



<b>Licence number</b>	L8650/2012/2
<b>Licence holder</b>	Chevron Australia Pty Ltd
<b>ACN</b>	086 197 757
<b>Registered business address</b>	Level 24, QV1, 250 St Georges Terrace PERTH, WA 6000
<b>DWER file number</b>	DER2014/002939-1
<b>Duration</b>	01/07/2021 to 30/06/2032
<b>Date of renewal</b>	29/06/2021
<b>Premises details</b>	Ashburton North Village and LNG Plant Sewage Treatment Plants  Legal description - Part of Lots 555 on Deposited Plan 402556, 567 on Deposited Plan 71345, 569 on Deposited Plan 71345, 570 on Deposited Plan 71345 and 1577 on Deposited Plan 72843 TALANDJI WA 6710 As depicted by the coordinates in Appendix A

Prescribed premises category description (Schedule 1, <i>Environmental Protection Regulations 1987</i> )	Assessed production
Category 54: Sewage facility	816 m <sup>3</sup> per day

This licence is granted to the licence holder, subject to the attached conditions, on, 01/07/2021 by:

**Neville Welsh**  
**Senior Industry Regulation Officer**

*Officer delegated under section 20 of the Environmental Protection Act 1986*

## Licence history

Date	Reference number	Summary of changes
28/06/2012	L8650/2012/1	New application – category 85 (Pioneer Camp).
20/12/2012	L8650/2012/1	Amendment to add the Fly Camp and 456 Bed Camp Expansion. Category upgraded from 85 to 54.
21/11/2013	L8650/2012/1	Amendment to add the 600 EP STP and second irrigation field. Licence converted to new format.
27/11/2014	L8650/2012/1	Amendment to add Trains 1 to 3 of the Construction Village STP, remove the Pioneer Camp STP, Fly Camp STP and 456 Bed Camp Expansion STP and update the design capacity of the 600 EP STP. Addition of the first three stages of the Construction Village Power Station. Addition of the LNG Plant Long Term Fuel Facility.
20/08/2015	L8650/2012/1	Amendment to allow the Fly Camp STP to be recommissioned and allow the reuse of treated effluent for irrigating the sports oval.
30/06/2017	L8650/2012/1	Amendment Notice 1: Add the Construction Village Expansion Camp STP (design capacity 168m <sup>3</sup> /day) approved under Works Approval W5834/2015/1, and Train 4 of the Construction Village STP (design capacity 480m <sup>3</sup> /day) approved under Works Approval W5306/2013/1. The licence was also amended to include the operation of Stage 4 of the Construction Village Power Station, which includes the addition of three additional diesel generators taking the generating capacity to 20.8MW.  Other administrative changes were also made to update the premises boundary description and premises plans.
24/08/2018	L8650/2012/1	Transfer from Bechtel (Western Australia) Pty Ltd to Chevron Australia Pty Ltd including administrative changes.
12/12/2018	L8650/2012/1	Amendment Notice 2. Amendment to add the Temporary Marine Outfall and conditions relating to discharge of waste to the marine environment via the outfall.  The amendment also included removal of Category 52: Electric power generation and associated conditions, and removal of conditions relating to the Fly Camp STP reuse of treated wastewater.
06/05/2019	L8650/2012/1	Amendment Notice 3. Administrative amendment to correct a clerical error in Condition 2.3.2.
19/09/2019	L8650/2012/1	Amendment to remove Category 73: Bulk storage of chemicals, associated licence conditions and revise the premises boundary due to the removal of the LTFF from the premises.  The Amendment included a CEO initiated amendment as per section 59 of <i>Environmental Protection Act 1986</i> to update the type and style of licence and amalgamate the separately issued Amendment Notices (2 and 3) in the licence.
31/01/2020	L8650/2012/1	Amendment to decrease the approved premises production capacity of treated effluent from 2,256 m <sup>3</sup> per day to 816 m <sup>3</sup> per day. The amendment also includes the removal of monitoring requirements relating to the discharge of treated effluent from the STPs to the

Date	Reference number	Summary of changes
		marine environment via the Temporary Marine Outfall. This treated effluent has been diverted and is now being discharged via the Permanent Marine Outfall under Works Approval W5671/2014/1.
29/06/2021	L8650/2012/2	Licence renewal

## 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 means the version of the standard, guideline, or code of practice in force at the time of granting of this licence and includes any amendments to the standard, guideline or code of practice which may occur from time to time during the course of the licence;
- (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.

## Licence conditions

The licence holder must ensure that the following conditions are complied with:

### Premises operation

1. The Licence Holder must operate and maintain all pollution control and monitoring equipment to the manufacturer's specification or any relevant and effective internal management system.
2. The Licence Holder must, as soon as reasonably practicable, recover, or remove and dispose of spills of environmentally hazardous materials outside an engineered containment system.
3. The Licence Holder must:
  - (a) implement all practical measures to prevent stormwater run-off becoming contaminated by the activities on the Premises; and
  - (b) treat contaminated or potentially contaminated stormwater as necessary prior to being discharged from the Premises.
4. The Licence Holder must only accept waste on to the Premises if:
  - (a) it is of a type listed in Table 1;
  - (b) the quantity accepted is below any quantity limit listed in Table 1; and
  - (c) it meets any specification listed in Table 1

**Table 1: Waste Acceptance**

Waste type	Waste code	Quantity limit	Specification <sup>1</sup>
Sewage	K130	816m <sup>3</sup> /day	Accepted through sewer inflow or tankered in from the Wheatstone project and port facilities
Septage wastes	K210		
Vegetable and food processing liquid wastes	K200		
Waste from grease traps	K110		
Swimming pool back wash	N/A		Accepted through sewer inflow only
Industrial wash water contaminated with a controlled waste	L150	60 m <sup>3</sup> /year	Tankered in from the Wheatstone project and port facilities

Note 1: Additional requirements for the acceptance of controlled waste (including asbestos and tyres) are set out in the *Environmental Protection (Controlled Waste) Regulations 2004*.

5. The licence holder must ensure that the site infrastructure and equipment listed in Table 2 and located at the corresponding infrastructure location is maintained and operated in accordance with the corresponding operational requirement set out in Table 2.

**Table 2: Infrastructure and operational requirements**

Site infrastructure and equipment	Operational requirement	Infrastructure location Schedule 1
Train 2 of the Asburton North Village Sewage Treatment Plant (STP)	480m <sup>3</sup> /day biological, physical and chemical treatment of: <ul style="list-style-type: none"> <li>• Sewage</li> <li>• Vegetable and food processing liquid wastes</li> <li>• Waste from grease traps</li> <li>• Industrial wash water contaminated with a controlled waste</li> <li>• Swimming pool back wash</li> </ul>	Asburton North Village STP Train 2

Site infrastructure and equipment	Operational requirement	Infrastructure location Schedule 1
600 EP(equivalent person) STP	168 m3/day biological, physical and chemical treatment of: <ul style="list-style-type: none"> <li>• Vegetable and food processing liquid wastes</li> <li>• Waste from grease traps</li> <li>• Industrial wash water contaminated with a controlled waste</li> <li>• Swimming pool back wash</li> </ul>	600 EP STP
Asburton North Village Expansion Camp STP	168 m3/day biological, physical and chemical treatment of: <ul style="list-style-type: none"> <li>• Vegetable and food processing liquid wastes</li> <li>• Waste from grease traps</li> <li>• Industrial wash water contaminated with a controlled waste</li> <li>• Swimming pool back wash</li> </ul>	Asburton North Village Expansion Camp STP

6. The Licence Holder must:
  - (a) maintain fencing around the irrigation fields; and
  - (b) undertake regular inspections of fencing and repair damage as soon as practicable.
7. The Licence Holder must ensure that the irrigation of treated wastewater at emission points L1 and L2 in Table 3 meets the following:
  - (a) no irrigation generated run-off, spray drift or discharge occurs beyond the boundary of the irrigation area;
  - (b) wastewater is evenly distributed over the irrigation field;
  - (c) soil erosion is prevented from occurring;
  - (d) weed management measures are implemented to manage the establishment and spread of non-native vegetation species; and
  - (e) irrigation does not occur on land that is waterlogged.

## Emissions

### Emissions to land

8. The Licence Holder must ensure that where waste is emitted to land from the emission points in Table 3 and identified on the Map of emission points and monitoring locations in Schedule 1 it is done so in accordance with the conditions of this Licence.

**Table 3: Emission points to land**

Emission point reference and location on Map of emission points and monitoring locations. (see Schedule1)	Description	Source including abatement
L1 – L2	Discharge to two irrigation fields (Irrigation Field East L1 and Irrigation Field West L2) with total area of 26.2ha	Treated wastewater from the Ashburton North Village STP (via the Off-Spec Tank) and 600 EP STP

9. The Licence Holder shall not cause or allow emissions to land greater than the limits listed in Table 4.

**Table 4: Emission limits to land**

Emission point reference (see Schedule1)	Parameter	Limit (including units)	Averaging period
L1 – L2	Loadings rates for total nitrogen	480 kg/ha/year	Annual
	Loading rates for total phosphorus	120 kg/ha/year	

## Monitoring

### General monitoring

10. The Licence Holder must ensure that:
- (a) all water samples are collected and preserved in accordance with AS/NZS 5667.1, with the exception of holding times for chlorine and pH;
  - (b) all wastewater samples are collected in accordance with AS/NZS 5667.10;
  - (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; and
  - (d) all microbiological samples are collected and preserved in accordance with AS 2031.
11. The Licence Holder must ensure that:
- (a) monthly monitoring is undertaken at least 15 days apart; and
  - (b) quarterly monitoring is undertaken at least 45 days apart.
12. The Licence Holder must 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.
13. The Licence Holder must, 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.

### Emissions to land

14. The Licence Holder must undertake the monitoring in Table 5 according to the specifications in that table.

**Table 5: Monitoring of emissions to land**

Emission and monitoring point reference (see Schedule1)	Parameter	Units	Frequency
L1- L2	Volumetric flow rate	m <sup>3</sup> /day	Continuous

## Monitoring of inputs and outputs

15. The Licence Holder must undertake the monitoring in Table 6 according to the specifications in that table.

**Table 6: Monitoring of inputs and outputs**

Monitoring point reference and location (see Schedule1)	Process description	Parameter	Units	Averaging period	Frequency
Asburton North Village STP Train 2 – M2	Discharge from STP to Off-Spec Tank or Asburton North Village Effluent Sump	Volumetric flow rate	m <sup>3</sup> /day	Monthly	Continuous
		Biochemical Oxygen Demand	mg/L	Spot sample	Quarterly
		Total Suspended Solids	mg/L		
		pH <sup>1</sup>	pH units		
		Total Nitrogen	mg/L		
		Total Phosphorus	mg/L		
		<i>E.coli</i>	cfu/100mL		
600 EP STP – M6	Discharge from STP to irrigation fields or Asburton North Village Effluent Sump	Biochemical Oxygen Demand	mg/L	Spot sample	Quarterly
		Total Suspended Solids	mg/L		
		pH <sup>1</sup>	pH units		
		Total Nitrogen	mg/L		
		Total Phosphorus	mg/L		
		<i>E.coli</i>	cfu/100mL		
Asburton North Village Expansion Camp STP – M7	Discharge from STP to irrigation fields or Asburton North Village Effluent Sump	Biochemical Oxygen Demand	mg/L	Spot sample	Quarterly
		Total Suspended Solids	mg/L		
		pH <sup>1</sup>	pH units		
		Total Nitrogen	mg/L		
		Total Phosphorus	mg/L		
		<i>E.coli</i>	cfu/100mL		

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

## Records and reporting information

16. All information and records required by the Licence must:
- be legible;
  - if amended, be amended in such a way that the original and subsequent amendments remain legible or are capable of retrieval;
  - except for records listed in 16(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
  - for those following records, be retained until the expiry of the Licence and any subsequent licence:
    - off-site environmental effects; or
    - matters which affect the condition of the land or waters.

17. The Licence Holder must 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.
18. The licence holder must:
  - (a) undertake an audit of their compliance with the conditions of this licence during the preceding annual period; and
  - (b) prepare and submit to the CEO within 90 calendar days after the end of the annual period, an Annual Audit Compliance Report in the approved form.
19. The Licence Holder must 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.

## Reporting

20. The licence holder must maintain accurate and auditable books including the following records, information, reports and data required by this licence:
  - (a) the calculation of fees payable in respect of this licence;
  - (b) the maintenance of infrastructure required to ensure that it is kept in good working order in accordance with condition 5; and
  - (c) complaints received under condition 18.
21. The Licence Holder must submit to the CEO an Annual Environmental Report within 90 calendar days after the end of the annual period. The report shall contain the information listed in Table 7 in the format or form specified in that table.

**Table 7: Annual Environmental Report**

Condition or table	Parameter	Format or Form
-	Summary of any failure or malfunction of any pollution control equipment and any environmental incidents that have occurred during the year and any action taken	None specified
Table 4	Loading rates for total nitrogen and total phosphorus	None specified
Table 5	Monitoring of emissions to land	None specified
Table 6	Monitoring of inputs and outputs	None specified
Tables 1	Quantity limit exceedances	None specified
18	Compliance	Annual Audit Compliance Report (AACR)
19	Complaints summary	None specified

22. The Licence Holder must ensure that the Annual Environmental Report also contains an assessment of the information contained within the report against previous monitoring results and Licence limits and/or targets.



## Definitions

In this licence, the terms below have the meanings defined.

**‘Act’** means the *Environmental Protection Act 1986*;

**‘Annual Audit Compliance Report’** means a report submitted in a format approved by the CEO (relevant guidelines and templates may be available on the Department’s website).

**‘annual period’** means the period from 1 July until 30 June in the following year;

**‘AS 2031’** means the Australian Standard AS 2031-2012 *Water quality – Sampling for microbiological analysis*;

**‘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 5667.10’** means the Australian Standard AS/NZS 5667.10 *Water Quality – Sampling – Guidance on sampling of waste waters*;

**‘averaging period’** means the time over which a limit or target is measured or a monitoring result is obtained;

**‘CEO’** means Chief Executive Officer.

**‘CEO’** for the purpose of notification means:

Director General

Department Administering the *Environmental Protection Act 1986*

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**‘Continuous’** monitoring means data recovery rate of at least 90% excluding maintenance and calibration periods’;

**‘Department’** means the department established under section 35 of the *Public Sector Management Act 1994* and designated as responsible for the administration of Part V, Division 3 of the EP Act;

**‘DWER’** means Department of Water and Environmental Regulation;

**‘Licence’** refers to this document, which evidences the grant of a licence by the CEO under section 57 of the EP Act, subject to the specified conditions contained within;

**‘Licence Holder’** refers to the occupier of the premises being the person to whom this Licence has been granted, as specified at the front of this Licence;

**‘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;

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

**‘quarterly’** means the 4 inclusive periods from 1 July to 30 September and 1 October to 31 December, and in the following year, 1 January to 31 March and 1 April to 30 June;

**‘Schedule 1’** means Schedule 1 of this Licence unless otherwise stated;

**‘sewage’** means any kind of sewage, nightsoil, faecal matter or urine, and any waste composed wholly or in part of liquid;

**‘spot sample’** means a discrete sample representative at the time and place at which the sample is taken;

**‘usual working day’** means 0800 – 1700 hours, Monday to Friday excluding public holidays in

Western Australia;

**‘Waste Code’** means the Waste Code assigned to a type of controlled waste for purposes of waste tracking and reporting as specified in the Department of Environment Regulation “Controlled Waste Category List” (July 2014), as amended from time to time; and

**‘wastewater treatment vessels’** means any vessel or tank containment infrastructure associated with the treatment of wastewater.

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**END OF CONDITIONS**

## Appendix A

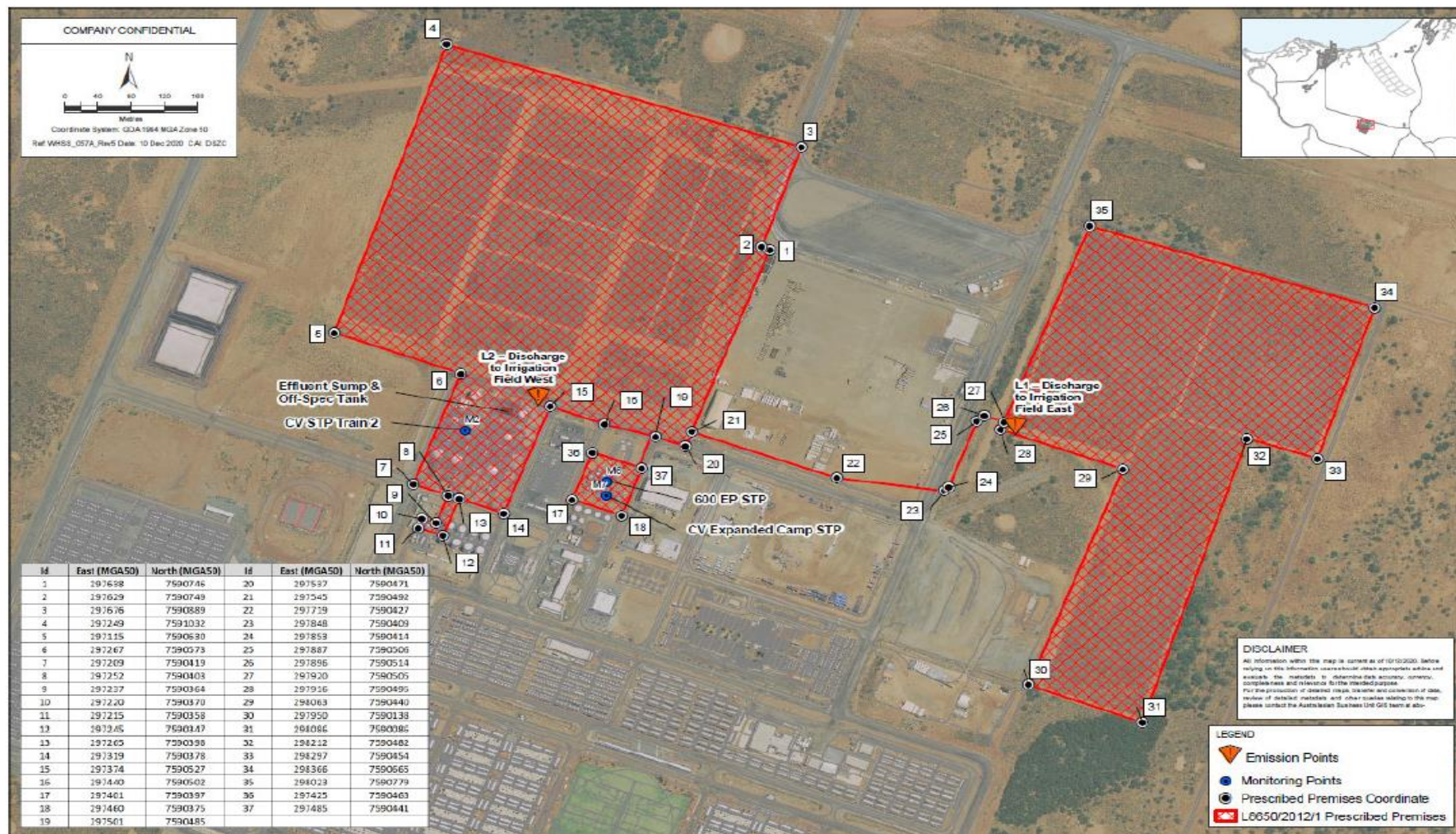
### Premises coordinates

Pts	Easting MGA50	Northing MGA50	Pts	Easting MGA50	Northing MGA50
1	297638.3	7590745.5	20	297536.9	7590471.2
2	297628.8	7590749.1	21	297544.5	7590491.5
3	297676.1	7590888.7	22	297718.9	7590427.0
4	297249.4	7591031.8	23	297848.0	7590409.1
5	297114.6	7590629.8	24	297853.3	7590414.2
6	297266.9	7590572.8	25	297887.3	7590506.0
7	297209.4	7590418.7	26	297896.4	7590513.9
8	297251.6	7590403.0	27	297920.2	7590505.4
9	297236.9	7590363.7	28	297916.2	7590494.6
10	297220.0	7590370.0	29	298062.8	7590439.7
11	297215.4	7590357.8	30	297949.5	7590138.3
12	297245.4	7590346.6	31	298086.3	7590085.8
13	297264.6	7590398.1	32	298212.1	7590482.4
14	297318.5	7590378.0	33	298297.0	7590454.3
15	297373.9	7590526.6	34	298365.6	7590665.2
16	297439.7	7590502.1	35	298023.0	7590778.8
17	297400.6	7590397.4	36	297425.1	7590463.0
18	297460.1	7590375.2	37	297484.6	7590440.9
19	297500.9	7590484.6			

# Schedule 1: Maps

## Premises Map

The red line depicts the Premises boundary.





The locations of the monitoring points defined in Table 6 are shown in the map below.

