1 PROPONENT COMMITMENTS

In response to the TOR this Appendix outlines the proponent commitments made by QGC in this EIS. The commitments are listed in the tables below with reference to the volume, chapter and section in which they appear.

Table 1 Volume 1 Commitments

Volume	Chapter/Section	Commitment
1	**Chapter 2 PROJECT OVERVIEW**	
	2.4.2.2	QGC will implement the QCLNG Project in accordance with the BG Group Business Principles and the BG Health, Safety and Environment (HSE) Policy.
1	**Chapter 4 STAKEHOLDER CONSULTATION**	
	4.2.2	QGC will continue to work closely with indigenous communities ensuring cultural sensitivities relating to the Project are duly considered and managed.
	4.4	QGC will continue to undertake community and stakeholder consultation throughout each phase of the QCLNG Project.
1	**Chapter 5 PROJECT APPROVALS AND LEGISLATIVE FRAMEWORK**	
	5	QGC will secure all necessary permits and approvals under various legislation and statutory instruments to construct and operate the Project Components. This will occur within the overall regulatory approvals framework

Table 2 Volume 2 Commitments

Volume	Chapter/Section	Commitment
2	**Chapter 6 WORKFORCE**	
	6	To appropriately plan for managing workforce-related issues, QGC will implement the following: • recruitment and retention programs and strategies to attract skilled trades and supervision personnel from and to the Gladstone and Surat areas, including a Project training and employment program • a program of upskilling, training and development to increase local availability of trades where a local shortage exists • a local content strategy focusing on the Project area, based on an accurate understanding of current and potential future business capacity • ongoing skills and labour availability analysis • measures to ensure accommodation and job-related transport needs of all workers are considered in the Project's execution planning.
2	**Chapter 7 GAS FIELD COMPONENT OPERATIONS**	
	7.2	QGC is ensuring as far as practicable that the design, location and operation of gas-gathering, transportation and processing infrastructure aims to minimise any environmental and social

Volume	Chapter/Section	Commitment
		impacts.
	7.3	QGC will negotiate with landholders prior to the development of each well, construction of gathering systems and access tracks, and the installation of well site equipment.
	7.5.1	QGC will ensure wells are monitored continuously and maintained on a regular basis.
	7.10.3	All QGC's Gas Field assets are subject to a full-security risk assessment conducted by suitably qualified professionals.
2	**Chapter 8 PIPELINE OPERATIONS**	
	8.2	QGC will monitor the integrity of the pipeline system regularly as part of the pipeline's Operation and Maintenance Plan.
	8.4	QGC will maintain regular contact with landholders of all properties traversed by the pipelines to monitor any activities proposed within the pipeline easement likely to affect the integrity of the pipeline.
	8.15	QGC will notify potentially affected landholders of the planned venting of gas. Appropriate noise attenuation measures will be put in place where necessary.
	8.17.1.2	QGC will undertake stakeholder consultation in relation to options for The Narrows route crossing.
	8.17.1.3	QGC will take measures to avoid and minimise impacts on communities and the environment from construction and operation of pipelines. The route option that has least impact on communities and the environment, and is commercially and technically feasible, will be selected.
2	**Chapter 9 LNG COMPONENT OPERATIONS**	
	9.2.6.2	QGC commits to ongoing discussions with the Gladstone Harbourmaster regarding shipping zone buffer requirements.
	9.2.6.3	The following requirements will be put in place for all LNG/LPG vessels associated with the Project: • An indicative upper limit on wind speed of 30 knots will apply to pilot boarding and berthing operations within the Port of Gladstone. This limit is currently being finalised in consultation with the Gladstone Harbourmaster. • BG Operations Policy directs that transit of Gladstone Harbour and berthing will be undertaken in daylight for the first six months of operations, in order to ensure that pilots are familiar with LNG vessels and ship captains are familiar with the harbour. After six months, 24-hour access through the harbour to the berth is anticipated. • Visibility controls on harbour transit and berthing will be specified by the Gladstone Harbourmaster.
	9.3	QGC commits to preventative and condition based maintenance on the LNG Facility.
2	**Chapter 11 GAS FIELD CONSTRUCTION**	
	11.2.1	QGC will negotiate the well locations, connecting gas and water pipeline locations, works required on each property, restoration plans, and make compensation arrangements with each relevant

Volume	Chapter/Section	Commitment
		landholder.
	11.5.2.6	Road access tracks will be along established routes where possible. Where required, improvements will be made to access roads.
	11.6.4	Water for the camps, including potable water may be supplied from either shallow aquifer bores or treated Associated Water.
	11.6.7	QGC will endeavour to use Associated Water for all construction activities. This water will, where necessary, be treated to the appropriate standard for the use.
2	**CHAPTER 12 PIPELINE CONSTRUCTION**	
	12.3.4.2; Volume 10	QGC will develop and implement a Landscape and Character Maintenance Plan and a Cultural Heritage Management Plan (CHMP) to address the creation of access tracks. Access tracks shall be rehabilitated following consultation with relevant stakeholders, including landholder.
	12.3.8	QGC will consult with infrastructure providers to ensure that infrastructure potentially impacted by the pipeline has been identified.
	12.8.9	During the construction of the pipeline QGC will implement traffic management measures and specialist crews will be employed to ensure that activities minimise disturbance to road users.
	12.8.9	All rail crossings will be bored and there will be no interruption to rail traffic although some reduction in speed may be required. This will be negotiated with the relevant rail authority prior to commencement of a specific crossing.
	12.8.10	A Weed and Pest Management Plan will be finalised prior to commencement of construction.
	12.13	QGC will liaise with all affected Regional Councils to ensure that the locations of construction camps are appropriate.
	12.19.1	QGC is committed to developing a comprehensive and robust Waste Management Plan.
2	**Chapter 13 LNG FACILITY CONSTRUCTION DESCRIPTION**	
	13.1.2.1	Placement of notices to mariners and marker buoys to establish a nominal 300 m construction safety zone around the MOF will occur in consultation with the Regional Harbour Master and as required by Maritime Safety Queensland.
	13.1.2.4	QGC will develop and implement a Waste Management Plan which addresses the issue of cleared timber and vegetation waste.
	13.5	Appropriate security risk assessments and mitigations plan will be developed to address security risks as they are identified in risk studies. Security plans will be aligned with emergency response and evacuation planning, law enforcement agencies and prevailing Queensland laws and regulations.
	13.6; Volume 11	QGC will develop and implement a Mosquito and Biting Midge Management Plan and an Eastern Red Fire Ant Management Plan prior to construction and operation.

Volume	Chapter/Section	Commitment
	13.11.11; Volume 11	QGC will develop a Waste Management Plan for construction and operations to minimise waste generation and maximise reuse and recycling of construction waste products, as well as disposal of waste in an appropriate manner.
2	**Chapter 15 GAS FIELD COMPONENT REHABILITATION AND DECOMMISSIONING**	
	15.1	The Gas Field will be progressively rehabilitated as core, exploration, appraisal and production wells and associated infrastructure are no longer required.
	15.1	QGC is committed to ensuring an Environmental Rehabilitation Team is available throughout the life of the Project
	15.1; 15.2; Volume 9	QGC will develop and implement a Gas Field Component Decommissioning Plan and Revegetation and Rehabilitation Plan.
2	**CHAPTER 16 PIPELINE DECOMISSIONING**	
	16.1; Volume 10	QGC will develop and implement a Decommissioning Plan and a Revegetation and Rehabilitation Management Plan.
	16.1	Campsites and additional work areas required for construction of the Pipeline Component will be rehabilitated once the pipeline is operational. At the end of the Project life, once the Pipeline Component has been decommissioned, the RoW will be fully rehabilitated.
	16.1	QGC will carry out regular monitoring post the construction period to determine the level of rehabilitation of the Pipeline route and areas affected by construction.
	16.1	Where the monitoring of vegetation regrowth indicates that the required rate as described in the Draft EMP in Volume 10 of this EIS, is not being achieved, proactive measures will be initiated. Revegetation on private land will be carried out in consultation with the landholder. On state-owned or controlled lands any revegetation will be conducted in consultation with the relevant government department or agency (e.g. Department of Primary Industries and Fisheries within the Department of Employment, Economic Development and Innovation) to ensure the measures proposed are acceptable and have a high likelihood of success.
2	**Chapter 17 LNG FACILITY REHABILITATION AND DECOMMISSIONING**	
	17.2.1; 17.3	Detailed planning for decommissioning will be refined during the life of the QCLNG Project, and will commence no later than five years prior to the scheduled end of the LNG Facility life. Negotiations with relevant stakeholders, and in particular the Department of Infrastructure and Planning (DIP) (or applicable subsequent regulator) as the regulator of the Gladstone State Development Area (GDSA), will be undertaken to determine whether any items of infrastructure are to remain for subsequent users of the site.

Volume	Chapter/Section	Commitment
	17.2.2	In the event that removal from the EMR and/or Contaminated Land Register (CLR) is required (subject to negotiation with regulators and dependant upon proposed subsequent land use), appropriate site investigation will be undertaken as per relevant legislation at the time or as directed by the appropriate regulator.

Table 3 Volume 3 Commitments

Volume	Chapter/Section	Commitment
3	**Chapter 2 CLIMATE AND CLIMATE CHANGE**	
	2.2.2	QGC will develop a cooperative approach with government agencies, other industries and community members to understand the impacts of climate change and implement agreed adaptation strategies or innovations. This approach will be based on scientific data, community expectations and government policy.
	2.2.2	QGC will ensure that infrastructure will be designed to operate under the existing extremes of climate in the Surat Basin. This will ensure that these facilities will cope with predicted climate change.
3	**Chapter 3 TOPOGRAPHY and GEOMORPHOLOGY**	
	3.1.1	QGC will ensure that development of the Gas Field will requires minimal landform modification.
	3.1.2	Approximately 1.6 per cent of the Field area is considered to have a significant topography restriction. Where possible, these areas will be avoided for development of the Gas Field.
3	**Chapter 4 GEOLOGY AND SOILS**	
	4.4.1.4	Soil ameliorants will be added to stripped topsoil with fertility constraints to ensure successful growth of plants. Refer to *Section 4.5* for proposed management measures.
	4.5.1.1	Major earth works programmes will, where practical, be minimised during wet weather.
	Volume 9	QGC will implement a Soil Erosion and Sedimentation Control Management Plan.
	4.5.1.3	Prior to disturbance, the soil management group of the area to be disturbed will be confirmed and stripping depths will be based upon the established values.
	4.5.2.1	Areas with significant topography constraint and the presence of dispersive texture contrast soils will be avoided as far as possible.
	4.5.2.3	As far as possible, drill sites and associated infrastructure will be located, in consultation with landholders, along paddock boundaries and access areas.

Volume	Chapter/Section	Commitment
3	**Chapter 5 LAND USE AND INFRASTRUCTURE**	
	5.3.1.1; 5.3.7.1; 5.3.9.6; 5.3.10.1	QGC is committed to consulting with all potentially affected landholders. Care will be taken to minimise disruption to existing lifestyles and activities of landholders.
	5.3.1.1	QGC will ensure construction activities which may require temporary vehicle restriction will be publicly notified and traffic controlled. Where vehicle restrictions occur on private land, landholders will be consulted on the most convenient timing of restrictions.
	5.3.5.1	QGC is committed to mitigating any potential adverse affects co-locating steel pipelines and electrified rail lines. A separation buffer of at least 500 m will be maintained between infrastructure of this type. Crossings will be designed to incorporate the additional protection measures.
	5.3.5.2	QGC will liaise with the relevant railway authorities whenever Gas Field activities have the potential to interfere with railway operations.
	Volume 9	QGC will develop and implement a Stock Access and Control Management Plan.
	5.3.7; 5.3.8	Gas Field development will not be conducted in existing urban, residential, industrial and recreational areas, as defined under local planning schemes.
	5.3.9.7	QGC will develop and implement a Weed and Pest Management Plan.
	5.3.10.1; 5.3.12	QGC will ensure that land access and compensation negotiations will be carried out with affected landholders on a case-by-case basis.
	5.3.11.1	QGC Gas Field operations will not be conducted within areas that cause disturbance to animals at intensive animal-rearing operations without prior negotiation with the landholder or operator. Temporary (less than one week) disturbance may occur during construction activities, but impacts are likely to be minimal. QGC will not enter any intensive animal-rearing areas without consent from the landholder or operator.
	5.3.13.2; 5.3.15.1	QGC will liaise with quarry or mining permit, claim or lease holders to consider overlapping tenure issues.
	5.3.15.2	Where commercially viable quantities of millable timber are identified with DERM, QGC will notify DERM of intent to enter with sufficient time for DERM to arrange for salvage of viable quantities millable timber.
	5.3.17.1	QGC will take appropriate measures to ensure Gas Field activities will be conducted, where practical, to avoid known infrastructure. Parties affected will be consulted to determine the optimal method for avoiding damage, such as appropriate construction techniques.
	5.3.17.4	QGC will not conduct Gas Field activities in interconnector substation zones. The relevant owners/operators will be consulted should Gas Field activities have the potential to interact with interconnector substations.
	5.3.17.5	QGC will identify all private aircraft facilities through consultation with landholders.

Volume	Chapter/Section	Commitment
	5.3.17.5	All QGC Gas Field infrastructure will be located to comply with all aviation safety requirements.
3	**Chapter 6 LAND CONTAMINATION**	
	6.3	QGC will ensure that should any areas of existing contamination be identified during field development works and cannot be avoided, management strategies, as set out in the Draft Environmental Management Plan (EMP) (refer Volume 9), will be implemented.
	6.5 and in Volume 9	QGC will develop implement a Dangerous Goods and Hazardous Substances Management Plan.
	6.5	QGC will implement regular monitoring of surface water, groundwater and Associated Water storages particularly after rainfall.
3	**Chapter 7 TERRESTRIAL ECOLOGY**	
	7.6.1	Infrastructure will be located away from remnant vegetation areas whenever possible. The clearing or disturbance of all EPBC-listed Ecological Communities and Endangered and Of Concern Regional Ecosystems (RE) will be avoided whenever possible.
	7.6.1; 7.6.2.4; 7.7	An offset strategy will be developed and implemented which compensates for all unavoidable clearing of Endangered and Of Concern RE.
	7.6.2, Volume 9	Ecological constraints mapping has been developed so that more stringent environmental conditions can be applied to areas of high conservation value. QGC will access the environmental value of each area that may be potentially disturbed and implement the conditions applicable to that area.
	Volume 9	A Fauna and Flora Management Plan, Weed and Pest Management Plan and Revegetation and Rehabilitation Plan will be implemented.
3	**Chapter 8 AQUATIC ECOLOGY**	
	8.4.1	Ecological constraints mapping has been developed so that more stringent environmental conditions can be applied to areas of high conservation value. QGC will assess the ecological constraints of each area that may be potentially disturbed and implement the conditions applicable to that area.
	8.4.1	QGC will avoid placing water storage facilities in the Lake Broadwater catchment area.
	Volume 9	A Fauna and Flora Management Plan, Weed and Pest Management Plan and Revegetation and Rehabilitation Plan will be implemented.
	8.4.3	An offset strategy will be developed and implemented which compensates for all unavoidable clearing of Endangered and Of Concern RE.

Volume	Chapter/Section	Commitment
3	**Chapter 9 SURFACE WATER RESOURCES**	
	Volume 9	QGC will develop and implement a Soil Erosion and Sediment Control Management Plan for Gas Field activities.
	Volume 9	QGC will develop and implement a Surface Water and Groundwater Management Plan for construction and operations to minimise impacts to Surface Water resources.
	9.6	QGC commits to expanding the existing water monitoring program to monitor potential impacts of the Gas Field activities in the various river catchments and potential impacts from water storage ponds and other infrastructure.
	9.6	QGC will develop and implement a Stormwater Management Plan for infrastructure areas.
3	**Chapter 10 GROUNDWATER**	
	10.4.1	QGC will develop trigger levels for the point at which groundwater impacts may result in the implementation of groundwater management plans.
	10.6.1; Volume 9	QGC will develop and implement a Surface Water and Groundwater Management Plan.
	10.6.2	QGC will develop and implement and groundwater monitoring plan to inform decisions about mitigation measures for potential impacts on groundwater.
3	**Chapter 11 ASSOCIATED WATER**	
	11.3.2	QGC will prepare an Associated Water Management Plan in accordance with the state government CSG Water Policy requirements.
	11.6.3.1	QGC will use, wherever feasible, treated and untreated Associated Water for petroleum activities to minimise the impact on other water sources such as groundwater and river supplies.
	11.10	QGC commits to installing and maintaining appropriate monitoring systems at brine waste disposal sites such as groundwater sampling bores.
	11.11.2.8	QGC commits to further noise studies being conducted to determine the impacts on sensitive receptors within the vicinity of water treatment infrastructure, and implementing the required mitigation measures.
	11.11.2.9	QGC ensures water treatment facility locations will, as far as reasonably practical, be sited to minimise impacts on biodiversity.
	11.12; 11.3.2	QGC will undertake further detailed investigations of Associated Water management options and formulate an Associated Water Management Plan. Investigations will focus on determining the likely impact of beneficial use options on environmental and social values.

Volume	Chapter/Section	Commitment
3	**Chapter 12 AIR**	
	12.4.7; 12.5.2	QGC will further assess cumulative impacts from all emission sources once infrastructure locations have been confirmed.
	12.5.3	If air emissions prove to exceed air quality objectives, QGC will ensure mitigation measures will be implemented to reduce emissions to the prescribed level.
3	**Chapter 13 NOISE AND VIBRATION**	
	13.3.3	QGC is committed to further detailed modeling to determine the impacts on sensitive receptors once infrastructure locations have been selected. This information will be presented as part of the Supplementary EIS.
	13.5.1	Construction activities will be limited to 12 hours per day, 7 days per week, other than for drill rigs, which will operate 24 hours per day. Where construction noise has the potential to impact during night time, affected sensitive receptors will be consulted to determine the best mitigation measures.
	13.5.2.2; 13.5.2.3; 13.5.2.4	QGC is committed to selecting and designing infrastructure using Best Available Techniques (BAT) assessment to minimise noise impacts.
3	**Chapter 14 TRANSPORT**	
	14.3.3.2	QGC is committed to ongoing stakeholder consultation and an extensive awareness program is underway, and will be expanded during the construction phase to ensure that local communities are aware of key transport timings that could affect them.
	14.3.3.2	A Traffic / Transport Management Plan will be developed in consultation with affected communities. Following consultation, QGC will instigate information sessions, publicity and signage to communicate changes in traffic conditions. QGC's Safety Management System to be developed for the Project will have a key focus on the driving and transport issues, and implement a range of requirements for the entire Project and all its contractors.
	14.3.3.3	An inventory of road conditions will be developed, in consultation with the relevant authority, prior to construction commencing.
	14.3.3.4	QGC recognises the importance of preventing the introduction and/or spread of pest species and diseases and will implement management measures at the inception of the Project.
3	**Chapter 15 VISUAL AMENITY**	
	15.6	QGC will incorporate visual amenity and lighting management into infrastructure design.
3	**Chapter 16 WASTE MANAGEMENT**	
	16.6.1; 16.6.3; Volume 9	QGC will develop and implement a comprehensive and robust Waste Management Plan.
	16.6.1	QGC aims to promote best practice of waste management including disposal of waste products both on-site (through appropriate maintenance of waste disposal areas) and off-site

Volume	Chapter/Section	Commitment
		(through awarding waste disposal contracts to suitably licensed contractors).
	16.6.3.2	All waste associated with Gas Field activities will be identified to determine if it is a regulated waste. If a particular waste stream is determined to be a regulated waste, QGC will contract a waste transporter with the appropriate DERM authority to collect and dispose of the waste. All procedures required by DERM will be followed.
3	**Chapter 17 HAZARD AND RISK IDENTIFICATION**	
	17.3	Site-specific hazard identification assessment or study (HAZIDs) will be conducted in the detailed design of the infrastructure causing the hazard. Job hazard analyses will identify and address the site and activity-specific hazards before construction and operations begin.
	17.7.1	QGC is currently developing comprehensive Emergency Response Plans (ERP). ERPs will be developed in consultation with regional emergency service providers including the Queensland Police, Department of Community Safety (formerly the Department of Emergency Services) and Queensland Fire and Rescue Service.
	17.7.2.3	Strategies for site security and access for construction phase of the Project will be developed during the detailed design phase. Security plans will be aligned with emergency response and evacuation planning, law enforcement agencies and prevailing Queensland laws and regulations.
	17.7.2.5	QGC will develop and implement a Fire Risk Management Plan. The management of fire risks will include collaboration with local fire authorities in reducing the fire hazard risk in areas adjacent to static sites and in areas along the gathering line routes which may pose a significant fire risk. The maintenance of fuel-reduced zones around the sites will be a key aspect in reducing the impact of bush and grass fires.

Table 4 Volume 4 Commitments

Volume	Chapter/Section	Commitment
4	**Chapter 2 CLIMATE AND CLIMATE CHANGE**	
	2.1.6	QGC will ensure that pipelines are buried deep enough and adequately weighted down to prevent exposure during flood events or damage as a result of surface erosion from flooding. Pipeline routes will be subject to a visual inspection following significant rainfall or floods to ensure that the pipeline cover and any associated infrastructure is intact and has not been damaged.

Volume	Chapter/Section	Commitment
4	**Chapter 3 TOPOGRAPHY and GEOMORPHOLOGY**	
	3.2	Pipeline routes will be selected to avoid or minimise impacts associated with topographical and geomorphology constraints.
4	**Chapter 4 GEOLOGY AND SOILS**	
	4.4.1; Volume 10	Construction practices that reduce soil erosion and sedimentation will be adopted, and intensive ongoing monitoring of the effectiveness of erosion control measures will be implemented in areas of higher erosion susceptibility. A Soil Erosion and Sediment Control Plan will be developed and implemented.
	4.4.2	Topsoil will be preserved and managed for use in restoration.
	4.4.4	Upon completion of the pipeline construction, temporary access tracks will be closed and rehabilitated to a condition compatible with the surrounding land use unless otherwise agreed with the relevant landholder.
	4.4.5	QGC will undertake revegetation works as soon as practicable after pipeline construction.
	4.4.6	QGC will rehabilitate any disturbance to GQAL as quickly as possible and productivity of the affected land will be returned, as near as is practicable, to its pre-disturbance levels.
4	**Chapter 5 LAND USE AND INFRASTRUCTURE**	
	5.1.1	QGC will agree and document individual access and entry protocols with individual landholders.
	5.2.1	QGC will maintain ongoing landholder negotiations with the aim of achieving a mutually agreed pipeline routes and a fair and reasonable compensation.
	5.2.1	QGC will negotiate with relevant quarry or mining operators to help ensure that the installed pipeline will have limited adverse impacts on future extraction activities and to ensure that extraction activities have no adverse impacts on the integrity of the Pipeline.
	5.2.4	QGC is committed to mitigating any potential adverse affects from co-locating steel pipelines and electrified rail lines. A separation buffer of at least 500 m will be maintained between infrastructures of this type.
	5.2.5	Where commercially viable quantities of millable timber along the pipeline route are identified with DERM, QGC will notify DERM of intent to enter with sufficient time for DERM to arrange for salvage of viable quantities millable timber.

Volume	Chapter/Section	Commitment
	Volume 10	QGC will implement a Weed and Pest Management Plan, Revegetation and Rehabilitation Management Plan and Landscape and Character Maintenance Management Plan.
4	**Chapter 6 LAND CONTAMINATION**	
	6.2	QGC will carry out continued consultation with all landholders prior to construction to determine whether contaminated land is likely to be found within the easement for the Pipeline. QGC will develop site-specific management practices to be implemented if areas of contamination cannot be avoided.
	Volume 10	QGC will develop implement a Soil Contamination Management Plan and a Dangerous Goods and Hazardous Substances Management Plan.
4	**Chapter 7 TERRESTRIAL ECOLOGY**	
	7.4.2; 7.5.2; Volume 10;	QGC will implement a Flora and Fauna Management Plan and Weed and Pest Management Plan. Weed monitoring will occur at least monthly during construction and then quarterly for a period of two years following construction.
	7.5.2	Detailed field investigations of terrestrial ecology will be undertaken of the preferred alignments prior to finalisation of the Pipeline route.
	7.5.2	Clearing of remnant, Endangered or Of Concern vegetation and vegetation near watercourses will be minimised wherever practicable.
	7.5.2	QGC will avoid clearing of remnant vegetation areas for the purposes of siting construction camps and where possible, vehicle access tracks.
	7.5.2	Effective erosion and sediment control structures will be designed, installed and maintained prior to and during construction and operation.
	7.5.2	The treatment and disposal of hydro-test water will be in accordance with the recommendations made in the CSIRO Manufacturing and Infrastructure Technology report (2005).
	7.5.2	The duration that a trench is open and length of trenches will be minimised. Trenches will contain ramps and trench plugs.
	7.5.2	A Revegetation and Rehabilitation Plan will be developed and implemented. Cleared vegetation will be used for rehabilitation purposes.
	7.5.3	QGC will develop an environmental offsets strategy where clearing within areas with high ecological value is unavoidable.

Volume	Chapter/Section	Commitment
4	**Chapter 8 AQUATIC ECOLOGY**	
	8.2.1	QGC will undertake a detailed assessment to confirm the location of any wetland prior to finalisation of Pipeline alignment.
	8.3.1; 8.4.1	Where clearing within wetland communities (i.e. REs 11.1.2, 11.1.4 and 11.3.27) is unavoidable monitoring will be conducted and mitigation measures implemented to minimise potential impacts.
	Volume 10	QGC will implement a Marine Ecology Management Plan to minimise impacts on abundance and distribution of marine flora and fauna as a result of Project activities.
	Volume 10	QGC will implement a Weed and Pest Management Plan that addresses the construction, rehabilitation and operation phases of the Project. The EMP will includes hygiene protocols to minimise the likelihood of introducing and spreading environmental hazards.
	8.3.3	Offsets will be established where clearing is unavoidable within wetland communities. This will be included within the Offset Strategy for the Project.
4	**Chapter 9 SURFACE AND WATER RESOURCE**	
	Volume 10	QGC will develop and implement a Soil Erosion and Sediment Control Plan and a Surface Water and Groundwater Management Plan to prevent sedimentation and pollution of watercourses.
	9.6	Watercourse crossing points and construction methods will be selected to minimise impacts on watercourses
	9.6	QGC will carry out regular monitoring of the watercourse post construction profiles to ensure that rehabilitation works and the stability of the watercourses is at least equal to the pre - construction condition.
4	**Chapter 10 GROUNDWATER**	
	10.6	Management measures will be implemented to avoid or minimise impacts on groundwater from trench dewatering, hydro-test, acid sulfate soils and effluent discharge and management of waste, fuels and chemicals.

Volume	Chapter/Section	Commitment
4	**Chapter 11 AIR**	
	Volume 10	QGC will develop and implement an Air Quality and Dust Management Plan.
	11.1.1	QGC will not exceed air quality objectives as set by company guidelines where these are more stringent than EPP Air guidelines.
	11.1.3	Management measures for areas of high risk of asbestos dust (e.g. rail lines) will be employed to ensure that asbestos particles are not released to the atmosphere.
	11.2.1	Dust management measures including regular watering of tracks, roads and the pipeline routes during dry conditions will be implemented.
4	**Chapter 12 NOISE AND VIBRATION**	
	Volume 10	QGC will implement a Noise and Vibration Management Plan to minimise noise and vibration impacts on surrounding residences and industry.
	12.4.1	Noise mitigation measures will include limiting construction activities near residential areas as far as practicable to between the hours of 7am and 6pm, locating campsites to ensure noise impacts at nearest residences are at an acceptable level and managing vehicle movements and access locations.
	12.4.2.2	Noise mitigation measures for the in-line compressor will include selecting the optimal location and including noise attenuation measures in the selection and design of the compressor.
4	**Chapter 13 TRANSPORT**	
	13.1	QGC will develop and implement a Traffic/ Transport Management Plan.
	13.5.3.1	QGC and its contractors will always have bypass or detour options agreed with the local road manager prior to commencing these crossings.
	13.5.3.1; 13.5.9	All sealed roads and rail lines will be bored, reducing impacts on traffic flow and ensuring no damage to road pavement.
	13.5.3.2	An inventory of road conditions will be developed, in consultation with the relevant authority, prior to construction commencing.
	13.5.3.3; 13.5.3.4 and Volume 10	QGC will develop and implement a Weed and Pest Management Plan and an Air Quality and Dust Management Plan.

Volume	Chapter/Section	Commitment
	13.5.4	Haulage through major population centres (e.g. Gladstone, Toowoomba, Miles) will be via heavy-vehicle detour routes or as otherwise agreed with the appropriate authorities prior to mobilisation through these centres. This will be coordinated by the major haulage contractor(s) appointed to the Project.
	13.5.8	Depending upon the transport method and the routes selected potential exists for the following works to be agreed with DTMR or regional councils: • widening/strengthening of bridge structures • widening of some sections of road • resurfacing of roads • compensation for road pavement impacts
	13.5.9	The Project will liaise with Queensland Rail on the design requirements for all rail crossings. All crossings of rail lines will be bored to minimise impacts. Lower train speeds may be necessary near construction works but there would be no direct interruption to rail transport.
4	**Chapter 14 VISUAL AMENITY**	
	14.7; Volume 10	QGC will incorporate visual amenity and lighting management into infrastructure design.
4	**Chapter 15 WASTE MANAGEMENT**	
	15.3; 15.5; Volume 10	QGC will develop and implement a Waste Management Plan to reduce the amount of wastes generated during construction and commissioning of the Pipeline works.
	15.2	All waste material will be removed from the Right-of-Way (RoW) daily or stored on site in skips which will be removed on a regular basis. Wastes will be disposed of to a facility agreed to by the Local Government Authority (LGA) and in accordance with regulatory waste management guidelines.
	15.5.2	Comprehensive water management schemes will be devised for both camp construction and operations. These schemes will address wastewater. It is expected that segregated and/or treated wastewater may be made available for lower grade use (eg for irrigation). Except for uncontaminated rainwater, wastewater will be treated to an appropriate standard prior to discharge or reuse. All run-off and pump out from facility construction sites will be inspected and, if needed, directed to settling basins to remove suspended solids.

Volume	Chapter/Section	Commitment
4	**Chapter 16 HAZARD AND RISK IDENTIFICATION**	
	16.4	Site-specific Hazard Identification Assessment or Study (HAZIDs) will be conducted in the detailed design of the infrastructure causing the hazard. Prior to construction and operations commencing, job hazard analyses will identify and address the site and activity-specific hazards.
	16.4.2	QGC will undertake a risk assessment of transport routes and will consult with relevant authorities for any upgrades required for high risk areas.
	16.8.2.3	Strategies for site security and access for construction phase of the Project will be developed during the detailed design phase. Security plans will be aligned with emergency response and evacuation planning, law enforcement agencies and prevailing Queensland laws and regulations.
	16.8.2.5	QGC is committed to developing a Fire Risk Management Plan. The management of fire risks will include collaboration with local fire authorities in reducing the fire hazard risk in areas adjacent to static sites and in areas along the Pipeline route which may pose a significant fire risk. The maintenance of fuel-reduced zones around the sites will be a key aspect in reducing the impact of bush and grass fires.
	16.8.1	QGC is currently developing comprehensive Emergency Response Plans. ERPs will be developed in consultation with regional emergency service providers including Queensland Police, Department of Community Safety (formerly the Department of Emergency Services) and Queensland Fire and Rescue Service.

Table 5 Volume 5 Commitments

Volume	Chapter/Section	Commitment
5	**Chapter 2 CLIMATE AND CLIMATE CHANGE**	
	2.2.3	The implications of potential climate change within the lifetime of the QCLNG Project will be taken into consideration in detailed design of the LNG Component.
5	**Chapter 3 TOPOGRAPHY AND GEOMORPHOLOGY**	
	3.3.1 and in Volume 11	QGC will develop a Soil Erosion and Sediment Control Plan prior to commencement of construction and operations.
	3.3.2	The overall acceptability of the site in terms of SPP1/03 (landslide component) will be reassessed to incorporate the results from the detailed geotechnical conditions of the site.

Volume	Chapter/Section	Commitment
5	**Chapter 4 GEOGLOGY AND SOILS**	
	4.3.1 and in Volume 11	QGC will develop a Soil Erosion and Sediment Control Plan prior to commencement of construction and operations.
	4.3.2	Geotechnical investigations relating to Acid Sulfate Soils are ongoing and will inform the Acid Sulfate Soil Management Plan, which will be developed prior to construction.
	4.3.3	Upon decommissioning, QGC will undertake an appropriate assessment of soil contamination levels and develop remediation strategies (as required).
5	**Chapter 5 LAND USE AND INFRASTRUCTURE**	
	5.2.4	The outcomes of the Indigenous cultural heritage clearance surveys will inform the development of Cultural Heritage Management Plans (CHMPs) that will be negotiated between the proponent and the relevant Aboriginal parties.
	5.7.1.1	QGC will conduct community consultation throughout the construction, operations and decommissioning process so that residents are informed of progress.
	5.7.1.3	QGC will consult with mining and exploration companies to determine the preferred strategy to meet current and future land use and infrastructure needs.
5	**Chapter 6 LAND CONTAMINATION**	
	6.3	QGC will implement measures to minimise the potential for soil, groundwater and receiving water contamination. Storage of all fuels and chemicals will comply with relevant legislation.
	Volume 11	QGC will develop and implement a Soil Contamination Management Plan to manage any pre-existing contamination such that the extent of contamination is not exacerbated by Project activities and to ensure no contamination of soils occur as a result of Project activities.
5	**Chapter 7 TERRESTRIAL ECOLOGY**	
	7.9.1; Volume 11	QGC will develop and implement the following plans to minimise the potential impacts during construction and decommissioning, including: • revegetation and rehabilitation plans, sediment management plans; weed management plans; and pollution and storm water runoff management plans; and • a monitoring program of significant target species (Powerful Owl, Squatter Pigeon, Eastern Curlew, Beach-stone Curlew, Yellow-bellied Glider, weeds and feral animals) will be considered, where practicable, to inform future management actions.
	7.9.1.1	QGC will keep clearing to a minimum where practicable outside soil disposal/removal areas, sediment and control areas, firebreak / access road / fence line areas.
	7.9.2.1; Volume 11	QGC will implement control measures outlined in the Terrestrial Ecology Management Plan to minimise impacts on flora and fauna values at the study area.
	7.9.3	QGC will develop an environmental offsets strategy prior to the commencement of the Project.

Volume	Chapter/Section	Commitment
5	**Chapter 8 MARINE ECOLOGY**	
	8.4.1.1; Volume 11	QGC will develop and implement a Marine Ecology Management Plan to minimise impacts on abundance and distribution of marine flora and fauna as a result of Project activities.
	8.4.1.2	QGC proposes the following to minimise the potential impacts from vessel activity : • navigation permitting, vessels will take the most direct route • vessels will minimise unnecessary movements, such as use of thrusters, to avoid sediment disturbance.
	8.4.1.4	Detailed lighting design for the LNG Facility will be done in the most conservative manner consistent with the safety of the plant operators and cognisant of the need to minimise overspill.
	8.4.2.2	Food scraps and putrescible wastes from the LNG Facility will be disposed of onshore and will not therefore be discharged to the marine environment.
	8.4.2.2	Food scraps from vessels will be macerated to a diameter of less than 25 mm prior to overboard disposal. Macerated food scraps will not be discharged within 12 nm (22 km) of land.
	8.4.2.3	QGC will develop and implement Waste Management Plans for the construction, operation and decommissioning phases of the Project.
	8.4.3.2	QGC will develop and implement Effluent Disposal Management Plans for the construction and operation \phases of the Project.
	8.4.4.1; Volume 11	QGC will develop and implement a Dangerous Goods and Hazardous Substances Management plan to protect Project personnel, the public and the environment from harm due to the transport, storage or use of dangerous goods or hazardous substances.
5	**Chapter 9 SURFACE WATER RESOURCES**	
	9.4.4; Volume 11	QGC will develop and implement a site specific Soil Erosion and Sedimentation Control plan and Effluent Disposal plan for construction and operations.
	9.5; Volume 11	QGC will develop and implement a Surface Water Quality Management Plan for construction and operations to minimise potential impacts to surface water resources.
5	**Chapter 10 GROUNDWATER RESOURCES**	
	10.5; Volume 11	QGC will develop and implement a Groundwater Quality Management Plan for construction and operations to protect existing groundwater quality.
	10.5	Groundwater monitoring bores will be installed on the site during the detailed design phase of the Project to provide data on groundwater levels and groundwater quality (pH, electrical conductivity and dissolved metals) on an ongoing basis.

Volume	Chapter/Section	Commitment
5	**Chapter 11 COASTAL ENVIRONMENT**	
	11.5.9; Volume 11	In order to be consistent with the Department of Employment, Economic Development and Innovation (DEEDI) policy Fish Habitat Management Operational Policy (FHMOP) 004, QGC commits to the following: • Consultation with DEEDI in terms of the characterisation of potential impacts on fish habitats from the dredging activity • Compilation of a Marine Ecology Management Plan
	11.5.9; Volume 11	Marine sediments to be dredged will be sampled and analysed in accordance with the National Ocean Disposal Guidelines and SPP for acid sulfate soils to ensure the dredged material is appropriate for marine placement and environmental risks from oxidation of potential acid sulfate materials is negligible.
5	**Chapter 12 AIR QUALITY**	
	12.9.2	QGC will work with relevant authorities, such as CASA, to develop and implement appropriate management measures to address the identified issues associated with vertical plumes, in relation to aviation safety.
	12.9.2; Volume 11	QGC will develop and implement an Air Quality and Dust Management Plan to minimise the impacts on ambient air quality.
5	**Chapter 13 NOISE and VIBRATION**	
	13.5.1; Volume 11	Although no significant noise impacts have been identified, standard management practices will be implemented to minimise noise impacts. QGC will develop and implement a Noise and Vibration Management Plan prior to construction.
	13.5.2	Noise monitoring will be undertaken during start-up of the LNG plant and during early operational stages to validate modelled noise levels at noise sensitive receptors.
5	**Chapter 15 SHIPPING TRANSPORT**	
	15.4.2.1	QGC will work with and enter into appropriate commercial/contractual arrangements with the tug contractor and in consultation with GPC to ensure that adequate tug capacity is provided.
	15.4.2.1; Volume 11	QGC will develop and implement a Shipping Management Plan to minimise the potential impacts associated with shipping traffic. The plan will include ongoing consultation with the Harbour Master and other affected stakeholders regarding the training of tug fleet operators and ship pilots throughout the life of the Project.
5	**Chapter 16 VISUAL AMENITY**	
	Volume 11	QGC will develop and implement a Visual Amenity Management Plan and a Lighting Management Plan to ensure that the LNG Facility and associated infrastructure "remains unobtrusive and compatible with landscape values", as far as practicable.

Volume	Chapter/Section	Commitment
	16.7.4.1	The lighting design will be undertaken using 3D software that permits the use of efficient floodlights aimed to establish lux goals for each unique location. The software enables an iterative design process to be undertaken to establish lighting levels while minimising light visible from outside the plant.
5	**Chapter 17 WASTE MANAGEMENT**	
	17.1.2	Where QGC standards are more stringent than local and national legal requirements for waste management, the QGC standards will take precedence.
	Volume 11	QGC will develop and implement a Waste Management Plan for its construction and operation activities which will address the handling, storage and disposal of solid waste, hazardous waste, wastewater and cleared timber (vegetation waste). Effluent will be addressed in a separate Effluent Disposal Management Plan.
	17.3.3	QGC will evaluate waste transport and disposal contractors to ensure tasks are carried out in accordance with relevant legislation and QGC standards.
	17.3.4	Waste-handling and tracking procedures and required forms to track waste will be developed prior to commencement of construction. Chain of Custody procedures will be in compliance with the requirements of the Environmental Protection (Waste Management) Regulation 2000. As required under this regulation, a waste-tracking system using a computerised data entry system and recording process will be utilised.
	17.4.4	A waste-sorting facility will be established on site in conjunction with licensed waste disposal contractors selected for site waste management during construction and operation.
	17.4.7	During both construction and operational phases, careful consideration will be given to the choice of materials used in the LNG Facility as this can also have an impact on the ultimate volume of waste going to landfill.
	17.5.1	Only waste for which no other practicable and economic use can be identified will go to a landfill, which is the last-resort disposal method.
	17.5.2	Wastewater generation will be minimised by efficient use of raw water.
	17.5.3	The need for hazardous materials, including chemicals and petroleum products will be assessed through all phases of the Project in an effort to eliminate, minimise, or substitute with a less hazardous material.
5	**Chapter 18 HAZARD AND RISK ASSESSMENT**	
	18.5.5.1	Fire, safety and first-aid facility will be located near the control building and will allow occupation by emergency personnel during incidents.
	18.6.1.1	A detailed security risk assessment will be undertaken for the site during the FEED process and levels of security will be discussed and agreed with federal and state authorities.

Volume	Chapter/Section	Commitment
	18.6.1.1, 18.6.3.1; Volume 11	A range of fire prevention and protection measures will be incorporated into the LNG Facility detailed design. QGC will develop and implement a Bushfire Management Plan to outline these measures..
	18.6.1.1	In terms of emergency preparedness, LNG vessels will be covered by emergency isolation and ESD systems while loading .
	18.6.2.3, 18.6.2.4; Volume 11	The Engineering, Procurement and Construction (EPC) contractor will develop emergency response plans covering the construction phase before work begins on site. The EPC contractor will consult Queensland Police, the Queensland Department of Community Safety and the Queensland Ambulance Service when preparing the construction emergency response plan.
	18.6.2.3	A helicopter landing facility will be available during construction and operations as part of the emergency response and evacuation procedure.
	18.6.3, 18.6.3.2	A risk assessment will be conducted to identify the highest risks posed to workers and the public during construction. The assessment will also determine the medical personnel and emergency care facilities required and the response times for medical evacuation by air and by sea. Arrangements with public health authorities or an air ambulance service will be made to transport critically injured patients to an appropriate hospital emergency care department. The modes and methods of transportation have not been evaluated at this time. A clinic will be provided at the camp to provide workers with acute, walk-in care for minor illnesses, injury treatment, examination and screening. Follow-up, referral and routine medical and dental care will probably be outsourced to health providers in Gladstone.

Table 6 Volume 6 Commitments

Volume	Chapter/Section	Commitment
6	**Chapter 1** **IMPACTS OF SWING BASIN AND CHANNEL CONSTRUCTION**	
	1.6.4	QGC undertakes to: • work with GPC on further engineering design and planning for dredging, reclamation and disposal methods • work cooperatively with any other proponents undertaking contemporaneous dredging within the WBSDD Project framework, to ensure that cumulative impacts are effectively managed, and • develop (with GPC if required) a plan for further investigations leading to a Dredging EMP, typical requirements of which are tabulated (in Volume 6, Chapter 1, section 1.6.4).

Table 7 Volume 7 Commitments

Volume	Chapter/Section	Commitment
7	**GREENHOUSE GAS MANAGEMENT**	
	1.2	The Queensland Curtis LNG Project will employ advanced, proven technologies and liquefaction plant design to limit greenhouse gas emissions.
	4.1	QGC will develop a Greenhouse Gas Management Plan (with the aim of minimising energy consumption and greenhouse gas emissions) to comply with legislative, BG Group and Project requirements.
	4.3	The Project will: • quantify emissions of greenhouse gases • identify options to reduce those emissions • document performance standards against which to monitor implementation success.

Table 8 Volume 8 Commitments

Volume	Chapter/Section	Commitment
8	**Chapter 4 SOCIAL IMPACT ASSESSMENT OF GAS FIELDS: WESTERN DOWNS REGIONAL COMMUNITIES**	
	4.4.1.6	A QCLNG Local Employment policy will be developed, including a commitment that QCLNG will work towards maximising the local content of the workforce at all levels and at all stages of the Project, in line with QGC's commitment to maximising benefits for local people.
	4.4.1.6	QGC will invest in local training and skills development programs to build local labour force capacity for the long term.
	4.4.2.2	QGC will work with relevant community organisations and agencies to generate awareness and avenues in the community to co-exist with a workforce that may be of different ethnic origins.
	4.4.3.1	The Project will develop and implement a comprehensive Housing and Accommodation Management Plan and strategy.
	4.4.4	To minimise demand on local primary health services, the Project will provide health care services for workers
	4.4.4	QGC will develop a protocol for medical evacuation arrangements with Queensland Health.
	4.4.4	A QGC Community Development Fund will be established which will support the capacity of local organisations and service providers to maintain quality access to social infrastructure as the population grows.
	4.4.5.1	QGC will provide workers' camps for all non-local workers in the CSG fields during construction. These will be provided in a timely fashion to avoid stress on local housing stock and accommodation supply, with camps approved and developed ahead of worker inflow.
	4.4.5.1	The Project will investigate and implement best practice in the location, provision and management of temporary workers' accommodation camps.

Volume	Chapter/Section	Commitment
	4.4.5.1	The Project will develop a Workers' Accommodation Camp Management Strategy, including Camp Rules and Workers' Code of Conduct to guide and monitor management of all QCLNG camps.
	4.4.5.1	The Project will develop a detailed community relations plan. This will include responsibilities for contractors and subcontractors as well as QGC.
	4.4.5.1	The Project will coordinate with local and regional police and other agencies to ensure activities have minimal impact on local emergency services.
	4.4.5.1	Community liaison personnel will work alongside the construction activities and will ensure the social mitigation measures identified for contractors in this EIS are implemented.
	4.4.5.1	The Project will establish and maintain grievance procedures to ensure community members' concerns are appropriately addressed.
	4.4.5.1	A Transport and Traffic Management plan will be implemented for each component of the Project, including avoiding impacts on sensitive receptors.
	4.4.5.1	The Project will support pedestrian and traffic safety education initiatives through knowledge-sharing and funding.
	4.4.6.1	Project infrastructure facilities will be located with consideration for sensitive receptors. Further assessment of noise impacts will be undertaken as facility locations are determined.
	4.4.6.1	The Project will be transparent on noise monitoring procedures and will make results of noise monitoring available on request.
	4.4.6.4	During detailed Project design, further assessment will be undertaken of potential social impacts of the Gas Field infrastructure facilities on the surrounding communities, and mitigation measures will be identified to manage the impacts.
	4.4.6.4	The Project will avoid locating Gas Field infrastructure near property boundaries to reduce impacts due to interfaces with other uses and avoid impacts on landholders' private roads either through severance or unapproved use.
	4.4.7	Landholders and stakeholders will be consulted early in the planning of activities and will be given a clear and concise description of proposed activities and any likely impact. All property impacts will be managed in accordance with the *Acquisition of Land Act 1967* (Qld) to ensure fair compensation for landholders and proper recourse and protection measures.
	4.4.7	Measures will be taken to minimise disruptions to graziers such as installation of stock crossing points at key locations during construction. Trench breakers and ramps will also be adopted to prevent entrapment of livestock. Grievance procedures will be in place to deal with loss or injury to livestock. Temporary loss of access will be restored after construction activities.
	4.4.7	Consultation will be undertaken with landholders to discuss and further develop methods for minimising impacts. Permanent disruption will be avoided where possible and appropriate compensation negotiations undertaken.

Volume	Chapter/Section	Commitment
	4.4.7	Contractors carrying out the work will be bound by QGC standards and procedures in the way they carry out their actions, and strict compliance will be required as a condition of contracts.
8	**Chapter 5 SOCIAL IMPACT ASSESSMENT FOR THE PIPELINE: BANANA REGIONAL COUNCIL COMMUNITIES**	
	5.3.1.3	The Project intends to contribute towards local employment and retention of young people in the region as much as possible. This will be constrained by labour availability and the fact that only a limited number of companies in Australia can provide the specialised pipeline skills required.
	5.3.4.1; 5.3.5.1	The construction workforce for the Pipeline will be housed in workers camps. The Project will provide health care services within construction camps to minimise impacts on local health services.
	5.3.4.1; 5.3.5.1	The Project will conduct regular consultation with local health and emergency service providers to monitor impacts and implement corrective action where required.
	5.3.5.1	Upon completion of construction, the pipeline corridors will be reinstated with vegetation and grass seed to encourage vegetation re-establishment. This will in turn bind the soil and further reduce dust nuisance.
	5.3.5.1 and in Volumes 9, 10, 11	QGC will develop and implement a Noise and Vibration Management Plan. QGC will liaise with the community to advise the likely duration of noisy activities and, where necessary, undertake particularly noisy activities during periods likely to cause least nuisance to nearby residents.
	5.3.5.1 and in Volumes 9, 10, 11	QGC will develop and implement a Mosquito and Biting Midge Management Plan to undertake Project activities such that potential health impacts on Project personnel and nearby sensitive receptors arising from mosquitoes and biting midges are minimised.
	5.3.5.1 and in Volumes 9, 10, 11	QGC will develop and implement a Waste Management Strategy to minimise waste generation and maximise reuse and recycling of construction waste products, as well as dispose of waste in an appropriate manner.
	5.3.5.1	The Project will monitor access to health facilities for vulnerable people during construction and where necessary, to mitigate Project impacts, take corrective action through supporting local health providers.
	5.3.5.1	The interaction of haulage traffic times and school bus pick-up and drop off times will be assessed and monitored to minimise disruptions and avoid safety risks to children.
	5.3.5.1	There will be a zero tolerance of alcohol consumption during working hours.
	5.3.5.1	The Project will develop a detailed community relations plan. This will include responsibilities falling on the Engineering, Procurement and Construction (EPC) contractor, and sub-contractors as well as QGC.

Volume	Chapter/Section	Commitment
	5.3.5.1	The Project will coordinate with the Police and other agencies to ensure activities have minimal impact on the local population. Community liaison personnel will work alongside the construction activities to ensure the social mitigation measures outlined in this EIS are implemented.
	5.3.5.1	In the event a community member wishes to make a complaint, a formal procedure will record and address their concern. Details of the procedure, including contact details, will be distributed at community meetings and via leaflets and posters. There will be a free telephone hotline for contacting the Project.
	5.3.5.1 and in Volumes 9, 10, 11	QGC will develop and implement a Traffic/ Transport Management plan to minimise as much as practicable potential impacts associated with traffic generated by the Project.
	5.3.5.1	Support pedestrian and traffic safety education initiatives through knowledge-sharing and funding.
	5.3.5.1	Adequate safety zones will be established for all pipeline infrastructure. All construction activities will be signposted and managed such that entrance to sites is prevented.
	5.3.5.1	The time between stringing and burial of the pipe will be minimised.
	5.3.5.1	Trench breakers, ramps and stock crossing points will be installed at key locations.
	5.3.5.1	The community relations plan will include a grievance procedure that will ensure any community concerns will be recognised and addressed quickly.
	5.3.5.2	All land and property issues will be managed in accordance with the Queensland *Acquisition of Land Act 1967* and BG Group's Business Principles to ensure fair compensation for landholders and proper recourse and protection measures.
	5.3.5.2	Landholders will be consulted individually and compensated based on negotiations.
	5.3.6.2	Measures such as markers and easement agreements will be used to protect the Pipeline while minimising disturbance and restrictions to land users.
	5.3.6.2	Access to RoW will be restricted to activities essential to continued operation of the pipeline and protection of the local environment. The pipeline RoW will not be used as a general thoroughfare.
	5.3.6.2	Access to the pipeline RoW will be provided, where possible, through use of existing roads/tracks.
	5.3.6.2	Public access to the pipeline RoW will be restricted through constructing physical barriers such as fences and erecting signs.
	5.3.7.1	Bypass or detour options agreed with the local authorities will be put in place prior to commencement of local road crossings in the construction of the pipeline. Road crossings will be planned to take place outside peak periods to minimise disruption.

Volume	Chapter/Section	Commitment
	5.3.7.1	A road use management plan will be implemented which addresses the use of warning and restriction signs and coordination of traffic movement.
	5.3.7.1	Open-cut construction in road reserves will be reinstated to the satisfaction of local authorities.
8	**Chapter 6 SOCIAL IMPACT ASSESSMENT FOR THE LNG PLANT: GLADSTONE REGIONAL COMMUNITIES**	
	6.4.1.9	The Project will maximise local employment.
	6.4.1.9	The Project will consult with the Gladstone Area Promotion and Development Limited (GADPL) to identify strategies to support Gladstone businesses.
	6.4.2.6	Project will undertake regular analysis of employment levels, and undertake early engagement with local labour pools, training providers and educational facilities to enhance the relevant skills base locally.
	6.4.2.6	The Project will offer allocations through the QGC Community Development Fund to family support programs, enterprise development for indigenous groups, sporting groups, and community groups to increase the capacity of their programs.
	6.4.3.10	A Housing and Accommodation Management Plan will be developed, monitored and regularly reviewed.
	6.4.3.10	The Project will monitor housing supply and demand and invest in dwellings for rental to Project staff if vacancy rates are low.
	6.4.4.4	The Project will establish the QGC Community Development Program to achieve improvements to social infrastructure capacity in Gladstone.
	6.4.5.1	The Project will be transparent about air emissions standards and monitoring procedures, ensuring that the community has access to monitoring data and understands the activities.
	6.4.5.1	The Project will develop a Workers' Accommodation Camp Management Strategy, including Camp Rules and Workers' Code of Conduct to guide and monitor management of all QCLNG camps.
	6.4.5.1	The proposed workers' camp for the LNG Facility will be a closed camp. Recreational facilities will be provided within the camp. Non-employees will not be allowed into the camp.
	6.4.5.1 and Volumes 9, 10, 11	QGC will develop and implement a Traffic/ Transport Management Plan prior to construction and operation to minimise as much as practicable potential impacts associated with traffic generated by the Project.
	6.4.5.1	The Project will undertake a road safety awareness education initiative around Gladstone. This initiative will be designed in consultation with the relevant authorities, but is likely to be focused on the most sensitive receptors, such as schools and hospitals, as well as the most at-risk groups, such as school children and cyclists.
	6.4.5.1	QGC will develop and implement a system of health management for workers.

Volume	Chapter/Section	Commitment
	6.4.5.1	A health risk management program will be implemented. This is based on a health risk assessment, from which a health surveillance program will be developed and a health risk control plan will be implemented.
	6.4.7.4 and Volume 11	QGC will develop and implement a Shipping Transport Management plan to ensure the recreational values and safety of Gladstone Harbour is protected.
	6.4.7.4	The Project will develop a detailed community relations plan. This will include responsibilities falling on the EPC contractor, subcontractors and QGC.
	6.4.7.4	Community liaison personnel will work alongside the construction activities and will ensure the social mitigation measures outlined in this EIS are implemented.
8	**Chapter 7 SOCIAL IMPACT ASSESSMENT - INDIGENOUS COMMUNITIES**	
	7.5	QGC is committed to a life-of-project benefits package that addresses the concerns and development priorities of indigenous communities.
		QGC is committed to implement a targeted indigenous employment and training program.
		QGC is committed to implement a program to assist Aboriginal groups to build capacity and skills for management of business and services.
		QGC is committed to the specific measures to address indigenous affairs in the Project's mitigation and management approach.
		QGC is committed to targeted cultural awareness programs.
		QGC is committed to ongoing engagement forums.
8	**Chapter 8 SOCIAL IMPACT MITIGATION AND MANAGEMENT FOR THE QCLNG PROJECT AREA**	
	8	• QGC will enable participation of young people, Indigenous people and women. • QGC will maximize employment and enterprise opportunities for Indigenous people. • QGC will incubate Indigenous micro business.
	8	Community satisfaction with environmental management will be monitored.
	8	QGC will maintain a focus on protection of recreational and commercial boating.
	8	The Project will develop consultative relationships with key social infrastructure providers.
	8	QGC will invest in the development of a facility for young people in Gladstone.
	8	QGC will monitor QCLNG's impacts on social infrastructure.

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	8	QGC will develop and implement a Marine Transport Management Plan.
	8	QGC will initiate a partnership with health and medical stakeholders to increase capacity of general practitioner services in the Gas Field.
	8	QGC will invest in initiatives to support science students.
8	**Chapter 9 CULTURAL HERITAGE IMPACT ASSESSMENT**	
	9.2.5	The Project will carry out consultation with indigenous Traditional Owners and all cultural heritage compliance procedures required by the *ACH Act*, to identify cultural heritage sites and values and determine strategies to protect significant sites and their values.
	9.2.5	Site walkovers with representatives from relevant Aboriginal groups will be undertaken .
	9.2.5	Full observance and beyond compliance approach to *ACH Act* requirements will be taken.
	9.2.5	The Project will ensure cultural heritage component in induction to ensure knowledge of identification of sites, and process in terms of notification.
	9.2.5	Processes for salvage of indigenous artifacts identified during the construction process will be in accordance with the CHMP.
	9.2.5	The Project will maintain buffer area around places of known heritage significance with appropriate signage.
	9.2.5	Relocation and archival recording of places and items of non indigenous heritage will be undertaken if impacted by the Project activities.
	9.2.5	Consultation with local historical museums and historical societies will be undertaken regarding accessioning items of moveable heritage unable to be avoided by development works.
8	**Annex 8.3 SOCIAL IMPACTS OF SWING BASIN AND SHIPPING CHANNEL CONSTRUCTION**	
	8-3.1.1	QGC will undertake a detailed survey of marine usage of the harbour areas near the LNG Facility to support future planning and impact management.
	8-3.1.5.1	QGC will undertake consultation with the Gladstone Harbour Master, Marine Safety Queensland and Volunteer Marine Rescue regarding safety management, to develop detailed strategies which ensure safety for other harbour users.
	8-3.1.5.1	QGC will conduct community education and awareness campaigns about safety and safety management relating to dredging.
	8-3.1.5.1	QGC will ensure that dredge operators are trained so that dredging activities are carried out in recognition of local marine uses and with respect to the community values associated with fishing and boat access.

Volume	Chapter/Section	Commitment
	8-3.1.5.1	The dredging workforce will comply with standards of Conduct in relation to behaviour in public spaces and during recreational activities.
	8-3.1.5.1	QGC will regularly report on environmental and social data collected in relation to dredging activities.
	8-3.1.5.1	QGC will carry out consultation with boating, sailing, fishing and environmental groups regarding existing community use, to identify and where possible avoid key activity periods and routes
	8-3.1.5.2	QGC will carry out consultation with Traditional Owners regarding areas of cultural significance and to develop a mutual understanding of shared and separate values attached to dredging and the area in which it will occur.
	8-3.1.5.2	Dredging activities will be carried out in observance of the *Aboriginal Cultural Heritage Act 2003* provisions with respect to cultural heritage management
	8-3.1.5.2	QGC will develop cultural heritage clearance procedures, for physical or material cultural heritage.

Table 9 Volume 12 Commitments

Volume	Chapter/Section	Commitment
12	**STAKEHOLDER CONSULTATIONS**	
	3.3	Stakeholder engagement will be ongoing through the life of the Project.
	3.3	QGC will establish a field office in the Western Downs region in the near future.
	7	QCLNG will implement a community feedback procedure throughout the Project development, construction and operation phases of QCLNG. This feedback procedure will capture both positive and negative input (i.e. grievances) and detail the process in which all feedback must be handled.
	8	The Project will provide and implement a comprehensive community engagement program, including: • Land Owner Relationships Strategy, • Gladstone Region Community Relations Plan, • Dalby Region Community Relations Plan, • Indigenous Peoples Engagement Plan, • Community Participation in Monitoring; and • Community Enquiries and Complaints Process.