



HEYTESBURY UNDERGROUND GAS STORAGE PROJECT (HUGS)

PIPELINE CONSULTATION PLAN

UGS-ZP-0006

Rev 2

UNCONTROLLED WHEN PRINTED

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1. ABBREVIATIONS, TERMS, DEFINITIONS AND ACRONYMS

Abbreviation or Term	Description
APGA	Australian Pipelines and Gas Association
CEMP	Construction Environmental Management Plan
CHMP	Cultural Heritage Management Plan
CSMP	Construction Safety Management Plan
DN	Nominal Diameter
DELWP	Department of Environment, Land, Water and Planning
DJPR	Department of Jobs, Precincts and Regions
ERR	Earth Resources Regulation
ESV	Energy Safe Victoria
FAQ	Frequently Asked Questions
HDD	Horizontal Directional Drilling
HSE	Health, Safety and Environment
HUGS	Heytesbury Underground Gas Storage
IAP2	International Association for Public Participation
IGP	Iona Gas Plant
km	Kilometre
MFCT	Mylor, Fenton Creek and Tregony gas fields
NPPS	North Paaratte Production Station
PCP	Pipeline Consultation Plan
PMP	Property Management Plan
PPL	Petroleum Production Licence
ROW	Right of Way
SMS	Safety Management Study
UGS	Underground Gas Storage

Table 1: Acronyms

Abbreviation or Term	Definition
AS 2885	Refers to the Australian Standard for Pipelines - gas and liquid petroleum. AS 2885 specifies requirements for design and construction of onshore carbon and carbon-manganese steel pipeline systems that are used to transport single- and multi-phase hydrocarbon fluids, such as natural and manufactured gas, liquefied petroleum gas, natural gasoline, crude oil, natural gas liquids and liquid petroleum products.
Landowners	The owner of the land, as per the registered title, that is affected by the proposed HUGS pipeline.
Lochard Energy	Lochard Energy (Iona Operations) Pty Ltd ACN 608 441 729 as Trustee for the Lochard Energy (Iona Operations) Trust (Lochard Energy)
Near- neighbours	Refers to all nearby residents adjacent to the project area.
Occupier	A lessee or licensee of land who is occupying the land but is not the landowner and is affected by the proposed HUGS pipeline.
Proponent	The entity who is applying for a licence to construct and operate a pipeline.
Safety Management Study (SMS)	A study that applies the safety principles to the design, construction and operation of a licensed pipeline (as per AS/NZS 2885).
Petroleum Act	Refers to the Victorian Petroleum Act 1998
Petroleum Regulations	Refers to the Victorian Petroleum Regulations 2021
Pipelines Act	Refers to the Victorian Pipelines Act 2005.
Pipelines Regulations	Refers to the Victorian Pipelines Regulations 2017.

Table 2: Definitions

2. ACKNOWLEDGEMENT OF COUNTRY

Lochard Energy acknowledges the Eastern Maar People as the Traditional Owners of the land on which the HUGS Pipeline is proposed.

3. INTRODUCTION

3.1 ABOUT LOCHARD ENERGY

Lochard Energy is the proponent of the Heytesbury Underground Gas Storage (HUGS) Project and HUGS Pipeline.

Lochard Energy is headquartered in Southbank, Victoria, and is the owner and Operator of the Iona Gas Storage Facility (IGSF) near Port Campbell, Victoria. The IGSF is a gas processing and compression plant connected to a series of underground gas storage reservoirs. It comprises the following infrastructure:

- The Iona Gas Plant (IGP) and associated wells;
- Wellsites at North Paaratte and Wallaby Creek and a Gathering Line hub at North Paaratte Production Station (NPPS);
- A Gathering Line network comprising:
 - DN300 NPPS – IGP Gathering Line;
 - DN300 Wallaby Creek to NPPS Gathering Line;
 - DN150 North Paaratte wellsite to NPPS Gathering Line.

The facilities use depleted natural gas reservoirs to store gas for use in periods of high gas demand. Commissioned in 1999, the IGP is a key gas supplier to Victorian and South Australian gas markets as well as the nearby Mortlake Power Station.

3.2 PROJECT OVERVIEW

The aim of the proposed HUGS Project is to increase the underground gas storage capacity of the IGSF through the development of existing Heytesbury depleted gas. Subsurface studies are ongoing however the development could result in 3-4 PJ of additional storage volume depending on the number of fields included. The final upgrade could therefore deliver up to a 17% increase in the storage capacity of the IGSF (current storage is approximately 23.5 PJ). By increasing this capacity, Lochard Energy will be able to flexibly provide more gas during periods of high gas and energy demand, helping to ensure a secure gas supply for the Victorian energy market.

The development concept is for a new wellsite which can access all three of Mylor (PPL4), Fenton Creek (PPL4) and Tregony (PPL7) fields. This site is referred to as the MFCT wellsite.

It should be noted that wellsite location is not yet finalised and are subject to further studies and landowner/occupier agreement.

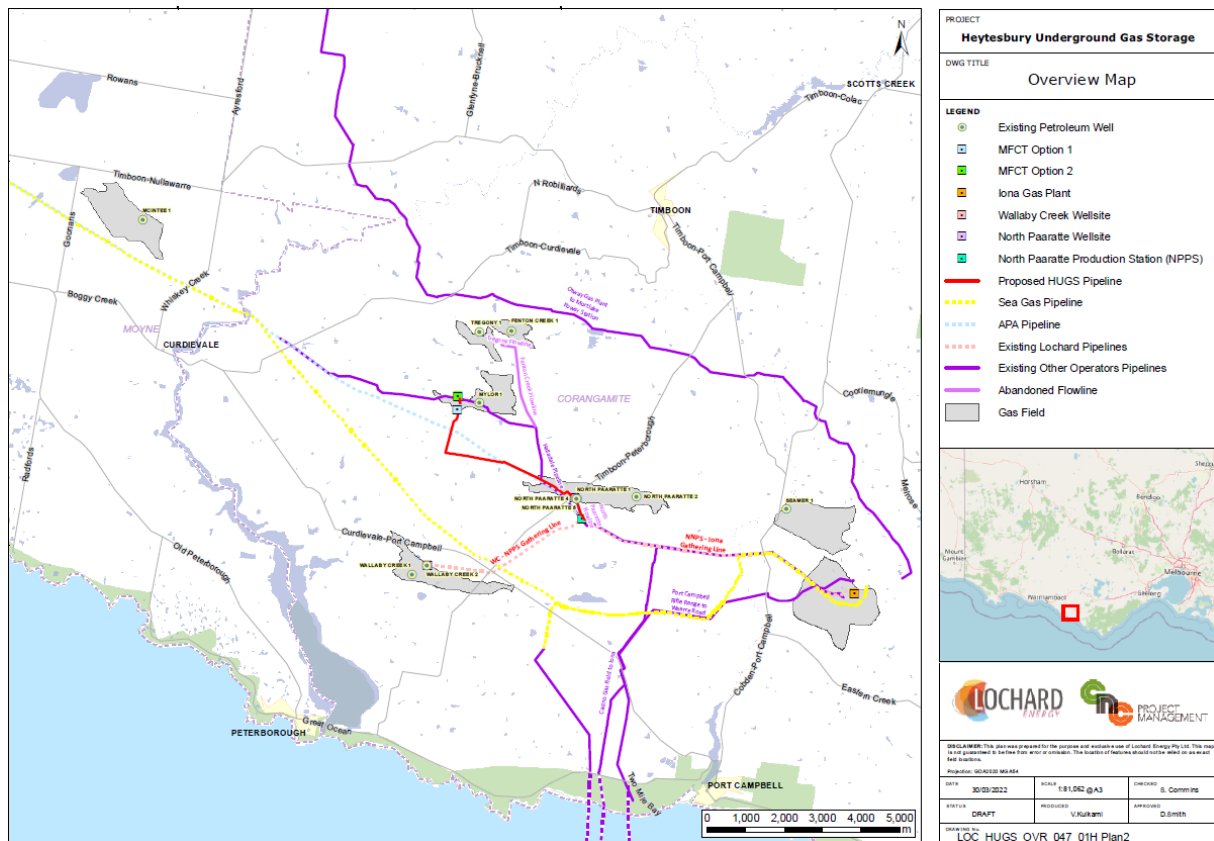


Figure 1: HUGS Project location and existing pipelines and infrastructure

The proposed HUGS Pipeline is required to transport gas to and from the proposed new wellsite. The HUGS pipeline will be an extension to the existing pipeline network from NPPS.

The preferred HUGS Pipeline route will result in a 5.5 - 6.5 km 250-300mm nominal diameter underground pipeline that will run from NPPS to MFCT. The HUGS pipeline will then connect into the existing NPPS – Iona DN300 gathering line.

The HUGS Pipeline will be bidirectional, which allows gas to be injected into wells for storage, and then from the wells to Iona for reprocessing and export.

3.3 PROPOSED PIPELINE ROUTE

Lochard Energy has undertaken desktop and some site investigations from inside Lochard operated facilities and publicly accessible locations to determine the preferred pipeline route for the HUGS Pipeline. More detailed on-the-ground surveys will be undertaken post approval of this PCP.

Overall, the constraints analysis for the selection of the preferred pipeline route considered the following factors:

- Environmental and cultural heritage sensitivities;
- Land use and number of potentially affected landowners;
- Existing easement and gas infrastructure;
- Pipeline length;

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PROJECT
Heytesbury Underground Gas Storage

DWG TITLE
Overview Map

LEGEND

- MFCT Locations
- North Paarlatte Production Station (NPPS)
- MFCT - Option 1
- MFCT - Option 2

MFCT Locations

- MFCT - Option 1
- MFCT - Option 2

0 500 1000m

Warrumbungle Teralga Cuddega Paarlatte Production Station

LOCHARD **PROJECT MANAGEMENT**

DISCLAIMER: This plan was prepared for the purpose and exclusive use of Lochard Energy Pty Ltd. This map is not a guarantee of the accuracy of the information shown. The location of features should not be relied on as exact.

DATE: 24/02/2022 SCALE: 1:10,000 @ A3 DRAWN: M.Yehend

STATUS: DRAFT REVISION: 1/14/2021 APPROVED: D.Smith

LOC HUGS_OVR_048_01C Overview Map

The proposed pipeline route to MFCT from NPPS was considered favourable to the alternative of the extension from the existing Wallaby Creek wellsite primarily for operational reasons. The proposed route will debottleneck flow from existing North Paaratte wells that are currently constrained by the existing DN150 gathering line that currently connects these wells to the existing gathering line network back to the Iona Gas Plant.

The exact alignment for the preferred pipeline route is not yet finalised. The final alignment will be further developed in consultation with landowners, occupiers and other stakeholders who may be impacted by the proposed route through further on-the-ground and desktop environmental surveys.

3.4 PROPOSED TIMING

The timing for the key activities of the proposed HUGS Pipeline is outlined in Tables 3 and 4. The timeline is subject to negotiation with landowners and occupiers, regulatory approvals and market requirements. There is potential that the delivery date of the project could be deferred by 1 year to meet the requirements of the market and construction could potentially be delayed to period from October 2024 – April 2025.

Table 3: Overall project key dates

Year	Month	Activity
2021	April - December	HUGS subsurface and surface facilities concept phase studies and wellsite tenure and approvals
2022	January – May	Extended concept phase studies (Further studies required ahead of Develop Phase Gate)
	May	Develop Phase Gate (internal approval gate)
	June - November	Front End Engineering Design (FEED) for pipelines, wellsites and drilling Tendering of long lead items
	December	Final Investment Decision Commence 'Phase 3 – Execution' stage
2023	January	Commence detailed design Issue purchase orders for Long Lead Items
	February - April	Well pad construction for drilling (Fair weather window required for construction)
	October	Commence well site civil/mechanical construction
	October	Commence pipeline works
	December	Commence drilling of gas storage well(s)
2024	March	Complete drilling
	April	Complete pipeline works
	June	Complete construction of well sites
	April - July	Pre-commissioning and commissioning
	July	Practical completion

Table 4: Pipeline approvals key dates

Year	Month	Activity	Purpose/comments
2022	March - April	Submit Pipeline Consultation Plan (PCP)	DELWP review period 21 days
	April	Issue Notice of Intent to enter land for survey (S19)	Requires PCP approval from DELWP
	May - June	Property valuations	To support land access negotiations
	August	Issue notice of Notice of Pipeline Corridor (S27)	Once route selection studies are completed
	May - December	HUGS Pipeline landowner and occupier negotiations for land access	Land negotiations for the purpose of easement acquisition and licence obtainment.
	May - December	Pipeline field surveys (flora/fauna, geotech, topographic)	Required inputs to CEMP and Design
	May - December	Cultural Heritage surveys and plan development	CHMP required for pipeline license
	May - December	Negotiate access with third-party access owners	Proposed route will cross existing infrastructure
	November	Submit pipeline licence application (S28) and notice of application (s32) to project stakeholders	
	November - December	Stakeholder review of licence application	
2023	January - February	Amend PLA based on stakeholder feedback and respond to submissions	Address any pending commentary
	February	CHMP approved	
	March	Request Minister for Energy, Environment and Climate Change to make determination on pipeline licence (s37)	
	March – May	Pipeline licence review and approval	Duration affected by whether a panel is appointed by the Minister

Year	Month	Activity	Purpose/comments
			for Energy, Environment and Climate Change
	September	Consent to construct	
	October	Commence pipeline works	Contingent on fair-weather window.
2024	April	Complete pipeline works	
	May/June	Pipeline Consent to Operate granted	

4. PURPOSE OF THE PCP

4.1 GENERAL

This Pipeline Consultation Plan (PCP) has been developed to provide a comprehensive overview of how Lochard Energy intends to consult with impacted landowners, occupiers, stakeholders and the broader public regarding the proposed HUGS Pipeline. Consultation related to the development of the HUGS Project wellsite is outside the scope of this plan.

This PCP has been developed in the context of relevant Victorian legislation and aims to meet the minimum regulatory requirements for consultation as set out in the Victorian Pipelines Act 2005 (the Pipelines Act) and the Pipelines Regulations 2017.

This PCP also reflects industry best practice and has been prepared in line with the research and resources provided by the International Association of Public Participation (iap2.org), the Next Generation Engagement Program (nextgenengagement.org) and the Australian Pipelines and Gas Association's Guidelines for Stakeholder Engagement 2015 (apga.org).

5. CONSULTATION APPROACH

Lochard Energy acknowledges the role of effective consultation and its critical relationship with its social licence to operate in the community.

Lochard Energy has developed consultation principles for the proposed HUGS Pipeline that align with its corporate commitment to operational excellence, customer outcomes and an outstanding safety culture.

Lochard Energy is a solid business partner and dependable member of the community. Lochard Energy's professional conduct and that of its project contractors is guided by principles of integrity and performance which are underpinned by its six key values:

1. Safety first;
2. Operationally outstanding;
3. Customer focused;

4. United team;
5. Trust;
6. Leadership.

5.1 CONSULTATION PRINCIPLES

Lochard Energy has developed a set of consultation principles for the proposed HUGS Pipeline. These principles are outlined in Table 5 and detail Lochard Energy's practical approach to effective communication and stakeholder engagement.

Table 5: Consultation Principles

Principle	Approach
Be proactive	Proactive identification of issues of interest and/or concern to stakeholders and the community will lead to early resolution of any issues. Early identification of issues and concerns held by stakeholders, landowners and/or occupiers and the broader public will assist Lochard in developing appropriate communications and information, and will minimise the risk of misinformation and the potential for adverse outcomes. Lochard has an experienced team that has undertaken extensive upgrade work including new pipelines and will apply learnings from these projects in the development of the HUGS Pipeline.
Act with integrity	Honouring commitments made to stakeholder groups and community is essential in building and maintaining trust and protecting Lochard Energy's reputation in the region. In the unlikely event that Lochard Energy is unable to honour a particular commitment, it will provide a timely and valid explanation to relevant the landowners, occupiers, stakeholders and/or the broader community.
Maintain transparency	Adopt a 'no surprises' approach with all stakeholders. This involves early and fulsome engagement with regulatory stakeholders to understand their expectations and to keep them abreast of the progress and development of this Project. Lochard Energy will also maintain regular communication with stakeholders to keep them informed and to provide channels for feedback.
Quality systems and reporting	Establish systems and processes that will meet the high standards expected by the relevant regulators. Systems and processes must demonstrate that adequate consultation has been undertaken by Lochard Energy, this involves keeping comprehensive records of all stakeholder interactions.
Timeliness and responsiveness	Responses to enquiries and submissions are made within a reasonable timeframe to meet expectations by landowners,

Principle	Approach
	<p>occupiers, stakeholders and the broader public and to fulfil Lochard Energy's consultation principles as a customer-focused and open proponent. This will also provide Lochard Energy with the best opportunity of managing and containing potential issues that may risk the progression of the HUGS Pipeline and Lochard Energy's reputation.</p> <p>Further detail on the response process and timing guidelines for the HUGS Pipeline is provided in Section 8.2.</p>

5.2 AUDIENCE PROFILE

The proposed HUGS Pipeline route involves 10 parcels of land, with up to 7 impacted landowners in total (noting some landowners own more than one parcel of land in the proposed route). Table 6 provides a breakdown of the number of landowners impacted by the two HUGS Pipeline alternatives.

Table 6: Number of landowners

Section	Number of Landowners
NPPS – MFCT (option 1)	6
NPPS – MFCT (option 2)	7

Lochard Energy has existing relationships with some landowners within this group. It is understood that each individual within this group has English as the primary language spoken.

Broadly, the 2016 Census data for Port Campbell, the township closest to the project area, illustrates that:

- 81.7% of people only spoke English at home. The only other response for language spoken at home was French (0.9%).
- The most common ancestries in Port Campbell were Australian 28.7%, English 24.8%, Scottish 10.9%, Irish 10.7% and Italian 3.3%.
- Aboriginal and/or Torres Strait Island people represent 1.1% of the population.

5.3 CONSULTATION METHODS

Lochard Energy will conduct consultation activities with impacted landowners, occupiers, stakeholders and the broader public in a clear and concise manner, using plain English and, where possible, will minimise the use of technical language.

Table 7 outlines an illustrative list of the methods and tools with which Lochard Energy proposes to use when consulting with landowners, occupiers, stakeholders and the broader public. This list is not a detailed list and further communication methods may be added as the project's planning progresses.

Table 7: Communication methods

Communication Method	Description	Stakeholders
Face-to-face meetings	<p>Face-to-face meetings will be conducted by project personnel, including a dedicated Landowner Liaison Officer, to inform landowners and occupiers about project developments, obtain feedback and engage with stakeholders.</p> <p>Lochard Energy will comply with all public health orders or personal preference should face-to-face meetings be restricted. If so, a suitable alternative arrangement will be made (including Zoom or phone call).</p>	<p>Landowners and occupiers</p> <p>Stakeholders and public (if requested)</p>
Phone and email	<p>The direct phone and email details of the Landowner Liaison Officer will be provided to all landowners and occupiers.</p> <p>A HUGS Project phone number will also be available. These details will be provided publicly via the Lochard website.</p> <p>Phone: 1800 848 879</p> <p>Email: mailto:info@lochardenergy.com.au</p>	<p>Landowners and occupiers</p> <p>Stakeholders and public (if requested)</p>
Fact sheets	<p>Fact sheets will be prepared for the HUGS Pipeline. These include:</p> <ul style="list-style-type: none"> • HUGS Pipeline project Fact Sheet (Appendix B); • Pipeline construction process (Appendix C); • Regulatory approvals overview (Appendix D); and • Frequently Asked Questions (FAQ's) (Appendix G). <p>These fact sheets will be provided in printed format to impacted landowners and occupiers and sent to any other party should they be requested.</p> <p>Visual maps and diagrams will be included on fact sheets to assist in communicating the impacts of the proposed HUGS pipeline.</p>	<p>Landowners and occupiers (provided)</p> <p>Stakeholders, public and media (available on website and printed and posted/delivered if requested)</p>

Communication Method	Description	Stakeholders
PCP	A copy (printed or digital) of the approved Pipeline Consultation Plan will be offered during consultation with landowners and occupiers and provided to any landowner, occupier, stakeholder or member of the public if requested.	All stakeholders
Letters and notices	Formal project communications including letters and notices will be emailed or posted via registered post to relevant parties based on individual consultation preference.	Landowners and occupiers
Website	Fact sheets and other project information will be provided on the Lochard Energy website including this Consultation Plan. https://www.lochardenergy.com.au/our-projects/	All stakeholders

5.4 CONSULTATION IN COVID-19

Lochard Energy is aware of the impact that the COVID-19 pandemic has played on consultation activities for major projects. Research demonstrates that COVID-19 has impacted the manner in which consultation on infrastructure delivery is preferred by Australian communities.

As a result, additional consideration will be given to communications that may be preferred to be received digitally or through other online channels i.e. Zoom meetings.

Lochard Energy will comply with all public health orders and restrictions in line with Victorian government regulations and Lochard Energy's corporate HSE policies.

5.5 ESTABLISHING CONSULTATION WITH LANDOWNERS AND OCCUPIERS

Lochard Energy is committed to conducting face-to-face consultation for the HUGS Pipeline, either in person or via Zoom in line with landowner and occupier preferences and any public health orders that may be present at that time.

Lochard Energy recognises that face-to-face consultation with landowners and occupiers is an effective consultation method for this stakeholder group, facilitating a clear line of communication and encouraging active engagement on the project.

Lochard Energy will maintain a single point of contact for each landowner and occupier throughout the consultation process.

Initial consultation and introduction of the HUGS Pipeline will be undertaken by the Lochard Energy Regulatory Approvals Manager or Project Manager with the Landowner Liaison Officer. Following this initial consultation, the Landowner Liaison Officer will be the primary representative and contact for landowners and occupiers for the duration of the pipeline's construction and rehabilitation period.

All consultation with impacted landowners and occupiers will be recorded in the project Stakeholder Engagement Register and/or consultation software.

More information on this process can be found in Section 7 of this document.

5.6 STAKEHOLDER IDENTIFICATION

Lochard Energy has been an active member of the Port Campbell community through its operatorship of the Iona Gas Plant and holds existing relationships with many stakeholders identified as being relevant to the proposed HUGS Pipeline.

Table 8 provides an illustrative list of key stakeholder groups identified as being relevant to the proposed HUGS Pipeline. This list is not a detailed list and further groups and individuals will be included as the project's planning progresses.

Table 8: HUGS Pipeline Key Stakeholders

Stakeholder Group	Stakeholder	Detail
Government and authorities	Regulatory bodies	Victorian Department of Jobs Precincts and Regions (DJPR) Victorian Department of Environment, Land, Water and Planning (DELWP) Earth Resources Regulation (ERR) Energy Safe Victoria (ESV) Environment Protection Authority (Victoria)
	Local government	Corangamite Shire Council
	State Government	Victorian Minister for Energy, Environment and Climate Change Victorian Minister for Local Government Victorian Minister for Roads and Road Safety Victorian Minister for Resources Victorian Minister for Planning Victorian Chief Scientist (via DJPR)

Stakeholder Group	Stakeholder	Detail
	Agencies and authorities	Corangamite Catchment Management Authority Wannon Water Southern Rural Water VicRoads WorkSafe
	Elected representatives	Federal Member for Wannon State Member for Polwarth
	Cultural Heritage and Native Title	Eastern Maar Aboriginal Corporation
Landowners and occupiers	Landowners and occupiers	Landowners and occupiers directly and indirectly impacted by pipeline construction and operation.
		Neighbouring landowners with an interest in construction impacts.
Service providers and asset owners	Utilities and services	SP Ausnet Telstra NBN Powercor
	Neighbouring asset owners and operators	Beach Energy APA Group SEA Gas
	Emergency services	Ambulance Victoria Victoria Police Country Fire Authority
Community, businesses, and farmers	Appointed community group	Community Liaison Committee (formal community group convened by Lochard Energy)
	Community groups	Nullawarre Inc Port Campbell Community Group Port Campbell Progress Group Timboon Action Group
	Conservation groups	Environment Victoria Victorian National Parks Association

Stakeholder Group	Stakeholder	Detail
		Heytesbury and Districts Landcare Network Sustainable Agriculture and Communities Alliance The Wilderness Society
	Businesses and farmers	Local farmers Tourism operators Victorian Farmers Federation
	Community and public	People living within the area who may be impacted by increased noise, dust or traffic Local community with an interest in the project Tourists and visitors to the area
Media	Broadcast	TV and radio
	Print	Local newspapers
	Digital	News websites and social media

6. INFORMATION AND NOTICES FOR LANDOWNERS AND OCCUPIERS

6.1 GENERAL

Lochard Energy is committed to developing and maintaining positive relationships with impacted landowners, occupiers, stakeholders and the broader public.

The effectiveness of Lochard Energy's consultation process is dependent on effective collation and dissemination of information. In particular this will be made available to impacted landowners and occupiers using a range of communication methods aimed at keeping those landowners and occupiers fully informed.

Information will cover various aspects of the Project, including the following:

- The rationale for the HUGS Pipeline and the broader HUGS Project so to provide context to the need for the pipeline;
- The regulatory approvals process for the HUGS Pipeline;
- The pipeline construction process and how any potential adverse impacts will be managed;
- Advice on opportunities for feedback and discussion with Lochard Energy and contact information for the regulating bodies.

6.2 FACT SHEETS

Lochard Energy is committed to providing timely and transparent information materials to landowners and occupiers affected by the proposed HUGS Pipeline. Fact sheets provided to landowners and occupiers will include a:

- HUGS Pipeline fact sheet (Appendix B);
- Pipeline construction process fact sheet (Appendix C);
- Regulatory approvals fact sheet (Appendix D);
- HUGS Project Frequently Asked Questions (Appendix G).

These fact sheets are required by the Pipelines Act and will form part of the consultation intended to engage with landowners, occupiers, stakeholders and the broader public.

6.3 NOTICES

Lochard Energy will provide formal notices to landowners and occupiers affected by the proposed pipeline as contemplated by the Pipelines Act and Pipelines Regulations.

6.3.1 NOTICE OF INTENTION TO ENTER LAND FOR SURVEY

Surveys will be conducted along the proposed pipeline route to inform the construction methodology, design and development. It is a requirement that a 'Notice of Intention to Enter Land for Survey' (pursuant to Section 19 of the Pipelines Act and Section 6 of the Pipelines Regulations) be given to each landowner and occupier of the affected land (including public land), advising of the proponent's intention to enter the land for the purpose of any survey.

The notice will be tailored to each landowner and occupier and the template of this notice is in the Appendix E of this document.

6.3.2 NOTICE OF PIPELINE CORRIDOR

A 'Notice of Pipeline Corridor' must be given to each landowner and occupier in the proposed pipeline route, prior to a proponent's application for a licence, in order to inform affected parties of the proposed pipeline and ensure relevant consultation information including detailed fact sheets is provided (pursuant to Section 27 of the Pipelines Act and Section 7 of the Pipelines Regulations).

The notice will be tailored to each landowner and occupier and the template notice prescribed by the Act is provided in the Appendix F of this document.

6.3.3 NOTICE OF PIPELINE LICENCE APPLICATION

The pipeline proponent must apply for and obtain a licence, as issued under the Pipelines Act, in order to proceed with the construction and operation of a pipeline. The licencing process mandates that Lochard Energy, in the event of proceeding with an application to the Minister for Energy, Environment and Climate Change, will give notice to all affected landowners and occupiers, other stakeholders, responsible Ministers and

authorities of the licence application ('Notice of Application' pursuant to Section 32 of the Pipelines Act).

The Notice of Pipeline Licence Application will invite submissions to the Minister for Energy, Environment and Climate Change by stakeholders concerning the Pipeline Licence Application. Lochard Energy will cause a copy of the notice to be published in a newspaper circulating generally in Victoria in accordance with the requirements of the Pipelines Act.

6.4 AGREEMENTS WITH LANDHOLDERS AND OCCUPIERS

Lochard Energy will require access to private and Crown land in order to construct and operate the proposed pipeline.

Lochard Energy will take all reasonable steps to reach agreement with each owner and each occupier of land in relation to the entry onto the land for the purpose of a survey for the proposed pipeline. For survey works situated on Crown Land, Lochard will seek consent from the respective Crown Land Minister to the entry onto Crown Land or the Public Authority in which Crown Land is vested.

Lochard Energy will seek to establish agreements with landowners and occupiers for construction and operation. These agreements will have two main elements:

1. Options for temporary workspace areas and/or other licencing arrangements in order to construct the new pipeline;
2. Options for easement and/ or purchase of an easement with the owner of any private land to purchase an easement over that land for the purposes of the pipeline. These easements will provide right of access to operate and maintain the pipeline post construction and are typically smaller than the temporary workspace areas.

For the purpose of Crown Land tenure, Lochard Energy will aim to sign into a licence agreement for all Crown Land recipients.

Lochard Energy is committed to clear and transparent communications in associated discussions with impacted landowners and occupiers to ensure they have an appropriate understanding of the requirements and potential impacts of the construction and operation of the pipeline.

6.5 COMPULSORY ACQUISITION

The Pipelines Act includes provisions which allow a proponent to apply to the Minister for Energy, Environment and Climate Change to compulsorily acquire an easement required to construct and operate a pipeline, should negotiations with landowners be unsuccessful. The proponent may seek to proceed with a compulsory acquisition process six (6) months from the initial provision of the Notice of Pipeline Corridor.

Lochard Energy is committed to providing reasonable compensation to impacted landowners and occupiers as part of the negotiation of access to easements and temporary workspace areas. Compensation will be negotiated in accordance with the Pipelines Act.

Further information on compulsory acquisition under the Pipelines Act can be found in Appendix D.

6.6 INDEPENDENT ADVICE

Landowners and occupiers impacted by the proposed HUGS Pipeline are encouraged to seek independent advice in relation to dealings with Lochard Energy, should any concerns be held regarding the legal implications of the pipeline and its potential impact on their land.

Pre-defined and agreed reasonable costs associated with obtaining independent advice provided by legal and professional services firms in relation to the proposed HUGS Pipeline will be met by Lochard Energy.

6.7 SCHEDULE OF LANDOWNER CONSULTATION, AGREEMENTS AND NOTICES

Lochard Energy will consult with impacted landowners and occupiers at the earliest opportunity and provide notices in line with the requirements specified by the Pipelines Act.

The sequence and duration of consultation and issue of notices is outlined in Table 9.

Table 9: Timeline of Landowner Consultation, Agreements and Notices

#	Event	Timing	Method
Notice of Intent to Enter Land			
1.	Minister for Energy, Environment and Climate Change advises Lochard Energy of decision in relation to the Consultation Plan submitted for approval.	Determination to be made 21 days from the submission date.	Email and/or letter
2.	If approval is granted in accordance with Section 18(2) of the Pipelines Act: <ul style="list-style-type: none"> Notice of Intention to Enter Land for Survey will be given to landowners and occupiers (and the relevant Crown Minister if applicable). Initial discussion will be held with landowners and occupiers regarding land access required for survey. 	Notice of Intention to Enter Land for Survey may be given.	Notices will be emailed or posted via registered post (subject to agreement with landowner or occupier).

#	Event	Timing	Method
3.	Lochard Energy establishes agreements with landowners and occupiers to enter land and conduct pipeline survey activities (and seek consent from the relevant Crown Land Minister if applicable)	Lochard Energy seeks agreements for access after Notice of Intention to Enter Land for Survey has been given.	Notices will be emailed or posted via registered post (subject to agreement with landowner or occupier).
If an access agreement with a landowner or occupier has NOT been obtained (assuming proponent has taken all reasonable steps)			
3a	If an agreement has NOT been reached with landowners or occupiers, after all reasonable steps have been taken (as per Section 20 of the Act), the proponent may apply to the Minister for Energy, Environment and Climate change for consent to enter the land.	Application to the Minister for Energy, Environment and Climate Change may occur. Application can be made if agreement is not reached within 14 days of the notice of intention to enter the land being given.	Email and/or letter
3b	Lochard Energy advises the landowner and occupier if an application has been made to the Minister for Energy, Environment and Climate Change for land access. Note that a copy of the application made under step 3a must be provided to the landowners/occupiers.	Advice to be provided to landowner and occupier upon application to the Minister for Energy, Environment and Climate Change.	Notices will be emailed or posted via registered post (subject to agreement with landowner or occupier).
3c	Landowners and occupiers may advise the Minister for Environment, Energy and Climate Change of their reasons for refusing land access to the proponent	Advice to be provided to the Minister for Environment, Energy and Climate Change within 7 days of receiving a copy of the notification of the application from the proponent.	Email and/or letter.

#	Event	Timing	Method
	3d Minister for Environment, Energy and Climate Change provides a decision regarding the application for consent to enter land.	Minister for Environment, Energy and Climate Change provides a decision within 28 days of receiving the application.	Email and/or letter.
Notice of Pipeline Corridor			
4.	Lochard Energy provides a Notice of Pipeline Corridor to landowners and occupiers.	Notice of Corridor may be given.	Notices will be emailed or posted via registered post (subject to agreement with landowner or occupier).
5.	Lochard Energy enters into agreements with landowners to purchase easements over pipeline corridor (or easement/licence/lease for Crown or Public Authority land as per Part 6 of the Pipelines Act)	Proponent seeks agreements after the Notice of Corridor has been given.	Notices will be emailed or posted via registered post (subject to agreement with landowner or occupier).
If an agreement to purchase an easement is NOT reached			
5a	Lochard Energy may apply to the Minister for Environment, Energy and Climate Change for consent to compulsorily acquire an easement (and give notice to the landowner and occupier of the application).	At least 6 months after issue of the Notice of Pipeline Corridor (but may be sooner with agreement of the Minister for Environment, Energy and Climate Change).	Email and/or letter.
5b	If an application is made, Lochard Energy must notify the Registrar of Titles of the application (along with prescribed information as per s91 of the Pipelines Act).	Without delay after application to the Minister for Environment, Energy and Climate Change to compulsorily acquire the easement.	Email and/or letter.
5c	The landowner and/or occupier has the option to make a submission to Minister for	The submission is to be made on or before the	Email and/or letter

#	Event	Timing	Method
	Environment, Energy and Climate Change regarding the proponent's application.	'submission date' as determined by the Minister.	
5d	The Minister for Environment, Energy and Climate Change provides a decision regarding compulsory acquisition of the easement.	Decision to be made within 28 days of either (whichever is later): 1. Submission date of the application; or 2. Determination of the associated application to construct and operate the pipeline (refer step 9 below).	Email and/or letter
5e	If a public authority has refused to grant a lease, easement, licence or authority to a licensee under section 87 in respect of land vested in the public authority, the licensee may apply to the Minister for the grant of an authority over that land under this section.	There is no specific time associated with this activity.	Email and/or letter
6.	Lochard Energy may apply to the Minister for Environment, Energy and Climate Change for a Licence to construct and operate a pipeline.	Readiness of Lochard Energy in relation to the requirements of the application (as prescribed by the Act).	Email and/or letter.
7.	Following application for a Licence, Lochard Energy must provide a Notice of Application to: 1. All landowners and occupiers of land directly affected by the proposed pipeline; 2. The Planning Minister; 3. The Water Minister 4. Any relevant Crown Land Minister for Crown Land affected by the pipeline;	The Minister for Environment, Energy and Climate Change determines the applicable 'submission date' for the proponent to include in the notice – the provision of the Notice follows this determination. The Minister for Environment, Energy and Climate Change determines the 'submission date' once satisfied that the application is complete. Decision to be	Notices will be emailed or posted via registered post (subject to agreement with landowner or occupier).

#	Event	Timing	Method
	<p>5. Each responsible authority for an area affected by the pipeline;</p> <p>6. Any Department Head of Government department, public authority, person or body specified by the Minister for Environment, Energy and Climate Change.</p> <p>Additionally, Lochard Energy must cause a copy of the notice to be published in a newspaper circulating generally in Victoria.</p>	<p>granted within 28 days, unless it is referred to a panel in which case the approval duration is 88 days or such other period as is specified by the Minister in accordance with the Pipelines Act.</p>	
8.	Any affected person may make a submission to the Minister for Environment, Energy and Climate Change regarding the licence application.	The submission is to be made on or before the submission date as determined by the Minister for Environment, Energy and Climate Change.	Email and/or letter
9.	The Minister for Environment, Energy and Climate Change provides a determination regarding the licence application.	<p>The Minister for Environment, Energy and Climate Change provides a determination within 28 days of the submission date unless the application is referred to a panel (in which case the duration is 88 days).</p> <p>This timing is subject to the Minister for Environment, Energy and Climate Change's direction as per the conditions of Part 5 of the Act.</p>	Email and/or letter

7. MANAGEMENT OF IMPACTS

Consultation with impacted landowners, occupiers, stakeholders and the broader public will assist with Lochard's understanding of current and future intentions for land use and existing and planned installation of infrastructure. This consultation will be considered as part of pipeline design, construction and operational activities.

Potential adverse impacts, for example on land, health, safety and the environment listed in the Pipelines Act will be identified systematically in the consultation process

and through desktop studies and on-the-ground assessments to reduce risk to as far as is reasonably practicable. This will also include identification of matters as required to facilitate decision making in accordance with the Climate Change Act 2017 (Vic) and Flora and Fauna Guarantee Act 1988 (Vic).

Lochard Energy seeks to ensure any impact posed by the proposed HUGS Pipeline's construction and operation is minimised as far as is reasonably practicable, complies with legislation and is managed in accordance with corporate and project HSE policies. Compliance with the legislation and other corporate and project HSE policies will also extend to any work conducted by the construction contractor and subcontractors working on behalf of Lochard Energy.

Management plans will be individually prepared for the discrete project phases. This allows each plan to focus on the activities and hazards associated with the particular stage or operation. Lochard Energy is required to submit management plans to regulatory agencies for consideration and may only proceed with associated activities pending their acceptance.

Impact management plans that will be prepared for the proposed HUGS Pipeline are covered in sections 6.1 – 6.7.

7.1 PROPERTY MANAGEMENT PLAN (PMP)

A Property Management Plan (PMP) may be produced for individual parcels of land with impacted landowners and occupiers. This plan will identify concerns such as access, amenity, commercial considerations, access, rehabilitation requirements and environmentally sensitive areas.

7.2 CULTURAL HERITAGE MANAGEMENT PLAN

A Cultural Heritage Management Plan (CHMP) will be prepared in accordance with the Aboriginal Heritage Act (2006) and in consultation with the Registered Aboriginal Party for the area.

It will be developed in consultation with traditional owners and respective Registered Aboriginal Parties using data generated from desktop studies, a standard assessment and, if required, a complex assessment. The CHMP will detail the proposed construction methodologies to avoid or minimise impacts from construction and ongoing operation on sensitive cultural heritage areas. The CHMP is subject to regulatory review/approval.

7.3 ENVIRONMENTAL MANAGEMENT PLAN

An Environmental Management Plan (EMP) in accordance with Section 133 of the Vic Pipelines Act 2005 will be developed incorporating data from field surveys and further assessments. The document will:

- Identify identifies the risks to the environment arising from the pipeline operation;
- specify what Lochard Energy will do to eliminate or minimise those risks, including rehabilitation of land.

Construction of the pipeline is contingent on acceptance of this plan by the Minister for Energy, Environment and Climate Change. This plan will remain in force until the completion of rehabilitation works, after which a revision will be undertaken to suit the changed risk profile during the operational phase.

7.4 HDD MANAGEMENT PLAN

Horizontal Directional Drilling (HDD) is generally undertaken where there are large road crossings, major waterway crossings and other environmentally or commercially sensitive crossings.

A HDD Management Plan, as part of the Environmental Management Plan, may be developed to define the management system, processes, personnel and equipment required to safely and reliably deliver an HDD. The need for this plan will depend on the final pipeline design and route.

7.5 CONSTRUCTION SAFETY MANAGEMENT PLAN

A Construction Safety Management Plan (CSMP) will be developed in accordance with Section 126 of the Pipelines Act to meet the requirements of Lochard Energy's policies, Australian Standards (AS/NZS 2885), and the Pipelines Act and Pipelines Regulations.

- The document will identify the risks to the safety of the public from the pipeline construction;
- Specify what Lochard Energy will do to eliminate or minimise those risks.

The document will detail the systems and processes to be implemented during construction including hazard alert protocols, incident reporting, safety meetings and hazard analysis processes. Construction of the pipeline is contingent on acceptance of the CSMP by Energy Safe Victoria.

7.6 OPERATIONS SAFETY MANAGEMENT PLAN

An Operations Safety Management Plan (OSMP) will be developed in accordance with Section 126 of the Pipelines Act to provide an integrated safety management approach in line with Lochard Energy's existing safety management policies and procedures for pipeline operations. This plan will also need to meet requirements of Australian Standards (AS/NZS 2885), the Pipelines Act and Pipelines Regulations. As a minimum, this document will:

- Identify the risks to the safety of the public from the pipeline operation;
- Specify what Lochard Energy will do to eliminate or minimise those risks.

Operation of the pipeline is contingent on acceptance of this OSMP by Energy Safe Victoria.

8. RECORDS MANAGEMENT PROCEDURE

8.1 PROJECT RECORDS MANAGEMENT

Lochard Energy will transition to the use of a consultation software database to record engagement and consultation activities with impacted landowners and occupiers, stakeholders and the broader public. This system will be used to ensure communications and notices are delivered in an efficient and timely manner. Consultation in the early phases of the project will be maintained in the Heytesbury Wells Landholder log (PRM0021-UGS-ZL-0118).

The consultation software database will also be used to store any information collected throughout the project's consultation including landowner feedback, agreements and other discussion regarding the proposed pipeline. All concerns and issues raised during consultation activities and correspondence will be documented, along with details of their resolution (where applicable), to ensure feedback and learnings are incorporated into project development and execution.

Furthermore, the database will be updated regularly as additional information becomes available such as any changes to the proposed pipeline alignment, or the details or communications preferences of impacted landowners and occupiers, stakeholders and the broader public. Information will be managed in accordance with privacy arrangements set out in section 8.3.

8.2 STATUTORY REPORTING

Lochard Energy will provide a monthly report (refer Appendix I), delivered within 5 business days of the end of each month, to DELWP via pipeline.regulation@delwp.vic.gov.au containing the previous month's consultation to date with impacted landowners, occupiers, stakeholders and the broader public, and will include specific reference to complaints or negative feedback on the project.

The issue of monthly reports will be undertaken until the completion of the pre-licencing approval process by way of acceptance of the Construction Environment Management Plan and safety management plans. Regulatory reporting will then be made in accordance with the approved CEMP and other management documents.

8.3 PRIVACY POLICY AND USE OF PERSONAL INFORMATION

Information, including Personal Information (as defined in the Privacy Act 1988 (Cwth)) collected by Lochard Energy and its agents and contractors in the course of the planning, construction and operating life of the proposed HUGS Pipeline and will be used to facilitate the planning, management and undertaking of the HUGS Pipeline project and otherwise as required or authorised by law or for any purpose for which consent has been given.

Such information may be disclosed, for the purposes mentioned above, including to individuals, organisations and agencies associated with or having regulatory responsibility for any aspect of the project.

Further information about Lochard Energy's information handling practices can be found in its Privacy Policy at: <https://www.lochardenergy.com.au/wp-content/uploads/2022/03/Privacy-Policy-March-2022.pdf>

8.4 MEDIA ENQUIRIES

All media enquiries related to the proposed HUGS Pipeline will be referred to and managed by Lochard Energy's corporate head office.

9. EVALUATION OF CONSULTATION

Lochard Energy is committed to reviewing the results of its project consultation and considering the perspectives of landowners, occupiers, stakeholders and the broader public on the proposed HUGS Pipeline. Lochard Energy will review compliance with this plan by reviewing actual performance against a commitment register during the course of the project.

9.1 FEEDBACK PROCESS

Lochard Energy has established several channels for feedback to be received from landowners and occupiers, stakeholders and the broader public. These channels are included on the Project Fact Sheet (Appendix B). All enquiries made through these channels will be recorded in software Consultation Manager.

These channels include:

Email	mailto:info@lochardenergy.com.au
Project hotline	1800 848 879
Website	https://www.lochardenergy.com.au/our-projects / http://www.lochardenergy.com.au/our-projects
Postal address	Iona Gas Plant, 285 Waarre Road, Port Campbell, Vic, 3269

Upon receipt of an enquiry or complaint from a landowner, occupier, stakeholder or member of the broader public, Lochard Energy will:

- Where relevant, seek to clarify and understand the request or comment;
- Acknowledge the communication and provide an estimated timeframe for a response or immediate feedback where possible;
- Record the communication in Consultation Manager (and subsequently update the register with the resolution);
- Review the request or comment (including investigation if relevant) and provide feedback to the stakeholder within the committed timeframe.

Depending on the particulars of the request or comment, feedback to that person(s) will include:

- Provision of requested information where appropriate, or advice if information is not yet available, or is unable to be shared (i.e. unrelated/commercially sensitive queries);
- Advice regarding consideration of the suggestion/comment and how/if it has been incorporated into the design or execution of the proposed HUGS Pipeline. This may include discussion of alternate solutions to address that person(s) concerns;
- The outcome of complaints, associated investigations and any follow-up actions;
- Agreement/confirmation with the person(s) as to whether further action is required, and any future commitments (such as deferring a particular action to a later stage in pipeline development/execution, where appropriate).

9.2 TIMING FOR RESPONSE

Lochard Energy has developed the following set of timing commitments to respond to correspondence with an impacted landowner, occupier, stakeholder or member of the broader public:

- An initial acknowledgement of that person(s) initial communication will be provided within one business day;
- A detailed response will be provided to that person(s) within five business days of the initial communication.

That person(s) would be notified at the time of the request if feedback is not possible within the committed timeframe and an updated timing would be provided.

Should a question about the proposed HUGS Pipeline be received from an impacted landowner or occupier it is expected that the dedicated Landowner Liaison Officer will be able to manage that question. However, should a complaint or complex question or suggestion be received, that correspondence will be escalated to Lochard Energy's leadership team.

10. FURTHER INFORMATION

10.1 CONTACT INFORMATION

Table 10: Contact Information

Contact	Role	Contact Details
Lochard Energy	Proponent	mailto:info@lochardenergy.com.au 1800 848 879 https://www.lochardenergy.com.au/our-projects/ <u>Head office postal address:</u> 2 Southbank Blvd Southbank Vic 3006 <u>Port Campbell postal address:</u> Iona Gas Plant 285 Waarre Road Port Campbell Vic 3269
Victorian Department of Environment, Land, Water and Planning	Regulator	Pipeline contact number: 0439 799 598 https://www.energy.vic.gov.au/pipelines mailto:pipeline.regulation@delwp.vic.gov.au
Energy Safe Victoria	Regulator	1800 800 158 https://www.esv.vic.gov.au mailto:info@energysafe.vic.gov.au

10.2 RESOURCES AND FURTHER INFORMATION

The following links provide further information on pipelines, land use and consultation, and may be of interest to impacted landowners, occupiers, stakeholders and the broader public.

Australian Pipelines and Gas Association

- APGA Stakeholder Engagement Guidelines:
<https://www.apga.org.au/sites/default/files/uploaded-content/website-content/stakeholder-engagement-guidelines.pdf>
- APGA Pipeline Corridor Committee – Investigations of land use around pipelines to guide initial location classification under AS/NZS 2885 guidelines:

[https://www.apga.org.au/sites/default/files/uploaded-content/website-content/investigations of land use around pipelines to guide initial location classification under as 2885 guideline.pdf](https://www.apga.org.au/sites/default/files/uploaded-content/website-content/investigations%20of%20land%20use%20around%20pipelines%20to%20guide%20initial%20location%20classification%20under%20as%202885%20guideline.pdf)

International Association for Public Participation

- IAP2's Public Participation Spectrum:
<https://www.iap2.org.au/resources/spectrum/>

Next Generation Engagement

<http://www.nextgenengagement.org/publications/>

Energy Safe Victoria

- Gas and Pipeline Infrastructure Safety Management Report, 2019-2020:
<https://esv.vic.gov.au/pdfs/gas-and-pipeline-infrastructure-safety-performance-report-2019-20/>

Property and Land Titles Victoria

- Victorian Government, Land Transactions Policy and Guidelines, April 2016:
https://www.planning.vic.gov.au/_data/assets/pdf_file/0030/125877/VGLTPG-Victorian-Government-Land-Transactions-Policy-and-Guidelines-2016-Final.pdf

Relevant Pipelines Act and Regulations

- Pipelines Act 2005 (Vic);
- Pipelines Regulations 2017 (Vic).

Australian Standard

- AS/NZS 2885 Pipelines – Gas and liquid petroleum suite of standards.

APPENDIX A Checklist of Requirements for a Consultation Plan

Requirements for a Pipeline Consultation Plan (s17, Pipelines Act 2005)	Reference to section of this document
1) A consultation plan must:	
a) be prepared in accordance with the regulations; and	<p>The Pipelines Regulations 2017 do not contain any requirements in relation to the preparation of a Pipeline Consultation Plan.</p> <p>The Regulations specify the information to be included in the Notice of intention to enter land for survey and Notice of pipeline corridor, addressed in Section 6.3.</p> <p>Further, Appendix E provides the form of notice for land entry and survey activities. Appendix F provides the form of notice of pipeline corridor.</p> <p>Appendices B, C and D set out materials to be provided to relevant stakeholders regarding the project, pipeline construction and regulatory approvals.</p>
b) set out the information that the proponent is to provide to owners and occupiers of land to whom notice must be given under Division 2 or 3.	<p>Sections 5.3 to 4.5 sets out the consultation methods and process for landowners and occupiers.</p> <p>Section 6 sets out the information for provision to landowners and occupiers.</p> <p>Appendices B, C and D provides communication materials in the form of three fact sheets: Project Overview, Pipeline Construction and Pipeline Regulatory Approvals.</p> <p>Further, Appendix E provides the form of notice for land entry and survey activities. Appendix F provides the form of notice of pipeline corridor.</p> <p>Appendix G provides a number of responses to expected Frequently Asked Questions (FAQ's).</p>
2) The information to be provided to owners and occupiers of land must include	
a) general information about the types of activities to be undertaken by the proponent for the purpose of any survey under Division 2 or the construction and operation of the pipeline;	<p>Section 7 and provide an overview of the survey, construction, operational and rehabilitation activities and associated management plans.</p> <p>Appendix H provides a map containing the proposed pipeline route.</p> <p>Appendix E provides Notices of Intent to Enter land for Survey and land access agreements.</p>

Requirements for a Pipeline Consultation Plan (s17, Pipelines Act 2005)	Reference to section of this document
	Appendix C sets out communication materials for general information about survey, construction, operation, and rehabilitation activities (Pipeline Construction Fact Sheet).
b) information about how potential adverse impacts of the construction and operation of the pipeline on land, health, safety and the environment are to be managed;	Section 7 provides information on how the potential impacts will be managed. Appendix B sets out communication materials regarding management of potential impacts (Project Fact Sheet).
c) details of the procedures that are to be followed under this Act and any other Act to permit the construction and operation of the pipeline including the procedures for any compulsory acquisition of land.	Section 5 provides the approach that will be taken to consultation with landowners, occupiers, stakeholders and the broader public. Section 6 provides a summary of project and consultation stages including those required by the Act to permit construction/operation and for any compulsory acquisition of land. Section 6.7 provides a summary of the regulatory steps and the associated timings for approvals. Appendix D sets out communication materials specific to approvals and easement acquisition (Pipeline Regulatory Approvals Fact Sheet).
3) a statement	
i) advising that owners and occupiers of land may seek independent advice on the pipeline proposal; and	Appendices B and D include a statement advising landowners and occupiers that they are encouraged to seek independent advice.
ii) setting out current contact information for the Department.	Section 10.1 provides the contact information for Lochard Energy, DELWP and ESV Appendices B, C and D provides contact information for the Department

APPENDIX B: HUGS Pipeline and Project Fact Sheet

About the HUGS Project

Lochard Energy is the operator of the Iona Gas Storage Facility (Iona), a natural gas processing plant, located near the township of Port Campbell in south-west Victoria.

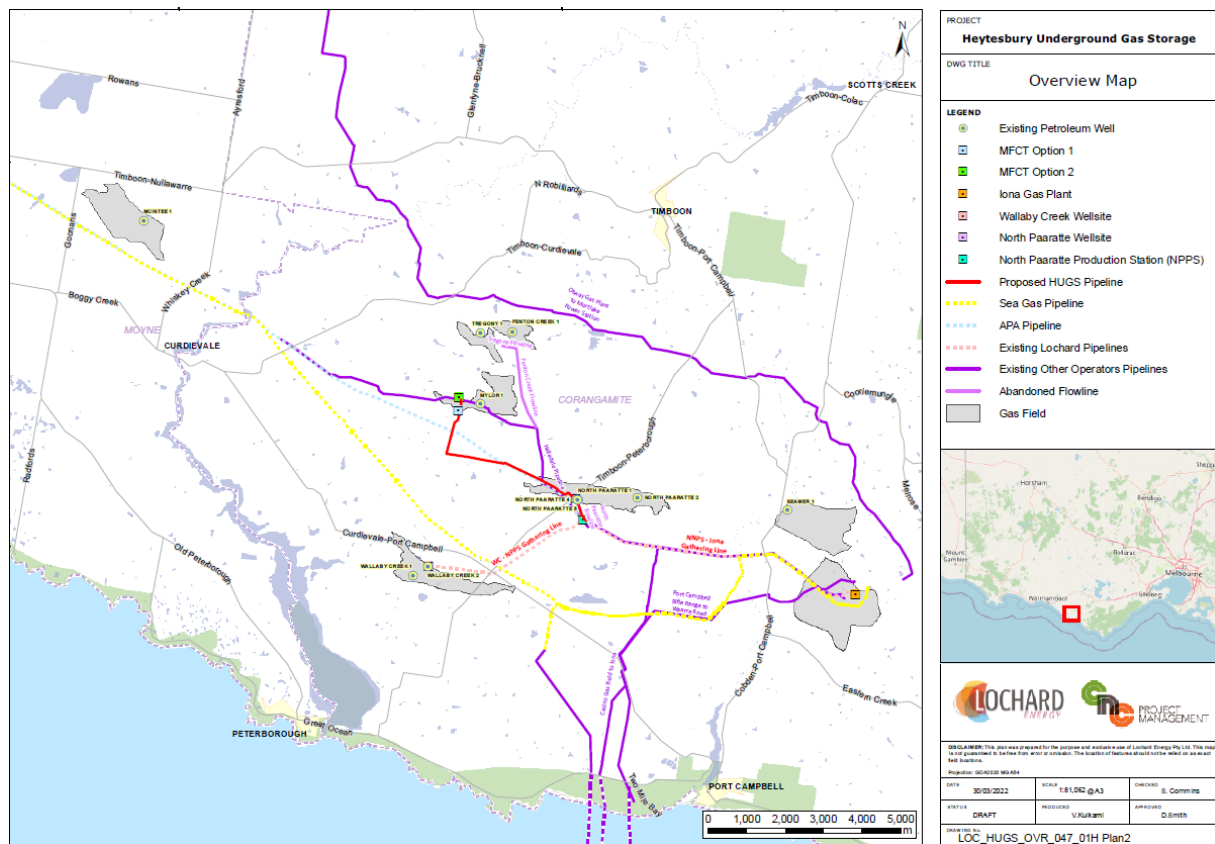
Iona is connected to a series of underground storage reservoirs that supply gas for use in periods of high demand in the Victorian energy market.

The proposed HUGS Project will increase the storage capacity of these underground reservoirs, by developing existing depleted reservoirs and constructing a new underground gas pipeline, referred to as the 'HUGS Pipeline'. This increased storage capacity will support the growing demands of the Victorian energy market.

Proposed construction work involves:

- Construction of a new wellsite, known as MFCT from which it will be possible to access all three of the Mylor, Fenton Creek and Tregony (MFCT) gas fields.
- Construction of the HUGS Pipeline will carry gas from these wells to the North Paaratte Production Station (NPPS). Gas will then be transported via an existing pipeline to Iona.

The proposed HUGS Project does not involve hydraulic fracturing or 'fracking', a practice that is banned in Victoria. See map below for the location of the proposed wellsites and pipeline in relation to existing infrastructure.



About the HUGS Pipeline

The proposed HUGS Pipeline is required to transport gas to and from the proposed new wellsites. The HUGS Pipeline will be an extension of Iona's existing pipeline network.

The preferred HUGS Pipeline route will be either a 5.5 – 6.5 km 250-300mm diameter underground pipeline from NPPS to the MFCT wellsite. The HUGS Pipeline will then connect into the existing NPPS – Iona gathering line.

The HUGS Pipeline will be bidirectional, which allows gas to be injected into wells for storage, and then from the wells to Iona for reprocessing and export.

Lochard is currently undertaking studies of the gas fields and is in discussions with landholders and other stakeholders regarding the optimal location for the Mylor, Tregony, Fenton Creek (MFCT) wellsite.

Pipeline construction timing

Planning for the HUGS Pipeline is currently in the early stages and subject to regulatory approvals and market requirements.

At this stage, the proposed timing for construction is:

- **Start:** October 2023
- **Complete:** April 2024.

It is intended construction will take place over the summer months to avoid weather-related delays and impacts. It is possible that construction could be delayed to the following summer period (October 2024 – April 2025).

Once the necessary project approvals have been secured, further detail regarding dates and schedules will be provided. Lochard will continue to provide landowners, occupiers, stakeholders and the local community with key updates to the HUGS Project and Pipeline.

Regulatory approvals

The HUGS Pipeline is subject to several regulatory approval requirements prior to any works commencing and the primary legislation governing construction are the Pipelines Act 2005 (Vic) and the Pipelines Regulations 2017 (Vic). The Pipelines Act is administered by the Department of Environment, Land, Water and Planning (DELWP) and Energy Safe Victoria (ESV).

Construction and installation of high transmission pipelines in Victoria require Ministerial approval in the form of a Licence to Construct and Operate a Pipeline. Prior to obtaining a Pipeline Licence, Lochard is required to develop a Pipeline Consultation Plan (PCP) that must be approved by the Victorian Minister for Energy, Environment and Climate Change. The PCP for the proposed HUGS Pipeline is available at <https://www.lochardenergy.com.au/our-projects/>

The PCP demonstrates how Lochard will consult with landowners, occupiers and other key stakeholders about the proposed pipeline and meet the consultation requirements laid out in the legislation and regulations. Certain consultation activities required by the Pipelines Act, such as giving Notice of Intention to Enter Land for Survey and Notice of Pipeline Corridor, and Notice of Pipeline Licence Application, cannot commence until an approved PCP is obtained.

Further information on the regulatory approvals required for the HUGS Pipeline is provided in the HUGS Pipeline Regulatory Approvals Overview fact sheet.

Impact of the HUGS Pipeline

Lochard Energy is committed to supporting sustainable practices and strives to ensure that at a minimum, it complies with Victorian legislation regarding health, safety and environmental considerations on its projects.

Potential adverse impacts for example on land, health, safety and the environment listed in the Pipelines Act, will be systematically identified during the consultation process through desktop studies and on-the-ground assessments, to reduce risk so far as is reasonably practicable.

To minimise the impact the proposed HUGS Pipeline might have on land, health, safety, the environment, landowners, occupiers, stakeholders and the local community, Lochard must develop and comply with several impact management plans. All these plans, other than Property Management Plans, will be reviewed and monitored by Victorian regulatory authorities including DELWP and ESV. Construction of the pipeline may only commence once the relevant impact management plans are approved.

The management plans for the HUGS Pipeline will include:

- **Property Management Plan:** This is prepared for individual parcels of land with impacted landowners and occupiers, and identifies concerns such as access, amenity, commercial considerations and environmentally sensitive areas.
- **Cultural Heritage Management Plan:** This will provide detail of the proposed construction methodologies required to avoid or minimise impacts from construction and ongoing operation on sensitive cultural heritage areas. This plan is prepared in consultation with the relevant Registered Aboriginal Party.
- **Environmental Management Plan:** This will identify sensitive environmental areas and detail the construction and operational methodologies to avoid or minimise environmental impacts. This plan includes a HDD Management Plan, should horizontal directional drilling be required.
- **Construction Safety Management Plan:** This will detail the systems and processes to be implemented during construction, including hazard alert protocols, incident reporting, safety meetings and hazard analysis processes.
- **Operations Safety Management Plan:** This will provide an integrated safety management approach in line with Lochard Energy's existing safety management policies and procedures for pipeline operations.

Community Engagement

Lochard Energy is committed to effective communication with landowners, occupiers, stakeholders and the local community, and will communicate throughout all stages of the proposed HUGS Project to provide information on timeframes and activities, potential impacts, and to understand and address any questions or concerns about the Project.

During periods of construction, Lochard will work to minimise impacts including noise, traffic, dust or other disruptions that may arise. Relevant work methods and operations will be incorporated to reduce community impact.

Lochard will also draw on its Community Liaison Committee (CLC), convened online or at Iona, for advice and feedback on community and landowner engagement for the Project.

Independent Advice

Landowners and occupiers impacted by the proposed HUGS Pipeline Project are encouraged to seek independent advice in relation to dealings with Lochard Energy, should any concerns be held regarding the legal implications of the proposed HUGS Pipeline Project and its potential impact on their land.

Pre-defined and agreed reasonable costs associated with obtaining independent advice provided by legal and professional services firms in relation to the proposed HUGS Project will be met by Lochard Energy.

How to contact us

If you have any questions about this project, please get in touch with Lochard Energy or one of the relevant Victorian regulators.

Lochard Energy

PHONE: 1800 848 879

EMAIL: <mailto:info@lochardenergy.com.au>

WEBSITE: <https://www.lochardenergy.com.au/>

POST: Iona Gas Plant, 285 Waarre Road, Port Campbell, Vic, 3269

Victorian Department of Environment, Land, Water and Planning (DELWP)

PHONE: 0439 799 598

EMAIL: <mailto:pipeline.regulation@delwp.vic.gov.au>

WEBSITE: energy.vic.gov.au/pipelines

POST: PO Box 500, East Melbourne, VIC 8002

Energy Safe Victoria (ESV)

PHONE: 03 9203 9700 or 1800 800 158 (free call)

EMAIL: <mailto:info@energysafe.vic.gov.au>

WEBSITE: <http://www.esv.vic.gov.au/>

POST: PO Box 262, Collins St West, VIC 8007

APPENDIX C Fact sheet: Pipeline Construction Process

Pipeline construction - what's involved?

Lochard Energy is proposing to undertake the Heytesbury Underground Gas Storage (HUGS) Project. A key component of the HUGS Project is the construction of a new 5.5 – 6.5 km 250-300mm diameter underground gas pipeline, referred to as the HUGS Pipeline.

Lochard is currently undertaking studies of the gas fields and is in discussions with landholders and other stakeholders regarding the optimal location for the Mylor, Tregony, Fenton Creek (MFCT) wellsite. See map below for route of the proposed HUGS pipeline.



This fact sheet provides an overview of each stage of the construction process and is intended to inform landowners and occupiers, stakeholders and the broader public about the potential impact of the proposed HUGS Pipeline.

PIPELINE CONSTRUCTION OVERVIEW

Landowner and occupier engagement

Meetings will be held with landowners, occupiers and other stakeholders who are expected to be directly impacted by the proposed HUGS Pipeline.

The meetings will be held either face-to-face or virtually to negotiate access to private and public property for pipeline construction, operation and maintenance activities.

These meetings will address the impacts the pipeline may have and how these will be managed, as well as access considerations, route optimisation and compensation agreements.

Land Surveys

Land surveys will be conducted along the proposed pipeline route to obtain data and knowledge, including but not limited, to cultural heritage, geotechnical, environmental and social considerations. These surveys will inform the planning for the pipeline's construction, operation and rehabilitation.

Land surveys typically involve a small team (generally up to five people) accessing a property by foot or in a light vehicle. Some equipment may be used as part of the surveys, including surveying and testing equipment (such as probes to measure electrical conductivity of soil or a small drill to collect soil samples).

Some land surveys will also require photography that will be used to map out assets such as fences, dams or other existing service utilities.

Landowners and occupiers will be informed about the land surveys proposed to be conducted on their land and Lochard will seek to reach agreement regarding access to conduct these surveys. The landowners and or occupiers will have the opportunity to provide feedback on timing and access in order to avoid disruption to a property's operation, or to avoid impact to a certain location of a property. If Lochard is unable to obtain agreement to enter the land for the purposes of a land survey, Lochard may apply to the Minister for Energy, Environment and Climate Change for consent to enter the land under Section 22 of the Act.

Work areas

Preparation for the proposed HUGS Pipeline easement and associated work areas, referred to as Right of Way (ROW), will be clearly identified. These work areas, including areas to stockpile lengths of pipeline and other pipeline materials, will be identified in collaboration with impacted landowners and occupiers.

A typical pipeline ROW width is generally 20-30m. However, the exact width of the ROW for the HUGS Pipeline will be determined by surveys, feedback from landowners and other construction considerations informed by the preparation of impact management plans.

Clear and grade

Pipeline construction activities can commence once all regulatory approvals and landowner agreements are reached.

Clear and grade, the first physical step involved in a pipeline's construction, involves the preparation of the pipeline easement and associated work areas by using excavators, bulldozers and graders. Topsoil and vegetation are stockpiled to assist post-construction rehabilitation works.

Stringing

Lengths of steel pipe are stockpiled in work areas before being transported along the ROW. The pipeline lengths are then laid end-to-end next to the pipeline trench in preparation for welding and installation.

Welding

Pipe lengths are welded together prior to lowering the pipeline into the prepared trench. Pipeline welds are inspected using x-ray or ultrasonic equipment.

Fire restrictions are always observed during welding activities to ensure fire safety.

Trenching

Pipe trenching machines and excavators are used to dig the trench along the proposed pipeline route. Any subsoil is removed and placed on the side of the trench and will be used at a later stage to bury the pipeline.

Trenchless construction

Trenchless construction using specialist Horizontal Directional Drilling (HDD) equipment is used when traditional trenching methods are deemed unsuitable, and enables the pipeline to navigate away from areas of environmental sensitivity or existing infrastructure.

HDD technology inserts the welded pipeline into a tunnel prepared by HDD equipment.

Padding and lowering-in

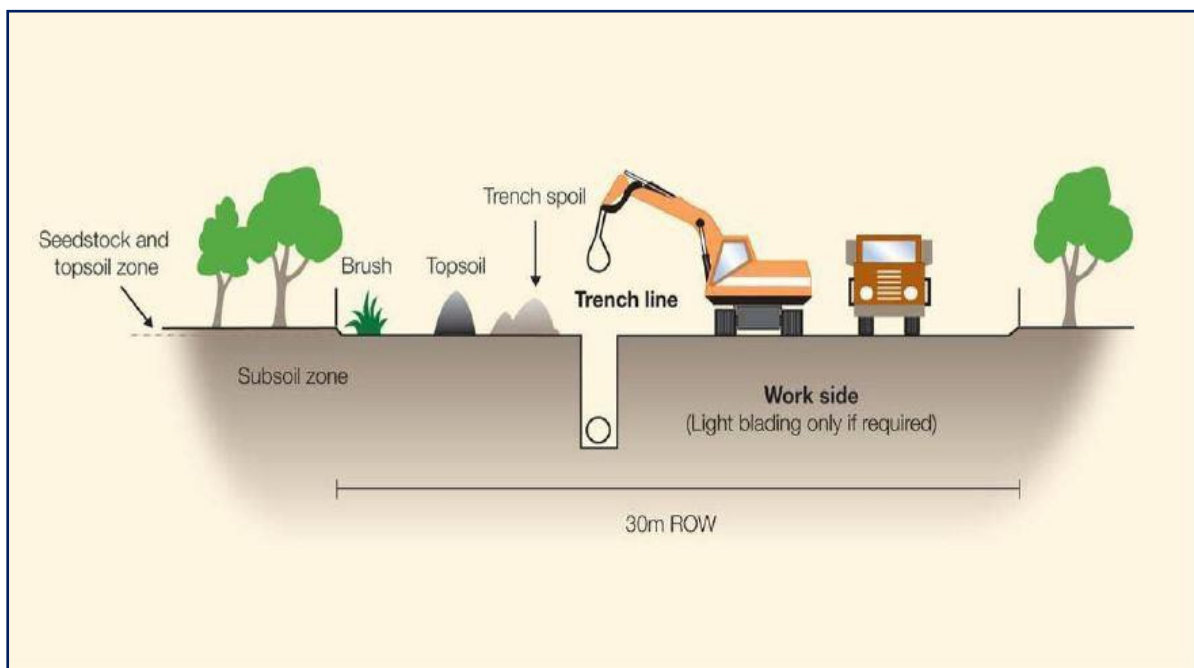
The trench is padded with sand or existing materials and the pipeline is lowered into the trench using heavy machinery equipment including side-booms. The pipeline is lowered into the trench following a rigorous quality assurance process.

Backfilling

Open trenches are backfilled with suitable fill material so that the coated pipeline is then completely buried - apart from the two above-ground locations i.e. at the start and end points of the pipeline.

The stockpiled topsoil is then reinstated over the buried pipeline to match the contour of the land and to ensure pastures can be rehabilitated.

The below diagram demonstrates a typical pipeline Right Of Way (ROW):



Hydrotesting

Hydrotesting is the final test of a pipeline to ensure the pipeline is ready for operation. In this process, water is pressure tested through the pipeline to check for leaks and marks the final stage in the quality assurance process.

Rehabilitation and land care

Rehabilitation of the ROW is an essential part of a pipeline's lifecycle and a proponent's commitments to regulatory requirements and technical obligations under Australian Standard AS 2885.

Any disturbed areas must be reinstated to their former state including erosion control and recontouring to match the existing topography and environment. Topsoil conserved during construction is used to assist in pasture regrowth.

Where necessary, rehabilitated areas can be kept fenced during this period to prevent damage by stock and ensure successful rehabilitation.

Signage

Signage is placed along the pipeline alignment at regular intervals and informs landowners of the location of the underground pipeline.

Contact information for the relevant pipeline owner and Dial-Before-You-Dig is included on the pipeline signage.

Decommissioning

A licensed pipeline must be decommissioned in accordance with AS2885, the Australian Pipelines and Gas Association's Environmental Code of Practice and the approved pipeline decommissioning plan.

The Pipelines Act requires this decommissioning plan to be approved by the relevant regulatory authority. An environmental risk assessment process that identifies any potential effect on the environment and other uses or users of the easement should support decommissioning preparation.

If the decommissioned pipeline is left in place, appropriate measures will be taken to prevent contamination of soil or groundwater and to avoid land subsidence impacts.

More information

Should you require further information on the pipeline's construction, please contact Lochard Energy or one of the pipeline regulators, the Department of Environment, Land, Water and Planning or Energy Safe Victoria.

Lochard Energy

PHONE: 1800 848 879

EMAIL: <mailto:info@lochardenergy.com.au>

WEBSITE: <https://www.lochardenergy.com.au/>

POST: Iona Gas Plant, 285 Waarre Road, Port Campbell, Vic, 3269

DELWP (Victorian Department of Environment, Land, Water and Planning)

PHONE: 0439 799 598

EMAIL: <mailto:pipeline.regulation@delwp.vic.gov.au>

WEBSITE: energy.vic.gov.au/pipelines

POST: PO Box 500, East Melbourne, VIC 8002

ESV (Energy Safe Victoria)

PHONE: 03 9203 9700 or 1800 800 158 (free call)

EMAIL: <mailto:info@energysafe.vic.gov.au>

WEBSITE: <http://www.esv.vic.gov.au/>

POST: PO Box 262, Collins St West, VIC 8007

APPENDIX D: Fact Sheet - Regulatory Approvals

HUGS Pipeline regulatory approvals Overview

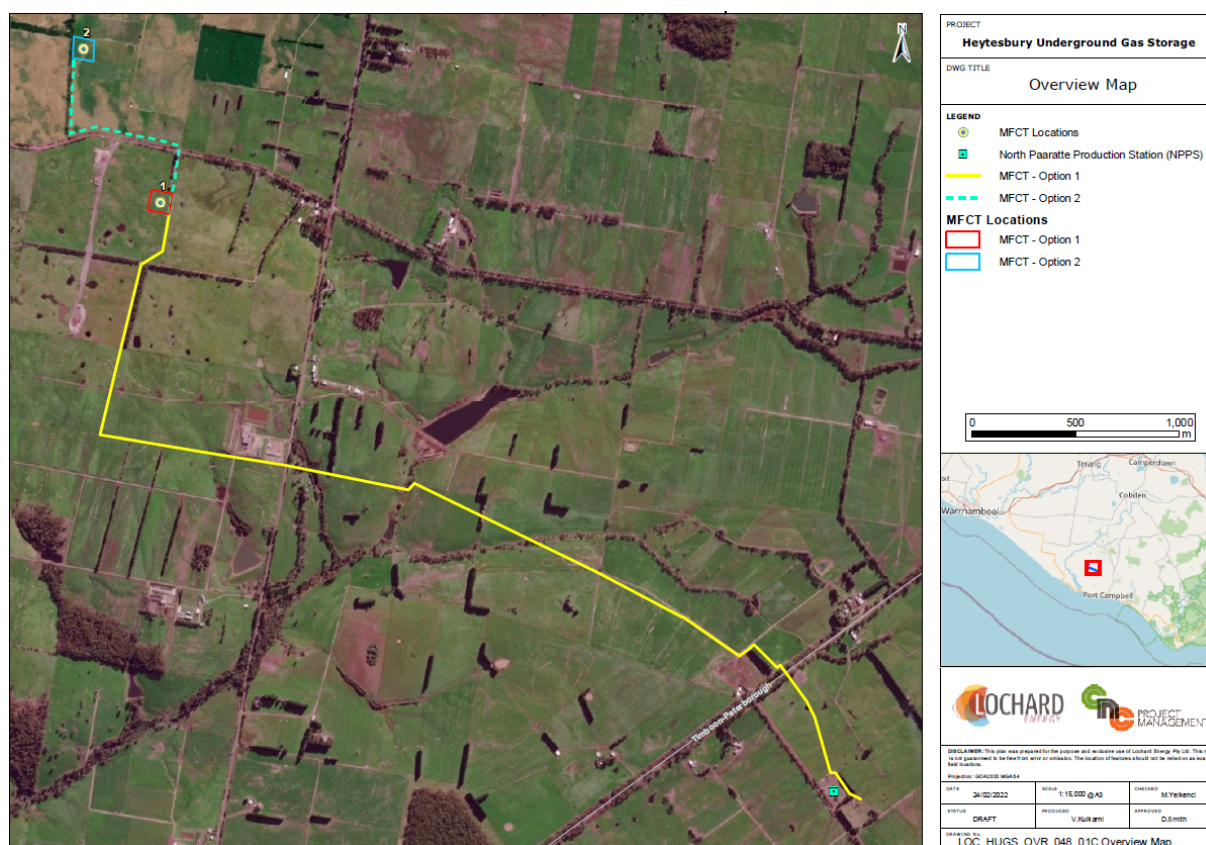
Lochard Energy is proposing to undertake the Heytesbury Underground Gas Storage (HUGS) Project to increase the underground gas storage capacity of the Iona Gas Storage Facility (Iona).

A key component of the HUGS Project is the construction of a new underground gas pipeline, referred to as the HUGS Pipeline.

This fact sheet provides an overview of the relevant regulatory approvals required for the HUGS Pipeline.

HUGS Pipeline overview

The preferred route for the proposed HUGS Pipeline is a 5.5 – 6.5 km 250-300mm nominal diameter underground pipeline that will run from the North Paaratte Production Station (NPPS) to the Mylor, Fenton Creek and Tregony (MFCT) wellsite (refer to map below). Lochard is currently undertaking studies of the gas fields and is in discussions with landholders and other stakeholders regarding the optimal location for the MFCT wellsite.



The HUGS pipeline will connect into the existing NPPS – Iona gathering line. The pipeline will be bidirectional, which allows gas to be transported to wells for injection and then from the wells to Iona for reprocessing and export.

Pipeline approvals

The proposed HUGS Pipeline is subject to regulatory approvals prior to any works commencing.

The primary legislation governing the construction of the pipeline is the Pipelines Act 2005 (Vic) and the Pipelines Regulations 2017 (Vic).

The Pipelines Act is administered by the Victorian Department of Environment, Land, Water and Planning (DELWP) and Energy Safe Victoria (ESV). DELWP and ESV are the regulators of matters of health, safety and environment (HSE) on Victorian pipeline projects.

Other relevant approvals that are administered by the Victorian Government and required for the pipeline to proceed may include those under the:

- Aboriginal Heritage Act 2006 (Vic);
- Flora and Fauna Guarantee Act 1998 (Vic);
- Road Management Act 2004 (Vic);
- Heritage Act 2017 (Vic);
- Catchment and Land Protection Act 1994 (Vic); and
- Country Fire Authority Act 1958 (Vic).

Some of these regulatory approvals will include public notification and an opportunity for the public to review and provide comments on aspects of the Project.

Pipeline Consultation Plan (PCP)

Construction and installation of high transmission pipelines in Victoria require Ministerial approval in the form of a Licence to Construct and Operate a Pipeline. Prior to obtaining a Pipeline Licence, Lochard Energy is required to develop a Pipeline Consultation Plan (PCP) that must be approved by the Victorian Minister for Energy, Environment and Climate Change.

A PCP demonstrates how Lochard Energy will consult with landowners and occupiers about the proposed pipeline and meet the consultation requirements laid out in the legislation and regulations.

Certain consultation activities contemplated by the Pipelines Act 2005 (Vic), such as giving Notice of Intention to Enter Land for Survey and Notice of Pipeline Corridor, as well as Notice of Pipeline Licence Application, cannot commence until an approved PCP is in place.

To minimise the impact that the proposed HUGS Pipeline may have on landowners, occupiers, stakeholders and the local community, Lochard Energy must develop and comply with several impact management plans including:

- Cultural Heritage Management Plan;
- Environmental Management Plan;
- Construction Safety Management Plan; and
- Operations Safety Management Plan.

All of these plans, other than Property Management Plans, will be reviewed and monitored by Victorian regulatory authorities including DELWP and ESV. Construction and operation of the pipeline may only commence once the relevant impact management plans are approved.

Community engagement

Lochard Energy is committed to effective communication with landowners and occupiers, stakeholders and the local community. Lochard will communicate throughout all stages of the proposed HUGS Pipeline to provide information on timeframes and activities, potential impacts, and to understand and address any questions or concerns about the pipeline.

During periods of construction, Lochard will work to minimise impacts including noise, traffic, dust or other disruptions that may arise. Relevant work methods and operations will be incorporated to reduce community impacts.

Lochard will also draw on its Community Liaison Committee (CLC), regularly convened online or at the Iona Gas Plant, for advice and feedback on community and landowner engagement for the pipeline.

Independent advice

Landowners and occupiers impacted by the proposed HUGS Pipeline are encouraged to seek independent advice in relation to dealings with Lochard Energy, should any concerns be held regarding the legal implications of the proposed HUGS Pipeline and its potential impact on their land.

Predefined and agreed reasonable costs associated with obtaining independent advice provided by legal and professional services firms in relation to the proposed HUGS Pipeline, will be met by Lochard Energy.

Easement agreements, acquisition and compensation

Lochard Energy will seek to establish agreements with landowners and occupiers for construction and operation. These agreements will have two main elements:

1. Options for temporary workspace areas and/or other licencing arrangements in order to construct the new pipeline;
2. Options for easement and/or purchase of an easement with the owner of any private land for the purposes of the pipeline installation and operations. An easement is an agreement registered on a title of the property that sets out the rights of a pipeline owner/operator to install, operate and maintain the pipeline and also defines the restrictions on the landowner or occupier in the area of the easement.

Lochard would seek to purchase easements from affected landowners and finalise agreements for temporary workspace once confirmation of the proposed HUGS Pipeline alignment has been reached.

Lochard is committed to dealing with all affected landowners and occupiers in an open and respectful manner and providing fair and equitable compensation in reaching agreement for the proposed easement and temporary workspace areas. Compensation will be negotiated in accordance with the Pipelines Act.

The Pipelines Act 2005 (Vic) includes provisions which allow a proponent to apply to the Victorian Minister for Energy, Environment and Climate Change, responsible for the Pipelines Act 2005 (Vic), to compulsorily acquire an easement required to construct and operate a pipeline, should negotiations with landowners be unsuccessful. The proponent may seek to proceed with a compulsory acquisition process six months from the initial provision of the Notice of Pipeline Corridor.

The Landowner and/or Occupier has the option to make a submission to the Minister for Environment, Energy and Climate Change regarding the proponent's application during the process of compulsory acquisition. Easement acquisition by the HUGS project will be in accordance with regulatory requirements including the Land Acquisition and Compensation Act 1986.

More information

Should you require further information on the pipeline's regulatory approvals, please contact Lochard Energy or the relevant Victorian regulator.

Lochard Energy

If you have any questions about this project, please get in touch with our project team.

PHONE: 1800 848 879

EMAIL: <mailto:info@lochardenergy.com.au>

WEBSITE: <https://www.lochardenergy.com.au/>

POST: Iona Gas Plant, 285 Waarre Road, Port Campbell, Vic, 3269

DELWP (Victorian Department of Environment, Land, Water and Planning)

PHONE: 0439 799 598

EMAIL: <mailto:pipeline.regulation@delwp.vic.gov.au>

WEBSITE: energy.vic.gov.au/pipelines

POST: PO Box 500, East Melbourne, VIC 8002

ESV (Energy Safe Victoria)

PHONE: 03 9203 9700 or 1800 800 158 (free call)

EMAIL: <mailto:info@energysafe.vic.gov.au>

WEBSITE: esv.vic.gov.au

POST: PO Box 262, Collins St West, VIC 8007

APPENDIX E: Template Notice of Intention to Enter Land for Survey

For Private Land To: [Name and address of the owner or occupier of the land (as the case requires)]

For Crown Land To: [Name and address of Crown Land Minister/other managing authority or the name and address of any occupier]

Land: **INSERT SPI** Certificate of Title: Volume **INSERT** Folio **INSERT**
Parish: **INSERT** Municipality: **INSERT**

Address: **INSERT PROPERTY ADDRESS**

Re: Notice under Section 19(1) of the Pipelines Act 2005 to owners and occupiers of land of intention to enter land for survey.

In accordance with Section 19(1) of the Pipelines Act 2005 (the Act), **Lochard Energy (Iona Gas Storage) Pty Ltd (ABN 71 079 089 311) of level 10, 2 Southbank Blvd, Southbank, Vic, 3006**, hereby gives you Notice of its Intention to enter your Land for the purpose of a survey.

In accordance with Section 19 of the Act and Regulation 6 of the Pipelines Regulations 2017 (the Regulations), this Notice also contains the following information, and is accompanied by approved project information.

Intended use of the proposed pipeline

Lochard Energy is proposing to construct and operate a new gas pipeline as part of the Heytesbury Underground Storage (HUGS) Project.

The HUGS Project involves increasing the underground gas storage capacity of the Iona Gas Storage Facility (IGSF) located near Port Campbell, Victoria through the development of existing depleted gas reservoirs within the Petroleum Production License (PPL) areas held by Lochard Energy (refer Figure 1). This development requires a new gas pipeline to link these fields to existing infrastructure.

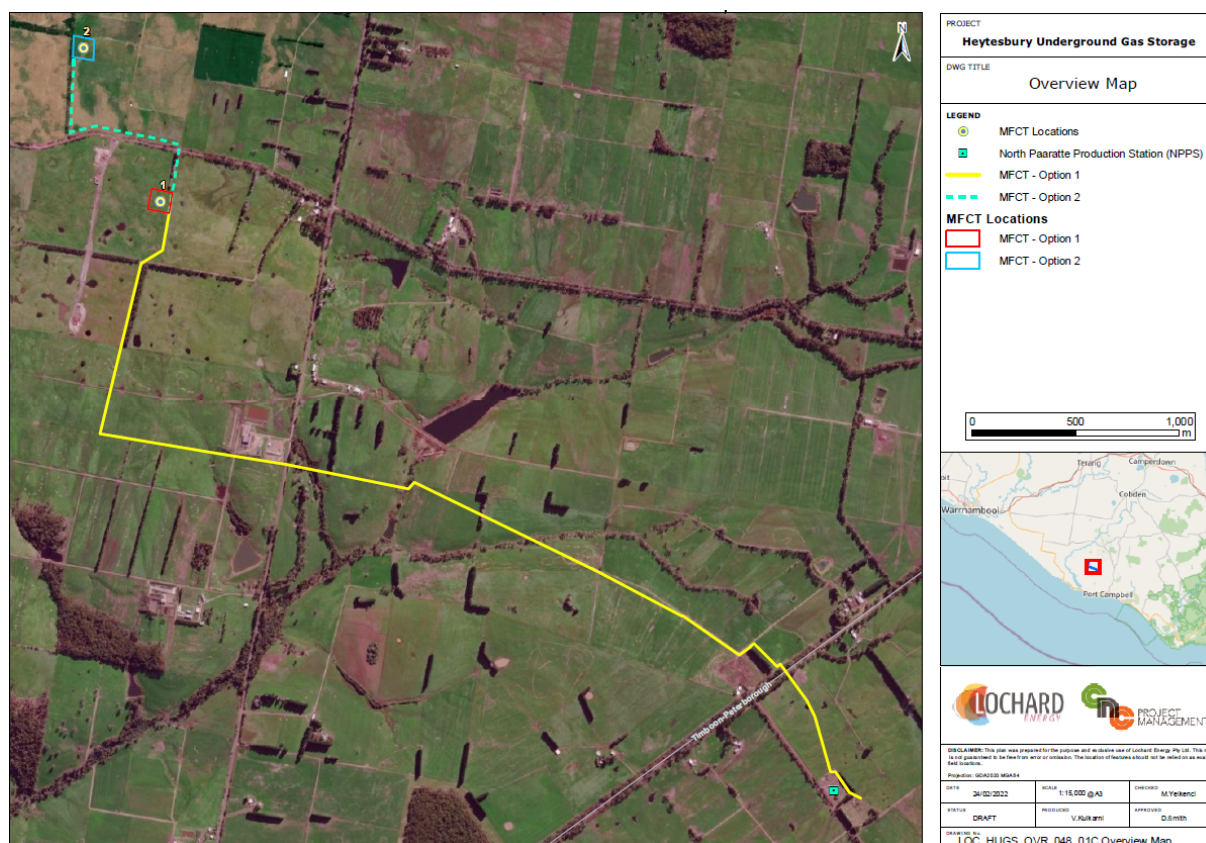


Figure 1: Map of proposed HUGS pipeline

The preferred HUGS Pipeline route will be either a 5.5 – 6.5 km 250-300mm diameter underground pipeline from NPPS to the MFCT wellsite. The HUGS Pipeline will then connect into the existing NPPS – Iona gathering line.

The HUGS Pipeline will be bidirectional, which allows gas to be injected into wells for storage, and then from the wells to Iona for reprocessing and export.

Lochard is currently undertaking studies of the fields and is in discussions with landholders and other stakeholders regarding the optimal location for the Mylor, Tregony, Fenton Creek (MFCT) wellsite.

Planning for the HUGS Pipeline is currently in the early stages and subject to regulatory approval and market requirement.

Details of proposed survey

The survey activities that Lochard Energy intends to conduct include engineering, environmental, cultural heritage, constructability and cadastral surveys as well as any additional specialist surveys required for the design and construction of the proposed pipeline. Details of the different types of survey and the work involved is included in Attachment 1 with this notice.

<<Insert survey details for the relevant individual parcel here>>

Name and address of the person or body engaged to carry out the survey for the proposed pipeline

<<Consultant or contractor's details – name and address>> or <<Lochard Energy>> will be coordinating and managing surveys. Prior to access, you will be notified of the survey to be

carried out and the person or body engaged to conduct the survey and a more specific time will be agreed.

List of Authorised Consultants

Name	Contact details
<< Add consultants for survey >>	

Other details

Item	Details
Number of people for survey	
Vehicle access requirements and type	
Approximate dates	

Map of the proposed pipeline route

A map of the proposed HUGS Pipeline route over your land has been attached to this notice. This map shows:

- The relevant part of the land over which the survey is proposed to be made; and
- The location of the land including the allotment and selection numbers, parish and municipal names and the boundaries of adjacent lands relating to the proposed survey.
- << for Crown land map to show sufficient detail to identify the land>>

<<Map of the proposed pipeline route to be included with notice – A4 size and complying with the requirements above>>

Note to owners/occupiers of land

Lochard Energy will take all reasonable steps to reach an agreement with you in relation to entry onto your land for the purpose of conducting a survey for the proposed pipeline, in accordance with Section 20 of the Act.

A Landowner Liaison Officer (LLO) will be in contact with you to discuss access and reach an agreement with you.

Landowners and occupiers are encouraged to seek independent advice in relation to dealings with Lochard Energy, should any concerns be held regarding the legal implications of the proposed HUGS Pipeline's potential impact on their land.

Pre-defined and agreed reasonable costs associated with independent advice provided by legal and professional services firms in relation to the proposed HUGS Pipeline will be met by Lochard Energy.

If Lochard Energy is unable to obtain your agreement to enter land for the purposes of a survey, Lochard Energy may apply to the Minister for Energy, Environment and Climate Change for consent to enter your land under Section 22 of the Act.

Signed by Lochard Energy,

Date:

Attachment 1: Types of surveys

Name of survey	Description of survey activities	Comment
Flora and fauna	<p>Assessment of discrete areas by foot or in a light vehicle by a small team (1-3 people) to identify any significant flora and fauna and manage any environmental impacts of the construction and operation of the pipeline.</p> <p>The survey will occur within the mapped targeted survey area shown in the <i>Notice of Intention to Enter Land for Survey</i> provided to you. It is expected the survey will take 1-2 days on an individual property however the duration of the survey will be advised to landowners by the LLO prior to property entry.</p>	<p>Expect that the survey timeframe to take between 10-14 days across the entire route depending on the contractors survey methodology and species survey requirements.</p> <p>Daytime survey is expected with potential to leave camera traps on landowner/occupier's properties overnight if required to monitor nocturnal species on EPBC and FFG list, however this will be confirmed ahead of the survey.</p> <p>There is the possibility for night time surveys (Mon-Fri 6pm-2am) in landholder notifications but only if required by species survey guidelines.</p>
Cultural heritage	<p>Assessment of areas by a small team (4-5 people) by foot or in a light vehicle to manage any impacts of the construction and operation of the pipeline to land and artefacts of cultural significance. Hand digging of shallow holes may be required at discrete locations.</p> <p>The survey will occur within the mapped targeted survey area shown in the <i>Notice of Intention to Enter Land for Survey</i> previously provided to you. It is expected that the survey could take 1-3 days and will be undertaken during daylight hours, however the duration of the survey will be advised to landowners by the LLO prior to property entry.</p>	<p>Expect that the survey timeframe to take between 7-10 days across the entire route.</p> <p>Daytime survey (Mon-Fri 9am-5pm)</p>

Name of survey	Description of survey activities	Comment
Feature survey	<p>Assessment of areas by a small team (2-3 people) by foot or in a light vehicle, using surveying equipment to create a digital three-dimensional image of physical features that the pipeline may affect (terrain, trees, building outlines, dams, water courses etc). It is expected that the survey could take 1-2 days on an individual property and will be undertaken during daylight hours, however the duration of the survey will be advised to landowners by the LLO prior to property entry.</p> <p>These measurements and images may be taken from anywhere within a distance of 100m of the proposed pipeline route (shown in the <i>Notice of Intention to Enter Land for Survey</i> provided to you). Pegs may be placed in the ground at fence-lines and at other discrete locations (which will be removed at the end of construction or beforehand on request).</p>	<p>Expect that the survey timeframe to take between 5-7 days across the entire route.</p> <p>Daytime survey (Mon-Fri 9am-5pm)</p>
Cadastral survey	<p>A registered land surveyor (1 person) travelling by foot or using a light vehicle to record the property boundaries of the land using surveying equipment. It is expected that the survey could take 1-2 days on an individual property and will be undertaken during daylight hours, however the duration of the survey will be advised to landowners by the LLO prior to property entry.</p>	<p>Expect that the survey timeframe to take between 5-7 days across the entire route.</p> <p>Daytime survey (Mon-Fri 9am-5pm)</p>
Soil conductivity	<p>Assessment of areas by a small team (2-3 people) travelling by foot or in a light vehicle, moving to discrete locations of</p>	<p>Expect that the survey timeframe to take between</p>

Name of survey	Description of survey activities	Comment
	<p>the Property to measure electrical conductivity of soil. This data will inform the pipeline design. The measurement is made using a small hand-held probe inserted approximately 20cm into the ground.</p> <p>The survey will occur within the mapped targeted survey area shown in the <i>Notice of Intention to Enter Land for Survey</i> provided to you. It is expected that the survey could take 1-2 days on an individual property and will be undertaken during daylight hours, however the duration of the survey will be advised to landowners by the LLO prior to property entry.</p>	<p>3-5 days across the entire route.</p> <p>Daytime survey (Mon-Fri 9am-5pm)</p>
Hydrology survey	<p>A small team (2-3 people) travelling by foot or in a light vehicle to locations on the Property, if a river or stream crosses the proposed pipeline route, to observe and record river or stream conditions.</p> <p>Where rivers or streams are present on the Land, the area to be inspected will extend up to 50m upstream and 50m downstream of the 'proposed pipeline route' shown in the <i>Notice of Intention to Enter Land for Survey</i> provided to you. It is expected that the survey could take 1-2 days on an individual property and will be undertaken during daylight hours, however the duration of the survey will be advised to landowners by the LLO prior to property entry.</p>	<p>Expect that the survey timeframe to take between 3-7 days across the entire route.</p> <p>Daytime survey (Mon-Fri 9am-5pm)</p>

Name of survey	Description of survey activities	Comment
Land condition survey	<p>A small team (2-3 people) will use a drill, typically mounted on the tray of a 4wd utility vehicle, to collect soil samples and test for chemical characteristics to inform the pipeline design and construction approach. The drill samples are less than 20cm diameter, however can reach a maximum depth of 2m. Because of this maximum depth, a metal detector and water jet may be used to confirm the location of any other ground utilities to avoid causing damage to existing infrastructure.</p> <p>Wastewater created during the use of the water jet is collected in a wastewater tank through a vacuum system. Both the drill holes and water jet holes will be backfilled and surface restored. The survey will occur within the mapped targeted survey area shown in the <i>Notice of Intention to Enter Land for Survey</i> provided to you. It is expected that the survey could take 1-3 days on an individual property and will be undertaken during daylight hours, however the duration of the survey will be advised to landowners by the LLO prior to property entry.</p>	<p>Expect that the survey timeframe to take between 3-7 days across the entire route.</p> <p>Daytime survey (Mon-Fri 9am-5pm)</p>
Service location	<p>The purpose of this survey is to confirm the location of underground service utilities (<i>underground infrastructure</i>). This information is required to inform the design of the pipeline such that underground infrastructure is not damaged during construction. This survey will be conducted by a small team of 2-4 people). It is expected that the survey could take 1-3 days on an individual property and will be undertaken during</p>	<p>Expect that the survey timeframe to take between 3-10 days across the entire route depending on the number of services.</p> <p>Daytime survey (Mon-Fri 9am-5pm)</p>

Name of survey	Description of survey activities	Comment
	<p>daylight hours, however the duration of the length of survey will be advised to landowners by the LLO prior to property entry.</p> <p>A metal detector and a water jet are used to confirm the location of the underground infrastructure. Wastewater created during the use of the water jet is collected in a wastewater tank through a vacuum system. Areas disturbed during this survey will be restored at the completion of the survey.</p> <p>The survey will occur within the mapped Survey Area shown in the map attached to the <i>Notice of Intention to Enter Land for Survey</i> provided to you for this activity.</p>	
Geotechnical	<p>This survey informs pipeline design relative to existing railways, rivers and major roads. It involves the use of a vehicle mounted drill rig (4WD or truck) to establish boreholes measuring 10 to 15cm in diameter and up to 20m in depth and/or the use of a narrow probe to test soil layers and confirm soil stability at discrete locations. This survey will be conducted by a small team of 2-4 people). It is expected that the survey could take 1-2 days on an individual property and will be undertaken during daylight hours, however the duration of the length of survey will be advised to landowners by the LLO prior to property entry.</p> <p>At some locations a PVC pipe will be placed into the hole to keep the hole open and allow for the soil permeability to be</p>	<p>Expect that the survey timeframe to take between 3-10 days across the entire route depending on the scope and number of tests required.</p> <p>Daytime survey (Mon-Fri 9am-5pm)</p>

Name of survey	Description of survey activities	Comment
	<p>assessed. Wherever a PVC pipe is installed, approximately 1m of the pipe will rise above the ground and flagging tape may be tied to the top of the pipe so that it can be easily located. The PVC pipe will be removed at the end of the survey period unless consent is granted for it remaining for use in the construction period. Samples of the drill cuttings will be taken for laboratory analysis and the remaining cuttings will be placed back into bore holes during back-filling and restoration. Survey vehicles may vary in size.</p> <p>The geotechnical survey will occur within the Survey Area shown on the map attached to the <i>Notice of Intention to Enter for Survey</i> provided to you for this activity.</p>	
Constructability	<p>This survey informs pipeline design with consideration of constructability. The aim is to identify access points, additional workspace areas and to provide construction input to the design.</p> <p>This survey will be conducted by a small team of 2-4 people and may also require light vehicle access. It is expected that the survey could take 1 day on an individual property and will be undertaken during daylight hours, however the duration of the length of survey will be advised to landowners by the LLO prior to property entry.</p>	

APPENDIX F: Template Notice of Pipeline Corridor

Notice under section 27 of the Pipelines Act 2005 to owners and occupiers of land in a pipeline corridor

Regulation 7

Pipelines Act 2005

Pipelines Regulations 2017

To: [insert name and address of person(s) who owns or occupies land in the pipeline corridor (see Note 1)]

I Lochard Energy (Iona Operations) Pty Ltd as trustee for the Lochard Energy (Iona Operations) Trust, trading as Lochard Energy of level 10, 2 Southbank Blvd, Southbank, Vic, 3006 (Lochard Energy) am considering applying for a licence to construct and operate a pipeline over the following land:

[insert a description of the land (including, if appropriate, a sketch showing the relevant part of the land) and title particulars]

A copy of a plan showing the pipeline corridor is attached to this Notice [attach copy of a plan drawn to an appropriate scale showing the pipeline corridor]

The proposed pipeline is a [5.5/6.5] km high pressure [DN250/300] gas pipeline between the North Paaratte Production Station (NPPS) and the MFCT wellsite. The proposed pipeline will allow gas to be transported to wells for injection for gas storage, and then from the wells to the Iona Gas Plant for reprocessing and export.

*Information regarding the proposed pipeline, including the processes that will be followed for obtaining required approvals and details of how [insert name of proponent] proposes to consult with you is also attached.

*Information regarding the proposed pipeline, including the processes that will be followed for obtaining required approvals and details of how [insert name of proponent] proposes to consult with you was given to you with the notice of intention to enter land for survey issued on: [insert date that written notice of intention to enter land for survey was given to owner or occupier under section 19 of the Act]

[*delete the statement that does not apply]

Signature of the proponent:

DATE:

Note

1. A pipeline corridor is a corridor of land within which a pipeline is proposed to be constructed under the **Pipelines Act 2005**. The final route of the proposed pipeline within the corridor is subject to consultation and approval under the **Pipelines Act 2005**.
2. Under section 27(3) of the **Pipelines Act 2005**, this Notice lapses after 12 months from the date of this Notice, unless the Minister administering that Act, extends that period in writing.

APPENDIX G: Frequently Asked Questions

Lochard Energy understands that neighbours and the community may have questions and concerns regarding the proposed Heytesbury Underground Gas Storage (HUGS) project.

To assist with addressing these concerns, Lochard Energy has compiled a list of frequently asked questions and answers. If your question or concern is not addressed, please contact Lochard Energy for further assistance via the contact details provided.

WHY IS THE PROPOSED PROJECT CALLED HUGS?

HUGS is an acronym of the proposed project's full name, "Heytesbury Underground Gas Storage" project, and makes it easier and quicker to reference. Using acronyms is common practice for project names as they are often lengthy and referenced often.

WHAT DOES THE PROPOSED HUGS PROJECT INVOLVE?

The proposed HUGS Project involves identifying depleted underground gas fields to be used as underground gas storage. If suitable underground gas fields are identified, new gas storage wells will be required at purpose built wellsites to inject and produce gas from the fields.

The gas will then be transported back to the Iona Gas Storage Facility via the HUGS pipeline and Lochard's existing gas pipelines for processing and distribution to the Victorian energy market.

DOES THE PROPOSED PROJECT INCLUDE HYDRAULIC FRACTURING OF THE SUBSURFACE ROCK ("FRACKING")?

No, this activity is banned in Victoria.

WHAT IS UNDERGROUND GAS STORAGE?

Underground gas storage is a key part of the Victorian and south-eastern Australian gas supply network. The process involves injecting natural gas into depleted underground gas reservoirs from where it can be accessed when demand peaks, particularly in winter, helping to supplement normal supplies.

IS UNDERGROUND GAS STORAGE A COMMON PRACTICE FOR STORING GAS?

Yes, where suitable. Depleted gas fields around Port Campbell in south-west Victoria have been used for gas storage for more than two decades and around the world for more than 100 years.

WHAT IS THE DURATION OF THE PROPOSED PROJECT AND WHEN DOES IT START?

The proposed HUGS Project is currently in the early planning stages and subject to approval. However, the proposed construction timeframe is for some works to start in early 2023, with construction scheduled to be completed in mid-2024.

Construction of the HUGS Pipeline is targeted for the summer period of 2023/24. Dates and schedules will be confirmed once project approvals have been secured. Landowners, occupiers and the community will be kept up to date with project progress.

There is some potential that the construction could be delayed by 12 months depending on market requirements.

WHO CAN I SPEAK TO ABOUT THE PROPOSED PROJECT?

All care and due diligence are taken in the preparation and implementation of any activity related to Lochard Energy's operations. We take community feedback very seriously and welcome the opportunity to directly discuss any queries about the proposed HUGS Project or Pipeline.

Lochard Energy

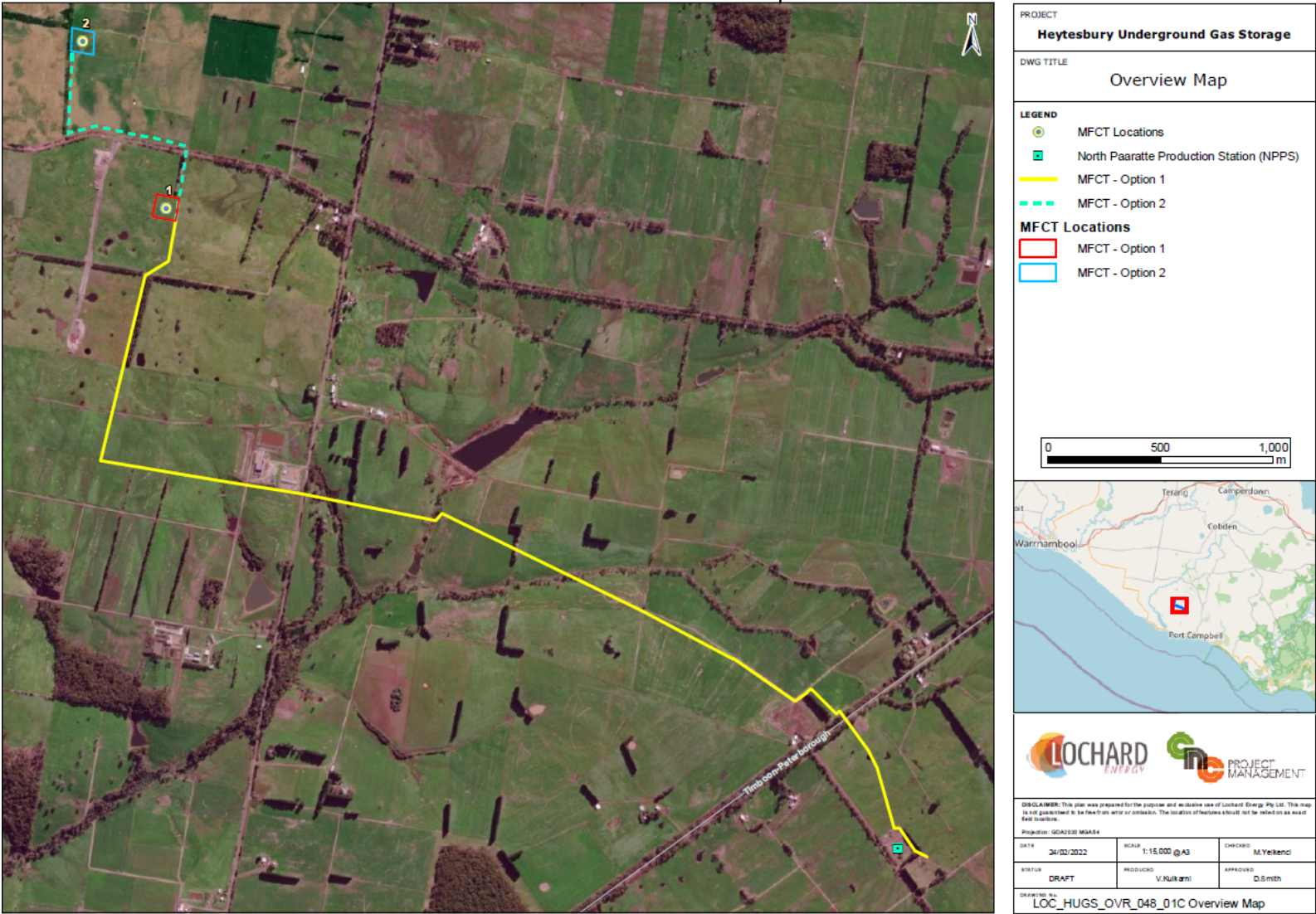
PHONE: 1800 848 879

EMAIL: <mailto:info@lochardenergy.com.au>


WEBSITE: <https://www.lochardenergy.com.au/>

POST: Iona Gas Plant, 285 Waarre Road, Port Campbell, Vic, 3269

APPENDIX H: Map of Proposed Pipeline Alignment



APPENDIX I: PCP Monthly Report Template

<div><div>MONTHLY CONSULTATION SUMMARY</div></div>								
LANDOWNER/OCCUPIER	PARCEL	STAKEHOLDER	EVENT DATE	COMMUNICATION TYPE	CREATED BY	SUBJECT	CONTACT	COMMENT
<i>Name of landowner and/or occupier</i>	<i>Description of parcel</i>	<i>Relevant stakeholder for parcel (ie: landowner, occupier, other operator, etc</i>	<i>Date & time</i>	<i>Email, phone, text, etc</i>	<i>Person who created record</i>	<i>Title to describe the consultation</i>	<i>Person who made contact</i>	<i>Details of the consultation including any actions required</i>