Government of Western Australia
Department of Water and Environmental Regulation

Amended Licence

Licence number	L8731/2013/1
Licence holder	Santos WA Energy Limited
ACN	009 301 964
Registered business address	60 Flinders Street ADELAIDE SA 5000
DWER file number	DER2016/001677-1
Duration	22/07/2013 to 21/07/26
Date of issue	18/07/2013
Date of amendment	16/08/2023
Premises details	Devil Creek Gas Plant Forty Mile Beach Road MARDIE WA 6714 Legal description - Lots 5001 and 5002 on Deposited Plan 53412, and Lot 5008 on Deposited Plan 53413 Certificate of Title Volume 3154 Folios 221, 222 and 228 As defined by the premises map in Schedule 1

Prescribed premises category description (Schedule 1, *Environmental Protection Regulations 1987*)	**Assessed production / design capacity**
Category 10: Oil or gas production from wells - premises, whether on land or offshore, on which crude oil, natural gas or condensate is extracted from below the surface of the land or the seabed, as the case required, and is treated or separated to produce stabilised crude oil, purified natural gas or liquefied hydrocarbon gases	1 590 761 tonnes per annual period
Category 34: Oil or gas refining - premises on which crude oil, condensate or gas is refined or processed.	1 590 761 tonnes per annual period

This licence is granted to the licence holder, subject to the attached conditions, on 16 August 2023, by:

Amine Fisher
Digitally signed by Amine Fisher
Date: 2023.08.16 10:45:12 +08'00'

A/Manager Process Industries
an officer delegated under section 20 of the *Environmental Protection Act 1986* (WA)

Licence history

The licences and works approvals issued for the premises since 6/11/2009 are:

Reference number	Date	Summary of changes
W4560/2009/1	6/11/2009	New application.
W4560/2009/1	6/1/2011	Amendment to include metal coating and abrasive blasting.
W4560/2009/1	6/9/2012	Amendment to extend the expiry date to allow further commissioning.
W4560/2009/1	2/5/2013	Amendment to extend the expiry date.
L8731/2013/1	18/7/2013	Licence for the facility established under W4560/2009/1.
L8731/2013/1	4/2/2016	Amendment to update licence template, add category 34, update premises maps and remove redundant conditions
L8731/2013/1	29/4/2016	Amendment to extend the expiry date by general notice from 26 July 2018 to 26 July 2026.
L8731/2013/1	22/2/2019	Transfer of Licence from Quadrant Energy Australia Limited to Santos WA Energy Limited
L8731/2013/1	23/4/2019	Amendment Notice 1 - to replace two existing gas turbine generation units with more efficient gas engine alternator units and addition of back-up power generation diesel generators as authorised point sources of air emissions
L8731/2013/1	6/01/2023	DWER initiated amendment to temporarily reduce the freeboard of the four Evaporation Ponds from 800 mm to 650 mm due to a temporary increase in the volume of production water being produced associated with State gas supply issues.
L8731/2013/1	11/01/2023	Amendment to temporarily reduce the freeboard of the four Evaporation Ponds from 800 mm to 500 mm due to a temporary increase in the volume of production water being produced associated with State gas supply issues. During the amendment the department also updated the format and appearance of the licence to the current format and incorporated previous amendment notices. The obligations of the licence holder have not changed in making these administrative amendments.
L8731/2013/1	10/02/2023	Amendment to extend the time period for operation of the evaporation ponds at a reduced freeboard of 500 mm to 14 August 2023 due to continued State gas supply issues and increased production water volumes.

Reference number	Date	Summary of changes
L8731/2013/1	16/08/2023	Amendment to permanently reduce the freeboard of the evaporation ponds from 800 mm to 500 mm and to authorise construction and operation of a fifth evaporation pond.

Licence conditions

1 General

1.1 Interpretation

In this licence:

(a) the words 'including', 'includes' and 'include' in conditions mean "including but not limited to", and similar, as appropriate;

(b) where any word or phrase is given a defined meaning, any other part of speech or other grammatical form of that word or phrase has a corresponding meaning;

(c) where tables are used in a condition, each row in a table constitutes a separate condition;

(d) any reference to an Australian or other standard, guideline, or code of practice in this licence:

(i) if dated, refers to that particular version; and

(ii) if not dated, refers to the latest version and therefore may be subject to change over time;

(e) unless specified otherwise, any reference to a section of an Act refers to that section of the EP Act; and

(f) unless specified otherwise, all definitions are in accordance with the EP Act.

NOTE: This licence requires specific conditions to be met but does not provide any implied authorisation for other emissions, discharges, or activities not specified in this licence.

1.1.1 In the Licence, definitions from the *Environmental Protection Act 1986* apply unless the contrary intention appears.

1.1.2 For the purposes of this Licence, unless the contrary intention appears:

'Act' means the *Environmental Protection Act 1986;*

'annual period' means the inclusive period from 1 July until 30 June in the following year;

'AS 4323.1' means the Australian Standard AS4323.1 *Stationary Source Emissions Method 1: Selection of sampling positions;*

'AS/NZS 5667.1' means the Australian Standard AS/NZS 5667.1 *Water Quality – Sampling – Guidance of the Design of sampling programs, sampling techniques and the preservation and handling of samples;*

'AS/NZS 5667.11' means the Australian Standard AS/NZS 5667.11 *Water Quality – Sampling – Guidance on sampling of groundwaters;*

'averaging period' means the time over which a limit is measured or a monitoring result is obtained;

'CEO' means Chief Executive Officer of the Department of Water and Environmental Regulation;

'CEO' for the purpose of correspondence means:

Director General
Department Administering the *Environmental Protection Act 1986*
Locked Bag 10
JOONDALUP DC WA 6919
or:
info@dwer.wa.gov.au

'civil engineer' means a person who holds a tertiary academic qualification in engineering and has a minimum of 5 years experience working in their area of expertise

'freeboard' means the distance between the maximum water surface elevations and the top of retaining banks or structures at their lowest point;

'HDPE' means high density polyethylene;

'Licence' means this Licence numbered L8731/2013/1 and issued under the Act;

'Licence Holder' means the person or organisation named as Licence Holder on page 1 of the Licence;

'MDD' means maximum dry density

'mm' means millimetres

'monthly' means undertaken in each monthly period such that there are at least 15 days in between the days on which samples are taken in successive months;

'NATA' means the National Association of Testing Authorities, Australia;

'NATA accredited' means in relation to the analysis of a sample that the laboratory is NATA accredited for the specified analysis at the time of the analysis;

'non-standard flaring event' means any event where a plant blowdown is initiated to safely de-pressure plant and equipment in the event of an emergency;

'normal operating conditions' means any operation of a particular process (including abatement equipment) excluding start-up, shut-down and upset conditions, in relation to stack sampling or monitoring;

'NOx' means oxides of nitrogen, calculated as the sum of nitric oxide and nitrogen dioxide and expressed as nitrogen dioxide;

'OMC' means optimum moisture content

'Premises' means the area defined in the Premises Map in Schedule 1 and listed as the Premises address on page 1 of the Licence;

'ppmv' means a concentration expressed on a volume per volume basis and generally only used for atmospheric or gaseous measurements and reporting;

'Schedule 1' means Schedule 1 of this Licence unless otherwise stated;

'Schedule 2' means Schedule 2 of this Licence unless otherwise stated;

'shut-down' means the period when plant or equipment is brought from normal operating conditions to inactivity;

'spot sample' means a discrete sample representative at the time and place at which the sample is taken;

'stack test' means a discrete set of samples taken over a representative period at normal operating conditions;

'start-up' means the period when plant or equipment is brought from inactivity to normal operating conditions;

'STP dry' means standard temperature and pressure (0^{o}Celsius and 101.325 kilopascals respectively), dry;

'suitably qualified engineer' means a person who:
(a) holds a tertiary academic qualification in civil or geotechnical engineering; and
(b) has a minimum of five years' experience working in the area / field of design engineering and certification of dams.

'TRH' means Total Recoverable Hydrocarbons;

'USEPA' means United States (of America) Environmental Protection Agency;

'USEPA Method 7E' means the promulgated Test Method 7E – Determination of Nitrogen Oxides Emissions From Stationary Sources (Instrumental Analyzer Procedure);

'USEPA Method 10' means the promulgated Test Method 10 – Determination of Carbon Monoxide Emissions from Stationary Sources (Instrumental Analyzer Procedure);

'usual working day' means 0800 – 1700 hours, Monday to Friday excluding public holidays in Western Australia; and

'µS/cm' means microsiemens per centimetre.

1.1.3 Any reference to an Australian or other standard in the Licence means the relevant parts of the standard in force from time to time during the term of this Licence.

1.1.4 Any reference to a guideline or code of practice in the Licence means the version of that guideline or code of practice in force from time to time, and shall include any amendments or replacements to that guideline or code of practice made during the term of this Licence.

1.1.5 Nothing in the Licence shall be taken to authorise any emission that is not mentioned in the Licence, where the emission amounts to:
(a) pollution;
(b) unreasonable emission;
(c) discharge of waste in circumstances likely to cause pollution; or
(d) being contrary to any written law.

1.2 General Conditions

1.2.1 The Licence Holder shall operate and maintain all pollution control and monitoring equipment to the manufacturer's specification or any relevant and effective internal management system.

1.2.2 The Licence Holder shall immediately recover, or remove and dispose of spills of environmentally hazardous materials outside an engineered containment system.

1.3 Premises operation

1.3.1 The Licence Holder shall ensure that treated wastewater and site drainage is only stored in areas with the infrastructure specified in Table 1.3.1.

Table 1.3.1: Containment infrastructure

Containment cell and reference	Material	Infrastructure requirements
Evaporation Ponds 1, 2, 3, 4 and 5	Treated produced formation water, treated hydrocarbon contaminated water from the Contaminated Water Pond and treated sewage from the Devil Creek Accommodation Village	Evaporation ponds lined with HDPE liner installed over compacted clay liner to achieve a permeability of at least $1x10^{-9}$ m/s and a minimum top of embankment freeboard of 500 millimetres.
Clean Water Pond (L1)	Run-off water from areas with low risk of hydrocarbon contamination	Unlined pond to be maintained with a minimum top of embankment freeboard of 800 millimetres
First Flush Pond (E5)	Site run-off water from sealed roads in the central process area that is potentially contaminated with hydrocarbons	HDPE lined pond to be maintained with a minimum top of embankment freeboard of 600 millimetres
Contaminated Pond (E6)	Site drainage from kerbed areas and tank bunds	HDPE lined pond to be maintained with a minimum top of embankment freeboard of 600 millimetres

1.3.2 The Licence Holder must ensure that the site infrastructure listed in Table 1.3.2 and located at the corresponding infrastructure location is maintained and operated in accordance with the corresponding operational requirements set out in Table 1.3.2.

Table 1.3.2: Infrastructure operational requirements

Infrastructure	Operational requirements	Location
Evaporation Ponds 1, 2, 3 4 and 5	• Each pond shall be operated with a minimum top of embankment freeboard of no less than 500 mm. • Water shall not be discharged into any pond which has a freeboard of 500 mm or less. • Visible freeboard markers shall be maintained on the pond walls at a depths of 500 mm and 600 mm below the top of embankment. • Monitoring of the water levels in the ponds shall be undertaken at minimum on a daily basis. • Visual inspections of the pond integrity shall be undertaken at minimum on a weekly basis. • Pond 5 must not be operated prior to submission of the Environmental Compliance Report required by condition 1.4.2. • The underdrainage inspection pipe on pond 5 shall be inspected for the presence of seepage at minimum on a weekly basis. • A written record of all pond monitoring and inspection events shall be maintained.	Within the areas labelled 'Evaporation Ponds' and 'Proposed Evaporation Pond' (Pond 5) in Schedule 1 Figure 1

1.4 Infrastructure construction requirements

1.4.1 The licence holder must construct the infrastructure listed in Table 1.4.1, in accordance with.

(a) the corresponding design and construction/installation requirements; and

(b) at the corresponding infrastructure location,

as set out in Table 1.4.1.

Table 1.4.1: Design and construction requirements requirements

Infrastructure	Design and construction requirements	Infrastructure location
Evaporation pond 5	• The pond must be constructed in accordance with the plan in Schedule 1 Figure 4. • The pond must have an approximate storage volume of 23,500 m^3 with a 500 mm freeboard. • Pond embankments must be constructed of compacted in-situ soils to 1(V):2(H) to an embankment height of approximately 0.5 m above ground level. • Pond foundation must be constructed with a minimum 300 mm base compacted to achieve an average compaction of 95% MDD at a moisture content of 0 to 3% of OMC • Pond embankments and foundations which will be lined must be cleared of sharp objects or other materials which may damage the liner prior to installation • An under drainage/ monitoring layer must be established between the pond foundation and HDPE geomembrane liner comprising three or more Megaflow® pipes installed in trenches infilled with blue metal which drain to an inspection pipe. • The pond embankments and foundations must be lined with a HDPE geomembrane liner which complies with the following requirements ○ Minimum thickness of 1.00 mm; ○ Specific gravity of 0.94 or more; ○ Melt index of 0.05 g to 0.30 g in 10 minutes; ○ Carbon black content of 2-3%; ○ Minimum tensile strength at yield of 16,000 kN/m^2; ○ Minimum tensile strength at break of 550 kN/m^2; ○ Minimum elongation at yield of 10%, and at break 300%; ○ The liner shall be fabricated to form the shape of the excavation; ○ All seams and joints must be continuous; ○ Joints must be heat welded; ○ Panels of the liner shall be overlapped by a minimum of 100 mm, prior to heat welding; ○ Membrane welding materials must	Within the area labelled 'Proposed Evaporation Pond' in Schedule 1 Figure 1

Infrastructure	Design and construction requirements	Infrastructure location
	be supplied by the liner manufacturer and must be identical with the liner membrane; ○ All seams and joints must be constructed and tested as water tight over their full length using a vacuum test unit, air pressure testing or other approved method used in the HDPE industry; • The HDPE geomembrane liner must be anchored to the embankment crest via an anchoring trench. • The HDPE geomembrane liner must be underlain by a BIDIM A24 geotextile cloth (or similar). • Perimeter fencing must be established around the pond.	

1.4.2 The licence holder must within 30 calendar days of the infrastructure required by condition 1.4.1 being constructed.

(a) undertake an audit of their compliance with the requirements of condition 1.4.1; and

(b) prepare and submit to the CEO an Environmental Compliance Report on that compliance.

1.4.3 The Environmental Compliance Report required by condition 1.4.2, must include as a minimum the following:

(a) certification by a suitably qualified civil engineer that the items of infrastructure or component(s) thereof, as specified in condition 1.4.1, have been constructed in accordance with the relevant requirements specified in condition 1.4.1;

(b) as constructed plans and a detailed site plan for each item of infrastructure or component of infrastructure specified in condition 1.4.1; and

(c) be signed by a person authorised to represent the works approval holder and contains the printed name and position of that person.

2 Emissions

2.1 General

2.1.1 The Licence Holder shall record and investigate the exceedance of any descriptive or numerical limit specified in any part of this licence.

2.2 Point source emissions to air

2.2.1 The Licence Holder shall ensure that where waste is emitted to air from the emission points in Table 2.2.1 and identified on the Map of emission points in Schedule 1 it is done so in accordance with the conditions of this licence.

Table 2.2.1: Emission points to air		
Emission point reference and location on Map of emission points	**Emission Point**	**Emission point height (m)**
A1	Power generator stack (G9001)	13
A2	Power generator stack (G9002)	13
A3	Compressor 1 stack (K3100)	13
A4	Compressor 2 stack (K3200)	13
A5	Elevated flare (high pressure and low pressure)	48
G9000	Emergency back-up power diesel generator (G9000)	3m
G9005	Stand-by diesel Generator (G9005)	3m
G9011	Power generator stack (9011)	5.2m
G9012	Power generator stack (9012)	5.2m
G9013	Power generator stack (9013)	5.2m

2.2.2 The Licence Holder shall take the specified management action in the case of an event in Table 2.2.2.

Table 2.2.2: Management actions			
Emission point reference	**Event/ action reference**	**Event**	**Management action**
A1 – A5 G9000 G9005 G9011 G9012 G9013	EA1	Start up, shut down, upset or emergency conditions	The Licence Holder shall take all practical measures to minimise emissions

2.2.3 The Licence Holder shall only operate Power Generator G9001 or Power Generator G9002 as back-up power following the installation and commissioning of Power Generators G9011, G9012 or G9013

2.3 Emissions to land

2.3.1 The Licence Holder shall ensure that where waste is emitted to land from the emission points in Table 2.3.1 and identified on the Map of emission points in Schedule 1 it is done so in accordance with the conditions of this licence.

Table 2.3.1: Emissions to land		
Emission point reference and location on Map of emission points	**Description**	**Source**
L1	Discharge from the Clean Water Pond onto adjacent land	Uncontaminated stormwater collected in the Clean Water Pond

2.3.2 The Licence Holder shall not cause or allow emissions to land greater than the limits listed in Table 2.3.2.

Table 2.3.2: Emission limits to land			
Emission point reference	**Parameter**	**Limit (including units)**	**Averaging period**
L1	TRH	15 mg/L	Spot sample

3 Monitoring

3.1 General monitoring

3.1.1 The Licence Holder shall ensure that:
(a) all water samples are collected and preserved in accordance with AS/NZS 5667.1;
(b) all groundwater sampling is conducted in accordance with AS/NZS 5667.11;
(c) all laboratory samples are submitted to and tested by a laboratory with current NATA accreditation for the parameters being measured unless indicated otherwise in the relevant table.

3.1.2 The Licence Holder shall ensure that annual monitoring is undertaken at least 9 months apart.

3.1.3 The Licence Holder shall record production or throughput data and any other process parameters relevant to any monitoring undertaken.

3.1.4 The Licence Holder shall ensure that all monitoring equipment used on the Premises to comply with the conditions of this Licence is calibrated in accordance with the manufacturer's specifications.

3.1.5 The Licence Holder shall, where the requirements for calibration cannot be practicably met, or a discrepancy exists in the interpretation of the requirements, bring these issues to the attention of the CEO accompanied with a report comprising details of any modifications to the methods.

3.2 Monitoring of point source emissions to air

3.2.1 The Licence Holder shall undertake the monitoring in Table 3.2.1 according to the specifications in that table.

Table 3.2.1: Monitoring of point source emissions to air

Emission point reference	Parameter	Units[1, 3]	Averaging period	Frequency[2]	Method
A1 – A4	NO_x	ppmv	30 minutes	Annual	USEPA Method 7E
	CO	Ppmv	30 minutes	Annual	USEPA Method 10
A5	Mass of exit gas	Tonnes	Annual	Cumulative	National Greenhouse and Energy Reporting (Measurement) Determination 2008

Note 1: All units are referenced to STP dry
Note 2: Monitoring shall be undertaken to reflect normal operating conditions and any limits or conditions on inputs or production.
Note 3: Concentration units are referenced to 15% O_2

3.2.2 The Licence Holder shall ensure that all non-continuous sampling and analysis undertaken pursuant to condition 3.2.1 is undertaken by a holder of NATA accreditation for the relevant methods of sampling and analysis.

3.3 Monitoring of emissions to land

3.3.1 The Licence Holder shall undertake the monitoring in Table 3.3.1 according to the specifications in that table.

Table 3.3.1: Monitoring of emissions to land

Emission point reference	Parameter	Units	Frequency
L1	TRH	mg/L	Prior to discharge from the Clean Stormwater Pond

3.4 Ambient environmental quality monitoring

3.4.1 The Licence Holder shall undertake the monitoring in Table 3.4.1 according to the specifications in that table.

Table 3.4.1: Monitoring of ambient groundwater quality					
Monitoring point reference and location on Map of monitoring locations	**Parameter**	**Units**	**Averaging period**	**Frequency**	**Reportable event criteria**
MW-1 to MW-8	Electrical Conductivity[1]	µS/cm	Spot sample	Monthly	≥10,000 µS/cm
	pH[1]	pH units		Annually	NA
	Dissolved Oxygen[1]	mg/L			
	Ammonia				
	Boron				
	TRH				
	Arsenic				
	Cadmium				
	Chromium				
	Copper				
	Cobalt				
	Lead				
	Mercury				
	Molybdenum				
	Nickel				
	Tin				
	Selenium				
	Zinc				
	Manganese				
	Antimony				
	Beryllium				
	Barium				
	Fluoride				
	Nitrogen				
	Phosphorus				
	Hydrogen sulphide				
	Ethyl glycol				
	TRH				
	Benzene				
	Toluene				
	Ethylbenzene				
	Xylene				

Note 1: In-field non-NATA accredited analysis permitted.

3.4.2 The licence holder must within 14 calendar days of the receipt of results of monitoring conducted pursuant to condition 3.4.1 which exceed the reportable event criteria specified in Table 3.4.1:

(a) undertake ambient ground water quality in accordance with Table 3.4.1 at the relevant monitoring location(s) where the exceedance occurred;

(b) conduct an investigation into the likely cause of the exceedance(s); and

(c) prepare and submit to the CEO a written notification of the exceedance(s) which includes,

(i) the details of the exceedance including the date when the exceedance occurred, and the relevant monitoring results;

(ii) the results of ambient groundwater monitoring conducted pursuant to condition 3.4.2(a);

(iii) the details and result of the investigation undertaken into the cause of the exceedance undertaken pursuant to condition 3.4.2(b); and

(iv) the details of any management actions including timeframes that have been taken, or will be taken, to prevent the exceedance occurring again and for the purpose of minimising the likelihood of pollution or environmental harm.

4 Information

4.1 Records

4.1.1 All information and records required by the Licence shall:
(a) be legible;
(b) if amended, be amended in such a way that the original and subsequent amendments remain legible or are capable of retrieval;
(c) except for records listed in 4.1.1(d) be retained for at least 6 years from the date the records were made or until the expiry of the Licence or any subsequent licence; and
(d) for those following records, be retained until the expiry of the Licence and any subsequent licence:
(i) off-site environmental effects; or
(ii) matters which affect the condition of the land or waters.

4.1.2 The Licence Holder shall ensure that:
(a) any person left in charge of the Premises is aware of the conditions of the Licence and has access at all times to the Licence or copies thereof; and
(b) any person who performs tasks on the Premises is informed of all of the conditions of the Licence that relate to the tasks which that person is performing.

4.1.3 The Licence Holder shall complete an Annual Audit Compliance Report indicating the extent to which the Licence Holder has complied with the conditions of the Licence, and any previous licence issued under Part V of the Act for the Premises for the previous annual period.

4.1.4 The Licence Holder shall implement a complaints management system that as a minimum records the number and details of complaints received concerning the environmental impact of the activities undertaken at the Premises and any action taken in response to the complaint.

4.1.5 During any non-standard flaring event, the licence shall record the following information:
(i) information as to why the flaring was required;
(ii) the date, time and duration of flaring;
(iii) type of gas/product flared;
(iv) estimated volume of gas/product flared; and
(v) emissions of dark smoke during flaring.

4.2 Reporting

4.2.1 The Licence Holder shall submit to the CEO an Annual Environmental Report by 30 September in each year. The report shall contain the information listed in Table 4.2.1 in the format or form specified in that table.

Table 4.2.1: Annual Environmental Report

Condition or table (if relevant)	Parameter	Format or form
-	Summary of any failure or malfunction of any pollution control equipment and any environmental incidents that have occurred during the annual period and any action taken	None specified
Table 1.3.2	A summary of the outcomes of pond monitoring and inspections.	None specified
Table 3.2.1	Monitoring results – point source emissions to air (NO_x, CO and mass of exit gas)	None specified
Table 3.3.1	Monitoring results of stormwater discharge (TRH)	None specified
Table 3.4.1	pH, Electrical Conductivity, Dissolved Oxygen, Arsenic, Cadmium, Chromium, Copper, Cobalt, Lead, Mercury, Molybdenum, Nickel, Tin, Selenium, Zinc, Manganese, Antimony, Beryllium, Barium, Boron, Fluoride, Nitrogen, Phosphorus, Hydrogen sulphide, Ethyl glycol, TRH, Benzene, Toluene, Ethylbenzene and Xylene	None specified
4.1.3	Compliance	Annual Audit Compliance Report (AACR)[1]
4.1.4	Complaints summary	None specified
4.1.5	Summary of flaring events	None specified

Note 1: AACR form can be found in the DWER website

4.2.2 The Licence Holder shall ensure that the Annual Environmental Report also contains:
(a) an assessment of the information contained within the report against previous monitoring results and Licence limits; and
(b) a summary of the plant's operating performance (included throughputs) for the annual period.

4.3 Notification

4.3.1 The Licence Holder shall ensure that the parameters listed in Table 4.3.1 are notified to the CEO in accordance with the notification requirements of the table.

Table 4.3.1: Notification requirements

Condition or table (if relevant)	Parameter	Notification requirement[1]	Format or form[2]
-	Any non-standard flaring event	Part A: As soon as practicable but no later than 5pm of the next usual working day. Part B: As soon as practicable	N1
2.1.1 1.3.1 1.3.2	Breach of any limit specified in the Licence		
3.1.5	Calibration report	As soon as practicable.	None specified

Note 1: Notification requirements in the Licence shall not negate the requirement to comply with s72 of the Act

Note 2: Forms are in Schedule 2

Schedule 1: Maps

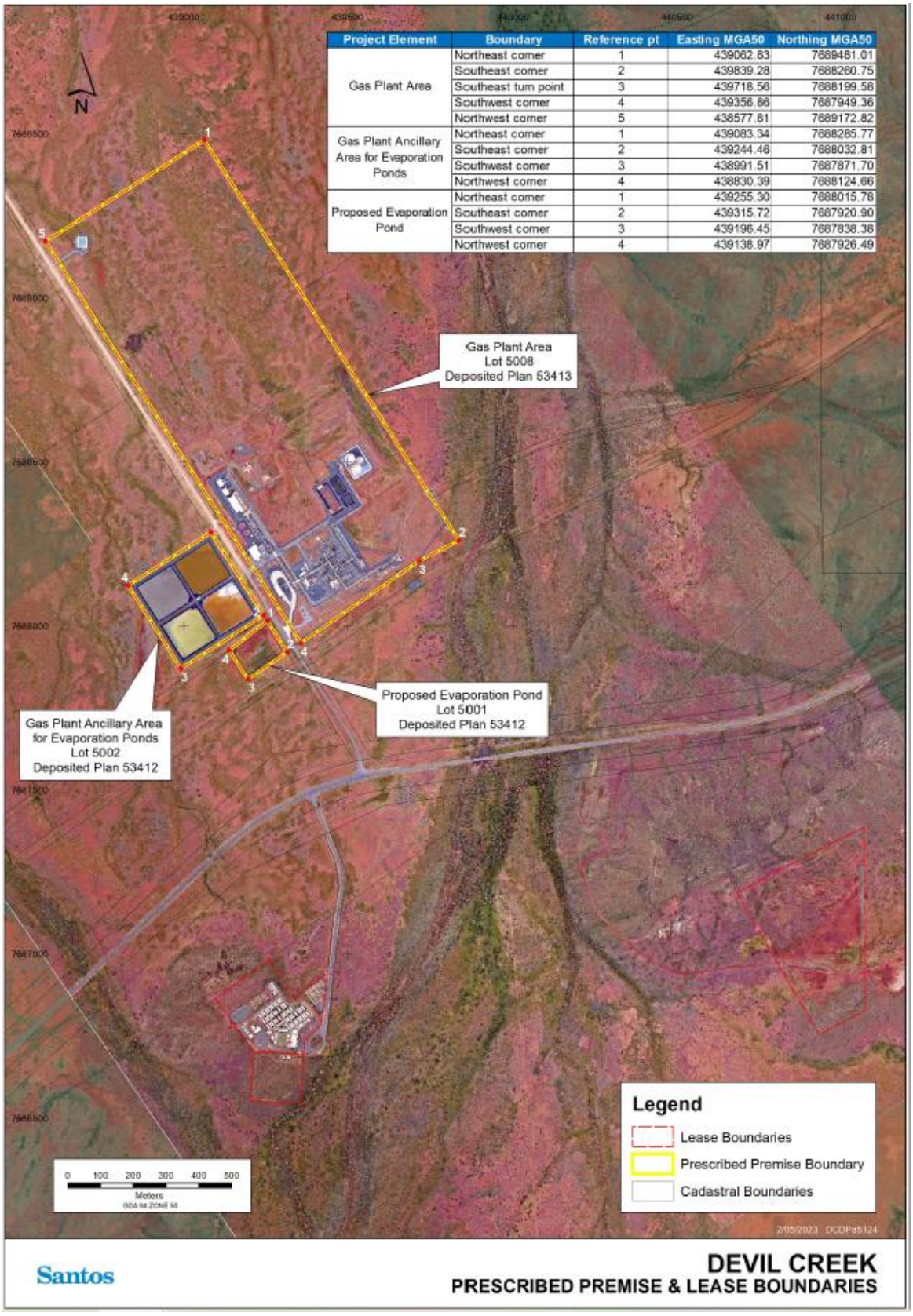

Figure 1: Premises map

The Premises is shown in the map above. The yellow line depicts the Premises boundary.

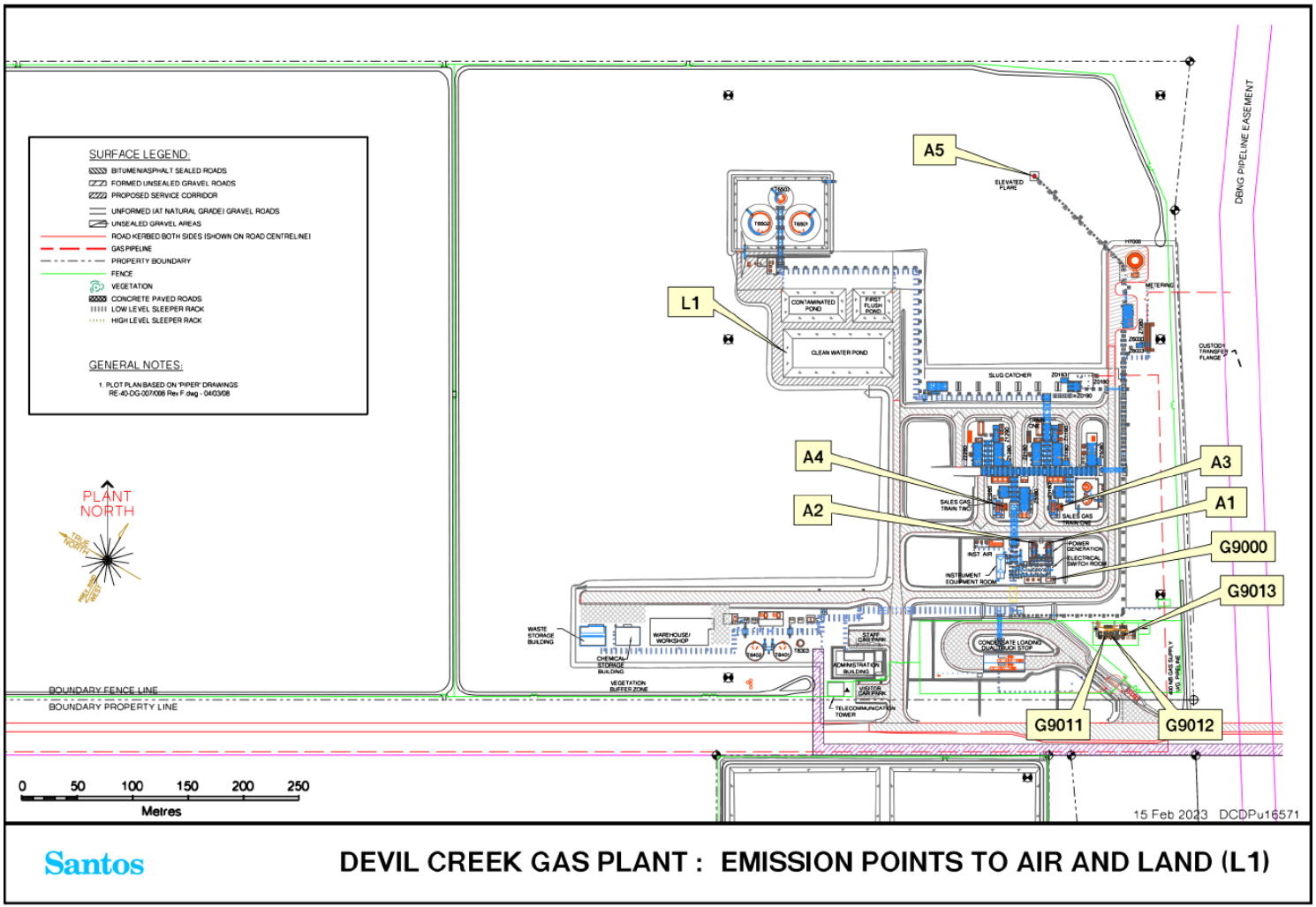

Figure 2: Map of emission points

The locations of the emission points defined in Tables 2.3.1, 2.3.2 and 3.3.1 are shown above.

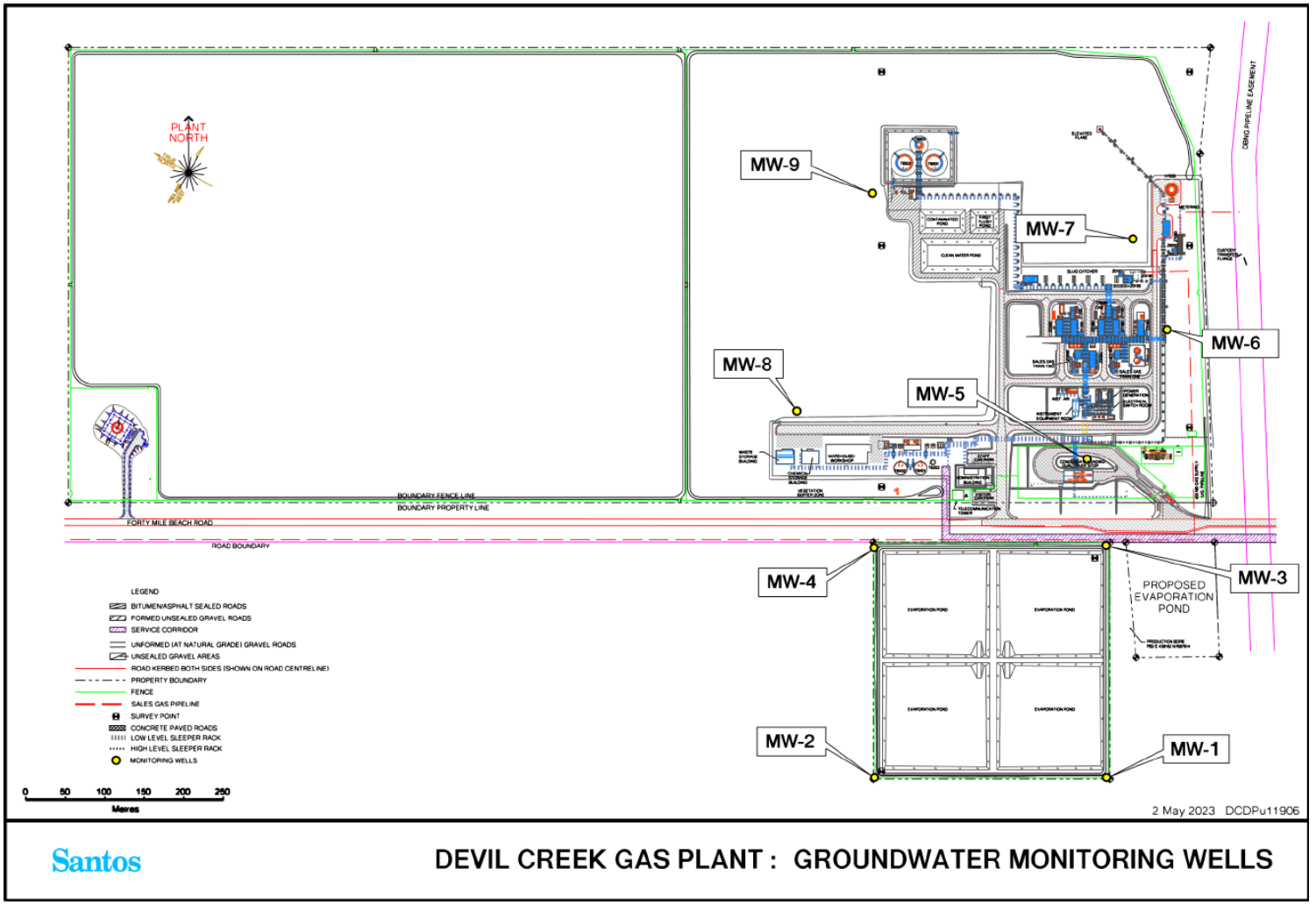

Figure 3: Map of monitoring locations

The locations of the monitoring points defined in Table 3.4.1, are shown above.

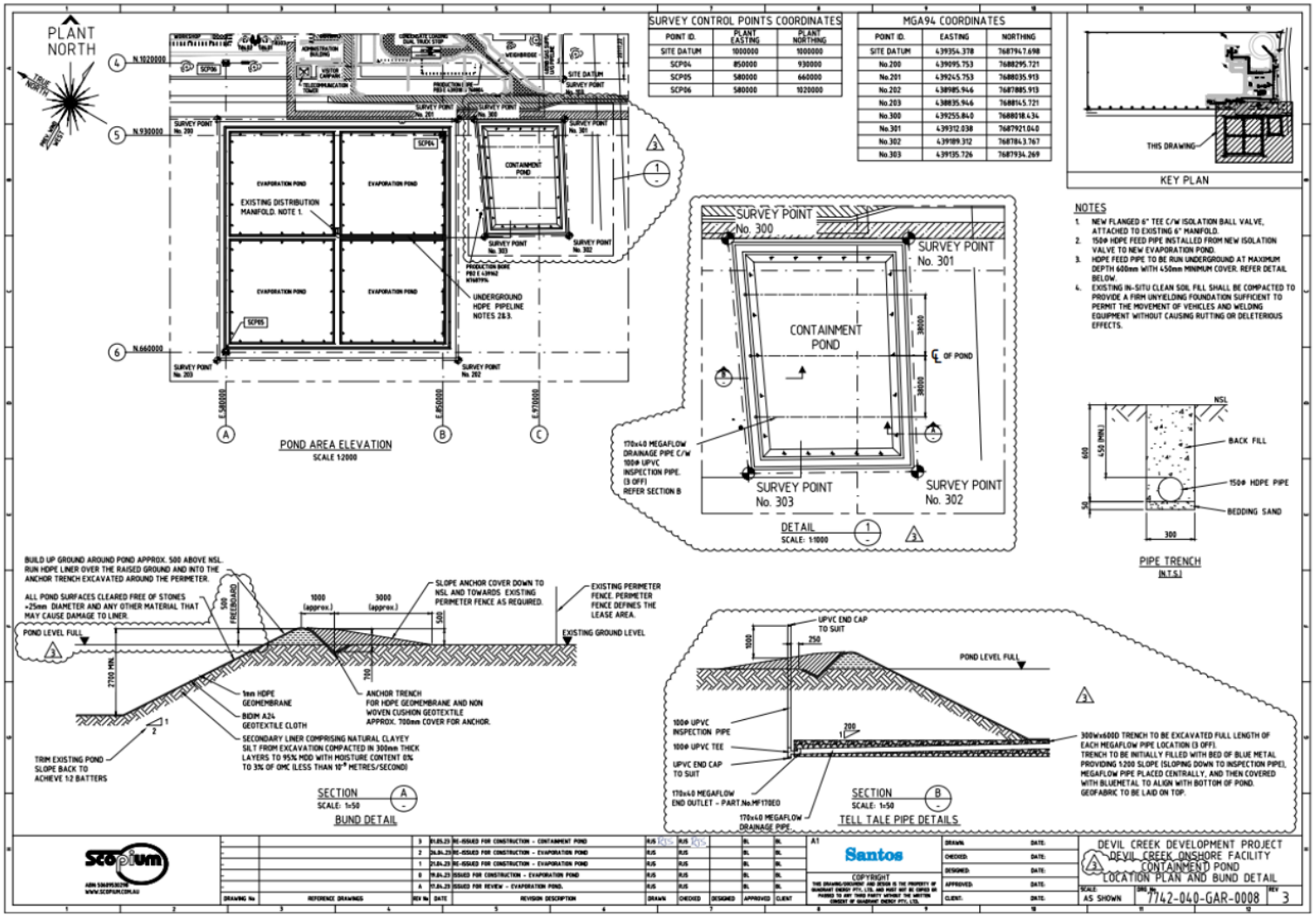

Figure 4: Evaporation pond E7 design/construction

Schedule 2: Reporting & notification forms

Licence: L8731/2013/1 Licence Holder: Santos WA Energy Limited

Form: N1 Date of breach:

Notification of detection of the breach of a limit.

These pages outline the information that the operator must provide. Units of measurement used in information supplied under Part A and B requirements shall be appropriate to the circumstances of the emission. Where appropriate, a comparison should be made of actual emissions and authorised emission limits.

Part A

Licence Number	
Name of Licence Holder	
Location of Premises	
Time and date of the detection	

Notification requirements for the breach of a limit	
Emission point reference/ source	
Parameter(s)	
Limit	
Measured value	
Date and time of monitoring	
Measures taken, or intended to be taken, to stop the emission	

Part B

Any more accurate information on the matters for notification under Part A.	
Measures taken, or intended to be taken, to prevent a recurrence of the incident.	
Measures taken, or intended to be taken, to rectify, limit or prevent any pollution of the environment which has been or may be caused by the emission.	
The dates of any previous N1 notifications for the Premises in the preceding 24 months.	
Name	
Post	
Signature on behalf of Santos WA Energy Limited	
Date	