



Network Operator's Licence
Water Industry Competition Act 2006

Licensee: ALTOGETHER OPERATIONS
PTY LTD

ACN: 603 106 305

Licence #: 16_037

This licence was issued to Flow Systems Operations Pty Ltd in 2016.
Flow Systems Operations Pty Ltd was renamed Altogether Operations
Pty Ltd in 2021.

References in the licence to Flow Systems Operations Pty Ltd should
be read as references to Altogether Operations Pty Ltd.

Issued by: The Minister administering the *Water
Industry Competition Act 2006*

Issued on: 12 May 2016

Varied on: 6 July 2021



New South Wales

Water Industry Competition Act 2006 (NSW)

Section 10

**Notice of Decision -
Application for a Variation of Network Operator's
Licence No. 16_037**

I, The Hon. Melinda Pavey MP, Minister for Water, Property and Housing have decided to grant Flow Systems Operations Pty Ltd (**Applicant's** (ACN 603 106 305) application (**Application**) to vary network operator's licence number 16_037 (**Licence**) under section 10(1) of the *Water Industry Competition Act 2006* (NSW) (**Act**). The reasons for my decision are set out below.

I have considered and accepted the Independent Pricing and Regulatory Tribunal (**IPART**)'s advice and recommendations in its report to me on the Application. I attach IPART's report (**Attachment A**).

Based on my consideration and acceptance of IPART's report:

- (a) I am satisfied that the Applicant is not a disqualified corporation for the purposes of section 10(3)(a) of the Act;
- (b) I am satisfied that the Applicant is not a corporation that is a related entity (within the meaning of the *Corporations Act 2001* (Cth)) of a disqualified corporation that would have a direct or indirect interest in, or influence on, the carrying out of the activities that the Licence, if varied in accordance with the Application, would authorise, for the purposes of section 10(3)(b) of the Act; and
- (c) I am satisfied as to each of the criteria set out in section 10(4) of the Act.

I have also:

- (a) had regard to the licensing principles set out in section 7 of the Act in considering whether or not to grant the Licence variation and what conditions should be imposed on the Licence; and
- (b) examined and taken into account to the fullest extent possible all matters affecting or likely to affect the environment by reason of the activity authorised by the Licence as required by section 5.5 of the *Environmental Planning and Assessment Act 1979* (NSW).

I attach the Licence, as varied (**Attachment B**).

The Hon. Melinda Pavey, MP
Minister for Water, Property and Housing

Dated this 6th day of July 2021



NEW SOUTH WALES GOVERNMENT

Water Industry Competition Act 2006 (NSW)

Network operator's licence

Licence no. 16_037

Flow Systems Operations Pty Ltd

(ACN 603 106 305)

PRELIMINARY

1. Summary

- 1.1. This Licence is granted under section 10(1) of the Act.
- 1.2. The Act prohibits a person from constructing, maintaining or operating any water industry infrastructure otherwise than under the authority of a licence. This Licence authorises the Licensee and other Authorised Persons to carry out such activities that would otherwise be prohibited under the Act.

2. Outline

- 2.1. This Licence is divided into the following sections and schedules:

Section 1 authorises the construction, maintenance and operation of water infrastructure for non-potable water (if applicable).
Section 2 authorises the construction, maintenance and operation of water infrastructure for drinking water (if applicable).
Section 3 authorises the construction, maintenance and operation of sewerage infrastructure (if applicable).
Schedule A sets out special Ministerially-imposed licence conditions that are specific to this Licence.
Schedule B sets out Ministerially-imposed licence conditions that generally apply to network operator's licences granted under the Act.
Schedule C sets out definitions and interpretation provisions.
Schedule D sets out the area of operations for the activities authorised under Section 1.
Schedule E sets out the area of operations for the activities authorised under Section 3.
Schedule F provides indicative maps for reference only.

- 2.2. In addition to the conditions in Schedules A and B to this Licence, the Act and Regulation also contain conditions that apply to this Licence. Nothing in Schedules A or B modifies or affects the conditions imposed on this Licence by the Act or Regulation.
- 2.3. Where there is an inconsistency between Schedule F on the one hand and any of Schedules D and E on the other hand, Schedules D and E are to prevail over Schedule F to the extent of the inconsistency.

Superseded

SECTION 1 – ACTIVITIES AUTHORISED: NON-POTABLE WATER

Subject to the conditions imposed by the Act, the Regulation and Schedules A and B of this Licence, this Licence authorises the Licensee and any Authorised Persons specified in Table 1.1 to construct, maintain and operate the water industry infrastructure which is specified in Table 1.2, and is substantially consistent with water industry infrastructure described in the Water Centre REF, the Systems REF or the Extension of Reticulation EIA Checklist, as applicable:

- a) for one or more of the purposes for water industry infrastructure specified in Table 1.2; and
- b) within the area of operations specified in Table 1.3.

The non-potable water supplied by means of the water industry infrastructure specified in Table 1.2 may only be used for the authorised purposes for non-potable water specified in Table 1.4.

Table 1.1 Authorised Persons

Flow Systems Pty Ltd (ACN 136 272 298)
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Table 1.2 Water industry infrastructure and purposes for water industry infrastructure

- | |
|--|
| <ol style="list-style-type: none">1) A treatment plant for non-potable water and other water infrastructure used, or to be used, in connection with the treatment plant, where components of the treatment plant or other water infrastructure may be used for one or more of the following purposes for water industry infrastructure:<ol style="list-style-type: none">a) production of non-potable water;b) treatment of non-potable water;c) filtration of non-potable water;d) storage of non-potable water; ande) conveyance of non-potable water.2) A reticulation network for non-potable water and other water infrastructure used, or to be used, in connection with the reticulation network, where components of the reticulation network or other water infrastructure may be used for one or more of the following purposes for water industry infrastructure:<ol style="list-style-type: none">a) production of non-potable water;b) treatment of non-potable water;c) filtration of non-potable water;d) storage of non-potable water; ande) conveyance of non-potable water. |
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Table 1.3 Area of operations

- | | |
|----|---|
| 1) | For the water industry infrastructure described in Table 1.2(1), refer to Schedule D, Table D.1 |
| 2) | For the water industry infrastructure described in Table 1.2(2), refer to Schedule D, Table D.2 |

Table 1.4 Authorised purposes for non-potable water

- | | |
|----|--|
| 1) | Car washing |
| 2) | Dust suppression |
| 3) | General wash down |
| 4) | Irrigation |
| 5) | Ornamental Water Features |
| 6) | Process water at the non-potable water treatment plant |
| 7) | Street cleaning |
| 8) | Supply of cold water to washing machine, and |
| 9) | Toilet flushing |

SECTION 2 – ACTIVITIES AUTHORISED: DRINKING WATER

[Not applicable]

Table 2.1 Authorised Persons

[Not applicable]

Table 2.2 Water industry infrastructure and purposes for water industry infrastructure

[Not applicable]

Table 2.3 Area of operations

[Not applicable]

SECTION 3 – ACTIVITIES AUTHORISED: SEWERAGE SERVICES

Subject to the conditions imposed by the Act, the Regulation and Schedules A and B of this Licence, this Licence authorises the Licensee and any Authorised Persons specified in Table 3.1 to construct, maintain and operate the water industry infrastructure which is specified in Table 3.2, and is substantially consistent with water industry infrastructure described in the Water Centre REF or the Systems REF, as applicable:

- a) for one or more of the purposes for water industry infrastructure specified in Table 3.2; and
- b) within the area of operations specified in Table 3.3.

Table 3.1 Authorised Persons

Flow Systems Pty Ltd (ACN 136 272 298)
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Table 3.2 Water industry infrastructure and purposes for water industry infrastructure

- | |
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| <ol style="list-style-type: none">1) A treatment plant for sewage and other sewerage infrastructure used, or to be used, in connection with the treatment plant, where components of the treatment plant or other sewerage infrastructure may be used for one or more of the following purposes for water industry infrastructure:<ol style="list-style-type: none">a) production of treated non-potable water from sewage;b) treatment of sewage;c) filtration of sewage;d) storage of sewage; ande) conveyance of sewage.2) A reticulation network for sewage and other sewerage infrastructure used, or to be used, in connection with the reticulation network, where components of the reticulation network or other sewerage infrastructure may be used for one or more of the following purposes for water industry infrastructure:<ol style="list-style-type: none">a) production of treated non-potable water from sewage;b) treatment of sewage;c) filtration of sewage;d) storage of sewage; ande) conveyance of sewage. |
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Table 3.3 Area of operations

- | |
|---|
| <ol style="list-style-type: none">1) For the water industry infrastructure described in Table 3.2(1), refer to Schedule E, Table E.12) For the water industry infrastructure described in Table 3.2(2), refer to Schedule E, Table E.2 |
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Superseded

SCHEDULE A – SPECIAL MINISTERIALLY-IMPOSED LICENCE CONDITIONS

1. Notification of changes to Agreement

1.1. If a party to an Agreement proposes to:

- a) terminate the Agreement;
- b) novate the Agreement;
- c) assign or transfer any of its rights or obligations under the Agreement to any other person; or
- d) alter the Agreement in any way that materially reduces the Licensee's technical, financial or organisational capacity to carry out the activities authorised by this Licence,

the Licensee must provide IPART with written notice of that fact as soon as practicable, but no later than 3 months before the time when the proposed action is to occur. The written notice must include details of how the services provided under the Agreement will be provided subsequent to the proposed termination, novation, assignment, transfer or alteration.

2. Environmental Impact Assessments

2.1. Where the Licensee carries out any activities authorised by this Licence, the Licensee must:

- a) implement environmental risk mitigation measures substantially consistent with the environmental risk mitigation measures identified in the Environmental Impact Assessments; and
- b) specify, in any Plan or combination of Plans, how the Licensee will implement environmental risk mitigation measures substantially consistent with the environmental risk mitigation measures identified in the Environmental Impact Assessments.

2.2. If the Licensee proposes to vary its environmental mitigation measures referred to in Schedule A clause 2.1(a), it must first notify IPART in accordance with the Reporting Manual. The Licensee must not vary its environmental mitigation measures without the prior written approval of IPART.

3. Approved Construction Environmental Management Plan

3.1. The Licensee must ensure that the construction of any Specified Water Industry Infrastructure is carried out in accordance with the Approved Construction Environmental Management Plan.

4. Limitations on infrastructure

- 4.1. The Specified Water Industry Infrastructure is not to be used for the treatment, filtration, storage or conveyance of stormwater.
- 4.2. The Licensee must not commence construction of the infrastructure specified in Section 1 Table 1.2(1) in excess of capacity of 3,300 equivalent tenements, until after the Licensee has provided a report on the Licensee's proposed strategy for managing excess recycled water to be produced by the infrastructure specified in Section 1 Table 1.2(1), and the Minister has provided written approval of the report. The report must:
- a) be prepared by a suitably qualified person;
 - b) identify and analyse reasonably available disposal/reuse options, including Appropriate Facilities; and
 - c) recommend a preferred approach that will deliver the most efficient outcome having regard to financial and economic considerations.

5. Water Quality Plan

- 5.1. The licensee must ensure that its water quality plan is a single, cohesive and structured scheme specific document which specifies the actions the licensee must take to implement the 12 elements of the framework for recycled water quality management and use set out in the Australian Guidelines for Water Recycling.

6. Operational Procedures

- 6.1. The Licensee must develop and document, consistent with element 4 of the Australian Guidelines for Water Recycling, the following Operational Procedures:
- a) monitoring protocols for operational performance of the recycled water supply system, including the selection of operational parameters and criteria, and the routine analysis of results;
 - b) procedures for corrective action where operational parameters are not met;
 - c) procedures for rapid communication systems to deal with unexpected events; and
 - d) programs for regular inspection and maintenance of all equipment, including monitoring equipment.

6.2. The Licensee must:

- a) fully implement the Operational Procedures;
- b) ensure that all of its activities are carried out in accordance with the Operational Procedures; and
- c) keep records to demonstrate the extent to which the Operational Procedures have been implemented and complied with.

Superseded

SCHEDULE B – GENERAL MINISTERIALLY-IMPOSED LICENCE CONDITIONS

1. Ongoing capacity to operate

- 1.1. The Licensee must have the technical, financial and organisational capacity to carry out the activities authorised by this Licence. If the Licensee ceases to have this capacity, it must report this to IPART in accordance with the Reporting Manual.

2. Maintaining appropriate insurance

- 2.1. The Licensee must hold insurance that is appropriate for the size and nature of the activities that the Licensee is carrying out under this Licence.
- 2.2. The Licensee must provide a copy of each certificate of currency of the insurance maintained by the Licensee to IPART in accordance with the Reporting Manual.
- 2.3. Before commencing to commercially operate the Specified Water Industry Infrastructure under this Licence, the Licensee must demonstrate that the insurance held is appropriate for the size and nature of those commercial operation activities, by providing a report to IPART from an Insurance Expert that:
- a) certifies that in the Insurance Expert's opinion, the type, scope and limit of the insurance held by the Licensee is appropriate for the size and nature of those commercial operation activities; and
 - b) is in the form prescribed by the Reporting Manual.
- 2.4. [Not applicable]
- 2.5. If, in relation to the activities authorised by this Licence, there is, or is to be, a change in either of the following, the Licensee must provide a report to IPART in accordance with the Reporting Manual:
- a) the insurer or underwriting panel in respect of an insurance policy held by the Licensee; or
 - b) the type, scope or limit on the amount of insurance held by the Licensee.

- 2.6. From time to time when requested in writing by IPART, the Licensee must provide a report to IPART, in the manner and form and within the timeframes specified by IPART, from an Insurance Expert certifying that in the Insurance Expert's opinion the type, scope and limit on the amount of insurance held by the Licensee is appropriate for the size and nature of the activities that the Licensee is carrying out under this Licence.

[Note: The circumstances in which IPART may request a report under clause 2.6 include (but are not limited to) the following:

- *where IPART considers that there may be a change in the type, scope or limit on the amount of insurance held by the Licensee in relation to activities that the Licensee is carrying out under this Licence;*
- *where there is a change in the type or extent of activities authorised by this Licence; or*
- *where IPART or an approved auditor considers that the type, scope or limit on the amount of insurance held by the Licensee may not be appropriate for the size and nature of the activities that the Licensee is carrying out under this Licence.]*

- 2.7. The Licensee must maintain professional indemnity insurance during the Design Phase and for a minimum of 6 years from the date of the completion of the Design Phase.

3. Complying with NSW Health requirements

- 3.1. The Licensee must carry out the activities authorised by this Licence in compliance with any requirements of NSW Health that:
- a) IPART has agreed to; and
 - b) are notified from time to time to the Licensee by IPART in writing.

4. Complying with Audit Guidelines

- 4.1. The Licensee must comply with any Audit Guidelines issued by IPART.

5. Reporting in accordance with the Reporting Manual

- 5.1. The Licensee must prepare and submit reports in accordance with the Reporting Manual.

6. Reporting information in relation to the register of licences

6.1. The Licensee must notify IPART, and provide IPART with details, of any change in relation to the following, in accordance with the Reporting Manual, within 14 days of the change:

- a) any source from which the water handled by the Specified Water Industry Infrastructure is derived;
- b) the identity of each licensed retail supplier or public water utility that has access to the infrastructure services provided by the Specified Water Industry Infrastructure for the purpose of supplying water to its customers;
- c) any other water infrastructure to which the Specified Water Industry Infrastructure is connected;
- d) in the case of non-potable water, the authorised purposes for that water;
- e) the identity of each licensed retail supplier or public water utility that has access to infrastructure services provided by the Specified Water Industry Infrastructure for the purpose of providing sewerage services to its customers;
- f) any other sewerage infrastructure to which the Specified Water Industry Infrastructure is connected; and
- g) the arrangements for the disposal of waste from the water industry infrastructure specified in Section 3, Table 3.2.

7. Monitoring

7.1. The Licensee must undertake any monitoring that is required for the purposes of this Licence, any Plan, the Act or the Regulation in accordance with this clause 7.

7.2. The Licensee must keep the following records of any samples taken for monitoring purposes specified in the Water Quality Plan:

- a) the date on which the sample was taken;
- b) the time at which the sample was collected;
- c) the point or location at which the sample was taken; and
- d) the chain of custody of the sample (if applicable).

7.3. The Licensee must ensure that analyses of all samples taken for the purposes of Verification Monitoring are carried out by a laboratory accredited for the specified tests by an independent body that is acceptable to NSW Health, such as the National Association of Testing Authorities or an equivalent body.

8. Delineating responsibilities

- 8.1. If a code of conduct has not been established under clause 25 of the Regulation, the Licensee must, by a date specified by IPART, establish a code of conduct (**Licensee's Code of Conduct**) in accordance with this clause 8.
- 8.2. Before the Licensee brings the Specified Water Industry Infrastructure into commercial operation or by a later date specified by IPART (if any), the Licensee's Code of Conduct must be agreed in writing between:
- a) the Licensee; and
 - b) each licensed network operator, licensed retail supplier and/or public water utility that:
 - i) supplies water or provides sewerage services by means of any water industry infrastructure that is connected to the Specified Water Industry Infrastructure; or
 - ii) constructs, maintains or operates any water industry infrastructure that is connected to the Specified Water Industry Infrastructure.
- 8.3. [Not applicable]
- 8.4. The Licensee's Code of Conduct must set out the respective responsibilities of the entities specified in clause 8.2 by, at a minimum, providing for:
- a) who is responsible for repairing, replacing or maintaining any pipes, pumps, valves, storages or other infrastructure connecting the Specified Water Industry Infrastructure to the other water industry infrastructure;
 - b) who is responsible for water quality;
 - c) who is liable in the event of the unavailability of water;
 - d) who is liable in the event of failure of any water industry infrastructure;
 - e) the fees and charges payable in respect of the use of the water industry infrastructure; and
 - f) who is responsible for handling customer complaints.
- 8.5. The Licensee must not contravene the Licensee's Code of Conduct to the extent that it makes the Licensee responsible or liable for the matters set out in it.

9. Notification of changes to end-use

- 9.1. If the Licensee proposes to operate the Specified Water Industry Infrastructure to supply non-potable water for an end-use which is not set out in the most recent Water Quality Plan provided to IPART, the Licensee must notify IPART in writing at least 3 months before commencing such operation.

10. Notification of commercial operation

- 10.1. Each time the Licensee has brought any new Specified Water Industry Infrastructure into commercial operation, the Licensee must:
- a) notify IPART in accordance with the Reporting Manual that it has brought the relevant Specified Water Industry Infrastructure into commercial operation; and
 - b) provide such notification within 10 days after it has brought the relevant Specified Water Industry Infrastructure into commercial operation.

Superseded

SCHEDULE C – INTERPRETATION AND DEFINITIONS

1. Interpretation

1.1. In this Licence, unless the context requires otherwise:

- a) the singular includes the plural and vice versa;
- b) headings are used for convenience only and do not affect the interpretation of this Licence;
- c) a reference to a document includes the document as modified from time to time and any document replacing it;
- d) a reference to a “person” includes a natural person and any body or entity whether incorporated or not;
- e) a reference to a clause is to a clause in this Licence;
- f) a reference to a section is to a section in this Licence;
- g) a reference to a schedule is to a schedule to this Licence;
- h) a reference to a law or statute includes regulations, rules, codes and other instruments under it, and consolidations, amendments, re-enactments or replacements of them; and
- i) explanatory notes do not form part of this Licence, but in the case of uncertainty may be relied on for interpretation purposes.

2. Definitions

2.1. Expressions used in this Licence that are defined in the Act or the Regulation have the meanings set out in the Act or the Regulation.

2.2. In this Licence:

Act means the *Water Industry Competition Act 2006* (NSW).

Agreement means any agreement or deed provided to IPART in connection with the Licensee's application for this Licence, or any application to vary this Licence.

Appropriate Facilities	<p>means (as applicable):</p> <ul style="list-style-type: none"> a) a facility or facilities with the capacity to accept sludge and/or sludge cake produced by the water industry infrastructure specified in Section 3 Table 3.2(1); b) a facility or facilities with the capacity to accept excess recycled water produced by the water industry infrastructure specified in Section 1 Table 1.2(1).
Approved Construction Environmental Management Plan	means the document titled <i>Box Hill Local Water Centre Construction Environmental Management Plan</i> , Version 4, prepared by RPS Australia East Pty Ltd, December 2016.
Audit Guidelines	means the document titled “ <i>Audit Guideline – Water Industry Competition Act 2006</i> ”, which is prepared by IPART and is available on IPART’s website at www.ipart.nsw.gov.au , and any other guidelines issued by IPART in relation to audits under the Act.
Authorised Person	<p>means each person specified in, as applicable:</p> <ul style="list-style-type: none"> a) section 1, Table 1.1; b) section 2, Table 2.1; and c) section 3, Table 3.1.
Design Phase	means the period during which any design works are carried out in relation to the water industry infrastructure that the Licensee is authorised to construct, maintain and operate under this Licence.

Environmental Impact Assessments

means the documents titled:

- a) *Review of Environmental Factors for the Proposed Sewage, Recycled Water Reticulation Systems, Box Hill North Precinct New South Wales*, Version 7, prepared by RPS Australia East Pty Ltd, March 2016;
- b) *Review of Environmental Factors for the Proposed Local Water Centre, Box Hill North Precinct New South Wales*, Version 4, prepared by RPS Australia East Pty Ltd, March 2016; and
- c) *Environmental Impact Assessment Checklist, Box Hill – extension of recycled water reticulation*, prepared by Flow Systems Pty Ltd, Revision Final 2.0, 6 October 2020.

and does not include any modified version of these documents or any other document replacing any of them.

Extension of Reticulation EIA Checklist

means the document titled *Environmental Impact Assessment Checklist, Box Hill – extension of recycled water reticulation*, prepared by Flow Systems Pty Ltd, Revision Final 2.0, 6 October 2020.

Insurance Expert

means an insurance broker which holds an Australian financial services licence under Part 7.6 of the *Corporations Act 2001* (Cth) that authorises the broker to provide financial product advice for, and deal in, contracts of insurance within the meaning of Chapter 7 of that Act.

IPART

means the Independent Pricing and Regulatory Tribunal of New South Wales established under the *Independent Pricing and Regulatory Tribunal Act 1992* (NSW).

Licence

means this network operator's licence granted under section 10 of the Act.

Licensee

means Flow Systems Operations Pty Ltd (ACN 603 106 305).

Licensee's Code of Conduct

has the meaning given in Schedule B, clause 8.1.

Minister	means the Minister responsible for Part 2 of the Act.
NSW Health	means the Water Unit of NSW Ministry of Health and any of the local health districts as defined by the NSW Ministry of Health.
Ornamental Water Feature	means water features that: <ul style="list-style-type: none"> a) are provided primarily for aesthetic or beautification purposes, and b) do not, by their design or accessibility, encourage interaction with the water.
Plan	means any infrastructure operating plan, water quality plan or sewage management plan that the Licensee is required to prepare under the Regulation.
Regulation	means the <i>Water Industry Competition (General) Regulation 2008</i> (NSW).
Reporting Manual	means the document titled "Network Operator's Reporting Manual", which is prepared by IPART and is available on IPART's website at www.ipart.nsw.gov.au .
Specified Water Industry Infrastructure	means the water industry infrastructure specified in, as applicable: <ul style="list-style-type: none"> a) section 1, Table 1.2; b) section 2, Table 2.2; and c) section 3, Table 3.2.
Systems REF	means the document titled <i>Review of Environmental Factors for the Proposed Sewage, Recycled Water Reticulation Systems, Box Hill North Precinct New South Wales</i> , Version 7, prepared by RPS Australia East Pty Ltd, March 2016.
Verification Monitoring	means verification monitoring as described in the document titled " <i>Australian Drinking Water Guidelines</i> " or the document titled " <i>Australian Guidelines for Water Recycling</i> " as the case may be.

Water Centre REF means the document titled *Review of Environmental Factors for the Proposed Local Water Centre, Box Hill North Precinct New South Wales*, Version 4, prepared by RPS Australia East Pty Ltd, March 2016.

Water Quality Plan means the water quality plan that the Licensee is required to prepare under the Regulation.

Superseded

SCHEDULE D – AREA OF OPERATIONS – NON-POTABLE WATER

Table D.1 Vertices for area of operations for non-potable water treatment plant

Vertex	Easting	Northing	Vertex	Easting	Northing
A1	305343.938	6277802.933	A5	305361.643	6277933.403
A2	305338.558	6277801.171	A6	305390.320	6277940.401
A3	305268.128	6277836.598	A7	305408.843	6277930.864
A4	305289.398	6277888.395	A8	305343.938	6277802.933

Table D.2 Vertices for area of operations for non-potable water reticulation network

Vertex	Easting	Northing	Vertex	Easting	Northing
0	305550.063	6275594.422	28	304805.131	6276689.976
1	305548.988	6275592.053	29	304744.958	6277120.167
2	305530.685	6275600.506	30	304751.979	6277138.984
3	305537.828	6275615.986	31	305118.957	6276963.483
4	305471.676	6275646.504	32	305351.104	6277234.339
5	305466.100	6275633.445	33	305428.616	6277402.141
6	305448.779	6275638.715	34	305108.150	6277519.041
7	305453.487	6275649.748	35	305260.530	6277818.041
8	305426.757	6275662.016	36	305066.648	6277915.568
9	305489.200	6275809.070	37	305053.083	6277911.198
10	305543.262	6275925.511	38	305035.198	6277919.867
11	305522.371	6275952.133	39	305234.596	6278300.496
12	305495.285	6275959.751	40	305298.146	6278418.001
13	305473.992	6275952.145	41	305290.278	6278430.786
14	305390.137	6275942.970	42	305309.946	6278451.398
15	305354.712	6275945.925	43	305318.534	6278456.692
16	305324.085	6275955.065	44	305566.415	6278914.582
17	305292.582	6275973.078	45	305566.019	6278924.903
18	305448.567	6276268.281	46	305580.506	6278939.370
19	305206.642	6276350.080	47	305593.614	6278922.662
20	305079.068	6276133.881	48	305595.473	6278916.476
21	305041.059	6276145.496	49	306595.389	6278384.364
22	305012.511	6276160.325	50	306647.230	6278380.032
23	305004.417	6276166.017	51	306686.634	6278388.485
24	304935.581	6276227.927	52	306721.467	6278403.930
25	305039.512	6276404.431	53	306721.551	6278405.372
26	305050.448	6276400.871	54	307093.690	6278214.678
27	305039.435	6276495.239	55	307093.105	6278211.170

Vertex	Easting	Northing
56	306923.513	6277898.509
57	306977.270	6277869.862
58	306861.152	6277655.302
59	307059.436	6277549.923
60	307116.318	6277658.056
61	307176.541	6277772.609
62	307193.666	6277761.943
63	307138.280	6277658.781
64	307075.362	6277541.423
65	307075.362	6277541.423
66	307034.481	6277465.422
67	306998.487	6277408.438
68	306961.255	6277357.077
69	306920.564	6277308.301
70	306876.723	6277262.254
71	306811.961	6277203.551

Vertex	Easting	Northing
72	306657.881	6277082.543
73	306540.587	6276983.079
74	306507.327	6276946.051
75	306463.466	6276890.864
76	306423.101	6276831.942
77	306228.862	6276519.414
78	306225.383	6276499.716
79	306209.549	6276474.231
80	306194.582	6276483.435
81	306147.085	6276406.967
82	306169.787	6276399.152
83	305969.415	6275800.271
84	305684.600	6275898.147
85	305680.970	6275878.177
86	305550.063	6275594.422

Note: Coordinate reference system is MGA 56.

SCHEDULE E – AREA OF OPERATIONS – SEWERAGE SERVICES

Table E.1 Vertices for area of operations for sewage treatment plant

Vertex	Easting	Northing	Vertex	Easting	Northing
A1	305343.938	6277802.933	A5	305361.643	6277933.403
A2	305338.558	6277801.171	A6	305390.320	6277940.401
A3	305268.128	6277836.598	A7	305408.843	6277930.864
A4	305289.398	6277888.395	A8	305343.938	6277802.933

Table E.2 Vertices for area of operations for sewage reticulation network

Vertex	Easting	Northing	Vertex	Easting	Northing
0	305550.063	6275594.422	28	304805.131	6276689.976
1	305548.988	6275592.053	29	304744.958	6277120.167
2	305530.685	6275600.506	30	304751.979	6277138.984
3	305537.828	6275615.986	31	305118.957	6276963.483
4	305471.676	6275646.504	32	305351.104	6277234.339
5	305466.100	6275633.445	33	305428.616	6277402.141
6	305448.779	6275638.715	34	305108.150	6277519.041
7	305453.487	6275649.748	35	305260.530	6277818.041
8	305426.757	6275662.016	36	305066.648	6277915.568
9	305489.200	6275809.070	37	305053.083	6277911.198
10	305543.262	6275925.511	38	305035.198	6277919.867
11	305522.371	6275952.133	39	305234.596	6278300.496
12	305495.285	6275959.751	40	305298.146	6278418.001
13	305473.992	6275952.145	41	305290.278	6278430.786
14	305390.137	6275942.970	42	305309.946	6278451.398
15	305354.712	6275945.925	43	305318.534	6278456.692
16	305324.085	6275955.065	44	305566.415	6278914.582
17	305292.582	6275973.078	45	305566.019	6278924.903
18	305448.567	6276268.281	46	305580.506	6278939.370
19	305206.642	6276350.080	47	305593.614	6278922.662
20	305079.068	6276133.881	48	305595.473	6278916.476
21	305041.059	6276145.496	49	306595.389	6278384.364
22	305012.511	6276160.325	50	306647.230	6278380.032
23	305004.417	6276166.017	51	306686.634	6278388.485
24	304935.581	6276227.927	52	306721.467	6278403.930
25	305039.512	6276404.431	53	306721.551	6278405.372
26	305050.448	6276400.871	54	307093.690	6278214.678
27	305039.435	6276495.239	55	307093.105	6278211.170

Vertex	Easting	Northing
56	306923.513	6277898.509
57	306977.270	6277869.862
58	306861.152	6277655.302
59	307075.362	6277541.423
60	307034.481	6277465.422
61	306998.487	6277408.438
62	306961.255	6277357.077
63	306920.564	6277308.301
64	306876.723	6277262.254
65	306811.961	6277203.551
66	306657.881	6277082.543
67	306540.587	6276983.079
68	306507.327	6276946.051

Vertex	Easting	Northing
69	306463.466	6276890.864
70	306423.101	6276831.942
71	306228.862	6276519.414
72	306225.383	6276499.716
73	306209.549	6276474.231
74	306194.582	6276483.435
75	306147.085	6276406.967
76	306169.787	6276399.152
77	305969.415	6275800.271
78	305684.600	6275898.147
79	305680.970	6275878.177
80	305550.063	6275594.422

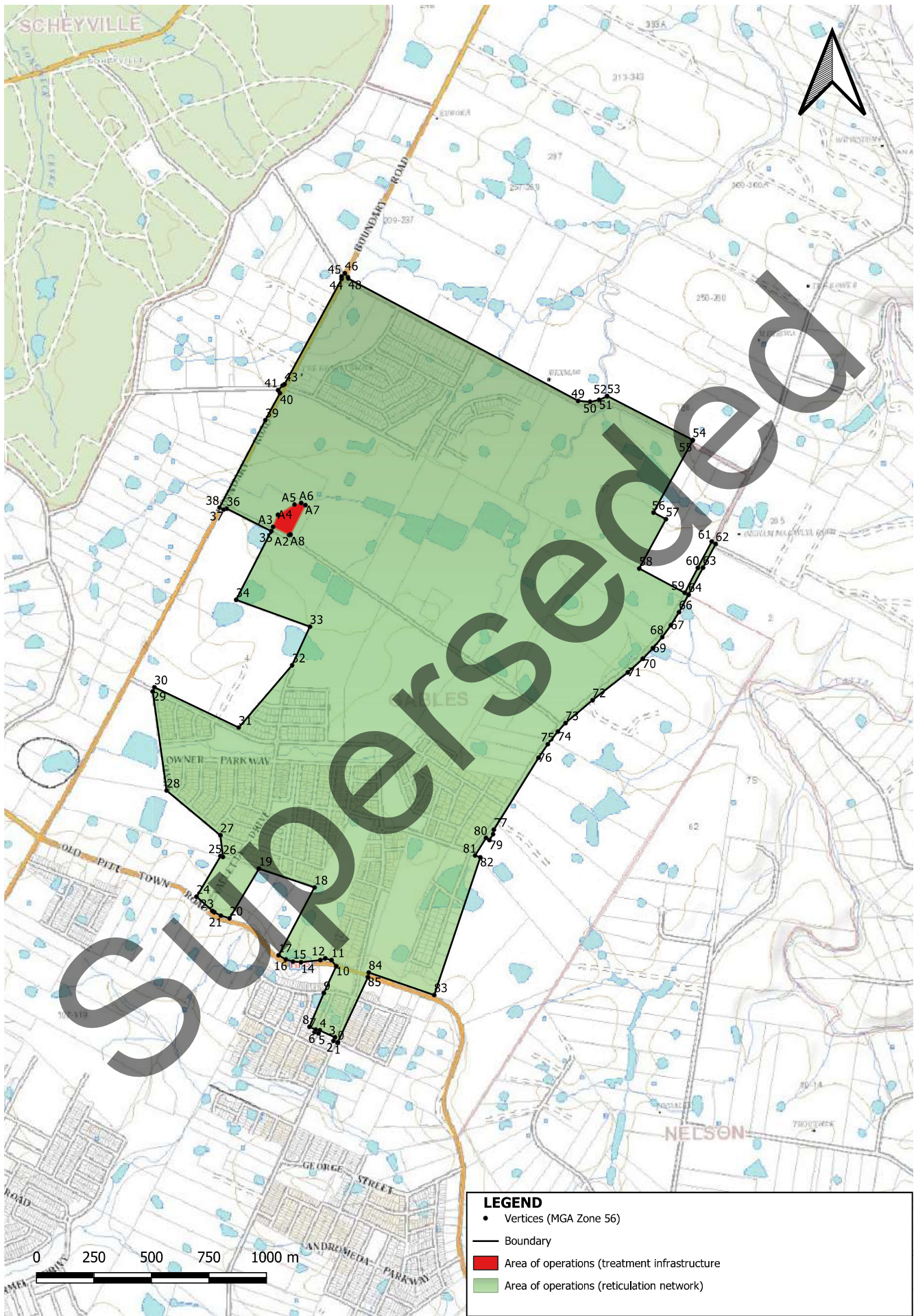
Note: Coordinate reference system is MGA 56.

SCHEDULE F – AREA OF OPERATIONS – MAPS

Schedule F contains two maps:

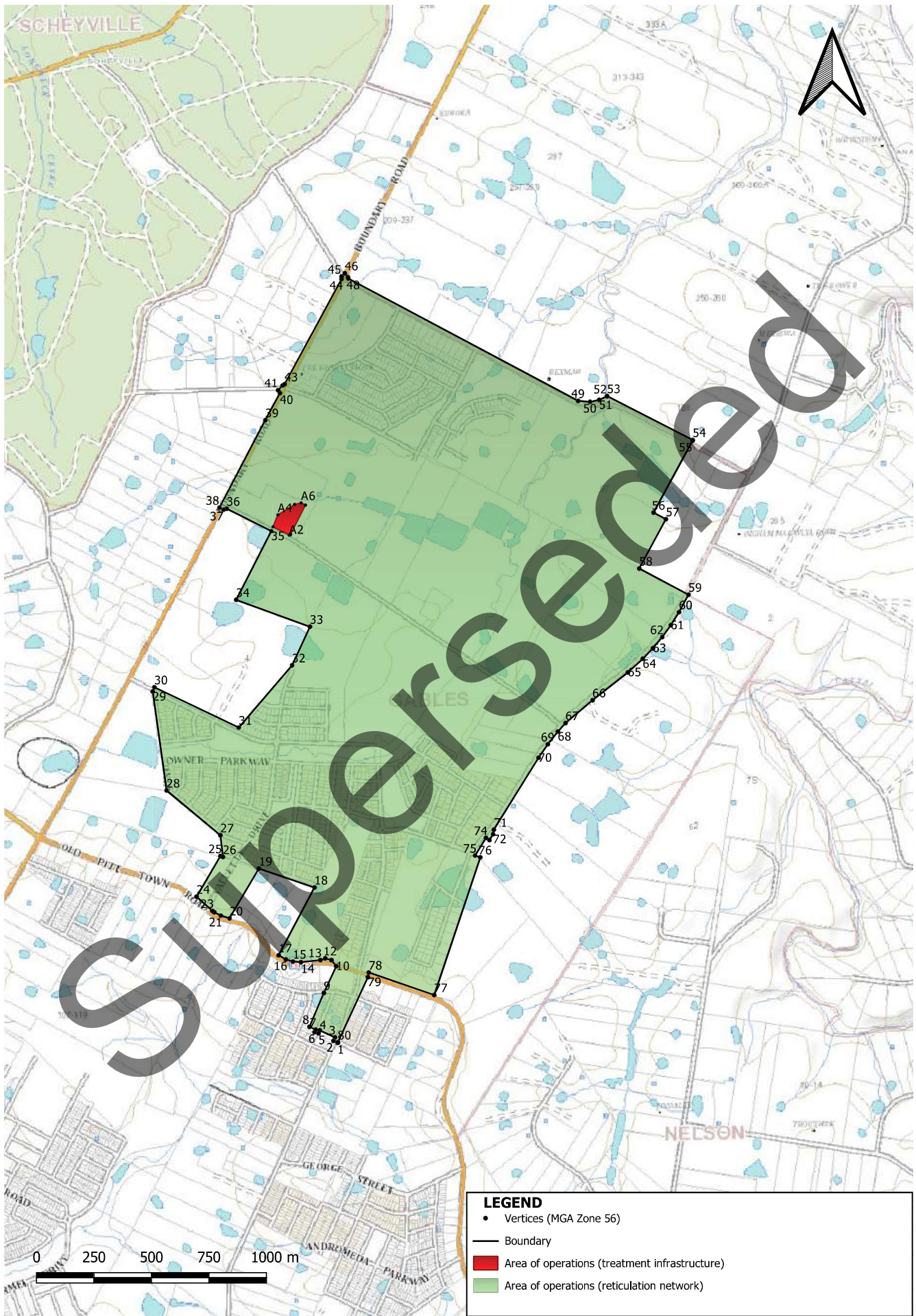
- 1) Map 1 Non-potable water services
- 2) Map 2 Sewerage services

Superseded



**Area of Operations - Box Hill North Scheme
non-potable water reticulation and treatment infrastructure**

Date created: 4 August 2020
Version: 1.0



**Area of Operations - Box Hill North Scheme
sewage reticulation and treatment infrastructure**

Date created: 4 August 2020
Version: 1.0

LICENCE DETAILS:

Licence Number: 16_037
Licence Type: Network Operator's Licence
Licensee: Flow Systems Operations Pty Ltd
(ACN 603 106 305)