Safe Work. Strong Business.

Surat – SGP South Plan of Operations Plan

Environmental Authority: EA0001613

SGP South (PL185, PL493, PL1039, PL1040, PL1041, PL1042, PL1043)

1 November 2024 to 31 October 2029

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Security Classification	Restricted

Please see document administration section for more information

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Contents

1. Introduction

Arrow CSG (Australia) Pty Ltd is the holder of Environmental Authority (EA) EA0001613 for Arrow's Surat Gas Project (SGP) South. This EA authorises petroleum activities within petroleum lease (PL) PL185, PL493, PL1039, PL1040, PL1041, PL1042 and PL1043 which are located southwest of the township of Miles and inside the Dalby surrounding area in Southern Queensland. Arrow is developing these leases for the production of coal seam gas (CSG).

1.1 Purpose and Scope

This Plan of Operations (PoO) has been prepared in accordance with Section 292 of the *Environmental Protection Act 1994* (EP Act), which requires the preparation of a plan of operations for petroleum activities undertaken by Arrow within petroleum leases authorised under EA0001613.

This Plan describes actual activities completed to date, activities currently planned and current data.

1.2 Timeframe

The Plan of Operations is effective for the period of 1 November 2024 to 31 October 2029.

2. Plan of Activities (Existing and Planned)

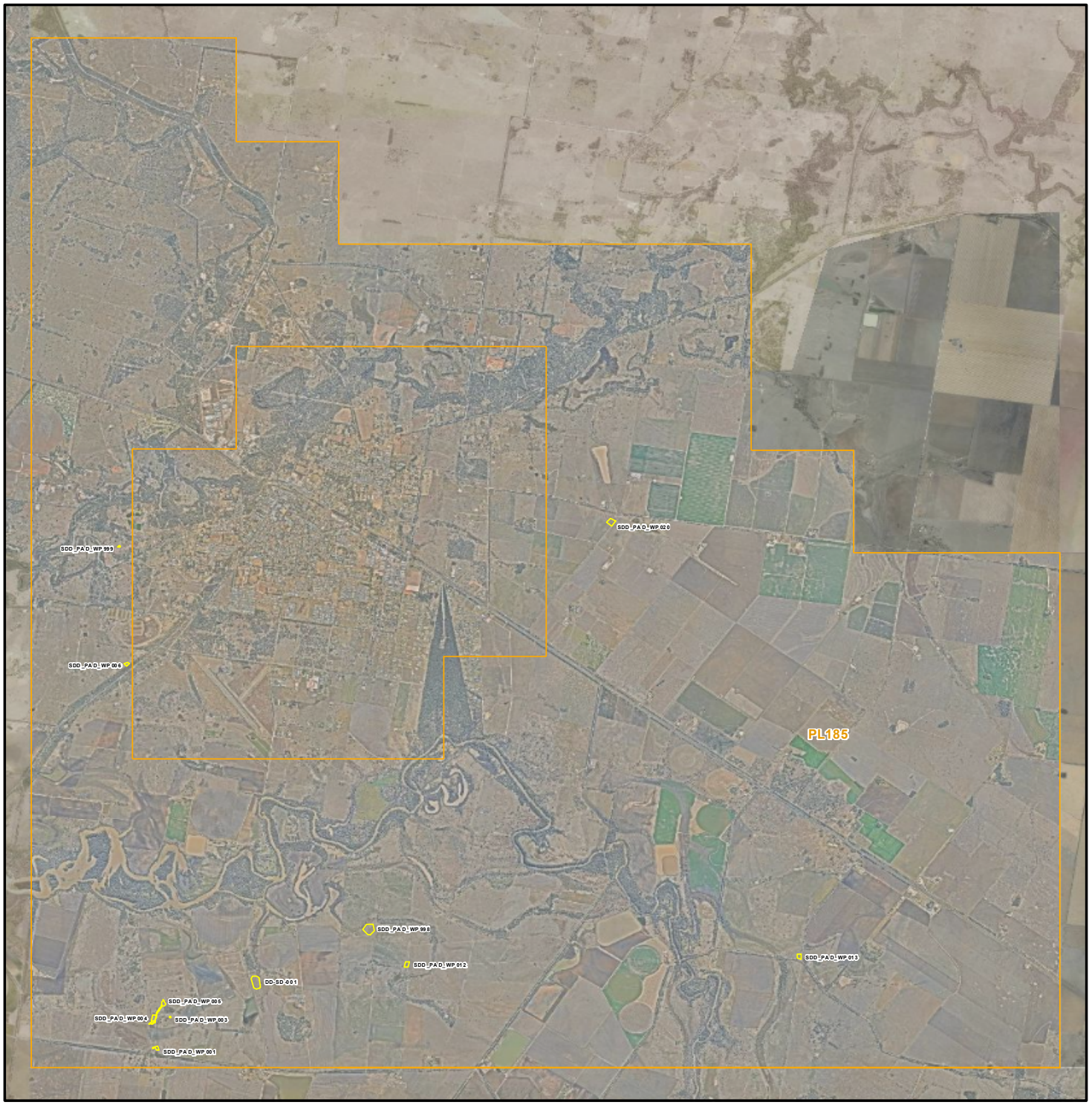
Existing and planned activities including water balance and material balance are described in Table 1 and the estimated rehabilitation cost (ERC) calculator. Existing disturbance on PL185, PL493, PL1039, PL1040, PL1041, PL1042 and PL1043 are also described in the shape files provided with this plan as well as Figures 1-7.

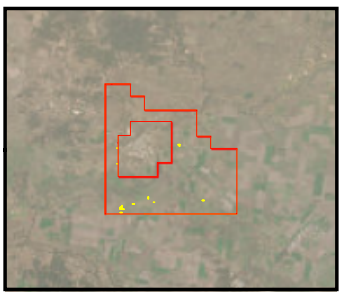
3. Rehabilitation Program

Rehabilitation activities undertaken to date and the rehabilitation plan and schedule are described in Table 2 below.

4. Action Program

Arrows action program for the SGP South EA EA0001613 is provided in Table 3 below.





LOCATION MAP

Legend

- Existing Disturbance
- Petroleum Licence (Arrow)

N

0 0.75 1.5 3 km

Coordinate System: GDA2020

Disturbance PL185

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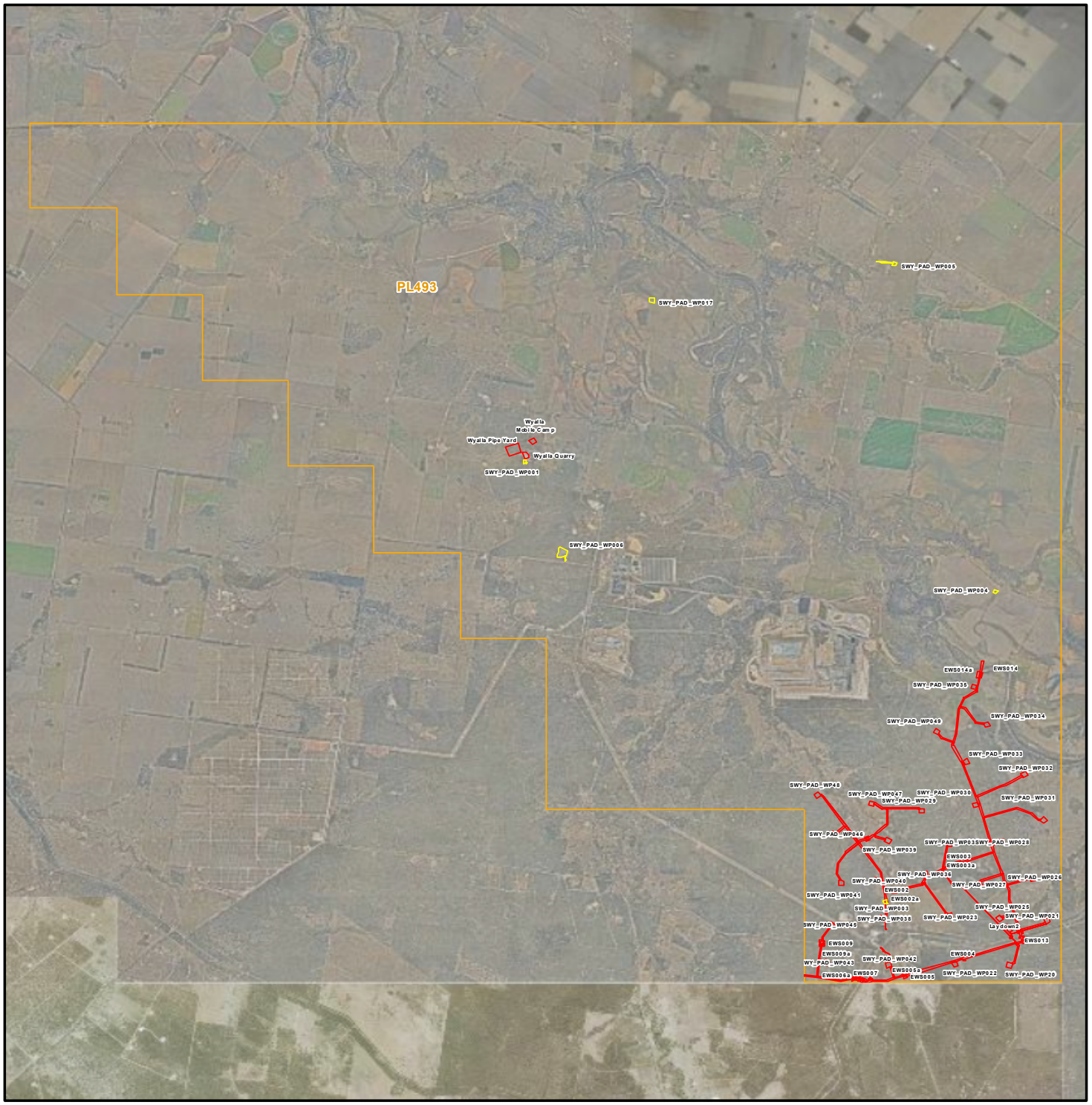
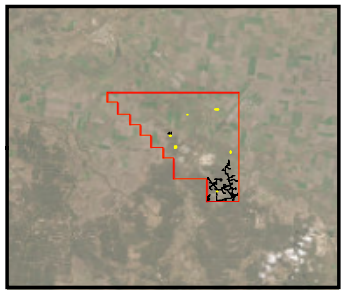
Document: R:\GIS\Geomatics_Team\WORK_REQUESTS\Environment\210726_ERC_PoO_MC\SGPSouth\Disturbance_SGP_South.mxd

Date: 14/08/2024





LOCATION MAP

Legend

- Existing Disturbance
- Proposed Disturbance
- Petroleum Licence (Arrow)

N

0 0.75 1.5 3 km

Coordinate System: GDA2020

Disturbance PL493

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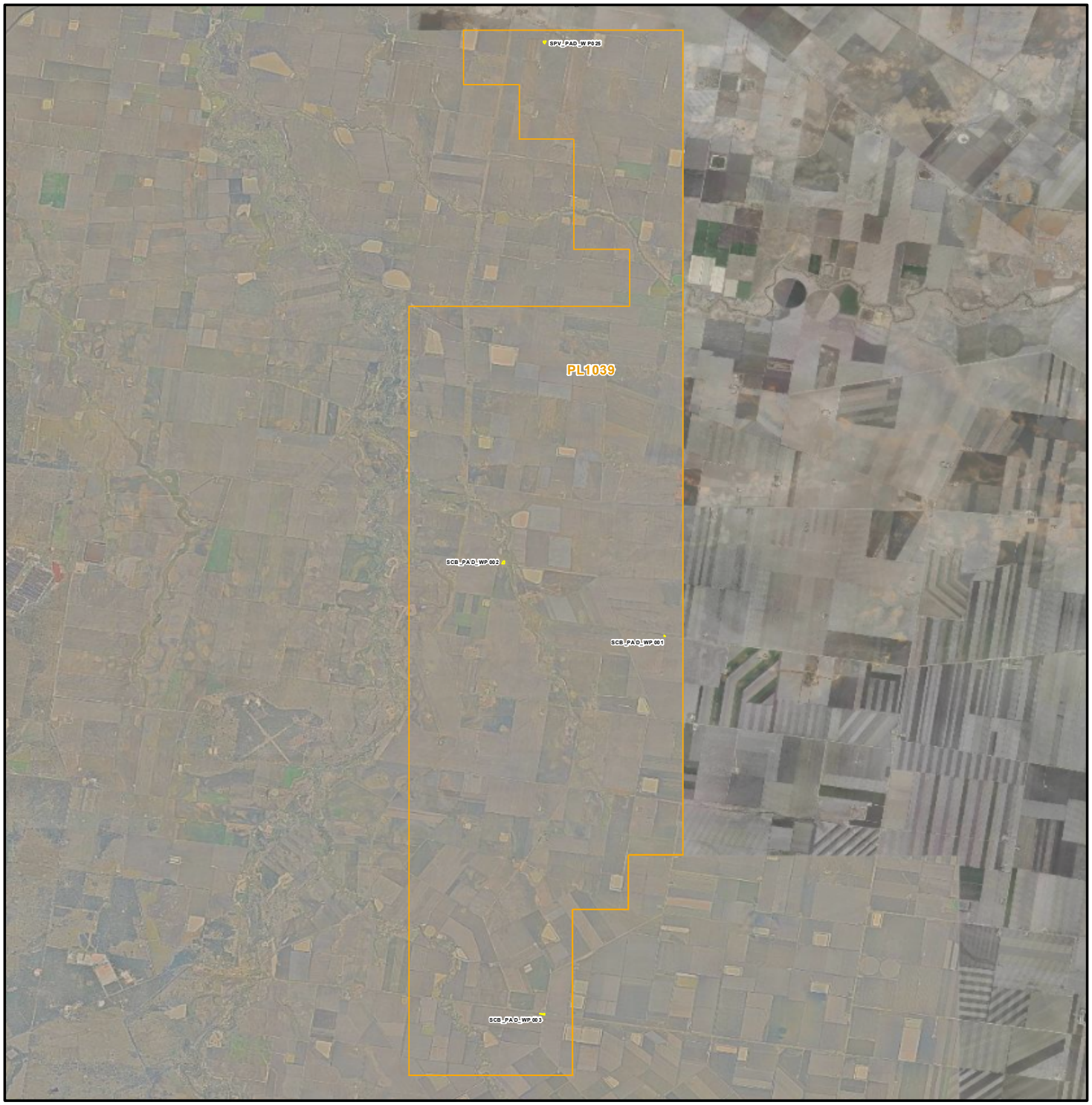

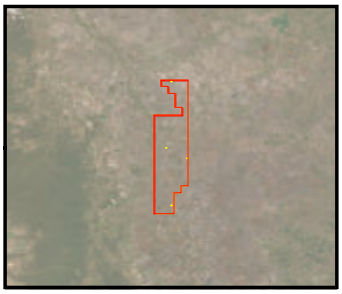

LOCATION MAP

Legend

- Existing Disturbance
- Petroleum Licence (Arrow)

N

0 1.5 3 6 km

Coordinate System: GDA2020

Disturbance PL1039

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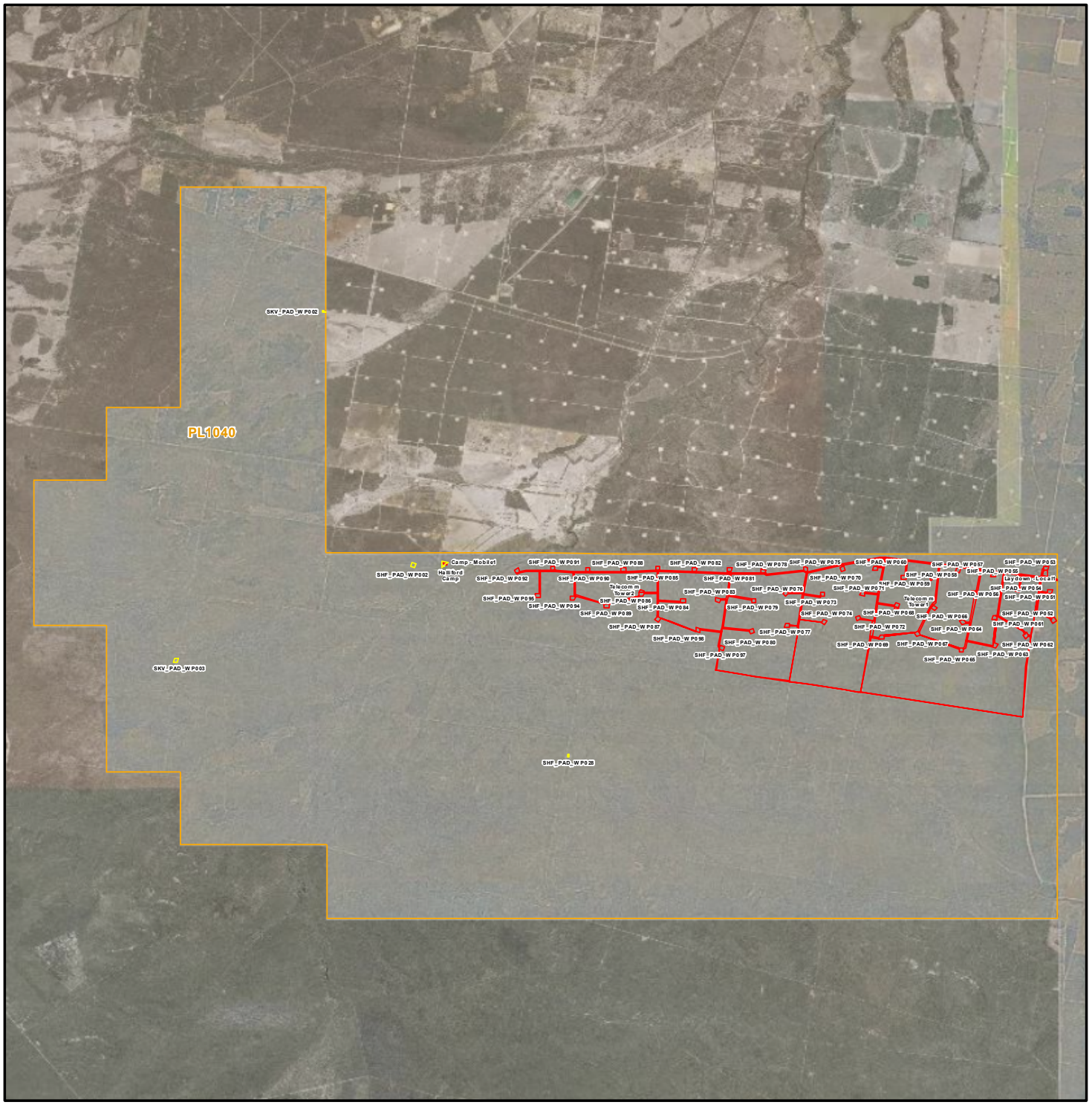
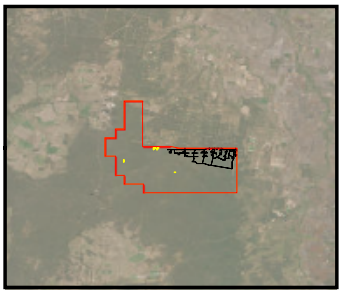
Date: 14/08/2024





LOCATION MAP

Legend

- Existing Disturbance
- Proposed Disturbance
- Petroleum Licence (Arrow)

N

0 1 2 4 km

Coordinate System: GDA2020

Disturbance PL1040

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Date: 14/08/2024

LOCATION MAP

Legend

- Existing Disturbance
- Petroleum Licence (Arrow)

N

0 1.25 2.5 5 km

Coordinate System: GDA2020

Disturbance PL1041

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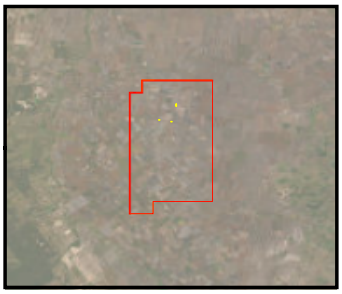
Date: 14/08/2024



LOCATION MAP

Legend

- Existing Disturbance
- Petroleum Licence (Arrow)

N

0 0.75 1.5 3 km

Coordinate System: GDA2020

Disturbance PL1042

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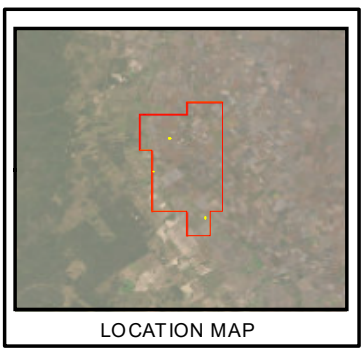
Date: 14/08/2024



LOCATION MAP

Legend

- Existing Disturbance
- Petroleum Licence (Arrow)

N

0 0.75 1.5 3 km

Coordinate System: GDA2020

Disturbance PL1043

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Date: 14/08/2024

Table 1 Plan of Activities (Existing and Planned)

			Existing Activities	Existing	Dis (D1)	Reh (R1)	Reh (R2)	CR (R3)	Proposed Activities	2024	2024	2025	2025	2026	2026
Domain	**Activity Type**	**Tenure (Location)**	**Description of Existing infrastructure**	**Parameters (km)**	**Disturbance Area (ha)**	**Disturbance Area (ha)**	**Disturbance Area (ha)**	**Disturbance Area (ha)**	**Description of proposed infrastructure**	**Parameters (km)**	**Disturbance Area (ha)**	**Parameters (km)**	**Disturbance Area (ha)**	**Parameters (km)**	**Disturbance Area (ha)**
Camps	Temporary Camps	PL185, PL493, PL1039, PL1040, PL1041, PL1042, PL1043	Halliford camp is in use.	0.0	1.07	0.0	0.0	0.0	Two temporary camps are proposed.	0.0	0.0	0.0	1.50	0.0	0.0
Roads, tracks, laydowns and borrow pits	Access track	PL185, PL493, PL1039, PL1040, PL1041, PL1042, PL1043	The majority of existing access tracks are currently in use (D1). Rehabilitation is complete on a small portion of access track (R2).	0.4	1.31	0.0	0.11	0.0	The majority of proposed access tracks will utilise the Right of Way (RoW). 20.42 km of access track will be constructed outside the RoW.	0.0	0.0	20.42	19.81	0.0	0.0
Roads, tracks, laydowns and borrow pits	Laydowns	PL185, PL493, PL1039, PL1040, PL1041, PL1042, PL1043	None	0.0	0.0	0.0	0.0	0.0	Three laydown areas are proposed.	0.0	0.0	0.0	7.84	0.0	0.0
Roads, tracks, laydowns and borrow pits	Borrow Pit	PL185, PL493, PL1039, PL1040, PL1041, PL1042, PL1043	None	0.0	0.0	0.0	0.0	0.0	One area is proposed as a potential borrow pit. If suitable, material will be used for projects within SGP South. Excavation to a depth of 5.0 m over 1.19 ha will result in the removal of approximately 59,500 m3 during the Plan of Operations period.	0.0	0.0	0.0	1.19	0.0	0.0
Power generation and distribution	Communications Tower	PL185, PL493, PL1039, PL1040, PL1041, PL1042, PL1043	None	0.0	0.0	0.0	0.0	0.0	Two communications towers are proposed.	0.0	0.0	0.0	1.00	0.0	0.0
Well pads and associated infrastructure	Well pads	PL185, PL493, PL1039, PL1040, PL1041, PL1042, PL1043	CSG monitoring and plugged and abandoned (P+A) wells are present. Further detail is provided in the ERC calculator and shape files provided.	0.0	0.0	6.23	15.22	0.0	Further detail on proposed wells and pads is provided in the ERC calculator.	0.0	0.0	0.0	73.92	0.0	0.0
Pipelines	Right of Way	PL185, PL493, PL1039, PL1040, PL1041, PL1042, PL1043	Typically gas and water gathering lines share the same Right of Way. Multiple pipelines can be present in the same Right of Way.	2.14	0.0	6.13	0.0	0.0	Proposed gas and water gathering lines will share the same Right of Way.	0.0	0.0	67.66	186.15	0.0	0.0

			Existing Activities	Existing	Dis (D1)	Reh (R1)	Reh (R2)	CR (R3)	Proposed Activities	2024	2024	2025	2025	2026	2026
Domain	**Activity Type**	**Tenure (Location)**	**Description of Existing infrastructure**	**Parameters (km)**	**Disturbance Area (ha)**	**Disturbance Area (ha)**	**Disturbance Area (ha)**	**Disturbance Area (ha)**	**Description of proposed infrastructure**	**Parameters (km)**	**Disturbance Area (ha)**	**Parameters (km)**	**Disturbance Area (ha)**	**Parameters (km)**	**Disturbance Area (ha)**
Pipelines	Gas Pipeline	PL185, PL493, PL1039, PL1040, PL1041, PL1042, PL1043	None	0.0	0.0	0.0	0.0	0.0	Further detail on proposed gas pipeline, including crossing and diameter is provided in the ERC calculator.	0.0	0.0	67.66	0.0	0.0	0.0
Pipelines	Water Pipeline	PL185, PL493, PL1039, PL1040, PL1041, PL1042, PL1043	Detail of existing water pipelines including crossings and diameter is provided in the ERC calculator.	2.14	0.0	0.0	0.0	0.0	Further detail on proposed water pipeline, including crossing and diameter is provided in the ERC calculator.	0.0	0.0	67.66	0.0	0.0	0.0
Water Storage Infrastructure	Non-Regulated Dam	PL185, PL493, PL1039, PL1040, PL1041, PL1042, PL1043	Hillview Dam exists in the project area (see attached regulated dam register). Hillview Dam will remain in care and maintenance throughout the period of this Plan of Operations. Infrastructure will be rehabilitated at the end of its working life or the end of the project. The dam straddles ATP 683 and PL 1041. Further detail on Hillview Dam and water balance is provided in the ERC calculator and shape files provided. 1 unlined non-regulated dam (Dundee Dam 2.5 ha) has been decommissioned and completely rehabilitated (December 2013).	0.0	14.75	0.0	2.5	0.0	No new water infrastructure is proposed.	0.0	0.0	0.0	0.0	0.0	0.0
Additional Activities	Other	PL185, PL493, PL1039, PL1040, PL1041, PL1042, PL1043	None	0.0	0.0	0.0	0.0	0.0	Additional activities include proposed extra work areas.	0.0	0.0	0.0	6.73	0.0	0.0
			Existing disturbance (ha)	**47.32**					**Proposed disturbance (ha)**	**298.14**					

Notes:

1. The lease land is described in the spatial information provided. This includes original land use, post-operational land use, sensitive receptors, and the project boundary. Further information about the land to which the plan applies is provided in Q.7 of the Plan of Operations submission form. 2. The Plan of Activities describes existing and proposed activities. Spatial information for existing activities and their rehabilitation status in accordance with the applicable schema is also provided. 3. Table 2 - The Rehabilitation Program (including plan and schedule) also satisfies the rehabilitation plan requirements of the ERC application form.

Table 2 Rehabilitation Program

			Rehabilitation Program (including Rehabilitation Plan & Schedule)			
Domain	**Activity Type**	**Tenure (Location)**	**Timing**	**Rehabilitation Methodology**	**Rehabilitation Works already undertaken**	**Post-Mining Land Use**
Camps	Temporary Camps	PL185, PL493, PL1039, PL1040, PL1041, PL1042, PL1043	Within 3 months of cessation of use.	All new and existing temporary camps will remain in use throughout the period of this Plan of Operations. Where possible during the period, transitional rehabilitation will be undertaken. Temporary construction and drilling camps are used for the duration of activities and will be rehabilitated after construction has ceased. Soil is compacted and topsoil spread on the surface with amelioration and seeding (occurring within 1-2 months). If required erosion and sediment controls are in place until site is stabilised with regrowth. Monitoring continues for the life of the project.	Halliford camp is in use.	forestry/mining/grazing/cropping
Roads, tracks, laydowns and borrow pits	Access track	PL185, PL493, PL1039, PL1040, PL1041, PL1042, PL1043	End of working life or end of project.	All new and existing access tracks will remain in use throughout the period of this Plan of Operations and will be rehabilitated at the end of the project.	Rehabilitation is complete on a small portion of access track.	forestry/mining/grazing/cropping
Roads, tracks, laydowns and borrow pits	Laydowns	PL185, PL493, PL1039, PL1040, PL1041, PL1042, PL1043	End of working life or end of project.	All new and existing laydown yards will remain in use throughout the period of this Plan of Operations and will be rehabilitated at the end of their working life or at the end of the project.	None	forestry/mining/grazing/cropping
Roads, tracks, laydowns and borrow pits	Borrow Pit	PL185, PL493, PL1039, PL1040, PL1041, PL1042, PL1043	End of working life or end of project.	Rehabilitation of borrow pits includes erosion and drainage control. Re-profiling of significantly disturbed land to a stable landform. Re-spreading of stockpiled topsoil. Species selection and re-establishment of vegetation. Maintenance and monitoring.	None	forestry/mining/grazing/cropping
Power generation and distribution	Communications Tower	PL185, PL493, PL1039, PL1040, PL1041, PL1042, PL1043	End of working life or end of project.	All new and existing communications towers will remain in use throughout the period of this Plan of Operations. Rehabilitation will occur at the end of the project.	None	forestry/mining/grazing/cropping
Well pads and associated infrastructure	Well pads	PL185, PL493, PL1039, PL1040, PL1041, PL1042, PL1043	2024/2025/2026. Each new well footprint will be reduced to an operational area within 3-6 months of construction. Final P&A will occur at the end of the working life of the well. A well pad is only considered fully rehabilitated (not certified) when all wells have been P&A'd.	Arrow undertakes transitional rehabilitation as soon as practicable (usually within 3-6 months) after the completion of an activity causing disturbance to land. This includes regrading and stabilisation: Re-profiling significantly disturbed land to a stable landform similar to the original land contours. Re-establishing surface drainage lines on significantly disturbed land. Re-establishment of vegetation around completed wells. Once the well is constructed the area surrounding the wellhead is stabilised and vegetation commences re-establishment, the disturbed footprint is reduced to an operational area within 6 months. Rehabilitation monitoring is undertaken at appropriate time intervals thereafter. In accordance with the DESI spatial data master schema, in spatial files well pads that have commenced rehabilitation are assigned a status of R1 (rehabilitation commenced) and well pads where all wells have been P&A have a status of R2 (rehabilitation completed not certified). The majority of Arrow infrastructure has an estimated life span of approximately 20 years. Therefore, transitional rehabilitation comprises the majority of rehabilitation activities.	32 wells have been plugged and abandoned on 9 multi-well pads and 23 single well pads. Well pads containing single plugged and abandoned wells have been fully rehabilitated (not certified). An area (3.21 ha) cleared on PL493 for planned activities (that did not proceed) has been completely rehabilitated and is awaiting rehabilitation certification.	forestry/mining/grazing/cropping

			Rehabilitation Program (including Rehabilitation Plan & Schedule)			
Domain	**Activity Type**	**Tenure (Location)**	**Timing**	**Rehabilitation Methodology**	**Rehabilitation Works already undertaken**	**Post-Mining Land Use**
Pipelines	Right of Way	PL185, PL493, PL1039, PL1040, PL1041, PL1042, PL1043	Within 3 months of pipe laying	All new and existing pipelines will remain in use throughout the period of this Plan of Operations and will be rehabilitated at the end of their working life or the end of the project. Once pipe is laid the trench is backfilled, compacted and topsoil spread on surface with amelioration and seeding (occurring within 1-2 months) reducing the ROW to only the access track width (6 m). If required erosion and sediment controls are in place until site is stabilised with regrowth. Monitoring continues for the life of the project.	All existing Right of Way have been rehabilitated to their operational width.	forestry/mining/grazing/cropping
Pipelines	Gas Pipeline	PL185, PL493, PL1039, PL1040, PL1041, PL1042, PL1043	Within 3 months of pipe laying	All new and existing pipelines will remain in use throughout the period of this Plan of Operations and will be rehabilitated at the end of their working life or the end of the project. Once pipe is laid the trench is backfilled, compacted and topsoil spread on surface with amelioration and seeding (occurring within 1-2 months) reducing the ROW to only the access track width (6 m). If required erosion and sediment controls are in place until site is stabilised with regrowth. Monitoring continues for the life of the project.	None to date.	forestry/mining/grazing/cropping
Pipelines	Water Pipeline	PL185, PL493, PL1039, PL1040, PL1041, PL1042, PL1043	Within 3 months of pipe laying	All new and existing pipelines will remain in use throughout the period of this Plan of Operations and will be rehabilitated at the end of their working life or the end of the project. Once pipe is laid the trench is backfilled, compacted and topsoil spread on surface with amelioration and seeding (occurring within 1-2 months) reducing the ROW to only the access track width (6 m). If required erosion and sediment controls are in place until site is stabilised with regrowth. Monitoring continues for the life of the project.	None to date.	forestry/mining/grazing/cropping
Water Storage Infrastructure	Non-Regulated Dam	PL185, PL493, PL1039, PL1040, PL1041, PL1042, PL1043	End of working life or end of project.	All existing water storage infrastructure is in care and maintenance and will remain in use throughout the period of this Plan of Operations. Infrastructure will be rehabilitated at the end of its working life or the end of the project.	1 unlined non-regulated dam (Dundee Dam - 2.5 ha) has been decommissioned and completely rehabilitated (December 2013).	forestry/mining/grazing/cropping
Additional Activities	Other	PL185, PL493, PL1039, PL1040, PL1041, PL1042, PL1043	End of working life or end of project.	Extra Work Areas are used for the duration of (pad/well/pipeline) construction activities and will be rehabilitated at the same time as the pipeline easement once the pipe is laid and the trench backfilled (within 1-2 months). Soil is compacted and topsoil spread on the surface with amelioration and seeding (occurring within 1-2 months). If required erosion and sediment controls are in place until site is stabilised with regrowth. Monitoring continues for the life of the project.	None to date	forestry/mining/grazing/cropping

Table 3 Rehabilitation Program

EA Condition	Internal Process/Management System	Environmental Management Strategies
Schedule A - General Conditions	HSE Management System HSE Standards Compendium - management system standards, personal safety, security and incident response, health and hygiene, environment and process safety. Compliance, Assurance, Incident and Risk Management System (CAIRM). Complaints management system.	Arrow's environmental policy governs the development and implementation of Arrow's HSEMS. The HSEMS is a hierarchical document structure that describes what Arrow can do and how it can do it, to keep its staff and contractors safe and minimise the environmental impact of its activities. It is generally aligned with Australian Standard 4801 and International Standards Organisation 14001. Plans and procedures under the HSEMS manage Arrow's environmental risk in relation to: Air quality, Geology, landform and soils, Landscape and visual amenity, Terrestrial ecology, Groundwater, Surface water, Aquatic ecology, Coal seam gas water, Dams, Noise and vibration, Waste, Cultural heritage, Roads and transport, Agriculture. As necessary standards, procedures, plans, etc. are developed in consideration of industry and Government guidelines. By implementing the HSEMS Arrow ensures that its operations are compliant with all relevant environmental legislation, regulations, licences, permits, standards, approvals and authorities. Deliverables, actions and outcomes, including incidence reporting and tracking, are recorded in CAIRM. The Arrow HSE Standards Compendium - Standards for the management of Health, Safety and Environment (ORG-ARW-HSM-STA-00001) provide a set of consistent and objective requirements that have mandatory application across Arrow's business and contractors. Specifically, the HSE Standards: - Set and formalise expectations to staff and contractors - Define what must be achieved in relation to HSE - Provides auditable criteria - Establishes a basis to continual improvement Arrow maintains a complaint management system to ensure that all complaints are managed in an accountable, transparent, timely and meaningful way. The system includes recording and tracking grievances through an established network of land liaison officers and through Arrow's website, 1800 Community line or email (info@arrow.com.au).
Schedule B - Waste Conditions	HSE MS Standards Compendium – waste, coal seam gas water	Wastes generated through Arrow's activities include: - General waste - commercial, domestic and recyclable wastes including glass, metal, cardboard plastic, and food scraps - Regulated waste - waste oil, oily water or soil, and oily rags, sewage effluent and the offsite disposal of CSG water, brine and residual drill material Arrow's waste management practices are guided by the waste and resource management hierarchy of avoid, reduce, re-use, recycle, recover, treat or dispose. Site waste management guides identify the types of waste, risks and management measures to be implemented, waste management practices and systems required and record keeping.
Schedule C - Noise Conditions	HSE MS Standards Compendium - Amenity. Complaints Management System.	During site selection and prior to disturbance, construction or operational activities being undertaken, Arrow review and identify the locations of activities relative to locations of sensitive receptors, check required separation distances and EA specific noise limits permitted. Where necessary and appropriate noise modelling and/or monitoring is undertaken to ensure compliance with noise conditions.
Schedule D - Air Conditions	HSE MS Standards Compendium – air quality, greenhouse gas, amenity, venting and flaring. Complaints Management System.	Arrow undertakes air quality assessments to inform the development of air emissions criteria and undertakes monitoring as required. A register of fuel burning and combustion equipment is maintained. Dust suppression is a standard requirement of construction projects.

EA Condition	Internal Process/Management System	Environmental Management Strategies
Schedule E - Land Conditions	HSEMS Standards Compendium – chemical management, land management; biodiversity. Pipeline management system. CAIRM. GIS database. Access and Approvals Process. Offset tracking database.	Erosion, sediment control, clean water diversion and soil management are key aspects associated with land disturbance and managed through the development of site-specific erosion and sediment control plans. ESCPs are developed by a suitably qualified person and in accordance with IECA BESC 2008. Pipeline operations and maintenance is undertaken in accordance with the APGA Code of Environmental Practice: Onshore Pipelines (as relevant). Arrow undertakes ecological impact assessments as a prerequisite for site access and prior to commencing significant land disturbance for all of Arrow's development activities. These assessments, including both desktop and/or field assessment as applicable, establish the ecological and biodiversity characteristics of areas that may be disturbed. The assessments are also used to identify site-specific ecological constraints and opportunities (eg sensitive ecological features, areas of high biodiversity value, ESAs, high value waters, weeds and pests, etc.), and management requirements to avoid, minimise or mitigate environmental harm associated with land disturbance activities. Assessments are used to inform site selection, site-specific management plans and procedures (fauna, flora, pest, etc.), future rehabilitation requirements and offsets where residual impacts remain.
Schedule F - Biodiversity Conditions	HSEMS Standards Compendium – chemical management, land management; biodiversity. Pipeline management system. CAIRM. GIS database. Access and Approvals Process. Offset tracking database.	Erosion, sediment control, clean water diversion and soil management are key aspects associated with land disturbance and managed through the development of site-specific erosion and sediment control plans. ESCPs are developed by a suitably qualified person and in accordance with IECA BESC 2008. Pipeline operations and maintenance is undertaken in accordance with the APGA Code of Environmental Practice: Onshore Pipelines (as relevant). Arrow undertakes ecological impact assessments as a prerequisite for site access and prior to commencing significant land disturbance for all of Arrow's development activities. These assessments, including both desktop and/or field assessment as applicable, establish the ecological and biodiversity characteristics of areas that may be disturbed. The assessments are also used to identify site-specific ecological constraints and opportunities (eg sensitive ecological features, areas of high biodiversity value, ESAs, high value waters, weeds and pests, etc.), and management requirements to avoid, minimise or mitigate environmental harm associated with land disturbance activities. Assessments are used to inform site selection, site-specific management plans and procedures (fauna, flora, pest, etc.), future rehabilitation requirements and offsets where residual impacts remain.
Schedule G - Water Conditions	HSE MS Standards Compendium – Biodiversity, Coal seam gas water, land management, waste, groundwater.	Arrow undertakes ecological impact assessments as a prerequisite for site access and prior to commencing significant land disturbance for all of Arrow's development activities. These assessments, including both desktop and/or field assessment as applicable, establish the ecological and biodiversity characteristics of areas, including watercourses, wetlands, lakes and springs that may be disturbed. The assessments are also used to identify site-specific ecological constraints and opportunities (e.g. sensitive ecological features, areas of high biodiversity value, ESAs, high value waters, weeds and pests, etc.), and management requirements to avoid, minimise or mitigate environmental harm associated with land disturbance activities. Assessments are used to inform site selection, site-specific management plans and procedures (fauna, flora, pest, etc.), future rehabilitation requirements and offsets where residual impacts remain. Arrow constructs infrastructure in accordance with specifications developed in consideration of relevant Australian Standards, Codes of Practice (e.g. APGA Code of Environmental Practice) and Guidelines (e.g. Queensland Urban Drainage Manual) document how overland flow / flood flow and site drainage is addressed. Further, Arrow undertakes flood studies and prior to development undertakes site-specific overland flow assessments to mitigate and manage impacts on surface water. As far as possible Arrow seeks to maximise beneficial reuse of CSG water and minimise environmental impacts associated with water use and disposal. It also seeks (where possible) to manage coal seam gas water in such a way as to mitigate the impacts on aquifers. Arrow manages produced CSG water through a combination of water storage dams and water treatment facilities. The treatment facilities allow for the treatment and beneficial use of CSG water generated through production activities. Further, Arrow's Water Services Agreement with QGC allows for produced water to be transferred into the QGC regional water management network for subsequent treatment at QGC's Kenya Water Treatment Facility. Site-specific erosion and sediment control plans developed for individual projects address potential impacts of construction activities on surface water and/or groundwater. Site-specific seepage monitoring programs, including the installation of seepage monitoring bores and plans for early detection of seepage of contaminants, are used to mitigate and manage risks associated with containment facilities.

EA Condition	Internal Process/Management System	Environmental Management Strategies
Schedule H - Rehabilitation Conditions	HSE Standards Compendium - Land Management	Arrow aims to minimises disturbance to vegetation, land, native flora and fauna and farmland and infrastructure (including crops, pastures and stock. Rehabilitation objectives are to facilitate the return of land to a stable state where either the former land use or another specified use as agreed with the State and landowner and in accordance with the EA conditions, can be resumed. Rehabilitation applies to stabilisation of operating areas, decommissioning and final closure rehabilitation to stabilise the land following decommissioning of infrastructure e.g. plugged and abandon wells, as follows: Stabilisation: where land disturbance is undertaken, Arrow ensures that sites are maintained in an appropriate stable condition following completion of construction activities. Stabilisation of disturbed areas is undertaken as practicable following land disturbance. Ongoing monitoring and maintenance is undertaken to ensure the site remains in a stable condition and site records document the areas, volumes, methods and locations. Decommissioning: Following completion of activities infrastructure is decommissioned, and above ground infrastructure removed (subject to alternate arrangements being made with landowners and authorised under the EA). Site-specific decommissioning plans are developed as necessary for large infrastructure such as dams, and for pipeline and gathering networks. Final rehabilitation: sites are rehabilitated (including monitoring) to achieve final rehabilitation acceptance criteria, are non-polluting, provide a stable landform and can sustain the current use of the land with no further mitigation or management measures required beyond the normal management of the land.
Schedule I - Well construction, maintenance and stimulation activities conditions	The Well delivery team has several Standards, Guidelines, Management Plans, Manuals & Forms that address these conditions.	Wells Competency Framework, Code of Practice for the construction and abandonment of coal seam gas and petroleum wells, and associated bores in Queensland, Code of Practice for Leak management, detection and reporting for petroleum production facilities, DNRME Competency Standard for petroleum and gas well drilling. P&G Act, P&G Regulations.
Schedule J - Regulated Dam Conditions	HSE MS Standards Compendium - Coal Seam Gas Water.	Arrow manages dams as part of its water management system, providing operational storage or water balance capacity to ensure containment of coal seam gas water. Arrow maintains a regulated dam register that documents the names, types, consequence category, dimensions, storage capacity, certification by suitably qualified and experienced persons and inspections. Annual inspections are undertaken to ensure structural soundness and compliance with performance standards. Procedures and criteria used for operating dams, including management, maintenance and monitoring are defined in individually developed asset operating plans. These operating plans include: operating guidelines, emergency management, inspections checklists, regulatory reporting and notification requirements, the surface and groundwater monitoring programs developed.