	Minimise the removal of trees that are known to contain birds nests.	Environmental adviser								
Construction and commissioning	Clearing	Marked areas of cultural heritage significance shall be avoided. The final route alignment shall be inspected and monitored as construction progresses. If items of significance are found work shall stop in the vicinity of these items and recommence further along the route. A plan of action for dealing with the items on the route will be developed in conjunction with the EPA and Aboriginal representatives ⁽¹⁾ .	Construction Supervisor and Aboriginal Monitors								
Construction and commissioning	Clearing	Temporary erosion controls shall be installed where required. This may be provided by off-take drains or stabilised sand bags formed as ramped catch-drains, frequency determined by catchment and gradient.	Construction contractor								
Construction and commissioning	Clearing	<p>Clearing shall be confined to the predetermined ROW area.</p> <p>The nominal required width of the ROW varies with pipe diameter as follows:</p> <table border="1"> <thead> <tr> <th>Pipeline Diameter (mm)</th> <th>Nominal required ROW width (m)</th> </tr> </thead> <tbody> <tr> <td>- 15 m for pipe up to 150 mm in diameter.</td> <td></td> </tr> <tr> <td>- 18 m for pipe between 200 mm and 250 mm in diameter.</td> <td></td> </tr> <tr> <td>- 20 m for pipe 300 mm in diameter.</td> <td></td> </tr> </tbody> </table> <p>The nominal required width of the ROW also varies with landsystem types and construction activities. Typical requirements for a 150 mm diameter pipe are shown below (these will be proportionally larger for larger diameter pipes).</p> <ul style="list-style-type: none"> - 25 m for Laydown of equipment - 25 m for trenching in rocky areas as trench width and stockpile increase. ROW must increase to maintain safe working distances and separation of stockpiles. - 25 m for trenching in sand as trench width and spoil stockpiles increase. - 40 m for trenching in dune areas as trench width and spoil stockpiles increase. ROW must increase to maintain safe - 25 m for welding pipe bends - watercourse crossings (set back from bed and banks) Allows for bell hole (access to v - 25 m for protection of high priority vegetation as it allows high priority vegetation to be retained on the ROW. - 22 m for stockpiling of cleared vegetation to allow for vehicle access around stockpiles. - 70 m for vehicle turnarounds. 	Pipeline Diameter (mm)	Nominal required ROW width (m)	- 15 m for pipe up to 150 mm in diameter.		- 18 m for pipe between 200 mm and 250 mm in diameter.		- 20 m for pipe 300 mm in diameter.		Construction Contractor
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- 15 m for pipe up to 150 mm in diameter.											
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Construction and commissioning	Clearing	Vegetation clearance shall be minimised by avoiding or trimming trees as an alternative to clearing. If clearance is required it is preferable to leave soil intact to preserve root and seed stock along the ROW.	Construction Contractor								
Construction and commissioning	Clearing	Every effort shall be made to avoid clearing isolated trees.	Construction Contractor								

Phase	Activity	Task	Responsibility
Construction and commissioning	Clearing, Grading, Trenching	Monitoring of construction activities shall be undertaken by agreed representatives of Aboriginal groups. Relevant Land Council and relevant Aboriginal groups are to be kept informed of progress and outcomes ⁽¹⁾ .	Manager Government Affairs
Construction and commissioning	Grading	Grading of the ROW shall be kept to the minimum required for safe trafficking in areas at a greater distance than 3 m from the centre trenchline. Gibber shall be generally be rolled, grading in gibber shall be avoided wherever possible .	Construction Contractor
Construction and commissioning	Grading	Topsoil and vegetation shall be stockpiled separately and the piles breached at intervals of not more than 250 metres to facilitate vehicular movement, stock and wildlife access (except in drainage lines). Vehicular movements over topsoil stockpiles shall not occur.	Construction Contractor
Construction and commissioning	Grading	Topsoil shall not be removed from the site of excavation.	Construction Contractor
Construction and commissioning	Grading (watercourses)	Creek bed and creek bank material shall be stockpiled separately to any topsoil and vegetation and shall also be stockpiled outside the drainage line.	Construction Contractor
Construction and commissioning	Grading (watercourses)	Surface drainage shall not be blocked off in any way without making alternative provision for the flow of water. Flow diversion shall be temporary only.	Construction Contractor
Construction and commissioning	Trenching	The length of the open trench shall be minimised. Escape routes for wildlife (eg branches or ramps) shall be provided every 250 m. Trench plugs shall have slopes of not greater than 50%. The open trench shall be checked at least daily for entrapped wildlife.	Construction contractor
Construction and commissioning	Trenching	Trench depth to provide minimum cover as follows: - Standard 750 mm - Roads and Access Tracks 2,000 mm - Council Roads 2,500 mm - Drainage Features 1,300 mm - Sand dunes 2,000 mm	Construction Contractor
Construction and commissioning	Trenching	Trenching shall be undertaken primarily using a ditching machine, although backhoes or excavators may be required in excessively rocky areas, creek crossings or for excavation of bell holes.	Construction Contractor
Construction and commissioning	Trenching	If blasting of the trench is required, all statutory procedures and precautions shall be followed.	Construction Contractor
Construction and commissioning	Trenching	The trench shall not be excavated across any access roads or tracks until a by-pass has been provided and the duration of any disturbance shall be minimised.	Construction Contractor
Construction and commissioning	Trenching (watercourses)	During construction erosion control measures shall be provided at watercourse crossings, where necessary.	Construction Contractor
Construction and commissioning	Trenching (watercourses)	Surface drainage shall not be impeded without making alternative provisions for water flow. The pre-existing drainage pattern shall be re-instated as soon as practicable.	Construction Contractor
Construction and commissioning	Pipe stringing and welding	String pipe with gaps for access every 250 m.	Construction contractor
Construction and commissioning	Pipe stringing and welding	The pipe shall be welded away from potential fire sources such as vegetation and fuels. And appropriate fire fighting equipment shall be provided (eg extinguishers and water backpacks).	Construction contractor

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Construction and commissioning	Pipe stringing and welding	Waste epoxy and lins to be taken off site or to be dried for disposal to Ballera Waste Management Depot	Construction Contractor
Construction and commissioning	Pipe laying and backfilling	Trench backfilling shall occur according to the following: <ul style="list-style-type: none"> - Sand obtained from a borrow pit shall be used to bed the pipe. - Excavated spoil shall be backfilled into the trench to 10 cm below ground level and compacted. - Topsoil must only be replaced after the trench has been back-filled and compacted. - Stockpiled topsoil shall be used to form a crown over the trench to counteract settlement and to provide material for subsidence repair. - Crown breaks shall also be installed to prevent pooling and channelling of water along the pipeline. - Care shall be taken to ensure that deleterious materials are not included in the backfill. 	Construction Contractor
Construction and commissioning	Pipe laying and backfilling	During pipelaying operations every attempt shall be made not to disturb surface soil and vegetation. Where this is not possible, such disturbance shall be kept to a minimum.	Construction Contractor
Construction and commissioning	Pipe laying and backfilling	Pipelines shall not impede surface water movement.	Construction Contractor
Construction and commissioning	Pipe laying and backfilling	Adequate corrosion protection measures shall be employed to control the possible degradation of the pipeline.	Construction Contractor
Construction and commissioning	Pipe laying and backfilling	Water in trenches shall be removed prior to backfilling. The use of sedimentation controls shall be considered when removing and discharging any water from the trench.	Construction contractor
Construction and commissioning	Pipe laying and backfilling	During construction and pipelaying, adequate dust suppression techniques shall be employed.	Construction Contractor
Construction and commissioning	Pipeline testing and commissioning	Hydrotest water shall be sourced from nearby evaporation ponds wherever practical. Hydrotest water shall only be sourced from a creek or waterbody if the remaining water is adequate for landholder and aquatic requirements. In the event that use of any water bore or artificial water source is required for hydrotesting, permission from the owner shall be obtained.	Construction Contractor
Construction and commissioning	Pipeline testing and commissioning	The minimum required amount of corrosion inhibitors and biocides necessary to adequately protect the pipe shall be used during hydrotesting.	Construction Contractor
Construction and commissioning	Pipeline testing and commissioning	During pressure testing operations: <ul style="list-style-type: none"> - Hydrostatic test manifolds shall be located away from all waterbodies as far as is practicable. - Hydrotest water to be transported to either an existing facility that does not release to the environment and is not accessible by Stock or to a new holding pond that is not accessible to stock (with approval from the Environment Group). - Discharge shall not be onto open ground, into creeks or other waterbodies. - Test water shall not be discharged in a manner which causes flooding or erosion. 	Construction Contractor
Construction and commissioning	Pipeline testing and commissioning	Once the pipeline is constructed, the details shall be forwarded to the chief drafter so that the disturbance inventory may be up-dated.	Field Superintendent
Construction and commissioning	Clean up and Rehabilitation	Actively rehabilitation will be undertaken where beneficial.	Construction Contractor

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Construction and commissioning	Clean up and Rehabilitation	The pipeline construction area shall be re-profiled to original or stable contours including re-establishment of drainage and other land features.	Construction Contractor
Construction and commissioning	Clean up and Rehabilitation	Excess spoil shall be spread over the ROW.	Construction Contractor
Construction and commissioning	Clean up and Rehabilitation	Sediment and erosion controls shall be installed to prevent post-construction erosion.	Construction Contractor
Construction and commissioning	Clean up and Rehabilitation	Compacted areas (eg on working side of ROW) shall be shallow ripped to promote rehabilitation except on Gibber. Gibber compaction shall be addressed by dragging tyres over surface.	Construction Contractor
Construction and commissioning	Clean up and Rehabilitation	Damage to fences and tracks crossed by the ROW shall be repaired to at least prior condition.	Construction Contractor
Construction and commissioning	Clean up and Rehabilitation	Declared weeds along the ROW shall be identified and removed.	Construction Contractor
Construction and commissioning	Clean up and Rehabilitation	The remaining flagging tape, equipment, and rubbish shall be removed and taken to the Waste Management Facility at Ballera or Jackson.	Construction Contractor
Construction and commissioning	Clean up and Rehabilitation	Cleared vegetation shall be re-spread to provide a seed source, to reduce potential for erosion and reduce aesthetic impacts.	Construction Contractor
Construction and commissioning	Clean up and Rehabilitation	The fate of borrow pits shall be determined. Options include; retention by landholder, retention by Santos for further quarrying or restoration.	Construction Supervisor
Construction and commissioning	Clean up and Rehabilitation	Where required, borrow pits shall be restored as follows: <ul style="list-style-type: none"> - Consult with pastoral leaseholder - Return overburden or clay capping from roads /access tracks to pit - Fence if soil unconsolidated - Re-contour borrow pits (3 horizontal: 1 vertical) - Rip along contours to depth of 500 mm (or 100 mm in Gibber) - Divert stormwater runoff around pit and install erosion controls - Re-spread topsoil (and gibber stones) uniformly - Re-contour borrow pit consistent with surrounds. 	Contractor
Construction and commissioning	Clean up and Rehabilitation	windrows shall be removed and care taken to ensure the natural drainage is not interrupted.	Construction Contractor
Construction and commissioning	Clean up and Rehabilitation	Excess spoil shall be evenly spread over the ROW.	Construction Contractor
Construction and commissioning	Clean up and Rehabilitation	Erosion and sediment control measures such as check banks, diversion banks and brush filter strips shall be installed post backfilling, to prevent significant erosion problems on the ROW. Control banks should be of adequate spacing, height and material and extend either side of the ROW so as to divert run-off to a stable vegetated area. As a general rule, check banks should be installed on slopes greater than 2%. Check banks should be installed every 70m for slopes > 2% but < 5%, every 40m for slopes 5% - 10% and every 25m for slopes > 10%.	Construction Contractor
Construction and commissioning	Clean up and Rehabilitation	Where excessive compaction has occurred, the surface shall be shallow ripped (except in gibber).	Construction Contractor

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Construction and commissioning	Clean up and Rehabilitation	Respread gibber shall be compacted.	Construction Contractor
Construction and commissioning	Clean up and Rehabilitation	Sand dunes shall be reinstated to the approximate contours existing at the commencement of construction.	Construction Contractor
Construction and commissioning	Clean up and Rehabilitation	All areas affected by the work both within and outside the ROW (including pipe handling and stockpile areas and any area affected during construction) shall be reinstated and left in a neat and clean condition.	Construction Contractor
Construction and commissioning	Clean up and Rehabilitation	Landholder requirements for road rehabilitation will be established.	Construction Supervisor/Field Superintendent
Construction and commissioning	Clean up and Rehabilitation	Where required, roads shall be rehabilitated as follows: - Backgrade windrows, shallow rip, re-contour, re-spread topsoil and vegetation and install erosion controls. - retain 4WD access track for pipeline operation/maintenance but discourage public access (dog-legging at intersections with public roads and installing 'no access' signs).	Contractor
Construction and commissioning	Clean up and Rehabilitation (watercourses)	Creek banks and channels shall be reinstated, using material originally excavated, to the approximate contours that existed prior to construction. Erosion control measures such as off-take drains or stone mattresses shall be installed on creek banks where it appears that gullying is likely to occur.	Construction Contractor
Construction and commissioning	All	Preserve any significant Aboriginal artefacts exposed. If items of significance are found work shall stop in the vicinity of these items and recommence further along the route. A plan of action for dealing with the items on the route will be developed in conjunction with the EPA and Aboriginal representatives ⁽¹⁾ .	All
Construction and commissioning	All	Trees and shrubs left standing shall not be damaged. Clearance of shrubs and grasses is acceptable as recovery is rapid.	All
Construction and commissioning	All	The pipeline shall be inspected on a routine basis during construction.	Construction Supervisor
Operation and maintenance	Inspection	Ongoing inspections shall be undertaken as advised by internal environmental staff or regulatory authorities. The timing for inspections of licensed pipelines will be as per pipeline licence conditions.	
Operation and maintenance	Inspection	Periodic environmental inspections of the pipeline and ROW shall be undertaken. Such inspections and any findings should be recorded in a log book. If any incidents are noted that have the potential to impact on the environment they will be immediately reported to the Field Superintendent. Any reported environmental incident shall be responded to as detailed in the 'Environmental Incident Reporting and Investigation Procedure – QNTBU'.	Field Operators and Field Superintendent
Operation and maintenance	Inspection	Control banks shall be monitored to ensure they continue to reduce the velocity of water and redirect runoff in erosion prone areas.	Field Operators
Operation and maintenance	Inspection	Underwater crossings shall be inspected to ensure that the cover over the pipeline is adequate, that scouring has not caused any part of the pipeline to be unsupported and that there is no accumulation of debris or silt that could affect the stability and safety of the pipeline. Additional inspections will be made following large floods or storms.	Field Operators

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Operation and maintenance	Inspection	Inspections shall be undertaken to check the stability of creek banks. Unstable creek banks will be rectified immediately by means such as: - recontouring - installing erosion control banks at the top of the creek bank to divert run-off to a stable area - battering the creek bank, or - installing matting.	Field Operators
Operation and maintenance	Inspection	Inspections shall be undertaken to check for depressions and trenchline subsidence. Such depressions will be infilled where necessary, using local material from the ROW where practicable.	Field Operators
Operation and maintenance	Inspection	Potential or active areas of erosion shall be monitored.	Field Operators
Operation and maintenance	Maintenance	If the pipeline is to be used beyond its minimum design lifespan, appropriate maintenance and upgrade programs shall be developed.	Field Production Supervisor and Project Engineer
Operation and maintenance	Maintenance	Corrosion protection measures shall be installed and maintained in good working order to minimise the possibility of degradation of the pipeline from external or internal corrosion.	Field Operators
Operation and maintenance	Maintenance	All associated pipeline equipment and facilities (including scraper and compressor / pump stations) shall be maintained in a clean and safe condition.	Field Operators
Operation and maintenance	Maintenance	Warning signs shall be maintained to ensure that they are visible and legible to discourage unauthorised third party use of the ROW.	Field Operators
Operation and maintenance	Maintenance	The ROW and access track shall be maintained so as to prevent and/or rectify soil erosion	Field Operators
Operation and maintenance	Maintenance	Natural regrowth of native groundcover and shrubs over the entire ROW shall be encouraged. Trees will not be allowed to grow within 3m of the trench centreline to ensure tree roots do not impact the pipeline.	Field Operators
Operation and maintenance	Operation	During all pipeline pigging operations, residuals (debris) exiting the pipeline shall be properly captured in drums, a lined receiving pit, a frac tank or other suitable, impermeable containment device.	Field Operators
Operation and maintenance	Operation	Crown breaks shall not be obstructed.	Field Operators
Operation and maintenance	All	The pipeline shall be operated and maintained in accordance with the latest edition of:- AS1978 Field Testing of Pipelines; -AS2885 Gas and Liquid Petroleum Pipelines Code; -AS2018 Liquid Petroleum Pipeline Code;- Other relevant Australian Standards;- The Pipeline Licence Conditions; -Applicable environmental industry standards and practices;	Field Superintendent
Operation and maintenance	All	Vehicles shall stay on designated access tracks at all times.	All
Decommissioning and restoration	Restoration	All above ground piping, buildings, fencing and equipment shall be removed. Consideration will be given to salvaging / re-use of equipment prior to disposal.	Project Engineer
Decommissioning and restoration	Restoration	Heavily trafficked areas with soil compaction shall be shallow ripped along the contour, especially ROW (except in gibber landsystems).	Project Engineer

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Decommissioning and restoration	Restoration	Surface drainage lines shall be re-established where necessary.	Project Engineer
Decommissioning and restoration	Restoration	Stockpiled topsoil and cleared vegetation shall be respread on ripped/graded areas to assist rapid natural regeneration from seed stock. No seeding of rehabilitated areas shall be undertaken without Environment Group approval.	Project Engineer
Decommissioning and restoration	Decommissioning	On abandonment, all buried piping shall be: - depressurised - cut not less than 30 centimetres below final ground level - capped and abandoned. (Procedures are still being developed in conjunction with the Government).	Project Engineer
Decommissioning and restoration	Abandonment	The pipeline shall be decommissioned in accordance with all relevant standards, industry codes of practice and specific environmental requirements.	Field Superintendent, Environmental Adviser
Decommissioning and restoration	Abandonment	The following parties shall be notified of the flow line abandonment: - QDME - the Chief Drafter so that the disturbance inventory may be up-dated.	Area Superintendent, Chief Environmental Adviser
All	All	Segregate waste oils for recycling	All
All	All	Store liquid wastes separately for transport to Ballera or Jackson Waste Management Depot (includes pigging debris).	All
All	All	Fuel/oil spills shall be treated in-situ or transported to a licenced landfarm for treatment.	All
All	All	All wastes are to be appropriately stored on-site during the project. All wastes are to be taken off-site (periodically and at the end of the project) for appropriate treatment and / or disposal (the waste management facilities at Ballera and Jackson are available for this purpose). Typical wastes include: - domestic wastes (although the majority will be produced at the Ballera camp where the project personnel will stay) - industrial solid wastes (eg. empty paint containers, tape rolls and pipe off-cuts) - industrial liquid wastes (eg. hydrotest water and small quantities of oils or corrosion inhibitors)	All
All	All	Vehicles and equipment are to be maintained in good working order to reduce noise and emissions.	All

(1) Santos will make all reasonable efforts to have Aboriginal representatives monitor route selection and construction activities. However, should these parties refuse, Santos will rely on its own internal procedures to avoid damage to items of significance.