

Louisiana Plan of Operations - P-EA-100112777

02 January 2025 – 01 January 2028

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Plan Requirements

Table 1 provides an outline of the Plan of Operations (PoO, plan) requirements as described in Section 292 of the *Environmental Protection Act 1994* (EP Act) and references the sections of this PoO that satisfy these requirements.

The Atlas Environmental Management Plan (EMP) (SENEX-ATLS-EN-PLN-001) contains additional detailed information on environmental aspects, management practices and control relevant to Louisiana (also, the Project) authorised under Environmental Authority (EA) P-EA-100112777. The Atlas EMP has been previously provided and approved by the Department of Environment, Tourism, Science and Innovation (DETSI).

Table 1 – Plan of Operations requirements (Section 292 of EP Act)

Section 292 EP Act Requirements	Section of this PoO that addresses the requirement
(1) A plan of operations must:	
a) Be in the approved form	The PoO has been submitted using the approved form (the PoO Form, ESR/2018/4340)
b) describe the following:	
(i) each relevant lease for the environmental authority;	PoO Form Section 5 Spatial data
(ii) the land to which each relevant lease applies;	PoO Form Section 6 Spatial data
(iii) the land to which the plan applies;	PoO Form Section 7 Spatial data
c) state the period to which the plan applies (the plan period); and	PoO Form Section 4 Spatial data
d) include the following	
(i) a map showing where all activities are to be carried out on the land;	Figure 1
(ii) an action program for complying with the conditions of the environmental authority;	Action Program in this PoO
(iii) a program for rehabilitation of land disturbed or proposed to be disturbed under each relevant lease;	Rehabilitation Program in this PoO
(iv) the matters prescribed under an environmental protection policy or a regulation; and	N/A - There are no matters prescribed under an environmental protection policy or by regulation for a PoO
e) be accompanied by a compliance statement for the plan; and	PoO Form Section 11
Ff) be accompanied by the fee prescribed by regulation.	N/A – there is no fee prescribed by regulation for a PoO

(2) A compliance statement under subsection (1)(e) must – (a) state the extent to which the plan complies with the conditions of the environmental authority; and (b) be made- 1) If the holder is an individual- by the holder; or 2) If the holder is a corporation- by an executive officer of the corporation.	PoO Form Section 11
(3) The plan period cannot be more than 5 years.	The plan period is no more than 5 years. PoO Form Section 4
(4) A plan of operations may relate to 1 or more relevant petroleum leases.	The PoO relates to 1 or more petroleum leases. PoO Form Section 5 Spatial data

Plan of Activities

Section 8 of the PoO Form requires the plan to describe all activities to be carried out on the land within the plan period. The proposed disturbance provided below in Table 2 addresses the requirements of Appendix 1 – Plan of Activities: Part B (Proposed Activities) of the PoO Form.

All proposed activities for the plan period are planned to occur during Year 1, however activities not completed in Year 1 will carry over to subsequent years as required.

Proposed activities are shown in Figure 1.

Table 2 – Plan of Activities

Activity	Proposed Disturbance Details			Proposed Disturbance Details		
	Year 1			Year 2/Year 3		
	Tenure	Additional Parameters	Disturbance Area (ha)	Tenure	Additional Parameters	Disturbance Area (ha)
Domain 1: Exploration						
Land area covered by demountable camps, water treatment plants, earthen laydown where infrastructure / equipment will be removed	PL209 PL445	8	8	PL209 PL445	Activities not completed in year 1 will carry over to subsequent years of the PoO Period	
Total Disturbance Area (ha)			8			0
Domain 2: Roads, Track, Laydown and Borrow Pits						
Access tracks	PL209 PL445	82.68 km	82.68		Activities not completed in year 1 will carry over to subsequent years of the PoO Period	
Laydown yards		3	11			
Borrow pits		1	3			
Total Disturbance Area (ha)			96.68			0
Domain 3: Camps and Buildings						
Camps	PL209 PL445	3	N/A ¹		Activities not completed in year 1 will carry over to subsequent years of the PoO Period	
Demountable/ Temporary Building		5	N/A ¹			
Sewage Treatment Plant		1	0.5			
Irrigation area for Sewage Treatment Plant		1	3			
Total Disturbance Area (ha)			3.5			0

Activity	Proposed Disturbance Details			Proposed Disturbance Details		
	Year 1			Year 2/Year 3		
	Tenure	Additional Parameters	Disturbance Area (ha)	Tenure	Additional Parameters	Disturbance Area (ha)
Domain 4: Power Generation and Distribution						
Power Generation Facility		1	0.5		Activities not completed in year 1 will carry over to subsequent years of the PoO Period	
Communication Tower		1	1			
Total Disturbance Area (ha)					1.5	
Domain 5: Well Pads and Associated Infrastructure						
Wells – Operational	PL209 PL445	87	60		Activities not completed in year 1 will carry over to subsequent years of the PoO Period	
Total Disturbance Area (ha)			60			0
Domain 6: Pipelines						
Gas pipeline	PL209 PL445	84.3	161.69		Activities not completed in year 1 will carry over to subsequent years of the PoO Period	
Metering Station		1	1			
Total Disturbance Area (ha)					162.69	
Domain 9: Water Treatment Plants and Transfer Stations						
Water Transfer Station	PL209 PL445	1	1		Activities not completed in year 1 will carry over to subsequent years of the PoO Period	
Total Disturbance Area (ha)			1			0

Activity	Proposed Disturbance Details			Proposed Disturbance Details		
	Year 1			Year 2/Year 3		
	Tenure	Additional Parameters	Disturbance Area (ha)	Tenure	Additional Parameters	Disturbance Area (ha)
Domain 11: General Land Rehabilitation						
Monitoring bore	PL209 PL445	10	2.5		Activities not completed in year 1 will carry over to subsequent years of the PoO Period	
Total Disturbance Area (ha)			2.5			0
TOTAL DISTURBANCE AREA (ha)			335.9			

¹ Footprint included under Domain 1

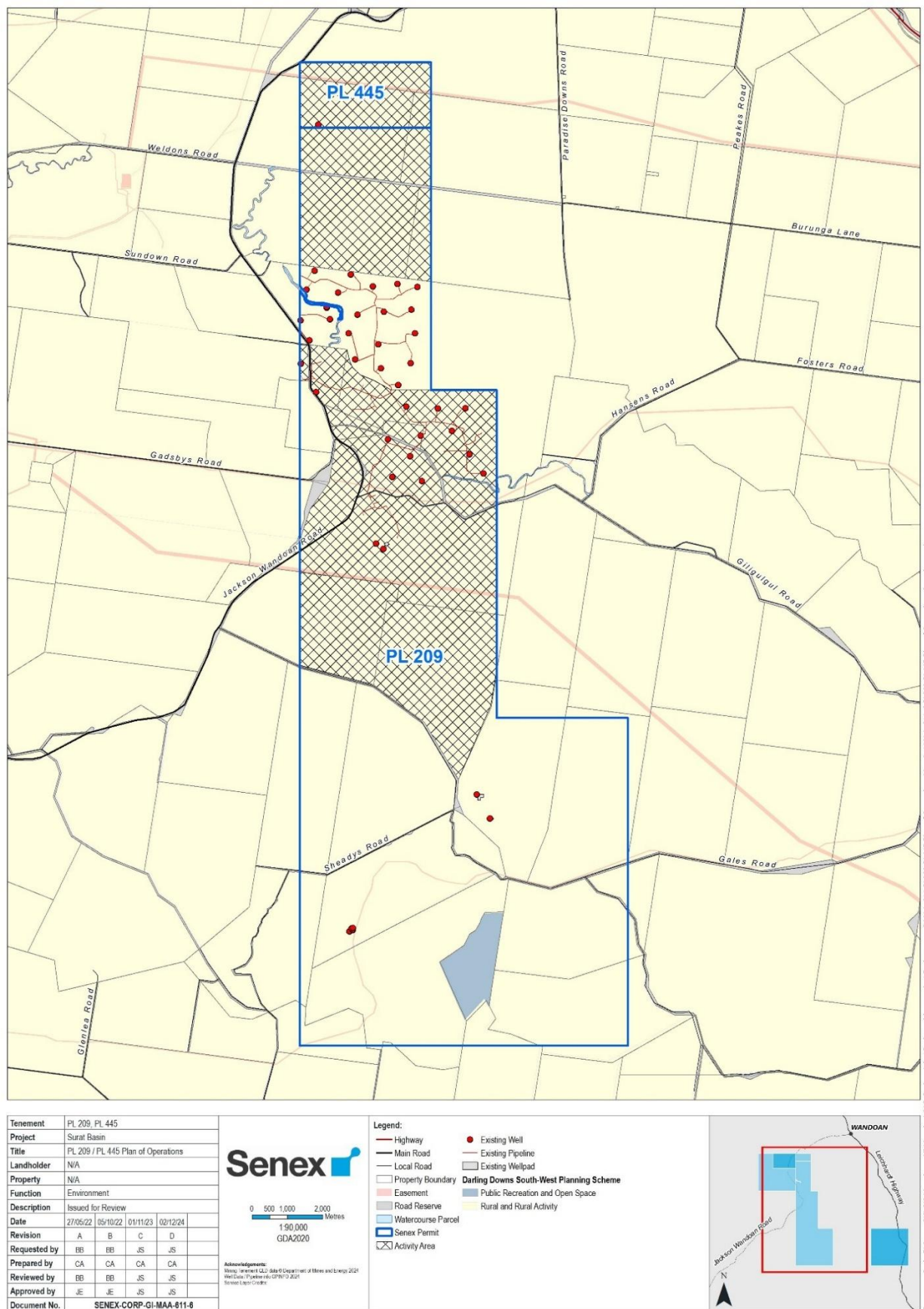


Figure 1- Indicative location of proposed activities

Water Management

With reference to Section 8 of the Estimated Rehabilitation Cost (ERC) Application Form (ESR/2018/4425), the water management practices for the Project relevant to the plan period are summarised below.

Water Management System

The Louisiana water management system involves the gathering of produced water from production wells to existing produced water storage facilities on the adjacent Project Atlas (authorised under EA EA0001207 and owned by Senex Assets Pty Ltd). Produced water received from Louisiana is managed within the Project Atlas water management system, including treatment through the existing water treatment facility as required for beneficial re-use purposes. The management of Louisiana produced water is therefore provisioned under the ERC Calculation for Project Atlas.

Figure 2 shows the interface of the Louisiana and Project Atlas water management systems.

Refer to the Project Atlas PoO for information related to produced water quality and treatment requirements.

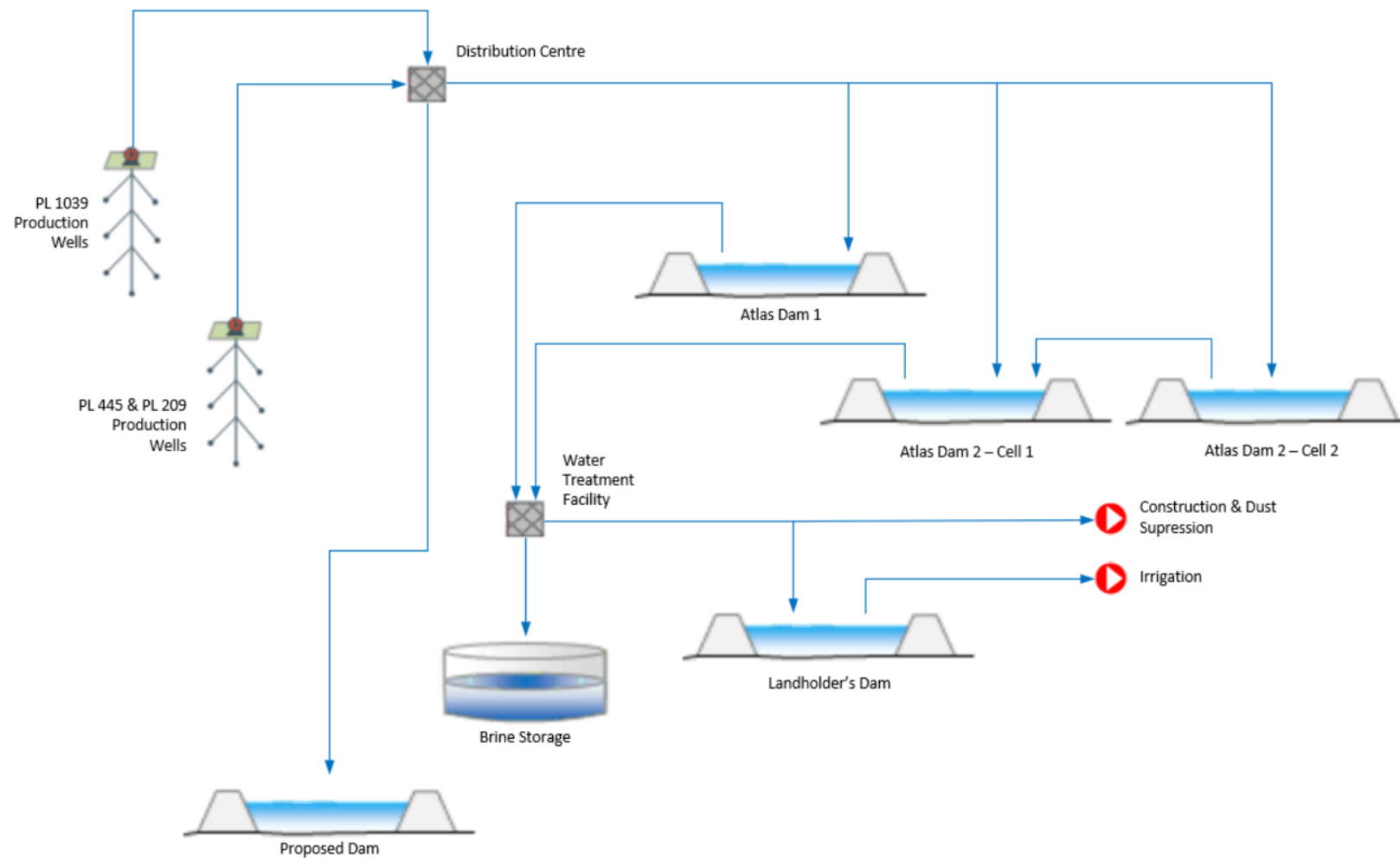


Figure 2 – Interface of the Louisiana and Atlas Water Management System

Action Program

Section 9 of the PoO form requires an action program for compliance with each schedule of conditions within the EA. The action program in Table 3 below presents this information consistent with the approved format of Appendix 2 of Form: Submission of Plan of Operations (ESR/2018/4340).

Table 3 – Action Program

EA Condition/Schedule	Internal Process/Management System	Environmental Management Strategies
Schedule A - General	Atlas Environmental Management Plan (SENEX-ATLS-EN-PLN-001) Contingency Procedures for Emergency Environmental Incidents SENEX-QLDS-EN-PRC-005 Senex Spill Response Plan (SENEX-CORP-ER-PLN-006) Incident Management Procedure (SENEX-CORP-HS-PRC-004) QLD Erosion and Sediment Control Procedure (SENEX-QLDS-EN-PLN-003_1)	- Throughout project planning, assessments are completed against Schedule A, Table 1 to provide a means of ensuring compliance with the approved disturbance activities. - Staff undertake project specific inductions to increase awareness of relevant conditions of the EA and management plans. - All monitoring required by conditions of the EA is to be undertaken by suitably qualified persons and by using NATA accredited laboratories where required. - Regular maintenance of plant and equipment to ensure all machinery is in good working order. - Senex implement incident notification procedures to ensure accurate and timely reporting and notification of any environmental incidents. - Sediment and erosion control measures to prevent soil loss and deposition implemented and maintained in accordance with the Senex Erosion and Sediment Control Procedure. - Complaints and incidents, reporting is undertaken in accordance with EA conditions. - Further details are available in the Project Atlas Environmental Management Plan (EMP) (SENEX-ATLS-EN-PLN-001) that was provided to DETSI on 10/12/2018 and subsequently approved on 26/3/2019. The measures in the EMP have been accepted as appropriate to achieve compliance with the conditions of the Project Atlas EA, and are relevant also for compliance with the Louisiana EA.
Schedule B – Waste Management	Atlas Environmental Management Plan (SENEX-ATLS-EN-PLN-001)	- All general waste must be removed from site and sent to a recycling facility of licensed disposal facility - All waste generated must be stored, handled and transported in accordance with the waste and resource management hierarchy, waste and resource management principles, appropriate

		standards and regulatory requirements. • All chemicals, oil and fuel must be handled, stored and effectively contained, and transported appropriately and in accordance with relevant Australian Standards (AS) and Australian Dangerous Good Code. • Management of pipeline wastewater, produced water and sewage effluent in accordance with EA conditions. • Residual drilling material must be stored in sumps for the duration of drilling, after which it must be removed from site for disposal unless the drilling material meets approved quality criteria for use in the mix-bury-cover-method or disposal to land. • Sewage effluent must be treated to meet EA requirements (including Schedule B – Table 1) prior to release to land • Further details are available in the Project Atlas EMP (SENEX-ATLS-EN-PLN-001) that was provided to DETSI on 10/12/2018 and subsequently approved on 26/3/2019. The measures in the EMP have been accepted as appropriate to achieve compliance with the conditions of the Project Atlas EA, and are relevant also for compliance with the Louisiana EA.
Schedule C - Noise	Atlas Environmental Management Plan (SENEX-ATLS-EN-PLN-001)	• Potentially impacted sensitive receptors will be identified in the Access to Work (ATW) permit. • Prior to construction and other high noise generating activities, landholders will be notified of the nature and expected duration of these activities. • Construction hours will be in accordance with EA conditions and requirements of the Environmental Protection (Noise) Policy 2008. • Noise impacts and requirements for noise mitigation will be considered during the engineering design and site planning processes. Noise impacts will be minimised by adopting measures in the EPP Noise hierarchy as appropriate (e.g. locating activities at suitable distances from noise sensitive places). Facility specific noise modelling will be undertaken during the design phase, where required. • Noise modelling or assessment will be undertaken for temporary and operational activities to assess expected noise emissions at potential sensitive receptors. • Operators of construction equipment will be made aware of potential noise impacts and will be required to employ techniques and/or equipment to minimise noise emissions where necessary. • Further details are available in the Project Atlas EMP (SENEX-ATLS-EN-PLN-001) that was provided to DETSI on 10/12/2018 and subsequently approved on 26/3/2019. The measures in the EMP have been accepted as appropriate to achieve compliance with the conditions of the Project Atlas EA, and are relevant also for compliance with the Louisiana EA.

Schedule D - Air	Atlas Environmental Management Plan (SENEX-ATLS-EN-PLN-001)	• Site specific modelling or assessments will be undertaken to assess potential air emissions at the design state for the operating infrastructure to assess air quality at potential sensitive receptors and to meet approval requirements. • Further details are available in the Atlas Environmental Management Plan (SENEX-ATLS-EN-PLN-001) that was provided to DETSI on 10/12/2018 and subsequently approved on 26/3/2019. The measures in the EMP have been accepted as appropriate to achieve compliance with the conditions of the Project Atlas EA, and are relevant also for compliance with the Louisiana EA.
Schedule E - Land	Atlas Environmental Management Plan (SENEX-ATLS-EN-PLN-001)	• Minimise the extent and duration of exposed soils as far as practicable. • Ensure stripped topsoil is stored separately to subsoil where practicable. • Once construction activities are complete, soil horizons will be replaced in the order in which they are excavated where practicable. • Sediment and erosion control measures to prevent soil loss and deposition beyond significantly disturbed land will be implemented and maintained. • Wherever reasonably practicable, vegetation will be removed at ground level by cutting or slashing rather than removing root stock. • Measures to minimise stormwater entering significantly disturbed land must be implemented and maintained. • Further details are available in the Project Atlas EMP (SENEX-ATLS-EN-PLN-001) that was provided to DETSI on 10/12/2018 and subsequently approved on 26/3/2019. The measures in the EMP have been accepted as appropriate to achieve compliance with the conditions of the Project Atlas EA, and are relevant also for compliance with the Louisiana EA.
Schedule F – Biodiversity	Atlas Environmental Management Plan (SENEX-ATLS-EN-PLN-001) Environmental Protocol for Field Development and Constraints (SENEX-CORP-EN-PRC-019)	• During project planning, the Environmental Protocol for Field Development and Constraints (SENEX-CORP-EN-PRC-019) will be used to preferentially minimise disturbance to biodiversity values. • Prior to undertaking activities that result in significant disturbance to land, an ecological survey must be undertaken by a suitably qualified person. • Vegetation must not be cleared unless authorised under a Senex internal Access To Work (ATW) approval. The ATW must be approved prior to any vegetation clearance or disturbance occurring. • Positive visual markings or pegs are to be used to identify the extent of any vegetation to be removed. • Any sensitive areas, such as Environmentally Sensitive Areas (ESA) or threatened plants/communities adjacent to the work area should be communicated via toolboxes to project

		staff and contractors. • Within ESAs and protection zones, activities will be in accordance with EA conditions, and where permitted, infrastructure must be preferentially located in areas of non-remnant vegetation. • 'No-go' areas will be GPS located and clearly marked e.g. with bunting, flagging tape. No-go areas will be prohibited to enter for construction staff and contractors and will only be accessed by authorised persons for relevant activities, where necessary. • Clearing of native vegetation must be minimised to that necessary for construction and operational activities. • Clearing of vegetation and protected plants must be in accordance with relevant permits or exemptions issued under the <i>Nature Conservation Act 1992</i> and relevant EA conditions. • Wherever reasonably practicable, vegetation will be removed at ground level by cutting or slashing rather than removing root stock. • Mature trees, including hollow bearing trees, will preferentially be avoided, or clearing will be minimised where possible. • Hollow bearing trees, where cleared, will be retained as habitat, where possible. • Cleared vegetation/green waste that cannot be used on-site for rehabilitation and/or sediment erosion control should be stockpiled to facilitate re-spreading or salvaging. • Further details are available in the Project Atlas EMP (SENEX-ATLS-EN-PLN-001) that was provided to DETSI on 10/12/2018 and subsequently approved on 26/3/2019. The measures in the EMP have been accepted as appropriate to achieve compliance with the conditions of the Project Atlas EA, and are relevant also for compliance with the Louisiana EA.
Schedule G – Water Schedule GG – Groundwater	Atlas Environmental Management Plan (SENEX-ATLS-EN-PLN-001) QLD Erosion and Sediment Control Procedure (SENEX-QLDS-EN-PLN-003_1)	• Petroleum activities within any wetland area or watercourse must be carried out in accordance with an EA condition. Watercourse crossings will be limited to those strictly necessary for construction or operation of linear infrastructure and only at locations where site specific controls have been identified. • Other than linear infrastructure, petroleum activities must be 200m from a wetland, lake or spring. A register of activities within a watercourse would be maintained for future construction activities. • Sediment and erosion control measures to prevent soil loss and deposition implemented and maintained in accordance with the Senex Erosion and Sediment Control Procedure. • No existing or proposed containment facilities, therefore a seepage monitoring program is not required. If containment facilities were to be proposed, a seepage monitoring program would be developed and implemented in accordance with the applicable EA conditions.

		Further details are available in the Project Atlas EMP (SENEX-ATLS-EN-PLN-001) that was provided to DETSI on 10/12/2018 and subsequently approved on 26/3/2019. The measures in the EMP have been accepted as appropriate to achieve compliance with the conditions of the Project Atlas EA, and are relevant also for compliance with the Louisiana EA..
Schedule H – Rehabilitation	Atlas Environmental Management Plan (SENEX-ATLS-EN-PLN-001)	- Reinstatement activities will be undertaken within pipeline Right of Ways (ROW) in accordance with the methods outlined in the Rehabilitation Plan (pg.15) and as per the conditions of the EA. - The timing and works undertaken as part of rehabilitation activities will be dependent on the activity type and operational stage of the project and governed by EA requirements. Some project activities such as drilling are temporary in nature, enabling transitional rehabilitation (also called progressive rehabilitation) to be undertaken once the disturbance area is no longer required for operational activities. Other infrastructure and disturbance is longer-term requiring decommissioning and rehabilitation at the end of project life. - All infrastructure constructed by Senex will be removed from site except where it is to remain with the written agreement of the landholder. All decommissioning and rehabilitation activities will be undertaken in accordance with Senex acceptance criteria and EA conditions. - Further details are available in the Project Atlas EMP (SENEX-ATLS-EN-PLN-001) that was provided to DETSI on 10/12/2018 and subsequently approved on 26/3/2019. The measures in the EMP have been accepted as appropriate to achieve compliance with the conditions of the Project Atlas EA, and are relevant also for compliance with the Louisiana EA.
Schedule I – Well construction, maintenance and hydraulic fracturing activities	Atlas Environmental Management Plan (SENEX-ATLS-EN-PLN-001)	- CSG production wells are drilled and constructed in accordance with the Code of Practice the construction and abandonment of coal seam gas and petroleum wells, and associated bores in Queensland (Version 2). The purpose of this Code is to ensure that all petroleum wells, CSG wells and associated bores are constructed, maintained and abandoned to a minimum acceptable standard resulting in long-term well integrity, containment of petroleum and the protection of groundwater resources. - No stimulation activities are proposed.
Schedule J – Regulated Structures	Atlas Environmental Management Plan (SENEX-ATLS-EN-PLN-001)	- No existing or proposed regulated structures. - The Project Atlas EMP (SENEX-ATLS-EN-PLN-001) includes details on the management of regulated structures which includes design, construct and operate all regulated structures in accordance with the requirements of <i>the Manual for Assessing Consequence Categories and Hydraulic Performance of Structures (DES 2016a)</i>, maintenance of a regulated structure register and implement a monitoring program to assess structure integrity and groundwater seepage.

Rehabilitation Program

In accordance with Section 10 of the PoO Form, a rehabilitation program must be provided for land disturbance or proposed to be disturbed during the plan period. The program must be comprised of a rehabilitation plan, schedule of rehabilitation activities and spatial information. The rehabilitation plan and schedule of rehabilitation activities are presented in the sections below. Spatial information detailing all existing rehabilitation present on the land at the commencement of this plan period will be provided to DETSI at the time of plan submission in accordance with ESR/2018/4340. Details of existing rehabilitation is also included below.

Rehabilitation Plan

Rehabilitation, both transitional and final rehabilitation, will be implemented in accordance with the Atlas Stage 3 Gas Project Rehabilitation Plan (SENEX-ATLS-EN-PLN-018) and the applicable EA conditions. This plan includes Louisiana and describes the rehabilitation methods required to successfully complete rehabilitation of land to pre-disturbance land use.

Transitional rehabilitation activities will continue during the plan period. Transitional rehabilitation is to include reinstatement of well pads and RoWs to operational width.

Rehabilitation activities typically include (but may not be limited to) the following measures:

- Backfilling of RoW trenches after pipe laying
- Soil amelioration
- Surface preparation including ripping of subsoil and compacted areas (as required), re-profiling natural contours and drainage lines, resspreading of topsoil
- Installation of temporary erosion and sediment controls, as per the Senex Erosion and Sediment Control Plan (ESCP)
- Seeding where rapid restoration is required (e.g. watercourse crossings and high potential erosion areas). Otherwise, natural regeneration is encouraged monitored
- Resspreading mulch or felled vegetation for stability and fauna habitat
- Monitoring and maintenance activities to confirm performance against rehabilitation criteria

Domain-specific rehabilitation measures are presented in the Rehabilitation Schedule (refer Table 4 and Table 5). Monitoring of both transitional rehabilitation and final rehabilitation success through identified completion criteria of the EA will be undertaken in any available areas during the plan period along with any maintenance required on previous rehabilitation.

Rehabilitation Schedule

Proposed Rehabilitation Activities

A schedule of rehabilitation activities detailing the type and areas of rehabilitation proposed during the plan period is presented in Table 4 below. This table has been prepared in accordance with Appendix 3 of the Submission of a plan of operations form (ESR/2018/4340).

Table 4 - Proposed Rehabilitation Activities During Plan Period

Domain	Activity	Location	Area (ha)	Post Operation Land Use	Timing (When)	Rehabilitation Activities
Pipelines	Pipeline Right of Ways (RoW)	PL209 PL445	~122.9	Agriculture/grazing or other in accordance with the conditions of the EA and in agreement with the landholder (refer to spatial information)	As per the environmental authority requirements	Pipelines RoWs are to be reinstated to operational width immediately following pipeline construction (typically within 3 months of pipe laying). This involves reinstatement of topsoil and re-profiling, reinstatement of surface drainage as required. Re-establishment of appropriate groundcover will commence within six months following the completion of construction.
Well Pads and Associated Infrastructure	Well Pads	PL209 PL445	~31.4		As per the environmental authority requirements	Partial reinstatement following completion of drilling to reduce well pad areas. Stabilise batters, respread topsoil, lightly scarify and revegetate with native or pasture grasses. Manage weeds.

Existing Rehabilitation

Details of existing disturbance and required rehabilitation activities are presented in Table 5.

Table 5 - Existing Rehabilitation

Domain	Summary Rehabilitation Methodology	Rehabilitation Works Already Undertaken	Post Operation Land Use
Exploration	Land area covered by demountable camps, water treatment plants, earthen laydown where infrastructure / equipment will be removed: Senex to complete grade and seed of the area. Rehabilitation work to be undertaken includes trimming area and seeding with pasture species.	Nil, sites are still active	Agriculture/grazing or other in accordance with the conditions of the EA and in agreement with the landholder (refer to spatial information)
Roads, Tracks, Laydown and Borrow Pits	Tracks: Where retained, grade wheel ruts to prevent erosion on access track. Maintain erosion and sediment controls (ESC) as per Senex Erosion and Sediment Control Plan (ESCP) (whoa-boys, table drains, etc). Temporary access tracks not required for either operations or retained by the landholder are to be rehabilitated by ripping to remove compaction, respreading stockpiled topsoil. Allow for natural regeneration. Seed areas, if natural regeneration (>70 % groundcover) has not occurred within 6 months. Manage weeds.	Rehabilitation commenced for 0.7 ha	Agriculture/grazing or other in accordance with the conditions of the EA and in agreement with the landholder (refer to spatial information)

	Laydown: Strip capping material and reprofile pad, where required. Rip to relieve compaction, where required. Reinstate natural drainage lines and contours. Reinstate topsoil. Installation of erosion and sediment controls as required. Application of seed and fertiliser or alternative soil stabilisation, as required. Installation of fencing as required. Listed pest plant control, where required.	Nil, sites are still active	Agriculture/grazing or other in accordance with the conditions of the EA and in agreement with the landholder (refer to spatial information)
	Borrow Pit: Stabilise landform by surface re-profiling, contouring or benching. Reinstate topsoil. Installation of erosion and sediment controls as required. Application of seed and fertiliser or alternative soil stabilisation, as required. Installation of fencing as required. Listed pest plant control, where required.	Nil, sites are still active	Agriculture/grazing or other in accordance with the conditions of the EA and in agreement with the landholder (refer to spatial information)
Camps, Buildings, Sewage Treatment Plant	Portable skid mounted, portable building: Electrical and mechanical disconnection. Crane to lift to truck and transport to storage location.	Rehabilitation commenced for 0.7 ha	Agriculture/grazing or other in accordance with the conditions of the EA and in agreement with the landholder (refer to spatial information)
Power Generation and Distribution	Power Generation facility: De-energise and disconnection. Load and transport modules. Remove gravel surface and transport to re-use area. Grade and seed.	Power generation facility to remain in use throughout the plan period	Agriculture/grazing or other in accordance with the conditions of the EA and in agreement with the landholder (refer to spatial information)

	Small land investigation around transformers.		
	Communication Tower: Electronics removal and transport to storage location. Tower pulled down. Steel cut-up and transported to re-use yard.	Communication tower to remain in use throughout the plan period	Agriculture/grazing or other in accordance with the conditions of the EA and in agreement with the landholder (refer to spatial information)
Well Pads and Associated Infrastructure	Partial reinstatement following the completion of drilling to reduce well pad. Stabilise batters, if a cut and fill lease, including profiling to reduce batter slope where required. Most surface drainage lines occur with areas of greater slope so extra measures are required for erosion control and soil stabilisation. Respread topsoil. Do not compact topsoil. Surface roughness is encouraged when resspreading topsoil in order to trap water and seeds. Lightly tyne (scarify) topsoil, but no do mix with subsoil. Revegetate with native or pasture grasses (pasture grasses create cover to allow native species to colonise the area and impedes weed growth). Restrict vehicles from driving on rehabilitated areas. Manage weeds. Temporary ESC's will be removed from site only once sufficient rehabilitation has been established to ensure site stability. Contaminated land assessment, as required.	Final rehabilitation at end of working life or end of project. Rehabilitation commenced for 8.8 ha	Agriculture/grazing or other in accordance with the conditions of the EA and in agreement with the landholder (refer to spatial information)
Pipelines	Backfill trenches with subsoil. Do not mix with topsoil. Re-profile natural contours and drainage lines to their original profile. Rip subsoil and compacted areas. Install whoa-boys along slopes, as per Senex ESCP.	Pipeline removal or decommissioning will occur at end of project life. Rehabilitation commenced for 25.4 ha	Agriculture/grazing or other in accordance with the conditions of the EA and in agreement with the landholder (refer to spatial information)

	Restoration of watercourses by installing, as required, jute matting on the banks, contour berms on the high bank, rock lining the creek base to minimise scour, and limiting the use of fertilisers. Seeding will be utilised where rapid restoration is required (e.g., watercourse crossings and potential high erosion areas). Respread topsoil. Do not compact topsoil. Surface roughness is encouraged when resspreading topsoil in order to trap water and seeds. Lightly tyne topsoil, but no do mix with subsoil. Respread mulch or felled vegetation across the Right of Way (RoW) for stability and fauna habitat. Allow for natural regeneration. Seed areas, if natural regeneration (>70 % groundcover) has not occurred within 6 months. Restrict vehicle access from driving on rehabilitated areas. Temporary ESC's will be removed from site only once sufficient rehabilitation has been established to ensure site stability. Manage weeds to remove existing and prevent spread of any new plants.		
Water Treatment Plants and Transfer Stations	Water Transfer Station: Electrical and mechanical disconnection / cutting of process modules, skids and buildings. Lifting and transport of process modules / portable buildings to a storage location. Demolition of on-site constructed buildings and transport refuse for disposal. Demolition / rip-up and transport for disposal of concrete and asphalt hardstand.	Water Transfer Station to remain in use throughout the plan period	Agriculture/grazing or other in accordance with the conditions of the EA and in agreement with the landholder (refer to spatial information)

	Excavate gravel and transport to re-use site. Potential contaminated land investigation. Grade and seed of entire footprint. Removal of security fencing.		
General Land Rehabilitation	Maintenance of rehabilitated areas: General maintenance of existing rehabilitation, including weed management, re-seeding, amelioration and minor rehabilitation repairs, as required.	Rehabilitation commenced for approximately 37.1 ha	Agriculture/grazing or other in accordance with the conditions of the EA and in agreement with the landholder (refer to spatial information)
	Bore grouting: Grout seal bore and seed associated area.	Nil, sites are still active	Agriculture/grazing or other in accordance with the conditions of the EA and in agreement with the landholder (refer to spatial information)



Registered Office
Level 30, 180 Ann Street,
Brisbane Qld 4000

Senex Energy Pty Ltd
ABN 50 008 942 827

Postal Address
GPO Box 2233,
Brisbane Qld 4001

Phone: +61 7 3335 9000
Facsimile: +61 7 3335 9999
Web: senexenergy.com.au