

# Invitation to Offer



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**LG314/690/17/005**

**Maintenance Services for  
Odour Control System  
Equipment**

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## Section 1 Invitation to Offer Details

Offers are invited by the Principal in relation to this Invitation to Offer and are to be submitted on the basis that they conform to the following.

- Section 2: Conditions of Offer
- Section 3: Offer Evaluation Process
- Section 4: Specifications
- Section 5: Conditions of Contract

Unless the context otherwise requires or the contrary intention appears, terms defined in the **Conditions of Offer** have the same meaning when used in the Invitation to Offer.

### 1.1 Invitation to Offer number

LG314/690/17/005

### 1.2 For the provision of

The Principal wishes to appoint a suitably experienced, qualified and equipped Contractor to undertake maintenance services on odour control system equipment

### 1.3 Contract Period/Delivery Period

Period: One year

Extension Option: Up to a combined total of twelve months at the discretion of the Principal.

### 1.4 Principal

Council of the City of Gold Coast

ABN: 84 858 548 460

8 Karp Court, Bundall Qld 4217

### 1.5 Release to market

9am Saturday 6 August 2016 Queensland time

### 1.6 Cut off date for clarifications

The Principal will not respond to any request for information or clarification received later than 5 pm Thursday prior to the tender closing date.

### 1.7 Closing Date

Offers must be lodged electronically by

11 am Wednesday 31 August 2016 Queensland time.

### 1.8 Contact officer

All requests for information for the Invitation to Offer process must only be directed to the Principal's contact officer:

Name: Kym Earl

Position Title: Procurement Contract Officer

Branch: Chief Procurement Office

Email: [Source2Contract@goldcoast.qld.gov.au](mailto:Source2Contract@goldcoast.qld.gov.au)

## 1.9 Confidential Information

The following information contained within the Invitation to Offer is deemed confidential

Not applicable

## 1.10 Offer validity period

Offers must remain valid after the closing date for a minimum period of 90 days

## 1.11 Lodgement of Offer

Offers submitted in response to the Invitation to Offer will only be accepted by the Principal via the LG tender box e-Tendering website: [www.lgtenderbox.com.au](http://www.lgtenderbox.com.au).

Details on how to register for LG tender box can be found on the website.

To prepare and upload your submission:

- a) Create one folder clearly labelled with your company name
- b) Save the Non Price Response forms in a file labelled as **Tenderers Name-Non Price Submission.doc**
- c) Save the Price Response forms in a file labelled as **Tenders Name-Price submission.xls**
- d) Any additional documents should be saved in ONE separate file, labelled as **Tenders Name – Ref Docs.pdf**. e.g. insurance certificates of currency, Certificate of Registration of a Company
- e) Maximum file size is **15MB** with the total submission not exceeding **100MB**
- f) Ensure prior to submitting an offer that it is free from viruses and has been checked with an up-to-date virus checking program.

Failure to comply with this requirement may result in a non-conforming offer.

Any difficulty uploading should be urgently reported to LG tender box helpline on 1800 779 027.

## 1.12 Deviations

Deviations will be considered only with the submission of a conforming offer.

## Section 2 Conditions of Offer

### 2.1 Conditions of Offer

- 2.1.1 The Council of the City of Gold Coast Conditions of Offer (Version 11) – July 2016, along with any Additional Conditions of Offer as detailed in Clause 2.2 below, will govern the invitation process.
- 2.1.2 The Council of the City of Gold Coast Conditions of Offer are located on the City of Gold Coast website: [cityofgoldcoast.com.au](http://cityofgoldcoast.com.au).
- 2.1.3 The Principal reserves the right to issue amended Conditions of Offer during the invitation process.
- 2.1.4 It is the responsibility of the tenderer to familiarise themselves with the current Conditions of Offer.

### 2.2 Additional Conditions of Offer

- 2.2.1 Nil

## Section 3 Offer Evaluation Process

### 3.1 Evaluation process

The evaluation process will involve an assessment of offers received against the evaluation methodology listed in Clause 3.2 below. The Principal reserves the right to shortlist tenderers during the evaluation process using the evaluation criteria contained in Clause 3.3 below. The evaluation process may at the discretion of the Principal involve, at any stage during the evaluation process, a due diligence assessment of risk, including legal entity, reference, financial, confidentiality, financial viability, deviations and corporate checks, and discussions with tenderers, demonstrations and site visits.

Offers will be evaluated by an evaluation team consisting of two or more officers of the Principal. The evaluation team will have regard to the sound contracting principles as set out in the *Local Government Act 2009* (Qld) which are:

- a) value for money
- b) open and effective competition
- c) the development of competitive local business and industry
- d) environmental protection
- e) ethical behaviour and fair dealing.

Each offer submitted will be evaluated using the same evaluation methodology described below in Clause 3.2 and the criteria listed in Clause 3.3.

### 3.2 Evaluation methodology

#### 3.2.1 Gate One: Mandatory

The initial gate comprising of mandatory criteria will allow the evaluation team to determine offers that do not conform to the mandatory requirements.

- a) Non-conforming offers will not be evaluated further as part of the evaluation process for subsequent gates two and three
- b) Incomplete offers may be, at the discretion of the Principal, deemed non-conforming
- c) Complete offers that meet the mandatory criteria will be advanced to Gate Two

#### 3.2.2 Gate Two: Scoring Capability Criteria

The evaluation team will shortlist offers based on a combination of capability and local business and industry factors as follows.

a) Locality	15%
b) Gold Coast Business Excellence Awards	2%
c) Capability criteria	<u>83%</u>
Total	100%

#### 3.2.3 Local business and industry

**Locality** - The Principal supports the development of local competitive business and industry by including a 15 per cent weighting in the scoring criteria apportioned on a sliding scale to local, regional, interstate and overseas suppliers as follows:

Score	Description
15	Developing or established Gold Coast business
12	Branch office on the Gold Coast directly employing a minimum of ten full time employees
9	Branch office on the Gold Coast, established for a minimum of six months, directly

	employing less than ten full time employees
4	Adjacent local government (Logan, Scenic Rim, Redland, or Tweed Shire) business
2	Queensland business
1	Interstate business
0	Overseas business

**Gold Coast Business Excellence Awards** - The Principal includes a weighting of two per cent in the scoring criteria based on the Gold Coast Business Excellence Awards as follows.

Score	Description
2	A winner of the Gold Coast Business Excellence Awards within the last four calendar years
1	A finalist of the Gold Coast Business Excellence Awards within the last four calendar years
0	All other businesses

### 3.2.4 Gate Three: Value for Money

Offers deemed capable of meeting the requirements at Gate Two are shortlisted and advanced to Gate Three.

- a) For offers leading to contracts with an annual value greater than \$1,000,000 the best value pricing submission through Gate Three is selected.
- b) For offers leading to contracts with an annual value between \$200,000 and \$1,000,000; if the best value pricing submission is not from a local business (developing and established Gold Coast businesses and to businesses with a branch office on the Gold Coast directly employing a minimum of ten full time employees), and there is a local business with a pricing submission within 15 per cent of the best value pricing submission, then the local business will be awarded the contract.

## 3.3 Evaluation Criteria

### 3.3.1 Mandatory Criteria

Evaluation Criteria	Description	Response forms required
Work Health and Safety (WHS)	Documented and implemented WHS management system	Response form: Work Health and Safety
Environment	Documented and implemented environmental management system	Response form: Environment
Licences and Certifications	Electrical Contractor Licence Confined Space competency Certification of vehicle mounted lifting equipment	Response form: Licences and Certification

### 3.3.2 Scoring Capability Criteria

Evaluation Criteria	Description	Response forms required
Local business and industry factor	Refer to clause 3.2.3	Response form: Local Content
Gold Coast Business Excellence Awards	Refer to clause 3.2.3	Response form: Local Content



Work Health and Safety	Provide at least three recent relevant SWMS of similar works	Response form: Work Health and Safety
Capability	Demonstrate the capability to deliver the services required including: <ul style="list-style-type: none"> <li>• Key personnel</li> <li>• Plant and equipment</li> </ul>	Response form: Capability of Key Personnel Response form: Plant and Equipment
Methodology	Demonstrate ability to deliver the services to the requirements of the specification.	Response form: Methodology
Experience	Detail relevant recent experience in services of a similar size, complexity and nature to those required.	Response form: Experience and referees Response form: Current contractual commitments

#### Non-Scoring Due Diligence Criteria:

Due Diligence Criteria	Description	Response form(s) to be completed and submitted
Insurances	An assessment of risk based on stipulated insurances	Response form: Risk and Insurances
Licences	An assessment of risk based on based on licence information submitted	Response form: Licences
References	An assessment of risk based on based on reference checks may be used to substantiate claims made	Response form: Experience and References
Deviations	An assessment of risk based on the number and types of Deviations proposed.	Response form: Deviations
Conflicts of interest and fair dealing	An assessment of risk based on perceived or actual conflict of interests, confidentiality and fair dealing.	Response form: Conflict of Interest Declaration and Confidentiality Agreement

#### 3.3.3 Value for Money Criteria

Evaluation Criteria	Description	Response forms required
Price of the Services	Refer to clause 3.2.4	Response form: Price Submission

## Section 4 Specifications

### 4.1 General

- 4.1.1 The specifications have been included to allow tenderers to respond to the Invitation to Offer.
- 4.1.2 The specification is the basis of all offers and forms the foundation of the Contract and all directions are to the Contractor.
- 4.1.3 It is the responsibility of the tenderer to familiarise themselves with the requirements of the specifications.
- 4.1.4 The specifications listed below are attached as four separate documents to allow tenderers to complete and submit the required response forms listed in Section 3.

### 4.2 Attachment

- 4.2.1 Attachment A: Specifications
- 4.2.2 Attachment B: List of Odour Units
- 4.2.3 Attachment C: Odour Unit Location Maps
- 4.2.4 Attachment D: Example Work Request

## Section 5 Conditions of Contract

### 5.1 Conditions of Contract

- 5.1.1 The terms and conditions in the Conditions of Contract: Provision of Goods and/or Services (Version 9) – November 2015 along with any Special Conditions of Contract as detailed in Clause 5.2 and Additional Conditions of Contract detailed in Clause 5.3 below, will govern any Contract established as a result of the invitation process, unless otherwise specified and agreed in Clauses 11 and 12 of the Conditions of Offer.
- 5.1.2 The Conditions of Contract listed in Clause 5.1.1 above can be located on the City of Gold Coast website: [cityofgoldcoast.com.au](http://cityofgoldcoast.com.au).
- 5.1.3 The Principal reserves the right to issue amended Conditions of Contract, Special Conditions of Contracts and/or Additional Conditions of Contract prior to entering into a Contract with the Successful Tenderer, as and when required.
- 5.1.4 It is the responsibility of the tenderer to familiarise themselves with the current Conditions of Contract, Special Conditions of Contract and/or Additional Conditions of Contract.

### 5.2 Special Conditions of Contract

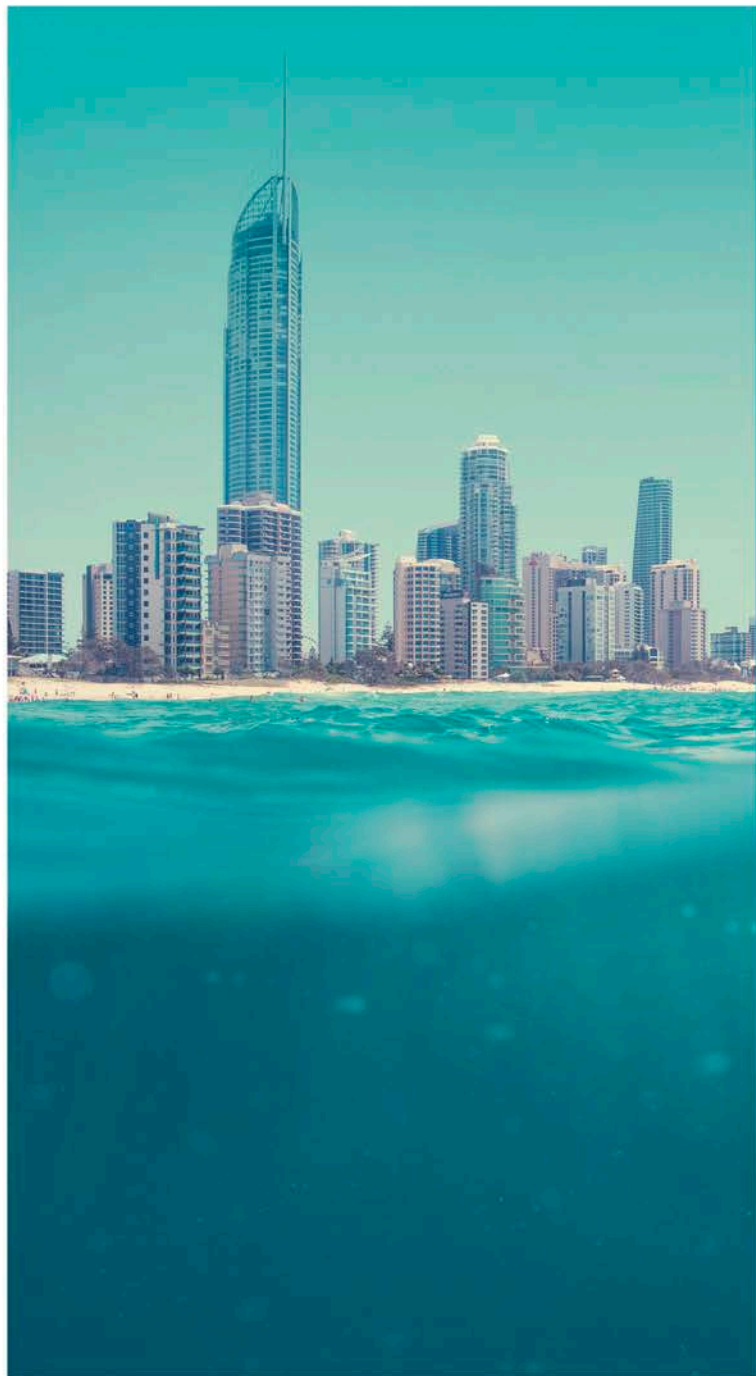
- 5.2.1 The terms and conditions in the Special Conditions of Contract: Operational Works (Version 4) November 2015 will take precedence over the Conditions of Contract specified in Clause 5.1.1
- 5.2.2 The Special Conditions of Contract listed in Clause 5.2.1 can be located on the City of Gold Coast website: [cityofgoldcoast.com.au](http://cityofgoldcoast.com.au).

### 5.3 Additional Conditions of Contract

- 5.3.1 Nil.

## Section 6     Response forms

- 6.1 The response forms are attached as a separate document, and have been included to allow tenderers to respond to the Invitation to Offer. It is a requirement of the Invitation to Offer that each response form be fully completed for each offer submitted.
- 6.2 Responses are limited to a maximum of three pages per response form. Tenderers must ensure that the font, questions, numbering and headings of each response form are not altered in any way, unless consent has been granted by the Principal.
- 6.3 Tenderers who fail to comply with any of the above requirements may at the discretion of the Principal be considered to have submitted a non-conforming tender.
- 6.4 The response forms are attached as two separate documents to allow tenderers to complete and submit the **Non-Price Response forms** and the **Price Response forms**



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## **Council of the City of Gold Coast**

PO Box 5042 GCMC Qld 9729

**E** [mail@cityofgoldcoast.com.au](mailto:mail@cityofgoldcoast.com.au)

**W** [cityofgoldcoast.com.au](http://cityofgoldcoast.com.au)

**P** 1300 GOLDCOAST





# Response Forms



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**LG314/690/17/005**

**Maintenance Services for  
Odour Control System  
Equipment**

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## Non-Price Response Forms

# Contract Header: Services

Council of the City of Gold Coast

ABN 84 858 548 460

[cityofgoldcoast.com.au](http://cityofgoldcoast.com.au)**Privacy statement**

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<b>Contract Header</b>	<input checked="" type="checkbox"/> <b>Conditions of Contract: Provision of Goods and/or Services (CoC)</b> <input checked="" type="checkbox"/> <b>Special Conditions of Contract: Operational Works (SCoCOW)</b> <i>(clauses only applicable if this checkbox is ticked)</i>
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If a Contract is to be awarded to the Successful Tenderer as a result of the invitation process, the documents listed under Principal's Execution will constitute the entire Contract between the Principal and the Successful Tenderer. The Principal has completed those items which it requires for the purposes of the Contract. The Tenderer must complete all other items.

Item	Clause	Details	
1.	CoC1.1	<b>Principal</b>	Name: Gold Coast City Council ABN/ACN: 84 858 548 460 Address: 8 Karp Court, Bundall Qld 4217
2.	CoC1.1	<b>Tenderer</b> (the entity that submits an Offer who upon acceptance by the Principal will be known as the <b>Contractor</b> )	Registered Legal name: 5T Registered Business name: 5T Registered Trading name: 5T ABN/ACN: 5T Principal place of business address: 5T Telephone: 5T Email: 5T Duly authorised delegate: 5T
3.		This Tenderer acknowledges the following addenda	5T (List all addenda e.g. one, two, three)
4.	CoC 1.1 and 11.1, 11.2 and 12.3	<b>Price and Approved expenses</b>	Price: As specified in Response Form: Price Submission Approved expenses: Not applicable
	CoC 11.3 and 30	Price adjustment	Fixed the Pricing will remain Firm in time for the initial period below, thereafter the agreed fluctuation variables apply as per: Period: <b>5T</b> Variables applicable: Not applicable
5.	CoC 12 and 15 <b>SCoCO W 7</b>	<b>Payment terms</b>	Claim for Payment (Recipient Created Tax Invoice) 21 days
		Discounts	Not applicable
6.	<b>SCoCO W 7</b>	Retention for progress payments	Not Applicable
7.	CoC 12.6	<b>Payee details</b>	Payee name: 5T Phone number: 5T

			Email:	5T
8.	CoC 12.6	<b>Bank details</b>	Account name:	5T
			Account BSB:	5T
			Account number:	5T
9.	CoC 1.1 and 4	<b>Commencement Date</b>	As per the Letter of Acceptance	
10.	CoC 1.1, and 4	<b>Contract Term</b>	12 Months	
	CoC 4	<b>Contract extension option</b>	Up to a combined total of 12 months	
	CoC 33	<b>Termination for convenience</b>	Unless otherwise stipulated 30 days notice to be provided	
11.	CoC 1.1 and 7	<b>Delivery period being one of the following:</b>	In accordance with item 10 above	
12.	CoC1.1 and 10	<b>Key Personnel</b>	Applicable as per Response Form Capability of Key Personnel	
13.	CoC1.1	<b>Principal's Nominated Representative</b>	Superintendent	
14.	CoC 1.1, and 6	<b>Council Contract Representative</b>	Name	Jason Wade
			Email:	jvade@goldcoast.qld.gov.au
15.	CoC 1.1 and 6 <a href="#">SCoCO W 17</a>	<b>Superintendent</b>	Office of the Superintendent Gold Coast Water	
			Name:	Matthew Anglim
			Email:	manglim@goldcoast.qld.gov.au
16.	CoC 1.1	<b>Site</b>	Various	
17.	CoC 7.5	<b>Key Performance Indicators (KPIs)</b> or performance standards	Not applicable	
18.	CoC 7.6	<b>Assistance</b> to be provided by the Principal	Not applicable	
19.	CoC 8.2	<b>Requirements</b> for Goods	Not applicable	
20.	CoC 1.1 and 16	<b>Performance Guarantee</b> Performance Guarantee required under the Contract	Not applicable	
21.	CoC 1.1, and 17 <a href="#">SCoCO W 2</a>	<b>Security Deposit</b> Financial Security required under the Contract?	Applicable	
			Amount: 5T	
22.	CoC 1.1, and 20 <a href="#">SCoCO W 4</a>	<b>Intellectual Property Rights</b> in New Contract Material vests in the:	The Principal (Clause 20.3 applies)	

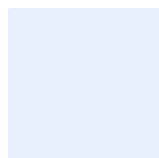
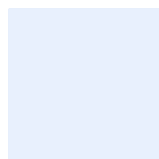


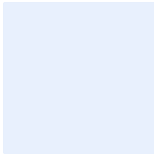
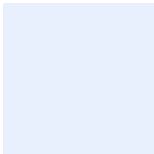
23.	CoC 24	<b>Liability</b>	The amount of the liability cap will be 5T	
24.	CoC 24 and 26	<b>Insurance – Public Liability</b>	Sum insured: \$10 million, as per Response Form: Insurances	
25.	CoC 25 and 26	<b>Insurance - Professional indemnity required?</b>	Not applicable	
26.	CoC 26	<b>Insurance - Other insurances required?</b>	Not applicable	
27.	CoC 27	<b>Licences</b>	Applicable as per Response Form Licences	
28.	CoC 28 and SCoCO W 26	<b>Work Health and Safety</b>	The Contractor has management and control of the workplace	
29.	CoC 1.1 and 34	<b>Notices – Principal's address for notices</b>	Address:	PO Box 5042, Gold Coast Mail Centre, 9729
			Email Address:	gcwcontractsupport@goldcoast.qld.gov.au
	CoC 1.1 and 34	<b>Notice - Contractor's address for notices</b>	Address:	5T
			Email address:	5T
30.	SCoCO W 16	<b>Liquidated damages</b>	Not applicable	
31.	SCoCO W 23	<b>Defects liability period</b>	52 weeks	
32.	SCoCO W 28	<b>Prequalification</b>	Not applicable	

### Tenderers authorisation, certification and execution

The Tenderers duly authorised delegate named below certifies that in submitting the Offer:

- have read, understood and complied with the requirements of the Invitation to Offer
- agree that the submitted Response forms are a true and accurate account of the Offer
- am duly authorised to execute this Offer on behalf of the Tenderer in the capacity provided below
- acknowledge that upon acceptance by the Principal as the Successful Tenderer will be known as the Contractor under the Conditions of Contract

Tenderer (Duly authorised delegate) (Electronic signatures accepted)	5T	
	Name of authorised delegate	
Signature of authorised delegate		
Signed in the Capacity as:	In accordance with s.127 of the <i>Corporations Act 2001 (Cth)</i>	
In the presence of (Witness) (Electronic signatures accepted)	5T	
	Name of witness	

	Signature of witness	
Date signed on:		
<b>Principals Execution</b>		
<p>The Principal accepts the Offer submitted by the Successful Tenderer (now referred to as the Contractor) and it is agreed that the following documents in order of preference together comprise the entire Contract between the Contractor and the Principal:</p> <ul style="list-style-type: none"><li>a) This Contract Header (including the accepted deviations as attached)</li><li>b) The Conditions of Contract as amended by the relevant Special Conditions of Contract</li><li>c) Specifications</li><li>d) Offer (to the extent accepted under the Contract Header)</li><li>e) Invitation to Offer documents</li></ul>		
Principal (Duly authorised delegate) (Electronic signatures accepted)	5T Name of authorised delegate	 Signature of authorised delegate
Signed in the Capacity as:		
In the presence of (Witness) (Electronic signatures accepted)	Name of witness	 Signature of witness
Date signed on:		

# Local Content

Council of the City of Gold Coast

ABN 84 858 548 460

[cityofgoldcoast.com.au](http://cityofgoldcoast.com.au)

## Privacy statement

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Local Business and Industry		
Where is the head office of your business located? If claiming local content proof of location must be provided with your response with one of the following e.g. copy of lease, or rates notice or electricity bill)	<<insert details>>	
When was your business established on the Gold Coast?	<<insert details>>	
Branch office address (Gold Coast):	<<insert details>>	
When was your branch office established on the Gold Coast?	<<insert details>>	
Number of full time employees on the Gold Coast?	<<insert details>>	
How long has your business been established for the type of goods/services currently being tendered?	<<insert details>>	
What percentage of goods/services is sourced from the Gold Coast?	<<insert details>>	
Gold Coast Business Excellence Awards		
Has your business been a finalist (monthly winner) or won any category of the Gold Coast Business Excellence Awards?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
If yes, provide details	<<insert details>>	
Winner:	<<insert details>>	
Year:	<<insert details>>	
Category	<<insert details>>	
Winner:	<<insert details>>	
Year:	<<insert details>>	
Category	<<insert details>>	

# Work Health and Safety

Council of the City of Gold Coast  
ABN 84 858 548 460  
[cityofgoldcoast.com.au](http://cityofgoldcoast.com.au)

## Privacy statement

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## Work Health and Safety Management System

Do you have a current documented WHS management system?

☐ Yes

Provided by:

Dated:

If the answer is yes, provide a copy of the WHS documents with your submission

☐ No

Does it have third party certification?

☐ Yes

Provided by:

Dated:

☐ No

## Contract specific hazards

Provide a minimum three SWMS for recent similar works.

<<insert details>>

# Insurances

Council of the City of Gold Coast

ABN 84 858 548 460

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Workers compensation insurance	
Policy number:	<<Provide details>>
Name of insurer:	<<Provide details>>
Named insured:	<<Provide details>>
Expiry date of the Worker's Compensation insurance policy:	<<Provide details>> <b>NOTE:</b> Specify any exclusions and deductibles to the above Insurance Policy.
Public liability insurance	
Policy number:	<<Provide details>>
Name of insurer:	<<Provide details>>
Named insured:	<<Provide details>>
Sum insured:	<<Provide details>>
Expiry date of the public liability insurance policy:	<<Provide details>> <b>NOTE:</b> Specify any exclusions and deductibles to the above Insurance Policy.
Other insurances	
<<Provide details>>	



# Licences and Certifications

Council of the City of Gold Coast

ABN 84 858 548 460

[cityofgoldcoast.com.au](http://cityofgoldcoast.com.au)**Privacy statement**

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Electrical Contractors Licence	
Licence number:	<<Provide details>>
Category:	<<Provide details>>
Valid to:	<<Provide details>>
Restrictions / conditions (if any) on Licences (list if applicable)	<<Provide details>>
Confined Space Competency	
Name:	<<Provide details>>
Certification number:	<<Provide details>>
Valid to:	<<Provide details>>
Restrictions / conditions (if any) on Licences (list if applicable)	<<Provide details>> Attach a copy in your tender submission
Certification of vehicle mounted lifting equipment	
Name:	<<Provide details>>
Certification number:	<<Provide details>>
Valid to:	<<Provide details>>
Restrictions / conditions (if any) on Licences (list if applicable)	<<Provide details>> Attach a copy in your tender submission

# Environment

Council of the City of Gold Coast

ABN 84 858 548 460

[cityofgoldcoast.com.au](http://cityofgoldcoast.com.au)**Privacy statement**

The Principal is collecting Personal Information for the purpose of administering the Invitation to Offer Process and subsequent Contract. This Personal Information may be shared with relevant officers of the Principal for the purpose of administering the Invitation to Offer Process and subsequent Contract or made publicly available in accordance with the requirements of the Principals [Procurement Policy and Standards](#) Personal Information will not be otherwise disclosed to any other third party without the consent of the Tenderer or successful Contractor, except where authorised or required by law.

**Environmental management**

Do you have a current documented environmental management system? If yes provide a copy of the environmental system documents with your tender.

☐ Yes

Provided by:

Dated:

☐ No

Does it have third party certification?

☐ Yes

Provided by:

Dated:

☐ No

# Current Contractual Commitments

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### Provide details of current applicable contractual commitments. Add additional tables if required.

The Principal will assess the current contractual commitments for the purpose of this Invitation to Offer and subsequent Contract.

These clients may be contacted as part of the evaluation process to verify the data contained in this Invitation to Offer. The Principal reserves the right to contact other clients whom you have not nominated. The Principal will ensure that confidentiality is maintained in relation to any information these or other clients provide.

Name of Client/Principal:

Contract title and summary of scope:

Contract value (\$):

Contracted Completion date:

Contract duration:

Location:

Name of Client/Principal:

Contract title:

Contract value (\$):

Contracted Completion date:

Contract duration:

Location:

Name of Client/Principal:

Contract title:

Contract value (\$):

Contracted Completion date:

Contract duration:

Location:

Name of Client/Principal:

Contract title:

Contract value (\$):

Contracted Completion date:

Contract duration:

Location:

# Capability of Key Personnel

Council of the City of Gold Coast

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Provide details of names, qualifications, professional membership and experience of personnel you propose to provide the Works. Add additional rows as required.

The Principal will assess the suitability of each candidate for the purpose of this contract. Changes (addition/deletion) to personnel must be approved by the Principal in writing. New personnel must have the same or greater qualifications and experience to those they are replacing.

Name:	
Formal training (qualification, registrations, certificates):	
Proposed role for this project:	
Experience relevant to this project:	
Employment status: (full-time, Apprentice, labour hire)	

Name:	
Formal training (qualification, registrations, certificates):	
Proposed role for this project:	
Experience relevant to this project:	
Employment status: (full-time, Apprentice, labour hire)	

Name:	
Formal training (qualification, registrations, certificates):	
Proposed role for this project:	
Experience relevant to this project:	
Employment status: (full-time, Apprentice, labour hire)	

Name:	
Formal training (qualification, registrations, certificates):	
Proposed role for this project:	
Experience relevant to this project:	
Employment status: (full-time, Apprentice, labour hire)	

## Schedule of proposed sub-contractors

Provide details of each proposed sub-contractor (if any) to be engaged in connection with the provision of the works. Also, define the scope and extent of services/works to be provided by each sub-contractor.

<<insert details>>

# Experience and Referees

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## List previous experience and referees in undertaking similar services

Give at least two recent relevant examples. Detail whether this experience was gained under your current business arrangement, and give the status of your employment (whether you were the main contractor, a sub-contractor, or an employee).

These referees may be contacted as part of the evaluation process to verify the data contained in this Invitation to Offer. The Principal reserves the right to contact other clients whom you have not nominated as referees. The Principal will ensure that confidentiality is maintained in relation to any information your referees or other clients provide.

Contract name:		
Brief description:		
Engagement of Tenderer:	<input type="checkbox"/> Main contractor	<input type="checkbox"/> Sub-contractor
Role of Tenderer:	<input type="checkbox"/> Odour unit maintenance <input type="checkbox"/> Responsive maintenance <input type="checkbox"/> Breakdown repairs	
Contract Manager:		
Approximate contract value:		
Commencement date:		
Completion date:		
Contract outcomes: Includes issues that impeded performance as well as actions that improved performance.		
Referee details:	Name:	
	Telephone:	
	Email:	

Contract name:		
Brief description:		
Engagement of Tenderer:	<input type="checkbox"/> Main contractor	<input type="checkbox"/> Sub-contractor
Role of Tenderer:	<input type="checkbox"/> Odour unit maintenance <input type="checkbox"/> Responsive maintenance <input type="checkbox"/> Breakdown repairs	
Contract Manager:		

Approximate contract value:		
Commencement date:		
Completion date:		
Contract outcomes: Includes issues that impeded performance as well as actions that improved performance.		
Referee details:	Name:	
	Telephone:	
	Email:	

# Plant and Equipment

Council of the City of Gold Coast

ABN 84 858 548 460

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**Provide a list of plant and equipment proposed for these Works. You may be required to make plant and equipment available for inspection and assessment. It is understood that the successful Tenderer may require additional plant and equipment following award of the contract.**

Plant and Equipment	Number proposed
Vacuum truck / tanker	
Certified vehicle mounted or mobile lifting device	



# Methodology

Council of the City of Gold Coast

ABN 84 858 548 460

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### Provide an outline of the method by which you would organise and execute the Work required of you including but not limited to the following.

Give sufficient details to demonstrate your clear understanding of all the operations necessary.

Provide details, to supplement the information given earlier, concerning but not limited to the following:

- capacity of personnel and equipment
- proposals to achieve maximum output and efficiency if present levels of staff and equipment are insufficient (such as increasing training, special arrangements such as partnerships, specific hire or purchase options)
- proposed methodology/processes to carry out the Services as detailed in the Specification, in particular addressing the following:
  - Proposed methodology to carry out the isolation of the units prior to carrying out the Services and reconnection of the odour units once the Services have being completed.
  - Proposed process to respond to breakdowns and minor repairs.
  - Proposed methodology to maintain flow of traffic/pedestrians.
  - Proposed process to respond to breakdowns
  - Proposed processes to ensure that WHS hazards have been adequately addressed.

# Conflict of Interest Declaration and Confidentiality Agreement

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## Privacy Statement

The Principal is collecting Personal Information from the Tenderer/Offeror for the purpose of administering the Invitation Process and Contract. This Personal Information may be shared with relevant officers of the Principal for the purpose of administering the Invitation Process and Contract or made publicly available in accordance with the requirements of the Procurement Policy [Procurement Policy and Standards](#). Personal Information will not be otherwise disclosed to any other third party without the consent of the Tenderer/Offeror, except where authorised or required by law.

## Key Information

Contract number: <insert contract number>

Contract title: <insert contract title>

This declaration is to be used by external parties to Gold Coast City Council (Principal) involved in any aspect of the Principals Invitation to Offer process.

I <insert contractors employees name>

of <Insert contractors Legal Company Name and address>

of <insert contractor employees private address>

## Conflict Of Interest Declaration

In accordance with the Conditions of Offer I hereby declare that with regard to information supplied to the Principal:

1. Neither myself nor any partner or relative of mine has, either directly or indirectly, any interest, actual or perceived, other than as set hereunder, in any business associated with Principal's procurement activities. I do not consider that I or any partner or relative will obtain any benefit, gain or advantage by my involvement in Principal's procurement activities.
2. I warrant that before signing this declaration, I have disclosed on the reverse of this document all the past, current and anticipated interests, actual or perceived, which may conflict, with my impartial involvement in these activities.
3. I agree that during Principal's procurement activities I will not engage in any activity or obtain any interest likely to conflict with my impartiality in respect of information supplied. In the event that such an activity or interest arises, I will immediately disclose it to Chief Procurement Office, Council.

Signature (Electronic signatures accepted)

Date: DD/MONTH/YEAR

## Confidentiality Agreement

In accordance with the Conditions of Offer I hereby undertake that any business related information, data or application systems, code and documentation ("information"), disclosed or provided to me by the Principal in connection with services performed by me for the Principal will be subject to the following obligations:

1. I will not, without the prior written consent of the Principal disclose the information to any person;
2. I will not use the information for any purpose whatsoever other than that for which it was provided by the Principal;
3. I will, on the written request of the Principal, return all the information other than that which is, or has been disclosed or provided orally; and
4. I will obtain no right of any kind in or to the information upon its receipt except for the purposes for which it is provided.

The foregoing obligations of confidentiality and non-use will apply for a period of ten years from the date hereof to all the information. Provided that the said obligations will not in any event apply to:

1. Information or any part which is in the public domain prior to the date hereof;

2. Information or any part which becomes public or available to the general public otherwise than through any act or default of mine; and
3. Information in respect of which the Principal in writing releases me from my obligations under this agreement.

Signature (Electronic signatures  
accepted)

Date:

DD/MONTH/YEAR

#### Possible Conflict of Interest Declaration

In accordance with the Conditions of Offer I hereby declare that the following are all the past, current and anticipated interests, which may conflict, with my impartial involvement in Principal's Invitation to Offer Process.

(if none write NONE)

Signature (Electronic signatures  
accepted)

Date:

DD/MONTH/YEAR

# Deviations

Council of the City of Gold Coast

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**Proposed Deviations, acceptance is at the discretion off the Principal in accordance with Clauses 11 and 12 of the Conditions of Offer**

Section	Clause number	Proposed Deviations
Section 4: Specifications	<<insert clause number>>	<<insert details of proposed deviations>>
Section 5: Conditions of Contract	<<insert clause number>>	<<insert details of proposed deviations>>

# Price Response forms

## [Price Submission](#)

Only Provide pricing in the Price Submission document and not in any other part of the tender including cover letter.

# Price Submission

Please use **CAPS LOCK** and complete all details in full.

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## Tenderers declaration

I/We, the duly authorised delegate of the legal entity named below certify that in submitting this Price Submission, have read, understood and complied with the requirements of the Conditions of Offer, have the delegated authority to submit an Offer and have completed all response forms as a true and accurate account of the Invitation to Offer.

Legal business/entity name:

## Schedule of Rates

Pay Item	Brief Description	Unit	Qty	Unit Rate (\$ excl GST)	Price (excl GST) (Qty x Unit Rate)
Section 1: Maintenance Services					
1.01	Private odour filter - 50-100mm	Item	25		\$ -
1.02	Odour filter - 250-350mm	Item	15		\$ -
1.03	Nutrient dosing	Item	140		\$ -
1.04	Carbon/Bio media <150Kg	Item	140		\$ -
1.05	Carbon/Bio media 150Kg - 500Kg	Item	40		\$ -
1.06	Carbon/Bio media 500Kg-1500Kg/1-5 m3	Item	30		\$ -
1.07	Carbon/Bio media 1500Kg - 3000Kg/5-10 m3	Item	20		\$ -
1.08	Carbon/Bio media 3000Kg-6000Kg/10-20 m3	Item	10		\$ -
<b>Sub-total amount for Section 1 (To be carried forward to the Summary)</b>					\$ -

Pay Item	Brief Description	Unit	Qty	Unit Rate (\$ excl GST)	Price (excl GST) (Qty x Unit Rate)
Section 2: Provisional items adhoc/corrective maintenance					
2.01	Normal working hours rate for adhoc/corrective maintenance	hr	250		\$ -
2.02	After normal working hours rate for adhoc/corrective maintenance	hr	120		\$ -
2.03	Normal hours rate for removal of carbon/bio-media	hr	250		\$ -
2.04	Disposal rate for non-trackable waste	m <sup>3</sup>	100		\$ -
2.05	Traffic control - one traffic controller and a ute	hr	100		\$ -
2.06	Materials	Item	1	\$ 30,000.00	\$ 30,000.00
2.07	Material mark up	%	1	10%	\$ 3,000.00
<b>Sub-total amount for Section 2 (To be carried forward to the Summary)</b>					\$ 33,000.00

## Summary of Schedule of Rates

Section	Description	Amount (exl GST)
1	Maintenance Services	\$ -
2	Provisional items adhoc/corrective maintenance	\$ 33,000.00
<b>Total amount</b>		<b>\$ 33,000.00</b>

## General notes applying to Schedule of Rates Contracts

The rates tendered will be used for assessing the tenderer's appreciation of the scope of the work, as the basis for progress payments and for valuing variations.

Make all allowances in the rates and amounts submitted in the Schedules of Rates for all temporary facilities, establishment, disestablishment, transport, fees, permits, approvals, traffic/pedestrian control, overheads, legislative compliance, profit, and all labour, equipment, material and work necessary for the completion of the Contract.

The extent of works and or services to be carried out is defined by the Specifications, drawings and other contents supplied in the Invitation to Offer Documents

The quantities shown in the Schedule of Rates are based on the Principal's estimated requirements for the Contract.

'Provisional Quantities', 'Provisional Items' and 'Provisional Sums' entered in the Schedule are to be used in arriving at the Tender Amount, but are subject to re-measure with payment made at the Scheduled Rate (unless otherwise provided for) on the finally agreed quantity.

Check the accuracy of the information entered in the Schedule of Rates prior to submitting the tender. Do not change existing information.

The actual quantities to be ordered may be more or less than those listed in the Schedule of Rates.

The Principal accepts no responsibility or liability for any difference between the quantities stated in the Schedule of Rates and the quantities actually ordered during the period of the Contract.

All rates to be exclusive of GST.

Where indicating currency all unit rates must be rounded to the nearest two decimal points.

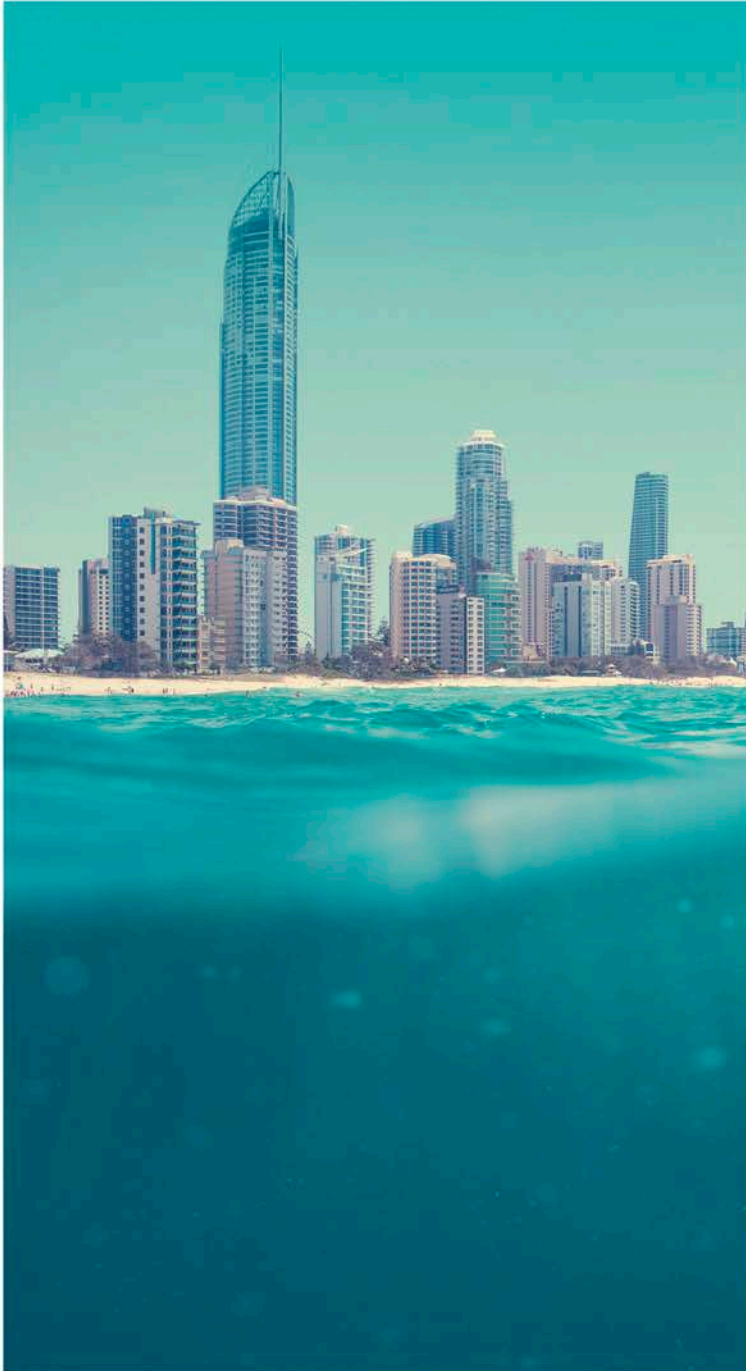
Refer to the Contract Header for Rise and Fall applicability.

# ATTACHMENTS

ATTACHMENT A:	SPECIFICATIONS
ATTACHMENT B:	LIST OF ODOUR UNITS
ATTACHMENT C:	ODOUR UNIT LOCATION MAPS
ATTACHMENT D:	EXAMPLE WORK REQUEST



# ATTACHMENT A: SPECIFICATIONS



# Specifications



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**LG314/690/17/005**

**Attachment A -  
Specifications**

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## Part A: General

### 1 Interpretation

Unless implied to the contrary, all directions in this section onwards of this document are addressed to the Contractor. Except where the context otherwise requires, the following are applicable.

- 'apply', 'carry out', 'rectify', 'ensure', 'supply', 'install', 'reinstate', and similar expressions means by the Contractor and included in the contract price and / or rates unless specified otherwise.
- 'approved', 'directed', 'required', 'rejected', and similar expressions means approved, directed, required, rejected, and the like, by the Superintendent.
- 'environmental laws' means in respect of the land and buildings the subject of Contract and the use to be conducted by the Contractor pursuant to the contract, any law (whether Commonwealth, state or common law), orders, notices, consents, regulations, authorisations, approvals and permits or any authority relating to or dealing with the following.
  - Planning and land use
  - the environment
  - health
  - any contaminant or hazardous substance or material
  - the use, storage or transportation of a contaminant or hazardous substance
  - the disposal, discharge or treatment of a contaminant or hazardous substance
  - the spill or leakage of a contaminant or hazardous substance
  - the treatment, containment or removal of a contaminant or hazardous substance
  - the remediation of land.
- 'give notice', 'submit', 'furnish', and similar expressions means give notice, submit, furnish, and the like, to the Principal.
- 'Principal's nominated representative' is either the Superintendent or the Council Contract Representative as nominated in Response form: Contract Header: Goods and/or Services
- 'responsible authority' means a local government or any government (state or federal) department or other agency charged with the responsibility of administering or enforcing legislation.
- 'Works Inspector', 'Principal's Inspector', 'Job Inspector' means a duly authorised person required to enter onto the work site to inspect and / or measure some aspect associated with or effected by the works on behalf of a government or statutory authority or Superintendent approved organisation.

## 2 Definitions

**DEHP:** Department of Environment and Heritage Protection

**DNRM:** Queensland Department of Natural Resources and Mines

**experienced:** trained, competent, and having a minimum of 1000 hours of on-the-job current industry experience.

**GIS:** Geographic Information System, being a system for capturing, storing, analysing and managing data and associated attributes which are spatially referenced to the earth.

**LGA:** *Local Government Act 2009* and *Local Government Regulation 2012*.

**maintenance:** is the repair, replacement and upkeep of existing assets. Maintenance work keeps an asset functioning in its current operational state and does not enhance or change the initial design or function of the asset without extending its useful life

**MUTCD:** TMR 'Manual of Uniform Traffic Control Devices'

**NATA:** National Association of Testing Authorities

**PPE:** Personal protective equipment

**RPEQ:** Registered Professional Engineer of Queensland

**SDS:** Safety data sheets

**SWMS:** Safe Work Method Statement

**TMP:** Traffic Management Plan

**TMR:** Queensland Department of Transport and Main Roads

**Traffic Controllers:** individual(s) who are trained, qualified and accredited in the controlling of vehicular and pedestrian traffic on public roads, and who are also capable of managing traffic around and through work sites

**traffic control devices:** any traffic controlling devices, such as stop / slow signs, traffic cones, road signage, and equipment that are used for performing this contract

**WHS:** Work Health and Safety

**work site(s):** any fixed or moving work sites

## 3 Services

Commence each service at a location and at the time and date directed by the Superintendent and complete the service within the time frame specified.

Respond within 24 hours of receipt of any specific written directions of the Superintendent in relation to the performance of the work, except for a variation or a Request for Service where applicable.

## 4 Plant, equipment and materials

Ensure that all items of plant, equipment, materials, machinery, vehicles and tools used in the performance of the works complies, and is maintained and serviced in accordance, with all laws, relevant Australian standards, and manufacturer's specifications.

The Principal may prohibit the use of any item that in its opinion may cause danger, nuisance, environmental harm, or does not produce satisfactory results. This will not relieve the Contractor from the responsibility in performing the works in accordance with the specifications. Do not use large tractors/slathers with a single cutting blade without the Superintendent's written acceptance.

Ensure that all maintenance records are kept with the relevant item, or at the Contractor's business premises.

Allow the Principal to inspect any maintenance record of any item. When an inspection is required, the Principal will notify the Contractor in writing. Within one working day of receiving such request, make the requested records available at the Contractor's business premises for inspection by the Principal.

Provide copies of SDS to the Principal, where applicable.

Any item (whether owned, hired, leased or supplied by the Contractor) which is used in the performance of the services will be considered to be the Contractor's equipment for the purposes of this Contract.

## 5 Operators

Use operators who are trained in the safety requirements contained in the appropriate Australian standards. Ensure that only individuals with the appropriate licences necessary to operate an item of Contractor's plant and equipment, operate that item.

Use all items in accordance with the manufacturers' recommended specifications and purposes.

Ensure PPE is supplied to those persons actually performing the services as required by the *Work Health and Safety Act 2011*.

## 6 Damage caused by the Contractor

Be responsible for, and rectify any damage caused by the Contractor or their agents carrying out the works.

The Contractor will notify the Superintendent immediately of any damage caused to Council property, or third party property, in the course of work being carried out as part of this Contract.

## 7 Relations with others

Be prepared to work while other contractors / workers are present on the same site, but not directly involved with the works. In addition, be prepared to work while members of the public are in the same general location.

Ensure that all other works being undertaken on the site are not affected in any way by works engaged under this Contract.

## 8 Disposal of refuse

Remove from the work site refuse (including food scraps and the like) resulting from work under the contract. Handle refuse in a manner so as to confine the material completely and prevent any emission or spillage. Dispose of litter and debris at an appropriately licensed waste disposal facility.

## 9 Disposal of spoil

Unless otherwise specified, remove all spoil not required as part of the works from the Site. Pay all tipping fees at Council waste disposal facilities. These fees are not refundable.

## 10 Transport of materials

Convey soils, earth, sand, loose debris, and similar loose materials to or from the Site in a manner that will prevent dropping of materials on streets. Cover all loads with taut heavy-duty purpose fitted tarpaulins to ensure no loss of load or dust. Ensure that the wheels, tracks and body surfaces of all vehicles and plant leaving the site are free of mud, and that mud is not carried on to adjacent paved streets or other areas. This may require a wash bay on Site.

Be aware of legal obligations if moving restricted items from or within Fire Ant Restricted areas.

Refer [https://www.daf.qld.gov.au/data/assets/pdf\\_file/0007/167812/RIFA-restricted-area-SEQ.pdf](https://www.daf.qld.gov.au/data/assets/pdf_file/0007/167812/RIFA-restricted-area-SEQ.pdf). This includes understanding the risks of spreading fire ants and developing strategies to address these risks. Refer <https://www.daf.qld.gov.au/plants/weeds-pest-animals-ants/invasive-ants/fire-ants>. Strategies to address risks must be included in a Fire Ant Risk Management Plan which must be approved by a Biosecurity Queensland inspector. Follow the Approved Risk Management Plan (ARMP) to prevent the spread of fire ants. A copy of the ARMP must be provided to the Superintendent prior to commencement of any site works.

## 11 Traffic and pedestrian control

Where relevant, restrict any effects on movements of vehicles and pedestrians on public roads and footpaths to a minimum. Where any disruption is likely to occur, prepare and implement a traffic management plan prior to commencing the works. Refer the plan to the Superintendent, or the Council Contract Representative where applicable, with respect to disruption to vehicular and pedestrian traffic and access to private property.

There must be a minimum of one Contractor at each worksite with MUTCD traffic management level one.

Further to Section 5: Conditions of Contract: Compliance with all Laws and in Section 5: Special Conditions of Contract: Legislative Requirements, consider and implement the current versions of these and any other relevant acts or regulations.

- AS 1742 'Manual of Uniform Traffic Control Devices'.
- The Queensland *Transport Operations (Road Use Management) Act 1995*.
- Queensland Government, Department of Transport and Main Roads 'Manual of Uniform Traffic Control Devices'.

## 12 Road closure approval

Where the Works will impact on traffic flow, such as requiring a partial or full road closure, prepare a TMP with the proposed dates and times of operation.

- Submit this to the Superintendent where applicable for assessment and acceptance including the following information.
  - The Contractor's name, telephone number, and address.
  - Type of closure (eg. temporary or permanent to specific type of traffic).
  - Address and details of the area affected (eg. street name, suburb, cross streets etc).
  - Date and start and finish times of closure.
  - Details of closure (eg. closure of a lane, half road, full road, footpath, parking or a combination of these).
  - Description of work being undertaken including the TMP with details of closure (eg. indicate part of the road to be closed, provision for pedestrians, affected bus stops/zones, affected schools/CBD areas/traffic signals).
- Such acceptance will be in respect of the TMP (the impact of any closures on traffic conditions, and proposed provisions to lessen the effects for all road users); not the Traffic Control Plan (TCP) or Traffic Guidance Scheme. Allow up to 10 working days for acceptance of the TMP.
- Do not commence the Works which may impact the traffic flow until the acceptance of the TMP has been.

## 13 Inspection

If the specification requires notice of inspection to be given in respect of any part of the work under the Contract, do not place further work over that part of the work or allow it to be covered up or put out of view without the prior approval of the Principal. No claim for delay will arise from the giving of insufficient or unreasonably short notice in respect of inspections. The minimum notice required by the Principal to undertake an inspection is two working days.



## 14 Access to private property

If access to private property is required to carry out the works, provide four working days' notice to the Superintendent or the Council Contract Representative where applicable, and to residents affected by the work.

Make every effort to minimise obstruction to private property. Vehicular access may only be denied for a maximum of 12 hours. Provide temporary access if permanent access cannot be provided within this time.

Maintain safe and reasonable personal access to properties at all times.

## 15 Contractor identification

When working in public areas, all Contractor's plant, equipment, vehicles and employees uniforms must clearly display the company name and contact details.

## 16 Customer service

The Contractor must comply with this clause and the Principal's [code of conduct for employees](#) located on the Principal's website.

The Contractor must be presented in neat appropriate work wear, deal courteously with the public at all times and provide the following to any person who requests.

- The Contractor's name, telephone number, and address.
- The name of a person who can be contacted at that telephone number.
- The Contractor's procedure for lodging a claim regarding damage to property or personal injury.

Where issued, loss of an identification card will incur a replacement cost to be met by the Contractor by a deduction from payments due or otherwise.

## 17 Communications

Supply and maintain a method of communications between the office and site crews that is acceptable to the Superintendent.

Provide mobile telephones or equivalent mode of communication for on site communications with the Superintendent.

Supply and maintain a current email address, which must be contactable by the Superintendent or the Council Contract Representative where applicable, at all times.

## 18 Standards

Current Editions: An Australian or other standard applicable to the works will be the edition last published not later than one month prior to the closing date for tenders.

## 19 Worker's compensation insurance

Comply with the *Workers' Compensation and Rehabilitation Act 2003*.

## 20 Daywork records

Refer to Section 5 Special Conditions of Contract Operational Works.

## 21 Storage on site

Do not use roads, driveways, paths, hardstandings and the like forming part of the works for access or storage unless prior written approval has been given by the Superintendent. Such approval will not be withheld unreasonably.

Store materials and equipment on site so as to prevent deterioration of materials and equipment, prevent damage to the site, and to minimise hazards to persons, materials and equipment. Keep storage areas neat and tidy.

## 22 Access to site

Further to Clause 27 of the Conditions of Contract, the Superintendent will advise in writing details for access to the site.

The Contractor must comply with all requirements for access to any of the Principals nominated sites.

If access to Principals operational sites is required outside normal business hours, provide reasonable notification to the Superintendent.

### 22.1 Contractor's site area

The Contractor's access onto and around the site and the use of the site for temporary works and construction plant, including working and storage areas, locations of offices, workshops, sheds, roads, parking and the like, shall be restricted to those areas shown on the Drawings or approved by the Superintendent and subject to such conditions as are stated in the contract or may be imposed by the Superintendent.

### 22.2 Principal's Site Inductions

The Contractor may be required to undertake site specific inductions prior to being granted access to any of the Principal's operational sites.

The inductions assist in informing the Contractor of potential hazards that may be encountered when undertaking the work and outline the Principal's required safety expectations and the responsibilities of the Contractor when on a Principal's operational site.

The Contractor is to complete the appropriate inductions through the on-line induction process by contacting [GCWtraining@goldcoast.qld.gov.au](mailto:GCWtraining@goldcoast.qld.gov.au)

- General Induction to Gold Coast Water (Compulsory for all of the Principal's operational sites)
- Induction to Sewage Treatment Plants
- Induction to Itinerant and Construction Sites (Principal controlled)
- Induction to Reservoirs, Pump Stations and other sites (i.e. re-pump stations, manholes and valve pits)
- Induction to Waste Treatment Plants
- Induction to Council Depots and administration sites

The inductions will inform workers of potential risks that they may encounter when undertaking Services at a Principal's operational site. They also outline the required safety expectations and the responsibilities of workers when on a Principal's operational site.

To arrange for the on-line induction process to be completed please contact [GCWtraining@goldcoast.qld.gov.au](mailto:GCWtraining@goldcoast.qld.gov.au) and provide them with the following information:

- Name of company.
- Name of primary company contact.
- Email of primary company contact.

- ABN of company.
- Names of people to be inducted.
- Contact in Gold Coast Water / Council Contract Representative or Superintendents Representative.
- Sites inductees will be required to access.
- Name of induction/s to be completed of the following:
  - General Induction to Gold Coast Water
  - Induction to Itinerant and Construction Sites
  - Induction to Reservoirs, Pump Stations and Other sites
  - Induction to Sewage Treatment Plants

Individual passwords will be provided for each worker to complete the required inductions. A record of the inductions completed will be printable for each worker. It may be prudent for you to request access for all workers who could potentially attend an operational site, rather than the minimum number of workers who will attend site. This will facilitate a faster provision of access for your workers if your resourcing requirements suddenly change.

If the required inductions have not been completed and copies supplied to the Superintendent where applicable prior to the date of possession of site, access to the operational site may be restricted until the relevant inductions have been completed.

If requested individual workers must be able to present their individual induction cards while working on the site.

## 23 Dimensions and levels

Whilst every effort has been made to provide exact dimensions and levels where relevant, obtain or check all measurements before commencing work. Verify details of existing work before altering or adding to it. Report any discrepancies to the Principal's Representative. If individual (spot) levels are shown on the drawings, these take precedence over contour lines and ground profile lines.

## 24 Proprietary items

The identification of a proprietary item shall not necessarily imply exclusive preference for the item so identified, but shall be deemed to indicate the required properties of the item. An alternative item with the required properties may be considered for acceptance at the Superintendent's discretion.

When submitting an alternative item for approval submit sufficient information to permit evaluation of the proposed alternatives including evidence that the performance is equal to or greater than that specified.

## 25 Use of specifications from Queensland Department of Transport and Main Roads

When Standard Specifications from Queensland Department of Transport and Main Roads are included in these specifications, delete the references to the General Conditions of Contract made in MRS01, and replace them with the stipulated Clause from the General Conditions of Contract: NPWC3 – 1981 as follows:

- Replace reference to Clause 3.2 with 3.3 of the General Conditions of Contract: NPWC3.
- Replace reference to Clause 42.1 with Clause 42.1 of General Conditions of Contract: NPWC3 - 1981.
- Replace reference to Clause 42.2 with Clause 42.4 of General Conditions of Contract: NPWC3 - 1981.

- Replace reference to Clause 42.8 with Clause 42.7 of General Conditions of Contract: NPWC3 - 1981.

The Annexure(s) and Supplementary Specifications to Queensland DTMR Standard Specifications do not form part of this specification unless specifically provided by the Principal in Part B: Project Specific.

When the Standard Specifications from Queensland Department of Transport and Main Roads are included in these specifications, the Standard Specifications are to be amended as per the list of amendments provided in Part D: Attachments, if applicable.

## 26 Energex electrical inspections – lighting and power supplies

When underground electrical installation work for lighting and power supplies is undertaken by contractors, Energex requires that the work be inspected and approved.

- Complete 'Form 2', obtainable from Energex direct or via the internet ([www.energex.com.au](http://www.energex.com.au)). Submit this form to Energex to arrange an inspection.
- Submit evidence of inspections and approvals to the Superintendent before backfilling.

## 27 Certification of the design

Where the Contract requires design to be carried out which would require the designer to be registered under the Queensland Professional Engineers Act, the following is applicable.

- Ensure that the design of the Works is supervised at all relevant times by a designer who is a RPEQ, and experienced in work similar to the work under the Contract.
- Provide RPEQ certification in a form acceptable to the Principal in respect of the adequacy and suitability of the design of the specified parts of the Works.

Be prepared to:

- Warrant that the designer shall in carrying out its obligations under this Contract perform the design services to a standard of care, skill, judgement and diligence commensurate with that which would be expected of an experienced professional engineer with expertise in the provision of similar services for projects of the nature of the work under the Contract, and
- Indemnify the Principal for any damage, loss, cost, expense or liability (whether direct, indirect or consequential, present or future, fixed or unascertained, actual or contingent) arising out of a breach of obligations under this clause.

If the Contractor proposes to appoint an external consultant to act as designer rather than a suitably qualified employee of the Contractor, the following is applicable.

- Obtain the Principal's prior written approval of the nominated person.
- Do not replace the nominated person without the Principal's prior written approval.

Ensure that the terms of engagement include that the designer provides:

- a duly executed written deed of warranty and indemnity in favour of the Principal in a form acceptable to the Principal on the same terms as set out in this clause
- evidence to the Principal of the existence and currency of a policy of professional indemnity insurance with a limit of cover of not less than \$2,000,000 unless otherwise stipulated in the Contract Header.
- accept liability for the acts and omissions of the external designer as if they were acts or omissions.
- accept any obligation under this Contract by virtue of an approval to subcontract design services.
- accept that no payment under this Contract will be made until you have complied with your obligations.

## Part B: Project Specific

### 1 Provision of services

Carry out the services described further in this Part B: Project Specific at the locations and times specified as follows.

- In accordance with requirements of Part A utilise all labour, materials, plant and equipment, (including site establishment and disestablishment) necessary to perform the services.
- Work in accordance with the requirements of the Work Site and the directions of Superintendent.

### 2 Scope of Works

#### 2.1 Scope

The Principal requires reliable and effective service to facilitate the provision of scheduled maintenance, servicing and breakdown repair for various odour control units at both private and public locations to ensure compliance with the relevant regulatory requirements.

Service requirements for odour units include, but are not limited to, the following:

- Media replacement
- Minor repairs
- Nutrient dosing
- Disposal of the different types of media

The Principal will supply the activated carbon/bio media and nutrients to the Contractor for use in each Service. Organise the collection of materials as directed by the Superintendent from the Principal's Ashmore store at a time convenient to both parties.

The Services apply to each of the different odour control units as described in Attachment B – List of Odour Units and Attachment C Odour Unit Location Maps. The existing odour units may be subject to change and the Principal reserves the right to vary the number of odour units any time throughout the Contract term. Any equipment added or removed during the term of the Contract will be advised by the Superintendent in writing.

### 3 Ordering of work

The Services of the odour control units must be carried out in accordance with Clauses 4, 5 and 6 unless otherwise specified by the Superintendent in writing. The Superintendent will provide a work requests (refer to Attachment D: Example Work Request) on a monthly basis, along with a work order sheet detailing the requirements of each unit and the pick-up date, time and point for the activated carbon and/or bio media as required.

For all repairs, urgent Services or anything outside the scheduled maintenance, the Superintendent will provide additional work requests outlining the Services required.

Ensure that the Services issued are carried out in the most efficient manner. All sites requiring traffic control must be completed sequentially where possible.

At any time during the Contract, the Principal may require Services to be issued through electronic devices issued to the Contractor by the Principal.

These electronic devices will remain the property of the Principal and must be returned to the Principal at the completion of the Contract in the same working condition it was issued in. Cost associated with repairing any damages to the electronic devices will be payable by the Contractor.

A two hour training session on how to receive and complete the jobs on the electronic device will be provided by the Principal.

## 4 Programmed Servicing of Odour Units

### 4.1 Odour Filters

Odour filters are located at the City's wastewater pump stations and also at private dwellings as vent filters. Servicing of these filters consists of removing the media from the filter and replacing it with Principal supplied media. These filters are located at the roof top of each location and working at heights safety equipment/plant must be used to gain access.

The Superintendent must be on site when servicing odour filters fitted to private dwellings. A minimum of 48 hours must be provided to the Superintendent prior to carrying out the Services.

### 4.2 Carbon Units

The types of carbon units required to be maintained are as follows:

- Carbon media/Bio media replacement for units 3000 Kilograms (kg) to 6000kg or 10 to 20 cubic metres (m<sup>3</sup>)
- Carbon media/Bio media replacement for units 1500kg to 3000kg or 5 to 10 m<sup>3</sup>
- Carbon media/Bio media replacement for units 500kg to 1500kg or 1 to 5 m<sup>3</sup>
- Carbon media/Bio media replacement for units 150Kg to 500Kg
- Carbon media/Bio media replacement for units less than 150Kg

For each of the above carbon units the following process must be followed;

- Isolate/disconnect any electrical/mechanical Works necessary to be able to carry out the Services.
- Remove the cover of the unit, allowing access to the existing activated carbon/bio media. Due to the suction, the covers for these units can require a lift capacity of up to 1 tonne and covers are typically rigid and flat weighing up to half a tonne. For units less than 150kg the covers maybe greater than 2.5m. A certified vehicle mounted or mobile lifting device suitable for these weights and heights must be utilised.
- Remove existing activated carbon/bio media and dispose of it in accordance with the Local State and Federal waste management authorities.
- Larger units will require mechanical equipment such as vacuum tankers to remove used carbon.
- Refill the unit with activated carbon/bio media, activated carbon comes in 25kg bags, and replace the cover.
- Re-connect any electrical/mechanical isolation required for the Services, returning the unit to its normal operation
- Once the Service is complete, advise the Superintendent within one hour via a phone call followed up by an email, providing comments and a photo of the job complete. Ensure the unit area is left in a safe, clean and uncontaminated state.

### 4.3 Transport and disposal of waste via Vacuum Tanker

Removal and disposal of both carbon media/bio waste and sewer contaminated media waste must be in compliance with the relevant regulatory requirements.

## 5 Nutrient Dosing

Nutrient dosing is to be undertaken using the following process:

- Isolate/disconnect any electrical/mechanical Works necessary to be able to carry out the Services.
- Remove the cover of the unit, allowing access to inspect the nutrient injection pumps and confirm serviceability. Any basic maintenance such as clearing blockages from outlet nozzles must be completed as part of the Service. Any major failures must be reported to the Superintendent immediately by phone, followed up with email providing details of the failure, comments and a photo of works required.
- Check the nutrient tank level and top up with Principal supplied nutrient as per the work request and service request sheet.
- Record the actual nutrient dose required. Reconcile the amount used with the amount shown on the work request. Provide a report to the Superintendent with any discrepancies with the monthly claim.
- Re-connect any electrical/mechanical isolation required for the services, returning the unit to its normal operation.
- Once the Service is complete, advise the Superintendent within one hour via a phone call followed up by an email, providing comments and a photo of the job complete.
- Ensure the unit area is left in a safe, clean and uncontaminated state.

## 6 Minor Repairs

During the scheduled inspection and maintenance servicing activities, immediately notify the Superintendent of any additional unscheduled works or activities that are required to allow the safe and efficient continual function of the unit. Provide details of the recommended Services, an estimate of the expected time and cost to undertake the recommended additional Services and a photo of the damaged or repairable part/item. The Superintendent may give approval to undertake the Services and the cost of such Service must be charged as per the Price Submission awarded hourly rates or in accordance with the submission provided by the Contractor, the latter inclusive of any material costs if applicable.

Should the repair cost total be under \$500.00 excluding GST, the Contractor must in the first instance, contact the Superintendent for approval, however should the Superintendent not be immediately contactable, the Contractor may proceed without approval, this must be followed up with an email. If the repair cost is over the above mentioned threshold and the Superintendent has not responded with approval, the Contractor is to complete their service only, not repair the damaged part and is to leave the site in a safe, clean and uncontaminated state.

## 7 Working hours

The hours of work referred to in Section 5: Special Conditions of Contract Operational Works: Working hours are Monday to Saturday between 7am and 6pm excluding public holidays. Should the Superintendent, upon written application to do so, permit work to take place outside of these hours, comply with the Clause 'General Environmental Duty' as contained in the *Environmental Protection Act 1994*.

## 8 Measurement and payment

### 8.1 Payment

Refer to Clause 7 of the Special Conditions of Contract. Submit claims for payment each month, or at shorter intervals if requested by the Superintendent.

### 8.2 Measurement

In addition to the General Notes applying to the Schedule of Rates in Response form: Price Submission the rates include for all activities associated with the Services described in Clauses 4 and 5 of this specification. Payment will be made in accordance with the following pay items:



**Pay item – 1.01 to 1.02**

Pay items are to include all costs associated with removing the media from the filter and replacing it with Principal supplied media.

**Pay item – 1.03**

Pay item includes all costs associated for the servicing of the odour control unit.

**Pay item – 1.04 to 1.08**

Pay items are to include all costs associated with the process for isolation of the odour control unit, media removal/replacement and the reinstatement of the odour control unit to an operational state

**Pay item – 2.01 to 2.02**

Pay items are to include all costs associated with hourly rates for the provision of labour for ad hoc corrective works associated with odour control units including but not limited to labour and transport to and from site.

**Pay item – 2.03**

Pay item includes all costs associated with vacuum removal of carbon/bio-media and delivery to point of disposal, including but not limited to, labour, plant and equipment, and transport.

**Pay item – 2.04**

Pay item includes all costs associated with the disposal of carbon/bio-media.

**Pay item – 2.05**

Pay item includes all costs associated with the provision of traffic control (one traffic controller and a ute).

**Pay item – 2.06**

Pay item is a provisional sum for additional materials, plant, and equipment that may be required to enable repairs to odour control units. This is not applicable to the materials, plant and equipment required to complete the Services associated with Pay Items 1.01 to 1.08. This pay item will only be used on approval by the Superintendent.

**Pay item – 2.07**

Pay item is the percentage mark-up that will be applied to additional, materials, plant and equipment provided under Pay Item 2.06.

## 9 Operational Constraints

For all servicing activities observe the following operational constraints:

- All Services are to be carried out while the sewerage network is live, i.e. there will be no shutdowns of the network to facilitate these works.
- The odour control unit is to be isolated from the main to facilitate media replacement maintenance activities.
- If the isolation valve is not functioning correctly, work on this odour control unit must cease immediately and the issue be reported to the Superintendent. The Superintendent will advise when the isolation valve is again operable for works to precede.

## 10 Work Health and Safety

### 10.1 Status of Contractor in terms of Work Health and Safety Act

In accordance with Clause 28.5 of the Conditions of Contract and Clause 26 of the Special Conditions of Contract the status of the Contractor in terms of the Work Health and Safety Act is:

**Contractor as principal contractor** unless otherwise advised by the Principal in writing.

Be responsible for the performance of the functions of the principal contractor within the meaning of the *Work Health and Safety Act 2011 and Regulation 2011* (collectively known as 'the Act').

Upon accepting a tender by the Principal the Contractor is appointed as principal contractor in relation to the construction project under the Regulation. The Principal will lodge a Building and Construction Industry



Notification and Payment form with the Building and Construction Industry (Portable Long Service Leave) Authority and will pay the prescribed fees.

## 10.2 Known Hazards

In accordance with the *Work Health and Safety Act 2011* the known hazards for this project identified by the Principal are listed below. This assessment is not exhaustive and may exclude risks that are typical of work practices. Perform a risk assessment and subsequent Safe Work Method Statement of the hazards at each work site prior to the execution of the Works.

- Animals including insects, snakes and spiders that bite or sting.
- Extremes of heat, or cold (extreme in temperature caused by operating machinery or artificial environments such as cold rooms).
- UV radiation exposure longer than 15 minutes.
- Biological hazards (substances which consist of, or which may contain micro-organisms or non-viable products of living matter, which can create a risk to health eg. virus, bacteria. Examples – HIV, Hepatitis (A, B and C), Avian Influenza (Bird Flu), tetanus, typhoid fever, Q fever, Hendra Virus, dermatitis etc).
- Confined spaces (work that will be carried out in or near a confined space).
- Fall from heights (by a person from one level to another that is reasonably likely to cause injury to the person or any other person).
- Falling, flying objects or debris (eg. demolition work or high rise construction).
- Hazardous atmospheres (eg. land fill sites and confined spaces where gases, vapours or mist may be hazardous).
- Use, handling and storage of hazardous chemical / dangerous goods.
- Inadequate lighting (including work completed at night as well as inadequate task lighting, inadequate access and stair lighting and inadequate emergency lighting).
- Excessive noise for long periods (eg. piledriver and jackhammer).
- Operation of high risk plant and equipment (eg. air conditioner, cooling towers, lifts, escalators).
- Presence of hazardous airborne contaminants (eg. gases and vapours or dusts like lead, silica or pesticides).
- Pressure equipment operation (including steam boilers and associated pipe work, pressurised hot-water boilers, air compressors, and equipment associated with surface preparation or abrasive blasting). Prolonged or excessive use of display screen equipment (extended periods viewing computer monitors etc).
- Rigging work (eg. structural steel erection, hoists, pre-cast concrete members of a structure and safety nets and static lines, mast climbing work platforms, perimeter safety screens and shutters).
- Slips, trips and falls (eg. unstable, wet, slippery surfaces, excavation, exposed reo bars and posts / pegs).
- The presence of asbestos.
- Under ground or overhead utilities (gas, water, electricity etc).
- Violence and aggression (verbal / physical abuse from members of the general public).
- Work completed outside of normal operational hours (work extending or scheduled outside core business hours that may lead to fatigue).
- Work on or near chemical, fuel or refrigerant lines.
- Working near water or liquid that poses a risk of drowning.
- Working on or adjacent to moving traffic.

- Work carried out on, in or adjacent to a road, or other traffic corridor that is in use by pedestrians and/or other traffic.
- Work in remote or isolated areas.
- Young / unskilled labour (use of day labour).
- Working on or adjacent to Gold Coast Rapid Transit

### 10.3 Safe work

For works under this Contract the Contractor must provide the Superintendent, as and when requested, SWMS and/or Safe Work Procedures showing how all potential hazards will be mitigated for the safe completion of the works. The known hazards identified by the Principal above may not be complete, so where the Contractor identifies any additional hazards these must be included. The Contractor is to comply with all applicable obligations and a restriction imposed by the Act to deal with any additional hazards.

### 10.4 Sun protection requirements

The Contractor is to maintain at all times the minimum WHS standard for UV exposure including suitable controls for any worker that is exposed to UV for greater than 15 minutes. PPE standards such as broad brimmed hats, long sleeves and trousers must be worn unless the Site Specific risk assessment exempts this requirement. Copies of such must be supplied to the Superintendent.

## 11 Environmental protection

### 11.1 Environmental control

Comply with the provisions of all environmental protection provisions in this document, and with the requirements of the *Environmental Protection Act 1994*. Refer Section 5: Special Conditions of Contract.

Do not form new tracks, alter existing tracks, erect camps, remove trees or shrubs, cut fences, water, sewerage or power lines or any other such things without the written approval of the Principal.

Restrict dust caused by work under the contract to a minimum. Take all practical steps to minimise noise resulting from work performed under the contract.

### 11.2 Status of Contractor in terms of Environmental Protection Act

For this contract, the Contractor will be considered independent, and not a servant or agent of the Principal, for the purposes of complying with the *Environmental Protection Act 1994*.

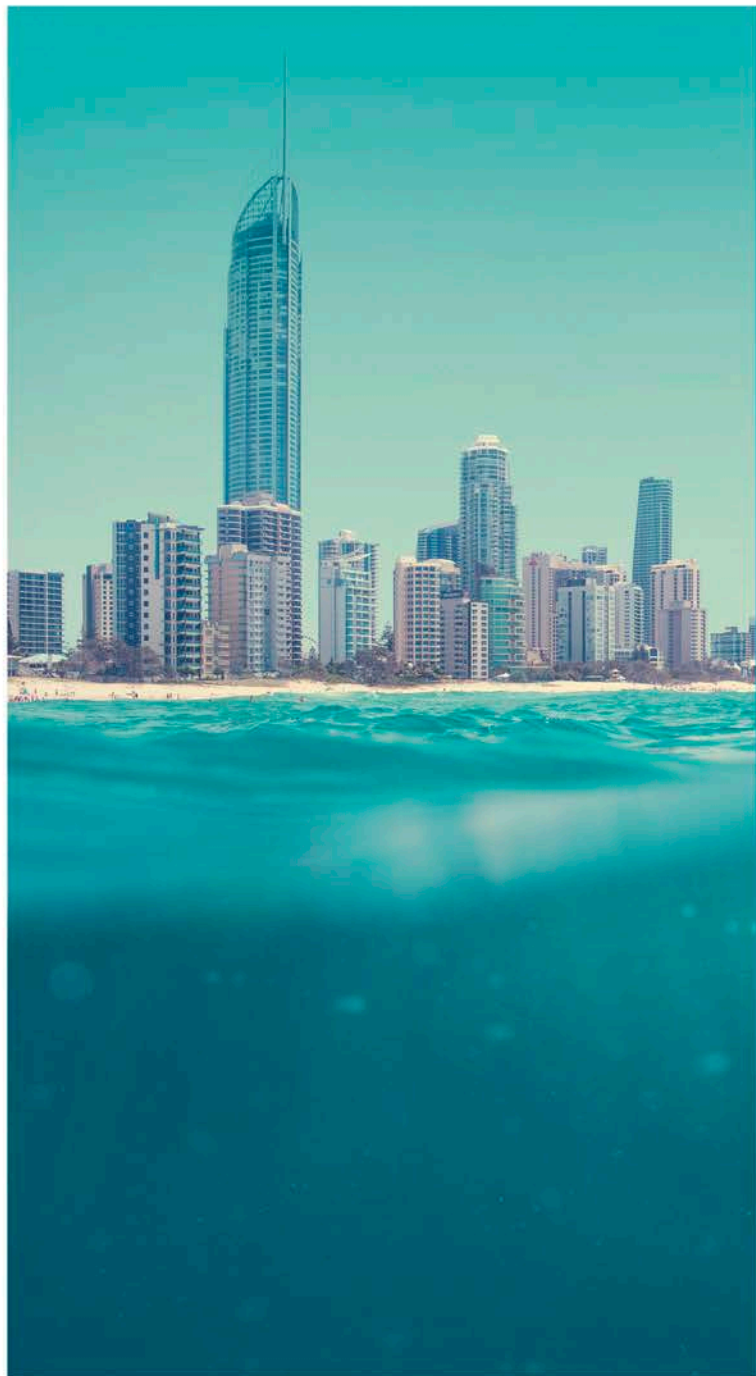
## 12 Asbestos

Unless otherwise stated, if asbestos in any form is found on the site of the works, stop operations affected by the discovery immediately, make safe and seek direction from the Superintendent, and await instructions.

## 13 Warranties and Manufacturer's Guarantees

Before the works can be considered complete, or before final payment will be made, provide all manufacturers' warranties or guarantees to the Superintendent.

Ensure the warranties or guarantees give the name of the Principal as the Warrantee, and that these are furnished by the Warrantor direct to the Principal.



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## **Council of the City of Gold Coast**

**P**O Box 5042 GCMC Qld 9729

**E** [mail@cityofgoldcoast.com.au](mailto:mail@cityofgoldcoast.com.au)

**W** [cityofgoldcoast.com.au](http://cityofgoldcoast.com.au)

**P** 1300 GOLDCOAST

# **ATTACHMENT B**

## **LIST OF ODOUR UNITS**

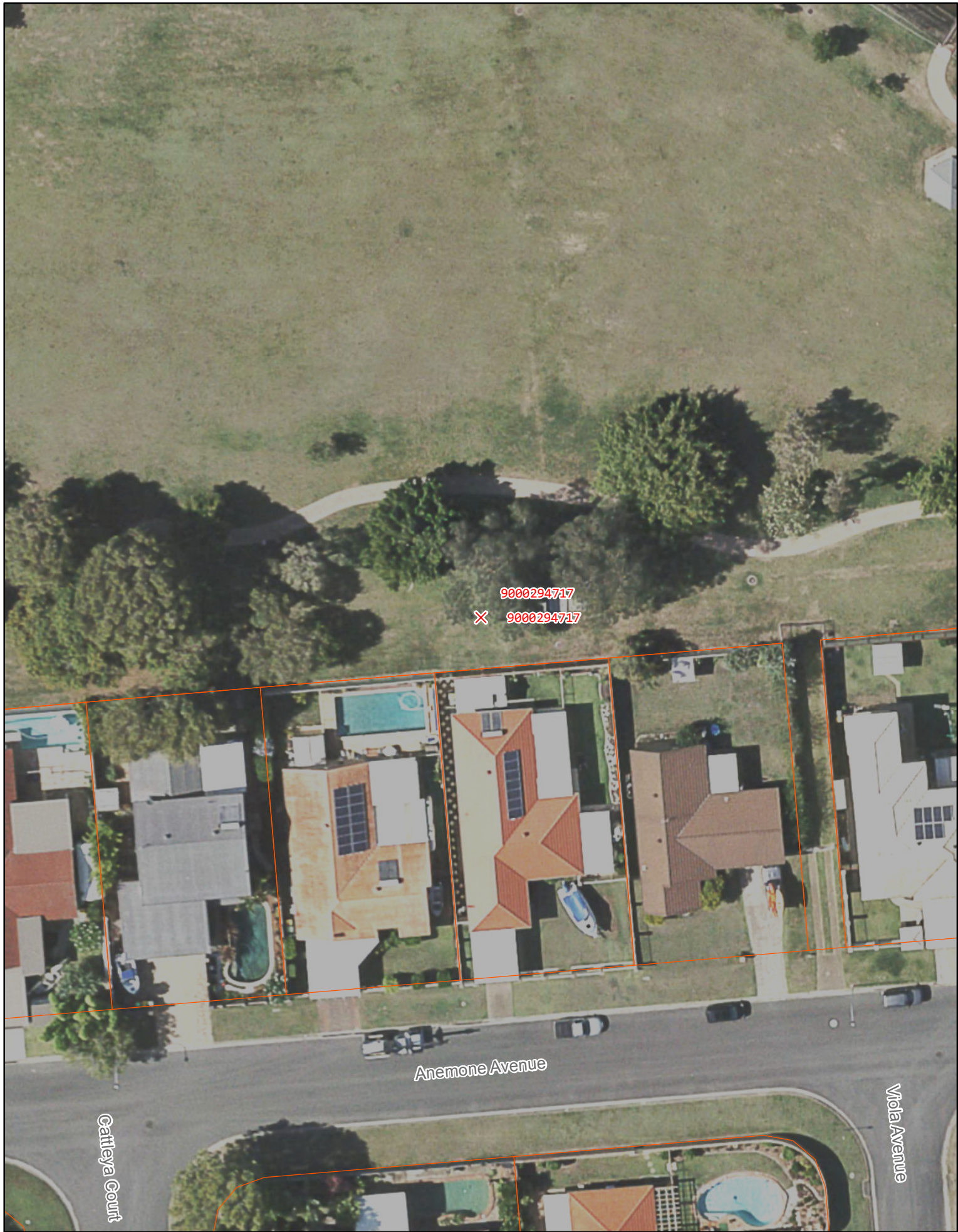
P/s No & Location	SAP EQUIPMENT ID	LEGACY ID	Type	Location	Nutrient Dosing	Bio media	Carbon Media	Kg's	Media Change Frequency	Maintenance Code	Changes P/A
D25 Anemone Street Runaway Bay 1	S-CO-SPUMP-D25	S077-D25	BIO	In park area		✓		75	6 mths	<150	2
D25 Anemone Street Runaway Bay 2	S-CO-SPUMP-D25	S077-D25	BIO	In park area			✓	75	6 mths	<150	2
A71 Glenmore Drive Ashmore 1	S-CO-SPUMP-A71	S042-A71	BIO	In park area		✓		75	12 mths	<150	1
A71 Glenmore Drive Ashmore 2	S-CO-SPUMP-A71	S042-A71	BIO	In park area			✓	75	12 mths	<150	1
Air Valve, Bridge Heathwood Drive	9000104194	S111-00091V	Drum	on bridge			✓	75	12 mths	<150	1
Air Valve, Reserve Road	9000138539	S111-00056V	Drum	No.9 on footpath			✓	75	12 Mths	<150	1
Air Valve, Greer, outside No 10	9000092868	S041-00013V	Drum	No.10 naturestrip			✓	150	3 mths	<150	4
Air Valve, Grevillia, outside No 16	9000237984	S059-00011V	Drum	No.16 naturestrip			✓	75	6 mths	<150	2
Air Valve, Salerno Street Bridge	9000102491	S053-00012V	Drum	Church			✓	75	6 mths	<150	2
19th Ave, Palm Beach - No 181	9000118810	S005-00004V	Drum	No.181 manhole			✓	75	6 mths	<150	2
19th Ave, Palm Beach - No 213	9000118828	S005-00019V	Drum	No.213 manhole			✓	75	6 mths	<150	2
19th Ave, Palm Beach - No 236	9000140607	S005-00015V	Drum	No.236 manhole			✓	75	6 mths	<150	2
19th Ave, Palm Beach - No 244	9000140590	S005-00011V	Drum	No.244 manhole			✓	75	3 mths	<150	4
Guineas Creek Road, Palm Beach - RSL	9000117922	S004-00018V	Drum	RSL car park near bridge			✓	150	3 mths	<150	4
Oak Avene, Surfers Paradise	9000104090	S058-00003V	Drum	Outfront of station			✓	75	12 mths	<150	1
Lupus Street, Southport School		S059-00009V	Drum	Playground			✓	75	6 mths	<150	2
121 Falconer Street, Southport 1		S038-00012V	Drum	No.121			✓	75	6 mths	<150	2
121 Falconer Street, Southport 2		S038-00012V	Drum	No.121			✓	75	6 mths	<150	2
81 Falconer Street, Southport 1		S038-00015V	Drum	Church			✓	75	6 mths	<150	2
81 Falconer Street, Southport 2		S038-00015V	Drum	Church			✓	75	6 mths	<150	2
19 Ottellia Drive, Elanora		S005-00028V	Drum	Before station			✓	75	6 mths	<150	2
Sandy Court, Lab Air valve on bridge		S040-00007V	Drum	On Bridge			✓	75	12 mths	<150	1
Old Pacific Highway, Oxenford			Drum	Opp Pub			✓	75	12 mths	<150	1
2 Marine Parade, Southport		SO41-00016V	Drum	In Grass area			✓	75	6 mths	<150	2
Skyline Terrace, Burleigh Heads 1		450 SRM AC	Drum	Off west Burleigh rd			✓	300	3 mths	150-500	4
Skyline Terrace, Burleigh Heads 2		450 SRM AC	Drum	Off west Burleigh rd			✓	75	3 mths	<150	4
Baekea Drive, Elanora - outside 29		100 SRM	Drum	In manhole			✓	75	12 mths	<150	1
Air Valve Guineas Creek Road Elanora		S004-00016V	Drum	On bridge			✓	75	12 mths	<150	1
Air Valve Oxenford Southport Road Hope Island		S090-00044V	Drum	On Bridge			✓	75	6 mths	<150	2
Christine Avenue Varsity Lakes		S015-00011V	Drum	In footpath m/hole			✓	75	12 mths	<150	1
Air Valve Harvest Court Southport		S041-00018V	Drum	On corner			✓	75	12 mths	<150	1
C28 Lacey's Lane Palm Beach		S007-C28	Drum	next to highrise			✓	75	6 mths	<150	2
A42 Muir Street Labrador 1		S060-A42	Drum	inside station		✓		75	12 mths	<150	1
A42 Muir Street Labrador 2		S060-A42	Drum	inside station			✓	75	12 mths	<150	1
Air Valve 69 Mortensen Road Nerang		S037-00296	Drum	top of hill			✓	75	12 mths	<150	1
Air Valve Markeri Street Bridge		S027-00048V	Drum	Front of church			✓	75	6 mths	<150	2
B21 Tahiti Avenue Palm Beach		S007-B21	Drum	Next to station			✓	75	6 mths	<150	2
Greywillow St Oxenford		S092-00048V	Drum	In grass area			✓	75	6 mths	<150	2
Allied Drive Labrador		S067-00001V	Drum	In manhole			✓	150	12 mths	<150	1
Inala Street Tugun		S002-00013V	Drum	Next to hway			✓	75	12 mths	<150	1
19th Ave Bridge		S008-00009V	Drum	First bridge			✓	75	6 mths	<150	2
Quinns Hill Road Stapylton		S100-00064V	Drum	In Road M/hole			✓	150	6 mths	<150	2
D45 Coombabah Road		S068-D45	Drum	Harbour Quays drv			✓	250	6 mths	150-500	2
D26 Rason Way Coombabah		S035-D26	Drum	Inside gates			✓	150	12 Mths	<150	1
117 Palm Meadows Drive		SO33-00007V	Drum	Opp grass area			✓	150	3 mths	<150	4
196 Highfield Drive Robina		S019-00003V	Drum	Petrol station			✓	75	6 mths	<150	2
D6 Forkinder Street Runaway Bay		SO78-D6	Drum	Outfront of station			✓	75	12 Mths	<150	1
Air Valve Monterey Keys Bridge		SO90-00046V	Drum	Roundabout			✓	75	6 mths	<150	2
A5 Isle of Capri		S044-A5	Drum	footpath			✓	75	6 Mths	<150	2
Ward st Southport		S038-00007V	Drum	footpath			✓	75	6 Mths	<150	2
D14 Moralla ave Biggera Waters 1		S070-D14	Drum	downstairs			✓	75	6 Mths	<150	2
D14 Moralla ave Biggera Waters 2		S070-D14	Drum	downstairs			✓	75	6 Mths	<150	2
Frank st Bridge (coast Guard)		SO60-00015V	Drum	on bridge			✓	75	6mths	<150	2
Currumbin Mitchell ave in park		S002-00001V	Drum	air/valve			✓	150	6 Mths	<150	2
Laguna st Palm Beach Next to creek		S006-00009V	Drum	creek			✓	75	6 Mths	<150	2
Rio Vista Blvd Bridge Hooker blvd end		S028-00019V	Drum	under bridge			✓	75	6Mths	<150	2
Helensvale road Bridge North		S090-00010V	Drum	on bridge			✓	75	6mths	<150	2
Helensvale road Bridge South		SO89-00023V	Drum	on bridge			✓	75	6mths	<150	2
Emerald Crt Carrara		SO35-00738M	Drum	In park area			✓	75	6mths	<150	2
OX02, Entertainment Road Oxenford 1		SO91-00727	Drums	Near walkway			✓	75	12 mths	<150	1
OX02, Entertainment Road Oxenford 2		SO91-00727	Drums	Near walkway			✓	250	12 mths	150-500	1
C24 Ottellia Elanora		S005-C24	BIO	p/station		✓		10m3	12 mths	1500-3000	1
CO14 Coomera waters		S110-CO14	BIO	At station		✓		10m3	12 mths	1500-3000	1
Benowa A102 Race course Drive, Benowa		SO56-A102	BIO	At station	✓	✓	✓	20m3	12 Mths	1500-3000	1

OX33 Vac station John Dalley Dr., Helensvale		S089-OX33	BIO	Beside station		✓		15m3	12 mths	1500-3000	1
OX20 Vac station Pendraat Pde, Helensvale		SO90-OX20	BIO	Beside station		✓		15m3	12 mths	1500-3000	1
CO13 Vac station		S111-CO13	BIO	Beside station		✓		20m3	12 mths	1500-3000	1
OX01, Careel Close Helensvale		S086-OX1	Fixed	Down driveway			✓	750	6 mths	500-1500	2
PA1, Reserve Road Upper Coomera		S111-PA1	Fixed	Grass area			✓	500	6 mths	500-1500	2
OX38, Hope Island Road 1		S092-OX38	Fixed	Before train line			✓	900	6 Mths	500-1500	2
OX38, Hope Island Road 2		S092-OX38	Fixed	Before train line			✓	900	6 Mths	500-1500	2
OX39, Ridgvale Road 1		S086-OX39	Fixed	Through park			✓	900	6 Mths	500-1500	2
OX39, Ridgvale Road 2		S086-OX39	Fixed	Through park			✓	900	6 Mths	500-1500	2
OD1, Odour Unit, Montereys Keys Road 1		S089-OD1	Fixed	Boat ramp			✓	900	6 Mths	500-1500	2
OD1, Odour Unit, Montereys Keys Road 2		S089-OD1	Fixed	Boat ramp			✓	900	6 Mths	500-1500	2
OD1, Odour Unit, Montereys Keys Road 3		S089-OD1	Fixed	Boat ramp		✓		900	12 Mths	500-1500	1
OX09, Hope Island Road 1		S090-OX9	Fixed	L/hand Side		✓		12m3	12 Mths	1500-3000	1
OX09, Hope Island Road 2		S090-OX9	Fixed	L/hand Side		✓		12m3	12 Mths	1500-3000	1
B47, Lemana Lane		S016-B47	Fixed	Inside station			✓	540	12 mths Dec	500-1500	1
B49, West Burleigh Road 1		S011-B49	Fixed	Next to shops			✓	900	12 mths/Nov	500-1500	1
B49, West Burleigh Road 2		S011-B49	Fixed	Next to shops			✓	900	12 mths/Nov	500-1500	1
SP68 Markeri Street Robina		S030-SP68	Fixed	CNR Burmuda			✓	900	12 Mths	500-1500	1
W1 Nielsons Rpad Cricket Club		S035 -W1	Fixed	Cricket club			✓	900	6 mths	500-1500	2
Co1 Sanctuary Cove		SO90-CO1	BIO	clubhouse	✓	✓	✓	375	12 Mths	150-500	1
SS2, Silvabank Drive, Stephens		S015-SS2	Drum	At station	✓	✓	✓	375	12 mths	150-500	1
A78 Karloo Street Surfers Paradise		S058-A78	Drum	Chevron behind shops			✓	750	6mths	150-500	2
BE35 Yatala Pies		SO94-BE35	Drum	opp pie shop			✓	500	3 mths	150-500	4
OX45, Kopps Road		S092-OX45	Fixed	Roundabout			✓	500	6 mths	150-500	2
OX09, Hope Island Road 3		S090-OX9	Fixed	L/hand Side			✓	500	3 Mths	150-500	4
SP26, Cnr Hooker and Sunshine		S029-SP26	Fixed	Library			✓	500	6 mths	150-500	2
B9, 19th Avenue		S005-B9	Fixed	Roundabout			✓	500	6 mths/Sep	150-500	2
SS2, Silvabank Drive, Stephens		S015-SS2	Fixed	At station	✓	✓	✓	500	12 mths	150-500	1
W49, Angelia Lane Merrimac		S020-W49	Fixed	In park area	✓	✓	✓	375	12 mths	150-500	1
UC8, Michigan Road, Oxenford		S092-UC8	Fixed	L/hand side	✓	✓	✓	375	6 mths	150-500	2
D9 Brisbane Road Labrador		S068-D9	Fixed	opp shopping centre	✓	✓	✓	375	12 mths	150-500	1
DA6 Ormeau Baseball		S094-DA6	Fixed	next to pub			✓	500	6 Mths	150-500	2
W53 Webber crt Gilston		S108-W53	Fixed	At station			✓	250	6 Mths	150-500	1
Business Street, Yatala			Drum	Cnr Access Ave			✓	300	6 Mths	150-500	2
Brewery, Elderslie Rd, Yatala			Drum	Out front of cat			✓	75	6 Mths	<150	2
Admiralty Dr, Surfers Paradise			Drum	In park area			✓	75	6 Mths	<150	2
Stapylton Rd, Yatala			Drum	Cnr Hillside Dr			✓	75	6 Mths	<150	2
Christine Ave, Burleigh unit 1			Fixed	Cnr Spoonbill			✓	750	6 Mths	150-500	2
Christine Ave, Burleigh unit 2			Fixed	Opp 99			✓	500	6 Mths	150-500	2
SS27, Chatswood, Court, Robina	S-ME-SPUMP-SS27	S026-SS27		Next to No.11			✓	75	3 mths	<150	



# **ATTACHMENT C**

## **ODOUR UNIT LOCATION MAPS**





#### Legend

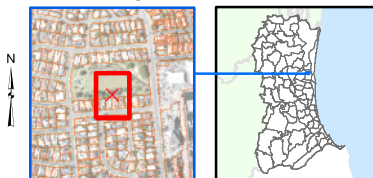
-  Odour Mitigation Units
-  GIS\_DATA.ADM\_BND\_CADASTRE

D25 Anemone Street Runaway Bay 1

10 0 20 Metres

Odour Mitigation Units - Page 1 of 109

#### LOCALITY MAP



Produced By: Spatial Services

Production Date: 06 Jul 2016

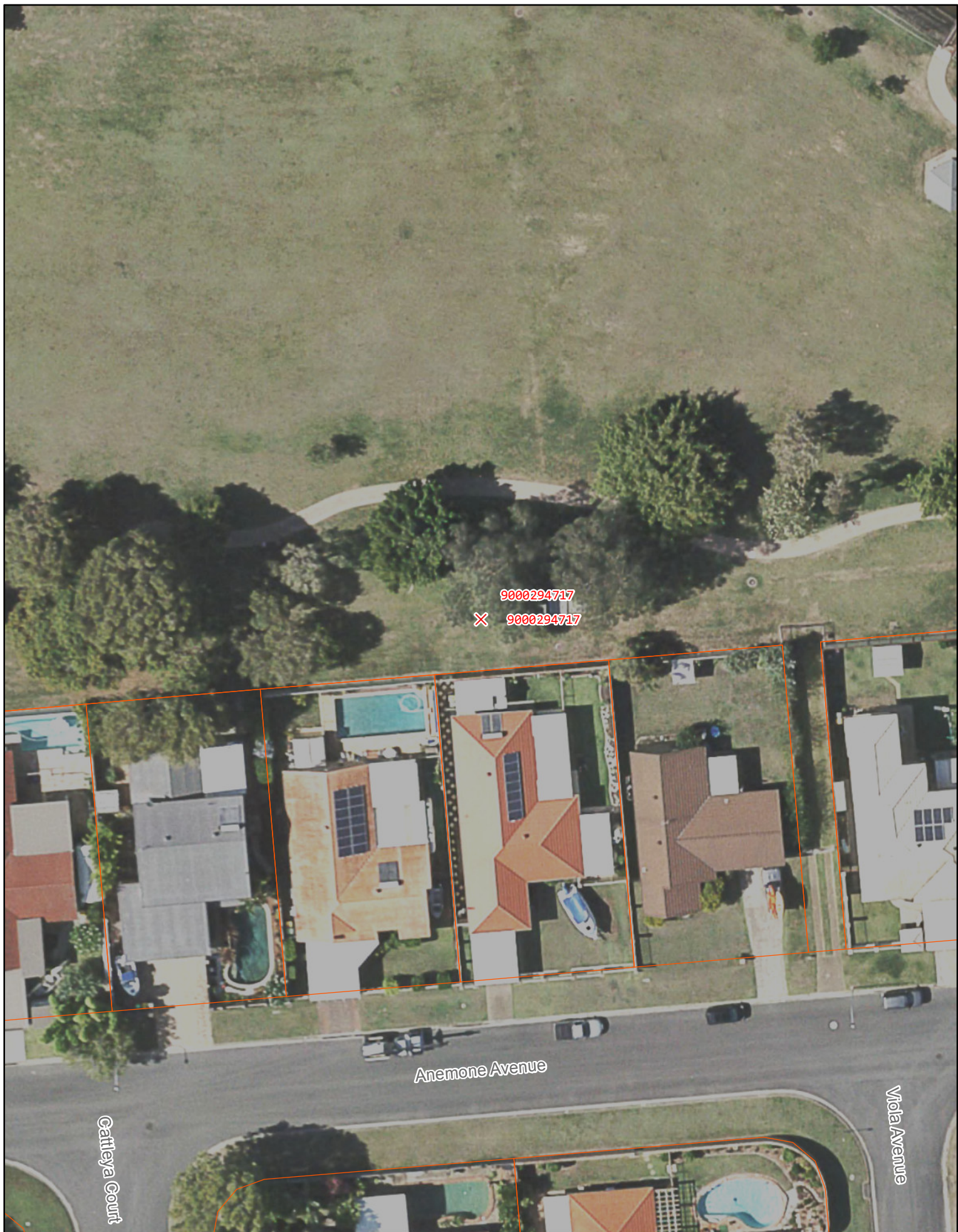
Service Call: TASK0012970

Version:



Projection: MGA94 Zone 56

CITY OF  
**GOLD COAST**





#### Legend

-  Odour Mitigation Units
-  GIS\_DATA.ADM\_BND\_CADASTRE

D25 Anemone Street Runaway Bay 2

10 0 20 Metres

Odour Mitigation Units - Page 2 of 109

#### LOCALITY MAP



Produced By: Spatial Services

Production Date: 06 Jul 2016

Service Call: TASK0012970

Version:



Projection: MGA94 Zone 56

CITY OF  
**GOLD COAST**





#### Legend

-  Odour Mitigation Units
-  GIS\_DATA.ADM\_BND\_CADASTRE

A71 Glenmore Drive Ashmore 1

10 0 20 Metres

Odour Mitigation Units - Page 3 of 109

#### LOCALITY MAP



Produced By: Spatial Services

Production Date: 06 Jul 2016

Service Call: TASK0012970

Version:

Projection: MGA94 Zone 56

CITY OF  
**GOLD COAST**





#### Legend

- X Odour Mitigation Units
- GIS\_DATA.ADM\_BND\_CADASTRE

A71 Glenmore Drive Ashmore 2

10 0 20 Metres

**Odour Mitigation Units - Page 4 of 109**

#### LOCALITY MAP



Produced By: Spatial Services

Production Date: 06 Jul 2016

Service Call: TASK0012970

Version:

Projection: MGA94 Zone 56

CITY OF  
**GOLD COAST**





- Legend**
- ✗ Odour Mitigation Units
  - GIS\_DATA.ADM\_BND\_CADASTRE

Air Valve, Bridge Heathwood Drive

0 10 20 Metres

**Odour Mitigation Units - Page 5 of 109**

**LOCALITY MAP**



Produced By:	Spatial Services
Production Date:	06 Jul 2016
Service Call:	TASK0012970
Version:	
Projection:	MGA94 Zone 56
CITY OF GOLDCOAST	





#### Legend

- X Odour Mitigation Units
- GIS\_DATA.ADM\_BND\_CADASTRE

Air Valve, Reserve Road

10 0 20 Metres

Odour Mitigation Units - Page 6 of 109

#### LOCALITY MAP



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Production Date:	06 Jul 2016
Service Call:	TASK0012970
Version:	
Projection:	MGA94 Zone 56
CITY OF <b>GOLD COAST</b>	





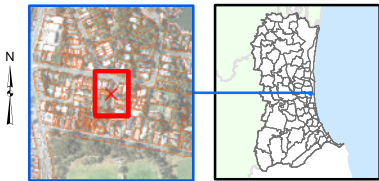
- Legend**
- ✗ Odour Mitigation Units
  - GIS\_DATA.ADM\_BND\_CADASTRE

Air Valve, Greer, outside No 10

0 10 20 Metres

**Odour Mitigation Units - Page 7 of 109**

**LOCALITY MAP**



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Production Date:	06 Jul 2016
Service Call:	TASK0012970
Version:	
Projection:	MGA94 Zone 56
CITY OF <b>GOLD COAST</b>	





- Legend**
- ✗ Odour Mitigation Units
  - GIS\_DATA.ADM\_BND\_CADASTRE

Air Valve, Grevillia, outside No 16



Odour Mitigation Units - Page 8 of 109

**LOCALITY MAP**



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Service Call:	TASK0012970
Version:	
Projection:	MGA94 Zone 56

CITY OF  
**GOLD COAST**





- Legend**
- ✗ Odour Mitigation Units
  - GIS\_DATA.ADM\_BND\_CADASTRE

Air Valve, Salerno Street Bridge



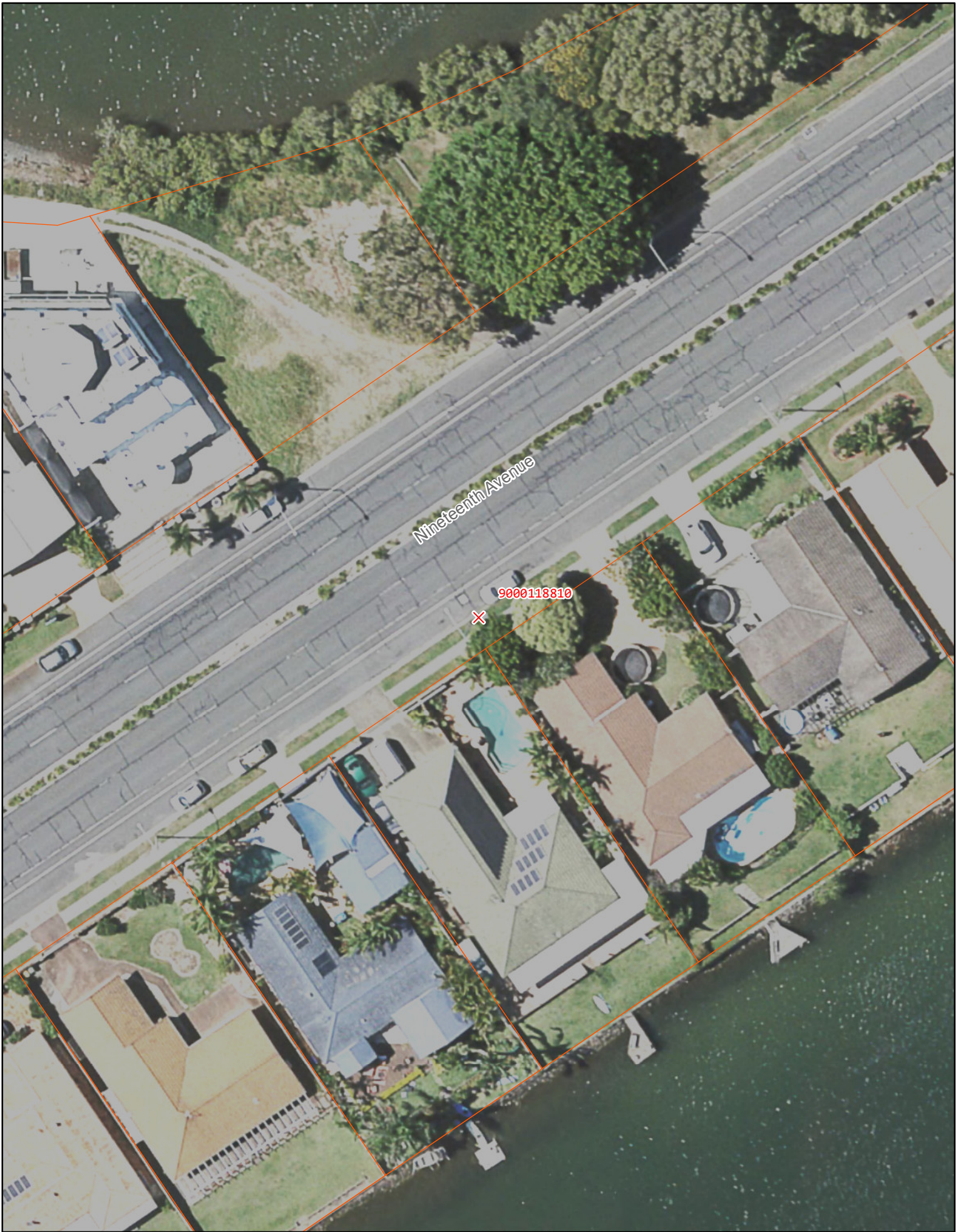
Odour Mitigation Units - Page 9 of 109

**LOCALITY MAP**



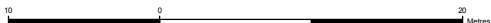
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Version:	
Projection:	MGA94 Zone 56
CITY OF GOLDCOAST	





- Legend**
- Odour Mitigation Units
  - GIS\_DATA.ADM\_BND\_CADASTRE

19th Ave, Palm Beach - No 181



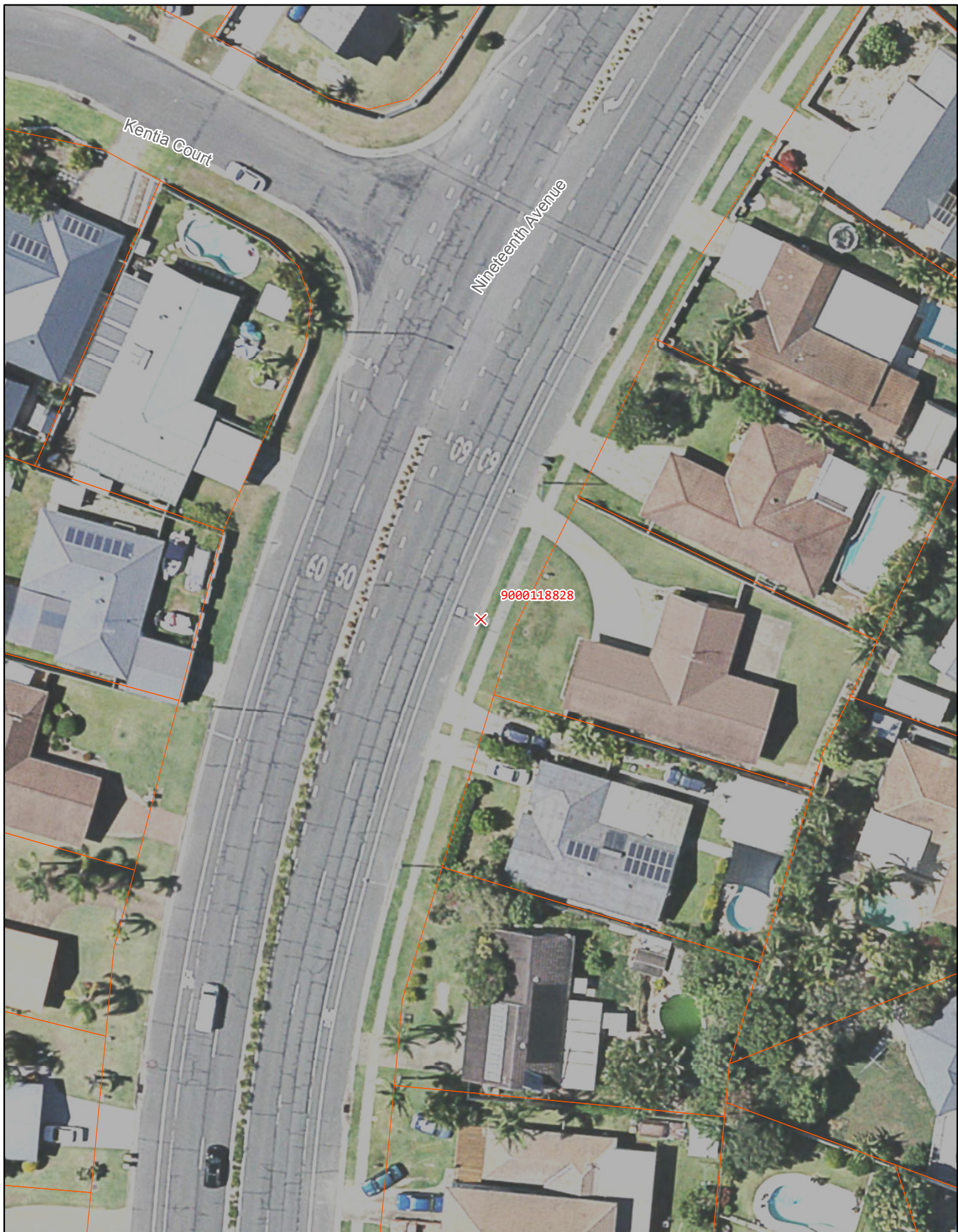
Odour Mitigation Units - Page 10 of 109

**LOCALITY MAP**





Produced By:	Spatial Services
Production Date:	06 Jul 2016
Service Call:	TASK0012970
Version:	
Projection:	MGA94 Zone 56
CITY OF <b>GOLD COAST</b>	





#### Legend

-  Odour Mitigation Units
-  GIS\_DATA.ADM\_BND\_CADASTRE

19th Ave, Palm Beach - No 213

10 0 20 Metres

Odour Mitigation Units - Page 11 of 109

#### LOCALITY MAP



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Production Date: 06 Jul 2016

Service Call: TASK0012970

Version:



Projection: MGA94 Zone 56

CITY OF  
**GOLD COAST**





**Legend**

-  Odour Mitigation Units
-  GIS\_DATA.ADM\_BND\_CADASTRE

19th Ave, Palm Beach - No 236

10 0 20 Metres

**Odour Mitigation Units - Page 12 of 109**

**LOCALITY MAP**



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Production Date: 06 Jul 2016

Service Call: TASK0012970

Version:



Projection: MGA94 Zone 56

CITY OF  
**GOLDCOAST**





**Legend**

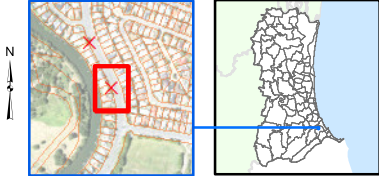
-  Odour Mitigation Units
-  GIS\_DATA.ADM\_BND\_CADASTRE

19th Ave, Palm Beach - No 244



Odour Mitigation Units - Page 13 of 109

**LOCALITY MAP**





Produced By:	Spatial Services
Production Date:	06 Jul 2016
Service Call:	TASK0012970
Version:	
Projection:	MGA94 Zone 56
CITY OF GOLD COAST	





**Legend**

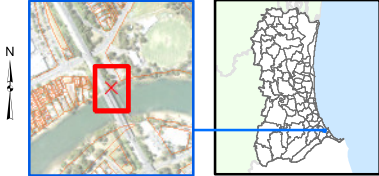
-  Odour Mitigation Units
-  GIS\_DATA.ADM\_BND\_CADASTRE

Guineas Creek Road, Palm Beach - RSL

10 0 20 Metres

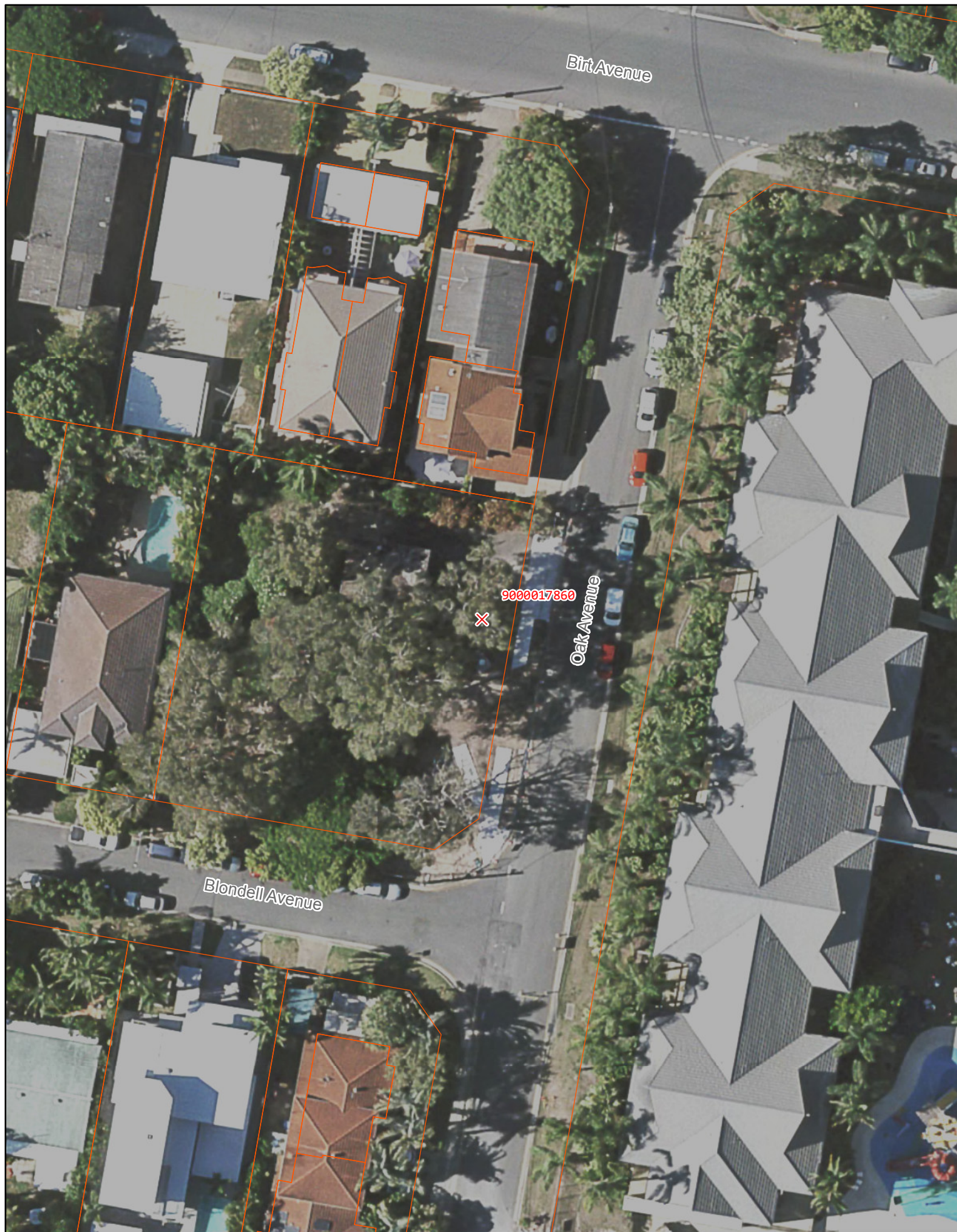
Odour Mitigation Units - Page 14 of 109

**LOCALITY MAP**





Produced By:	Spatial Services
Production Date:	06 Jul 2016
Service Call:	TASK0012970
Version:	
Projection:	MGA94 Zone 56
CITY OF <b>GOLD COAST</b>	





#### Legend

-  Odour Mitigation Units
-  GIS\_DATA.ADM\_BND\_CADASTRE

Oak Avenue, Surfers Paradise

10 0 20 Metres

Odour Mitigation Units - Page 15 of 109

#### LOCALITY MAP



Produced By: Spatial Services

Production Date: 06 Jul 2016

Service Call: TASK0012970

Version:

Projection: MGA94 Zone 56

CITY OF  
**GOLD COAST**





- Legend**
- ✗ Odour Mitigation Units
  - GIS\_DATA.ADM\_BND\_CADASTRE

Lupus Street, Southport School



Odour Mitigation Units - Page 16 of 109

**LOCALITY MAP**





Produced By:	Spatial Services
Production Date:	06 Jul 2016
Service Call:	TASK0012970
Version:	
Projection:	MGA94 Zone 56
CITY OF GOLD COAST	





#### Legend

-  Odour Mitigation Units
-  GIS\_DATA.ADM\_BND\_CADASTRE

121 Falconer Street, Southport 1

10 0 20 Metres

Odour Mitigation Units - Page 17 of 109

#### LOCALITY MAP



Produced By: Spatial Services

Production Date: 06 Jul 2016

Service Call: TASK0012970

Version:

Projection: MGA94 Zone 56

CITY OF  
**GOLD COAST**





#### Legend

- X Odour Mitigation Units
- GIS\_DATA.ADM\_BND\_CADASTRE

121 Falconer Street, Southport 2

10 0 20 Metres

Odour Mitigation Units - Page 18 of 109

#### LOCALITY MAP



Produced By: Spatial Services

Production Date: 06 Jul 2016

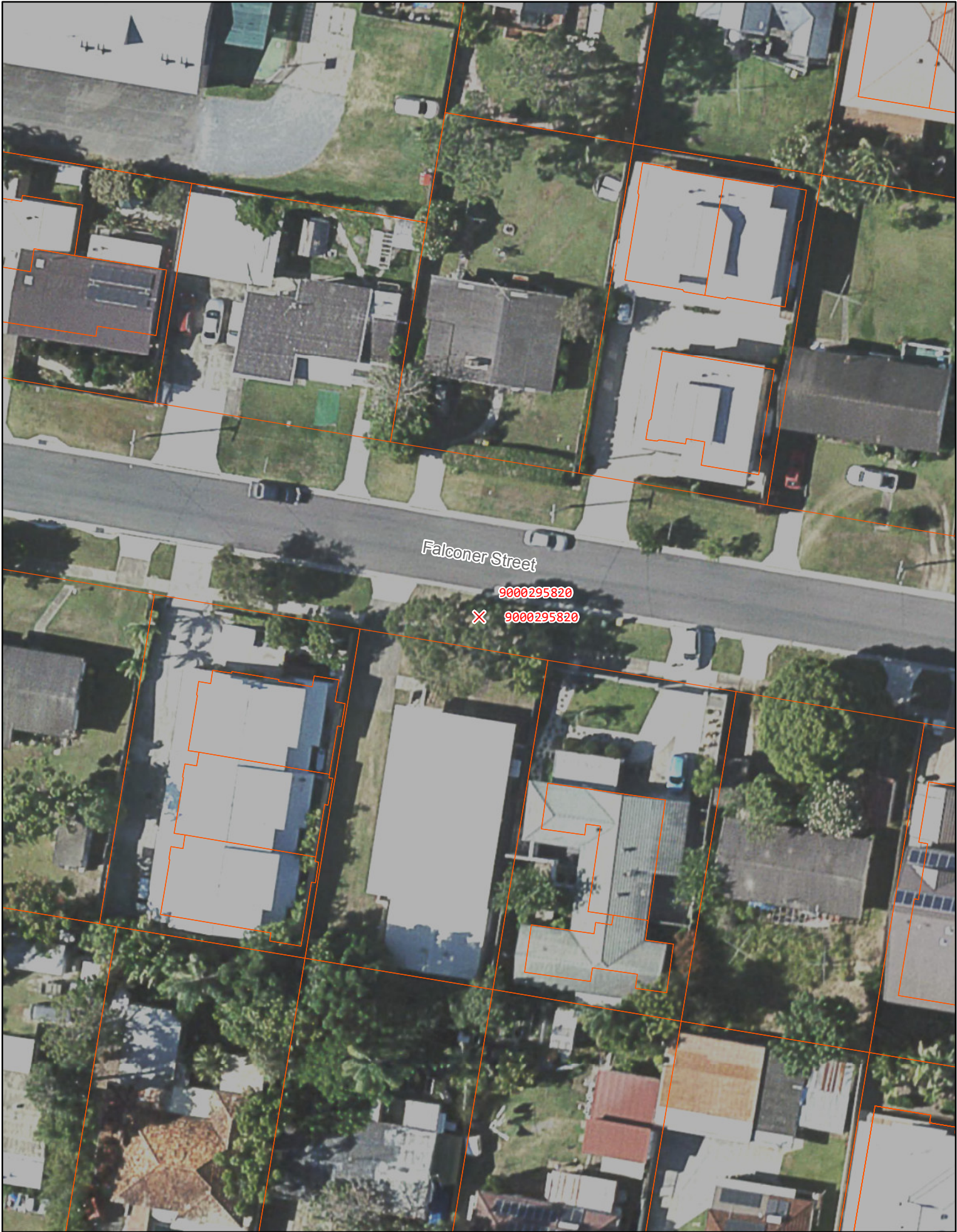
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Projection: MGA94 Zone 56

CITY OF  
**GOLD COAST**





**Legend**

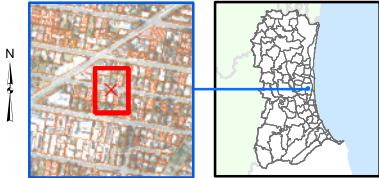
-  Odour Mitigation Units
-  GIS\_DATA.ADM\_BND\_CADASTRE

81 Falconer Street, Southport 1



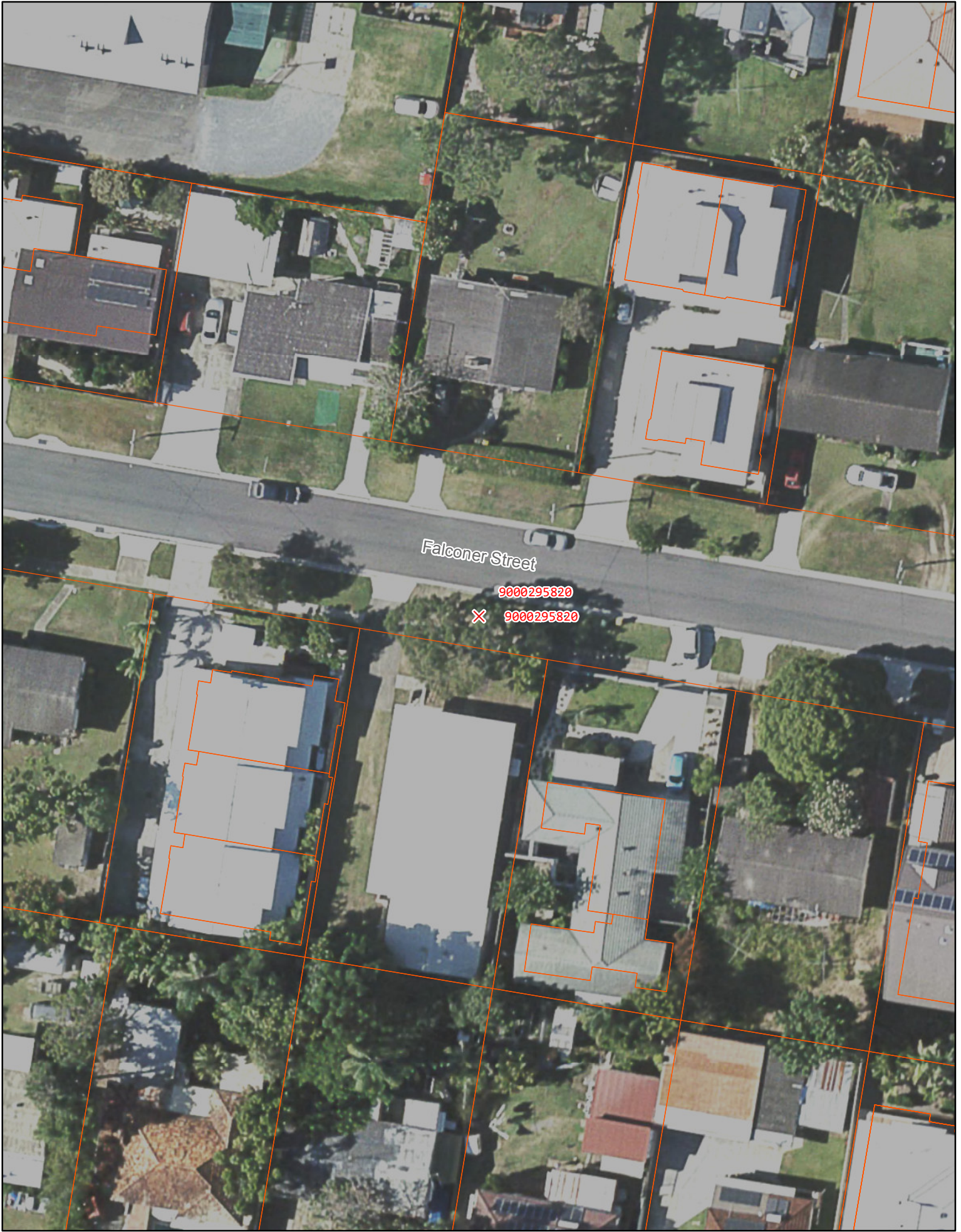
Odour Mitigation Units - Page 19 of 109

**LOCALITY MAP**





Produced By:	Spatial Services
Production Date:	06 Jul 2016
Service Call:	TASK0012970
Version:	
Projection:	MGA94 Zone 56
CITY OF <b>GOLD COAST</b>	





**Legend**

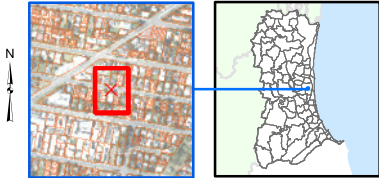
-  Odour Mitigation Units
-  GIS\_DATA.ADM\_BND\_CADASTRE

81 Falconer Street, Southport 2

10 0 20 Metres

Odour Mitigation Units - Page 20 of 109

**LOCALITY MAP**





Produced By:	Spatial Services
Production Date:	06 Jul 2016
Service Call:	TASK0012970
Version:	
Projection:	MGA94 Zone 56
CITY OF GOLDCOAST	





#### Legend

-  Odour Mitigation Units
-  GIS\_DATA.ADM\_BND\_CADASTRE

19 Ottellia Drive, Elanora

0 10 20 Metres

Odour Mitigation Units - Page 21 of 109

#### LOCALITY MAP



Produced By: Spatial Services

Production Date: 06 Jul 2016

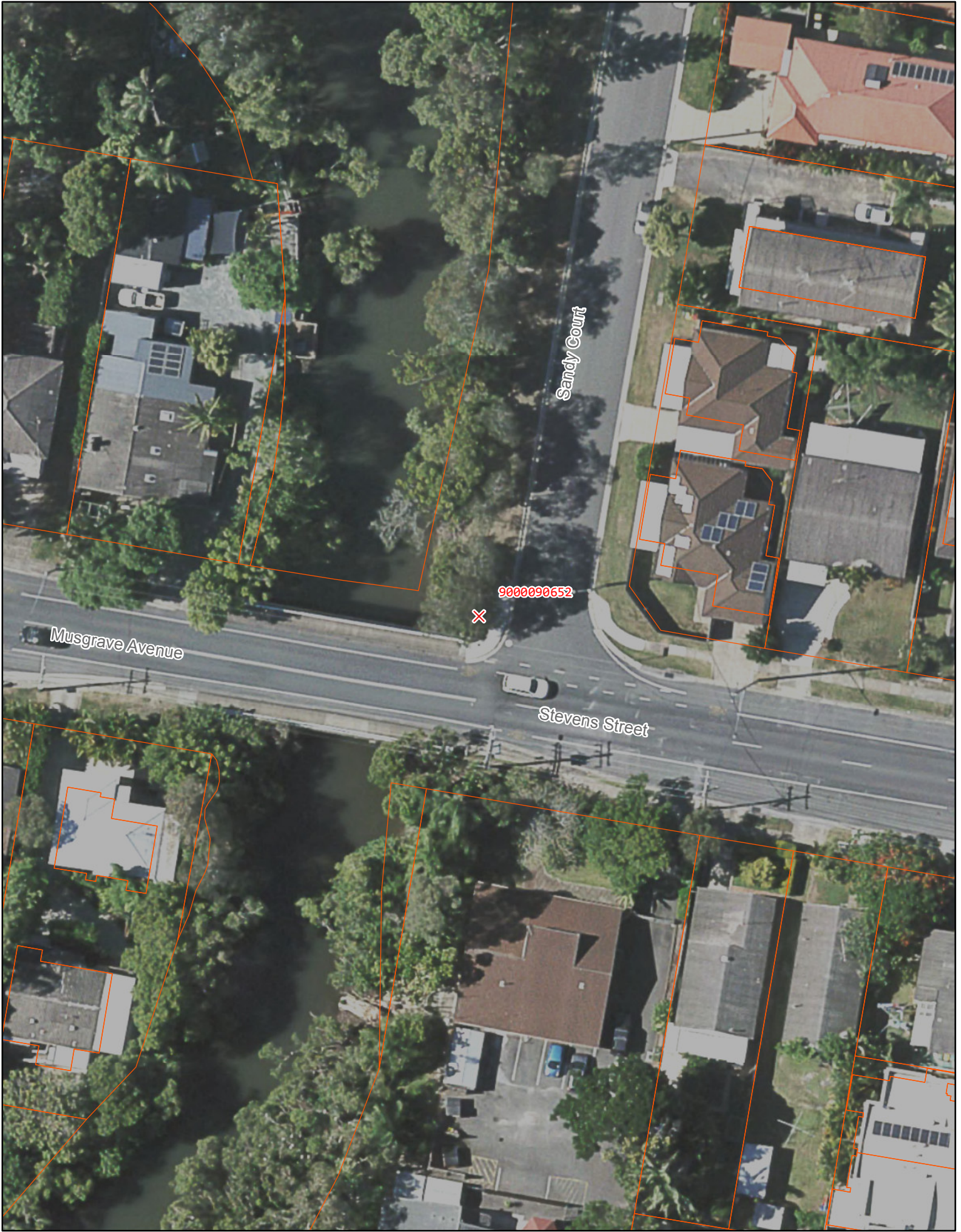
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Version:

Projection: MGA94 Zone 56

CITY OF  
**GOLD COAST**





- Legend**
- Odour Mitigation Units
  - GIS\_DATA.ADM\_BND\_CADASTRE

Sandy Court, Lab Air valve on bridge

0 10 20 Metres

Odour Mitigation Units - Page 22 of 109

**LOCALITY MAP**



Produced By:	Spatial Services
Production Date:	06 Jul 2016
Service Call:	TASK0012970
Version:	
Projection:	MGA94 Zone 56
CITY OF <b>GOLD COAST</b>	





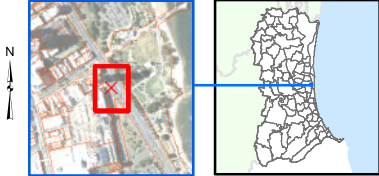
- Legend**
- Odour Mitigation Units
  - GIS\_DATA.ADM\_BND\_CADASTRE

2 Marine Parade, Southport

0 10 20 Metres

Odour Mitigation Units - Page 23 of 109

**LOCALITY MAP**



Produced By: Spatial Services

Production Date: 06 Jul 2016

Service Call: TASK0012970

Version:

Projection: MGA94 Zone 56

CITY OF  
**GOLD COAST**





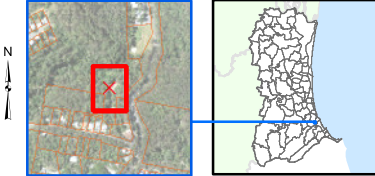
- Legend**
- ✕ Odour Mitigation Units
  - GIS\_DATA.ADM\_BND\_CADASTRE

Skyline Terrace, Burleigh Heads 1



Odour Mitigation Units - Page 24 of 109

**LOCALITY MAP**



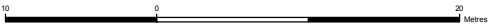
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Production Date:	06 Jul 2016
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CITY OF <b>GOLD COAST</b>	





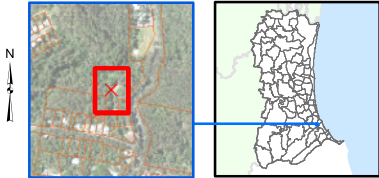
- Legend**
- ✕ Odour Mitigation Units
  - GIS\_DATA.ADM\_BND\_CADASTRE

Skyline Terrace, Burleigh Heads 2



Odour Mitigation Units - Page 25 of 109

**LOCALITY MAP**



Produced By:	Spatial Services
Production Date:	06 Jul 2016
Service Call:	TASK0012970
Version:	
Projection:	MGA94 Zone 56
CITY OF <b>GOLD COAST</b>	





#### Legend

- X Odour Mitigation Units
- GIS\_DATA.ADM\_BND\_CADASTRE

Baekea Drive, Elanora - outside 29

0 10 20 Metres

Odour Mitigation Units - Page 26 of 109

#### LOCALITY MAP



Produced By: Spatial Services

Production Date: 06 Jul 2016

Service Call: TASK0012970

Version:

Projection: MGA94 Zone 56

CITY OF  
**GOLD COAST**





#### Legend

- X Odour Mitigation Units
- GIS\_DATA.ADM\_BND\_CADASTRE

Air Valve Guineas Creek Road Elanora

0 10 20 Metres

Odour Mitigation Units - Page 27 of 109

#### LOCALITY MAP



Produced By: Spatial Services

Production Date: 06 Jul 2016

Service Call: TASK0012970

Version:



Projection: MGA94 Zone 56

CITY OF  
**GOLD COAST**





**Legend**

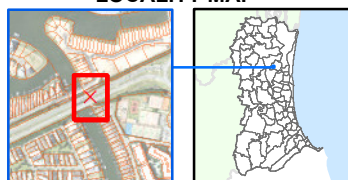
-  Odour Mitigation Units
-  GIS\_DATA.ADM\_BND\_CADASTRE

Air Valve Oxenford Southport Road Hope Island

10 0 20 Metres

Odour Mitigation Units - Page 28 of 109

**LOCALITY MAP**



Produced By: Spatial Services

Production Date: 06 Jul 2016

Service Call: TASK0012970

Version:

Projection: MGA94 Zone 56

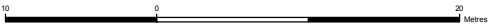
CITY OF  
**GOLD COAST**





- Legend**
- Odour Mitigation Units
  - GIS\_DATA.ADM\_BND\_CADASTRE

Christine Avenue Varsity Lakes



Odour Mitigation Units - Page 29 of 109

**LOCALITY MAP**



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Production Date:	06 Jul 2016
Service Call:	TASK0012970
Version:	
Projection:	MGA94 Zone 56
CITY OF <b>GOLD COAST</b>	





#### Legend

- X Odour Mitigation Units
- GIS\_DATA.ADM\_BND\_CADASTRE

Air Valve Harvest Court Southport

0 10 20 Metres

Odour Mitigation Units - Page 30 of 109

#### LOCALITY MAP



Produced By: Spatial Services

Production Date: 06 Jul 2016

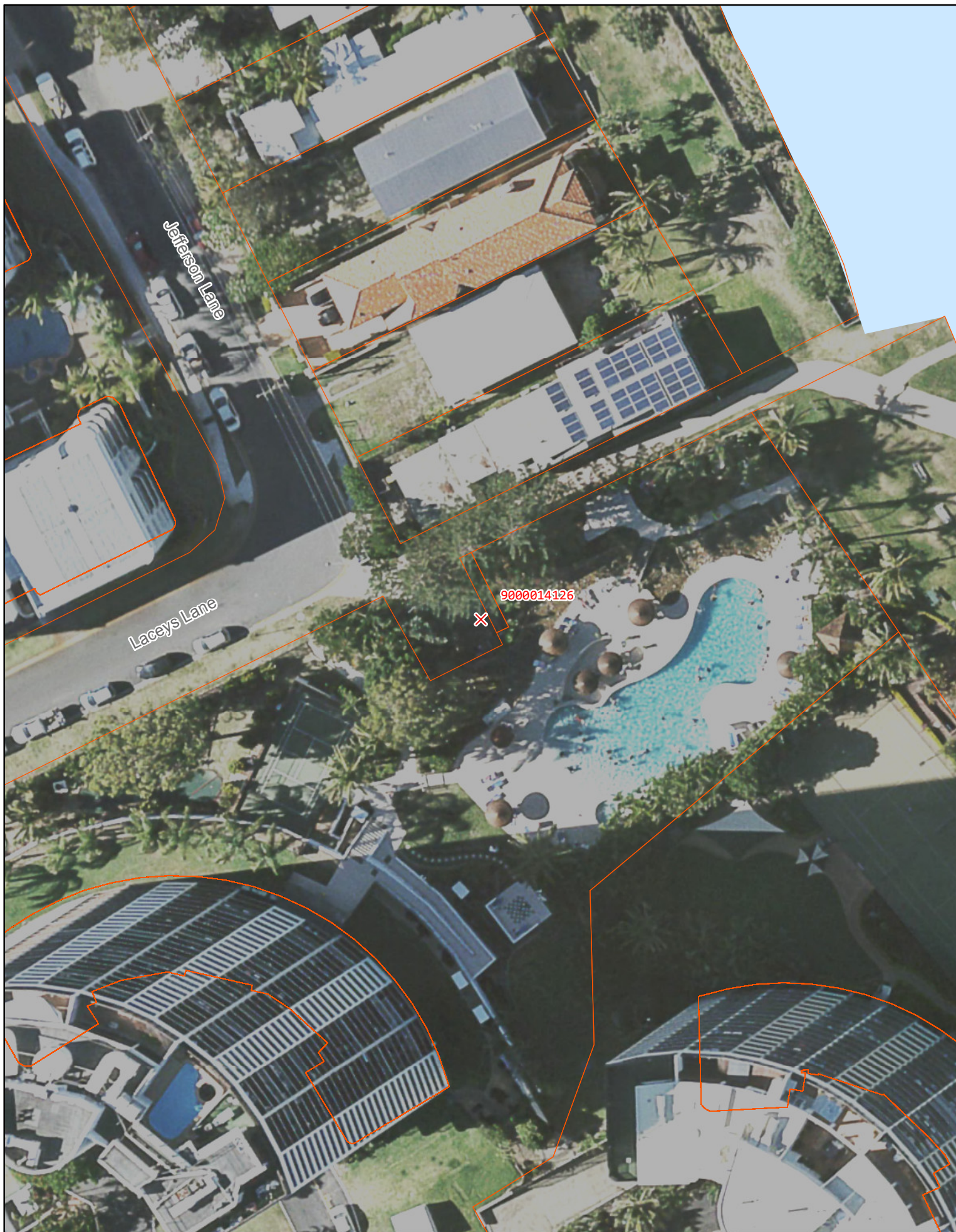
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Version:

Projection: MGA94 Zone 56

CITY OF  
**GOLD COAST**





#### Legend

- X Odour Mitigation Units
- GIS\_DATA.ADM\_BND\_CADASTRE

C28 Laceys Lane Palm Beach

0 10 20 Metres

Odour Mitigation Units - Page 31 of 109

#### LOCALITY MAP



Produced By: Spatial Services

Production Date: 06 Jul 2016

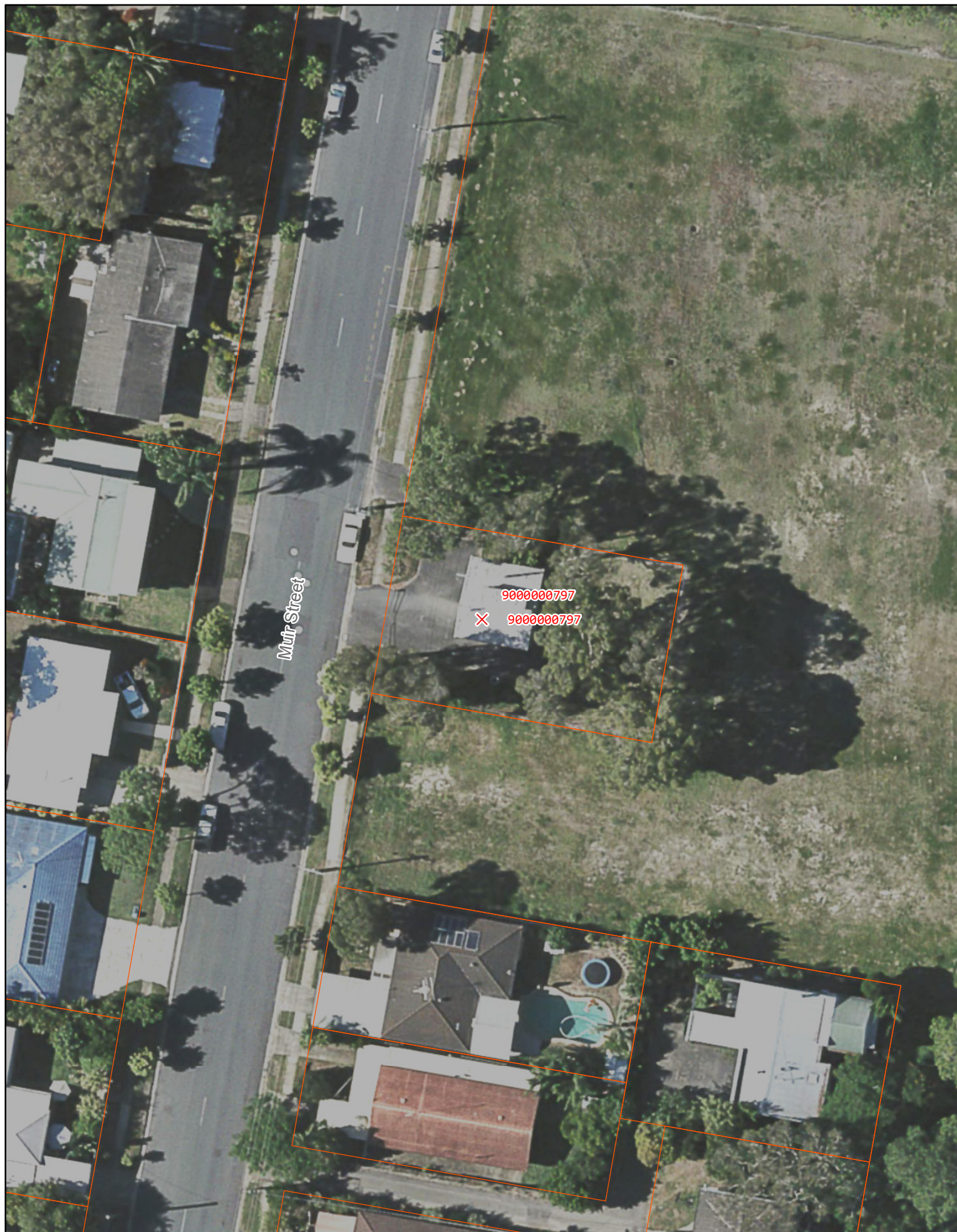
Service Call: TASK0012970

Version:

Projection: MGA94 Zone 56

CITY OF  
**GOLD COAST**





#### Legend

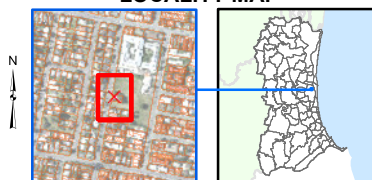
- X Odour Mitigation Units
- GIS\_DATA.ADM\_BND\_CADASTRE

A42 Muir Street Labrador 1

0 10 20 Metres

Odour Mitigation Units - Page 32 of 109

#### LOCALITY MAP



Produced By: Spatial Services

Production Date: 06 Jul 2016

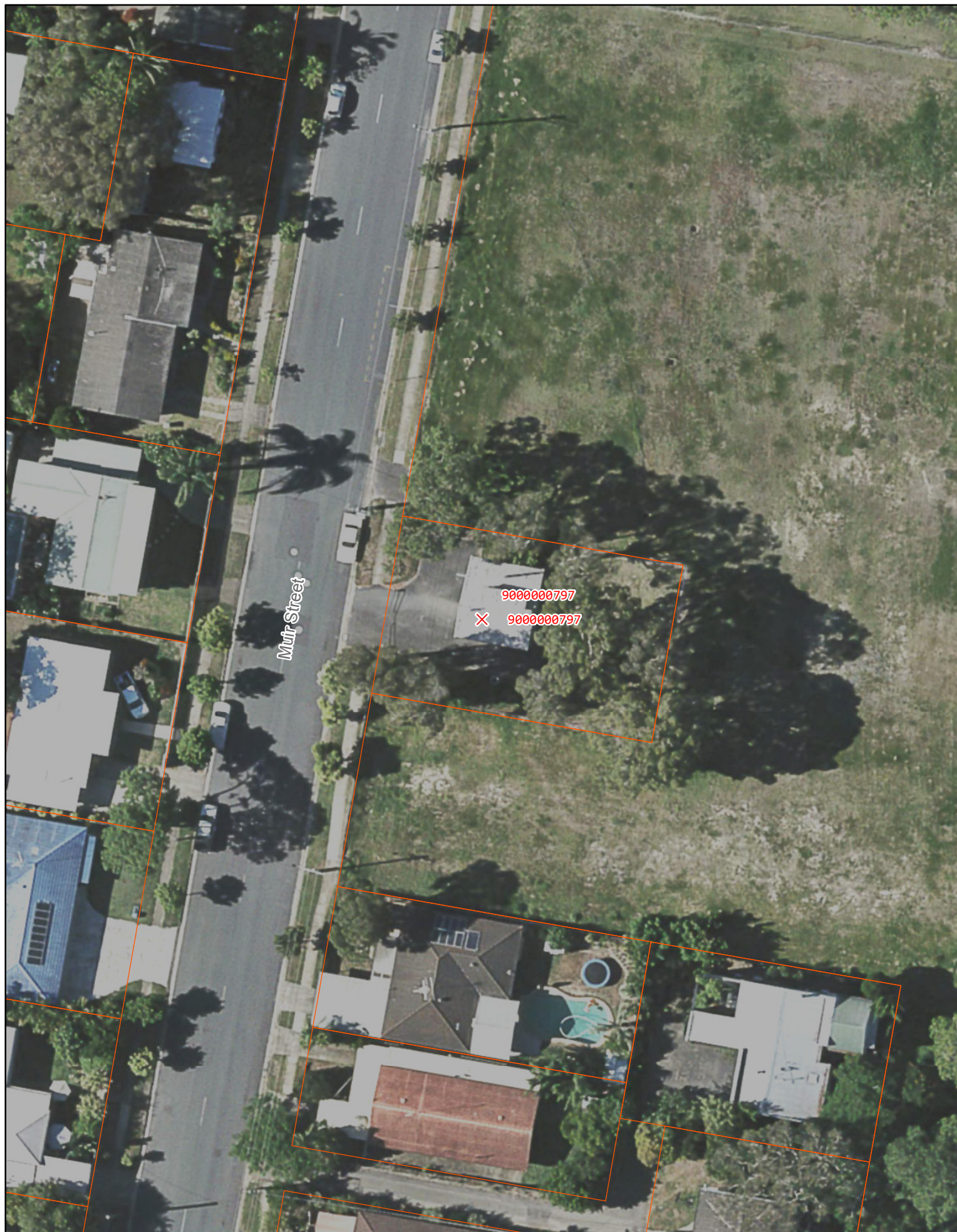
Service Call: TASK0012970

Version:

Projection: MGA94 Zone 56

CITY OF  
**GOLD COAST**





#### Legend

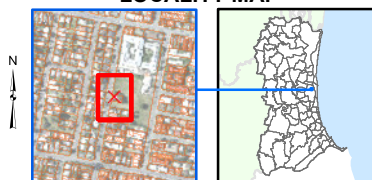
- X Odour Mitigation Units
- GIS\_DATA.ADM\_BND\_CADASTRE

A42 Muir Street Labrador 2

0 10 20 Metres

Odour Mitigation Units - Page 33 of 109

#### LOCALITY MAP



Produced By: Spatial Services

Production Date: 06 Jul 2016

Service Call: TASK0012970

Version:

Projection: MGA94 Zone 56

CITY OF  
**GOLD COAST**





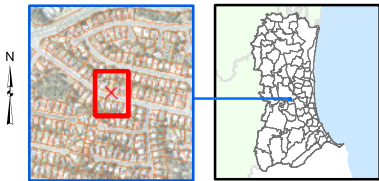
- Legend**
- Odour Mitigation Units
  - GIS\_DATA.ADM\_BND\_CADASTRE

Air Valve 69 Mortensen Road Nerang

0 10 20 Metres

Odour Mitigation Units - Page 34 of 109

**LOCALITY MAP**



Produced By:	Spatial Services
Production Date:	06 Jul 2016
Service Call:	TASK0012970
Version:	
Projection:	MGA94 Zone 56
CITY OF <b>GOLD COAST</b>	





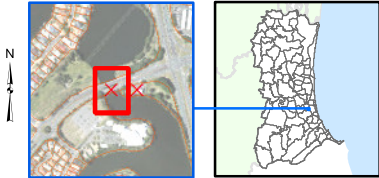
- Legend**
- ✗ Odour Mitigation Units
  - GIS\_DATA.ADM\_BND\_CADASTRE

Air Valve Markeri Street Bridge

0 10 20 Metres

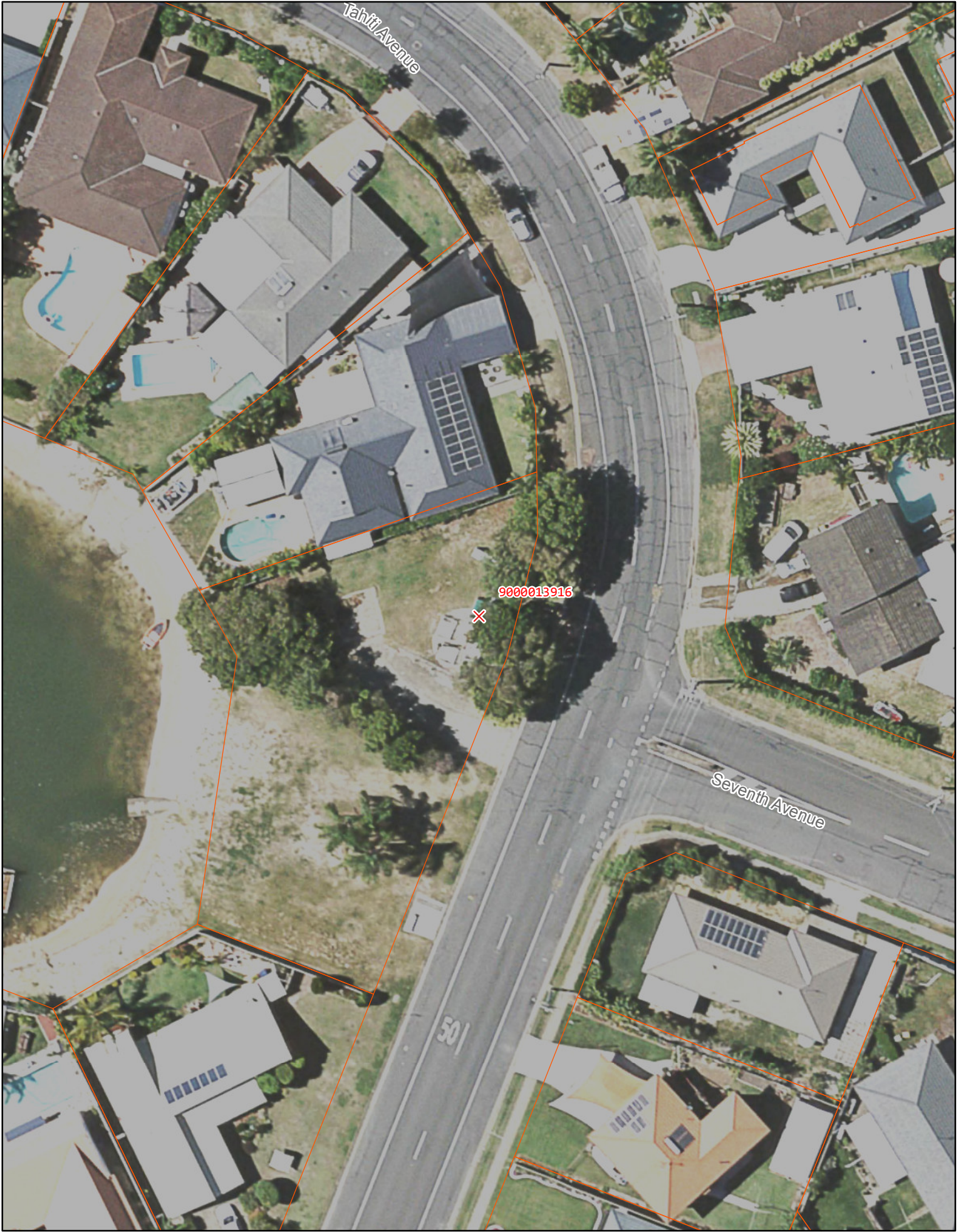
Odour Mitigation Units - Page 35 of 109

LOCALITY MAP



Produced By:	Spatial Services
Production Date:	06 Jul 2016
Service Call:	TASK0012970
Version:	
Projection:	MGA94 Zone 56
CITY OF <b>GOLD COAST</b>	



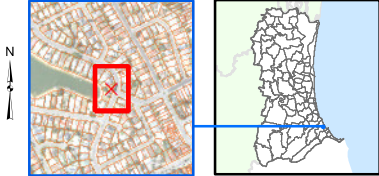


- Legend**
- Odour Mitigation Units
  - GIS\_DATA.ADM\_BND\_CADASTRE

B21 Tahiti Avenue Palm Beach

Odour Mitigation Units - Page 36 of 109

**LOCALITY MAP**





Produced By:	Spatial Services
Production Date:	06 Jul 2016
Service Call:	TASK0012970
Version:	
Projection:	MGA94 Zone 56

CITY OF  
**GOLD COAST**





**Legend**

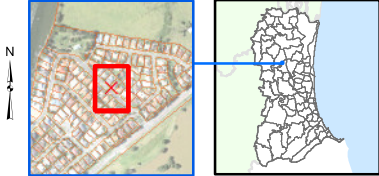
-  Odour Mitigation Units
-  GIS\_DATA.ADM\_BND\_CADASTRE

Greywillow St Oxenford



Odour Mitigation Units - Page 37 of 109

**LOCALITY MAP**



Produced By:	Spatial Services
Production Date:	06 Jul 2016
Service Call:	TASK0012970
Version:	
Projection:	MGA94 Zone 56
CITY OF <b>GOLD COAST</b>	





#### Legend

- X Odour Mitigation Units
- GIS\_DATA.ADM\_BND\_CADASTRE

Allied Drive Labrador

0 10 20 Metres

Odour Mitigation Units - Page 38 of 109

#### LOCALITY MAP



Produced By: Spatial Services

Production Date: 06 Jul 2016

Service Call: TASK0012970

Version:

Projection: MGA94 Zone 56

CITY OF  
**GOLD COAST**





#### Legend

- X Odour Mitigation Units
- GIS\_DATA.ADM\_BND\_CADASTRE

Inala Street Tugun

0 10 20 Metres

Odour Mitigation Units - Page 39 of 109

#### LOCALITY MAP



Produced By: Spatial Services

Production Date: 06 Jul 2016

Service Call: TASK0012970

Version:



Projection: MGA94 Zone 56

CITY OF  
**GOLD COAST**





**Legend**

-  Odour Mitigation Units
-  GIS\_DATA.ADM\_BND\_CADASTRE

19th Ave Bridge

10 0 20 Metres

Odour Mitigation Units - Page 40 of 109

**LOCALITY MAP**



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Production Date:	06 Jul 2016
Service Call:	TASK0012970
Version:	
Projection:	MGA94 Zone 56

CITY OF  
**GOLD COAST**





#### Legend

- X Odour Mitigation Units
- GIS\_DATA.ADM\_BND\_CADASTRE

Quinns Hill Road Stapylton

0 10 20 Metres

Odour Mitigation Units - Page 41 of 109

#### LOCALITY MAP



Produced By: Spatial Services

Production Date: 06 Jul 2016

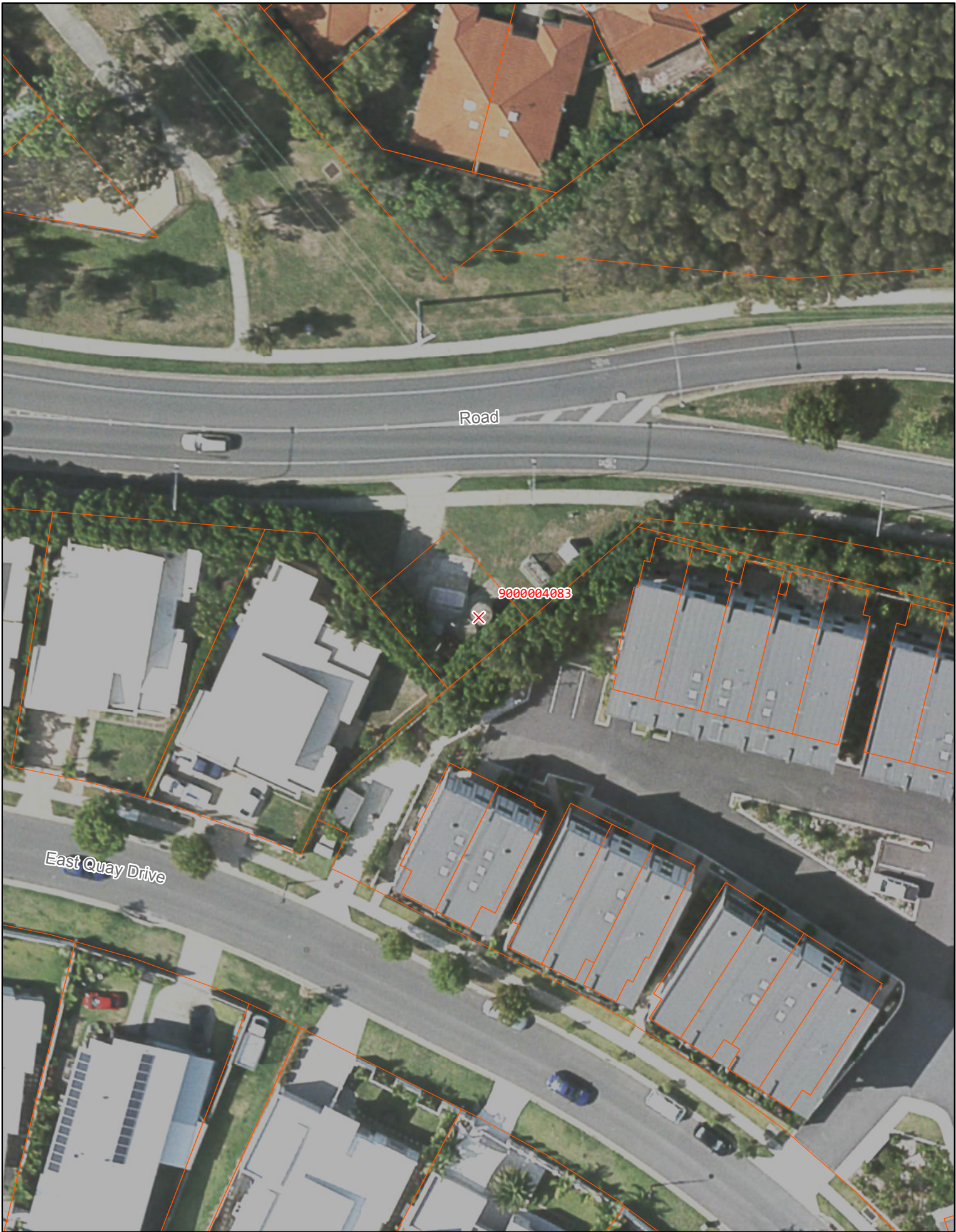
Service Call: TASK0012970

Version:

Projection: MGA94 Zone 56

CITY OF  
**GOLD COAST**





- Legend**
- ✗ Odour Mitigation Units
  - GIS\_DATA.ADM\_BND\_CADASTRE

D45 Coombabah Road



Odour Mitigation Units - Page 42 of 109

**LOCALITY MAP**





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Production Date:	06 Jul 2016
Service Call:	TASK0012970
Version:	
Projection:	MGA94 Zone 56
CITY OF GOLDCOAST	





**Legend**

-  Odour Mitigation Units
-  GIS\_DATA.ADM\_BND\_CADASTRE

D26 Rason Way Coombabah

10 0 20 Metres

Odour Mitigation Units - Page 43 of 109

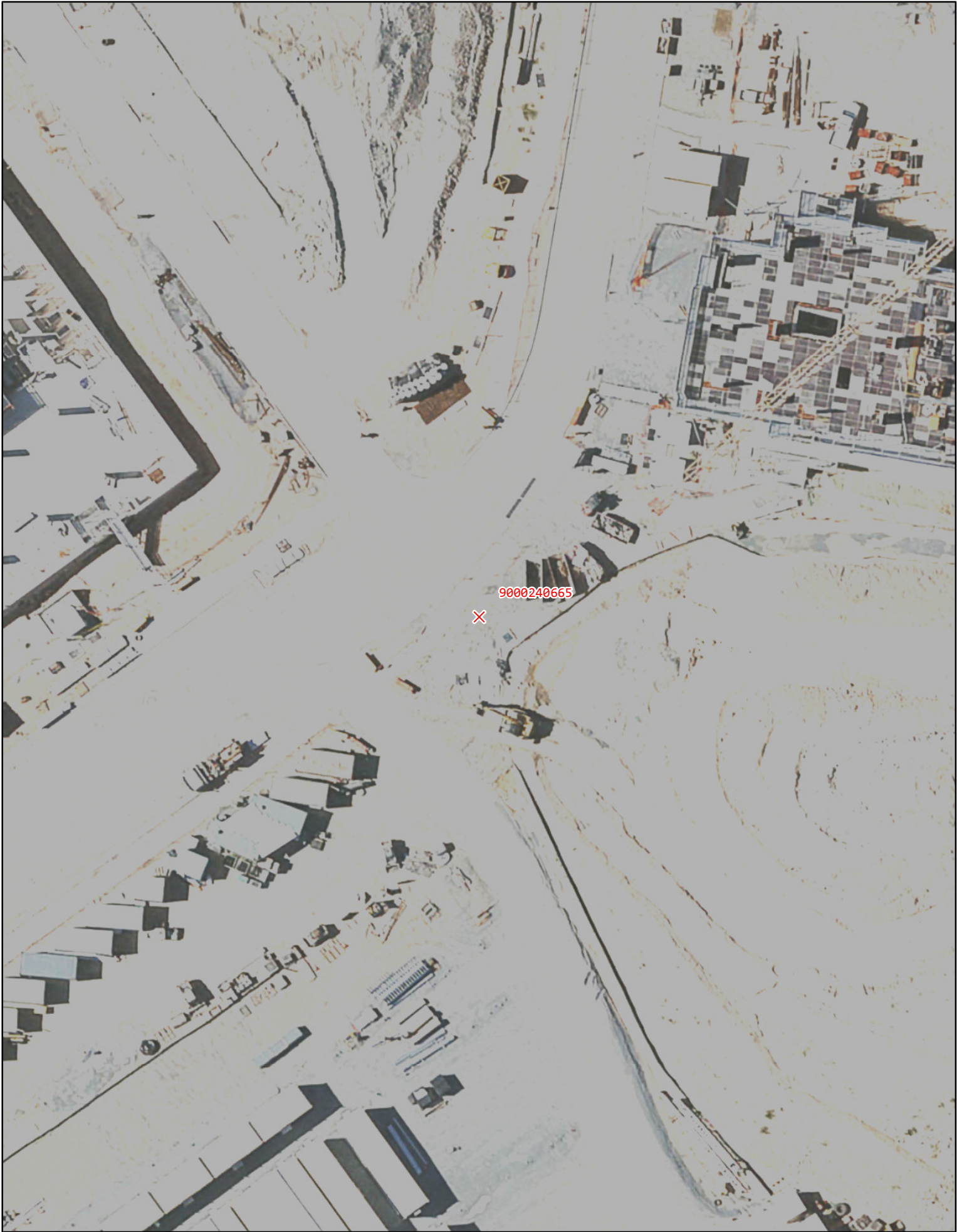
**LOCALITY MAP**



Produced By:	Spatial Services
Production Date:	06 Jul 2016
Service Call:	TASK0012970
Version:	
Projection:	MGA94 Zone 56

CITY OF  
**GOLD COAST**





- Legend**
- Odour Mitigation Units
  - GIS\_DATA.ADM\_BND\_CADASTRE

Parklands Showgrounds



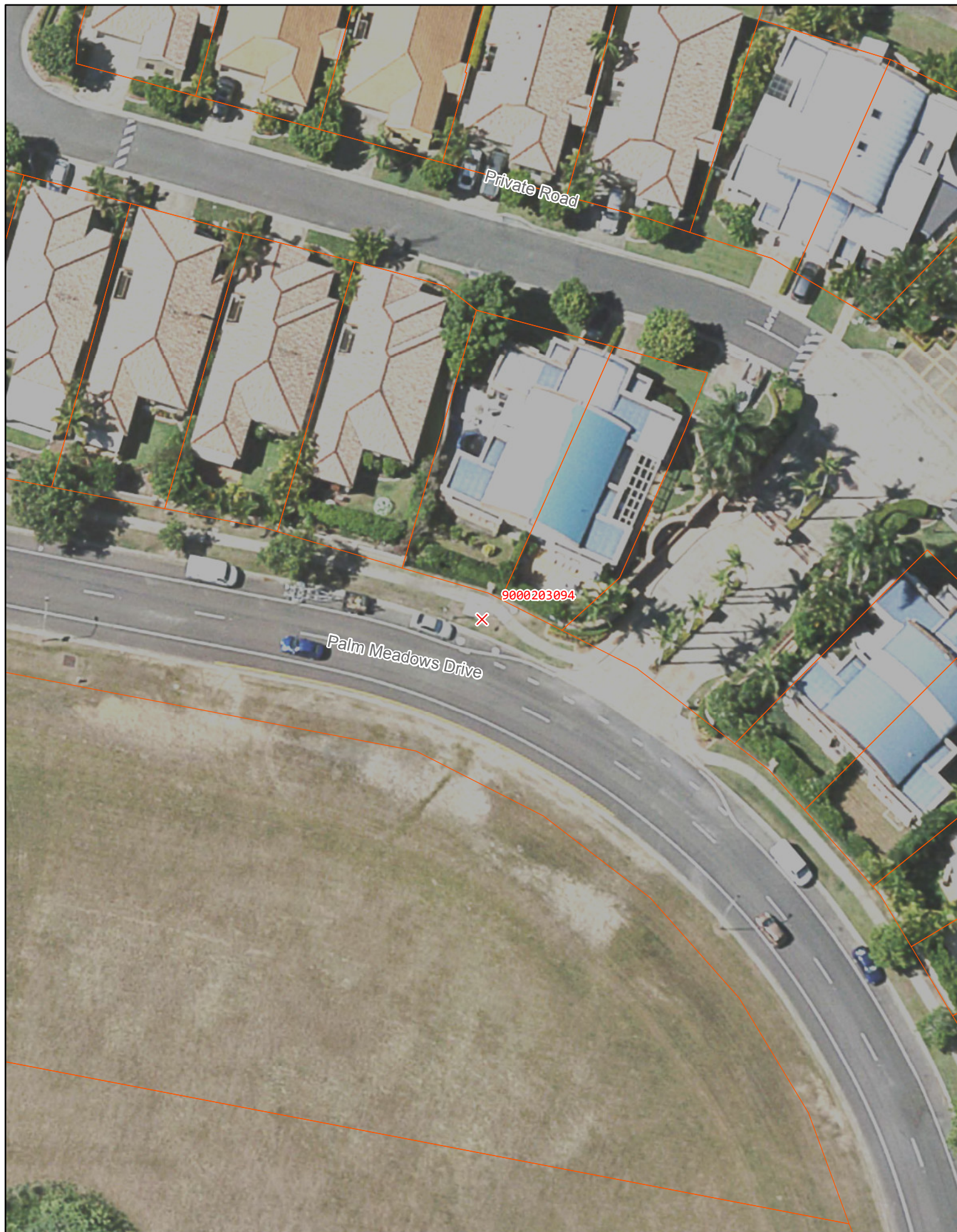
Odour Mitigation Units - Page 44 of 109

**LOCALITY MAP**



Produced By:	Spatial Services
Production Date:	06 Jul 2016
Service Call:	TASK0012970
Version:	
Projection:	MGA94 Zone 56
CITY OF <b>GOLD COAST</b>	





**Legend**

- Odour Mitigation Units
- GIS\_DATA.ADM\_BND\_CADASTRE

117 Palm Meadows Drive

10 0 20 Metres

Odour Mitigation Units - Page 45 of 109

**LOCALITY MAP**



Produced By: Spatial Services

Production Date: 06 Jul 2016

Service Call: TASK0012970

Version:

Projection: MGA94 Zone 56

CITY OF  
**GOLD COAST**





#### Legend

- X Odour Mitigation Units
- GIS\_DATA.ADM\_BND\_CADASTRE

196 Highfield Drive Robina

10 0 20 Metres

Odour Mitigation Units - Page 46 of 109

#### LOCALITY MAP



Produced By: Spatial Services

Production Date: 06 Jul 2016

Service Call: TASK0012970

Version:

Projection: MGA94 Zone 56

CITY OF  
**GOLD COAST**





#### Legend

- X Odour Mitigation Units
- GIS\_DATA.ADM\_BND\_CADASTRE

D6 Forkinder Street Runaway Bay

10 0 20 Metres

Odour Mitigation Units - Page 47 of 109

#### LOCALITY MAP



Produced By: Spatial Services

Production Date: 06 Jul 2016

Service Call: TASK0012970

Version:

Projection: MGA94 Zone 56

CITY OF  
**GOLD COAST**





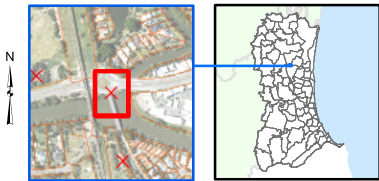
- Legend**
- Odour Mitigation Units
  - GIS\_DATA.ADM\_BND\_CADASTRE

Air Valve Monterey Keys Bridge



Odour Mitigation Units - Page 48 of 109

**LOCALITY MAP**





Produced By:	Spatial Services
Production Date:	06 Jul 2016
Service Call:	TASK0012970
Version:	
Projection:	MGA94 Zone 56
CITY OF <b>GOLD COAST</b>	





**Legend**

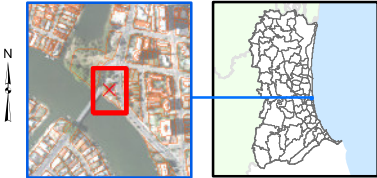
-  Odour Mitigation Units
-  GIS\_DATA.ADM\_BND\_CADASTRE

A5 Isle of Capri



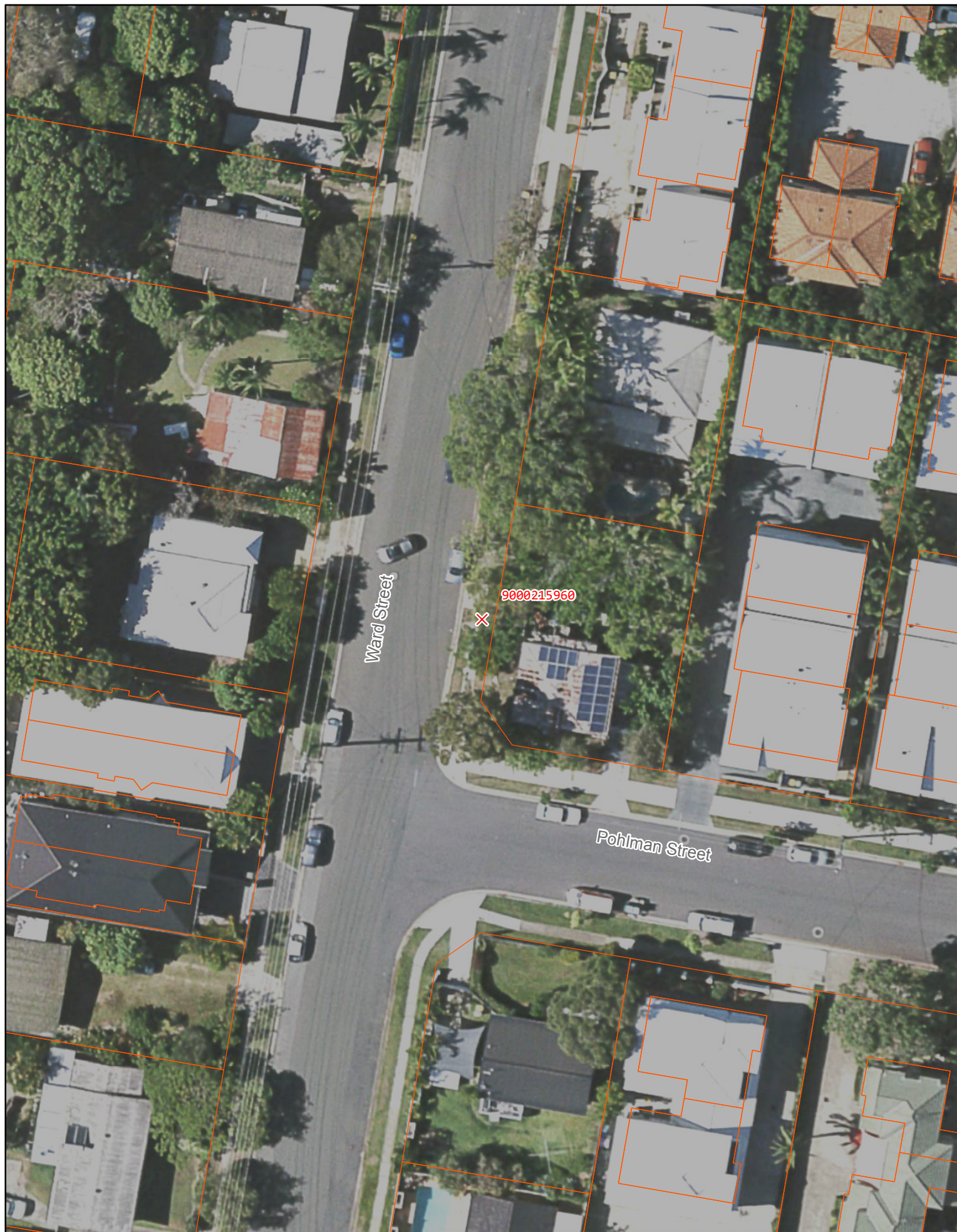
Odour Mitigation Units - Page 49 of 109

**LOCALITY MAP**





Produced By:	Spatial Services
Production Date:	06 Jul 2016
Service Call:	TASK0012970
Version:	
Projection:	MGA94 Zone 56
CITY OF <b>GOLD COAST</b>	





#### Legend

-  Odour Mitigation Units
-  GIS\_DATA.ADM\_BND\_CADASTRE

Ward st Southport

0 10 20 Metres

Odour Mitigation Units - Page 50 of 109

#### LOCALITY MAP



Produced By: Spatial Services

Production Date: 06 Jul 2016

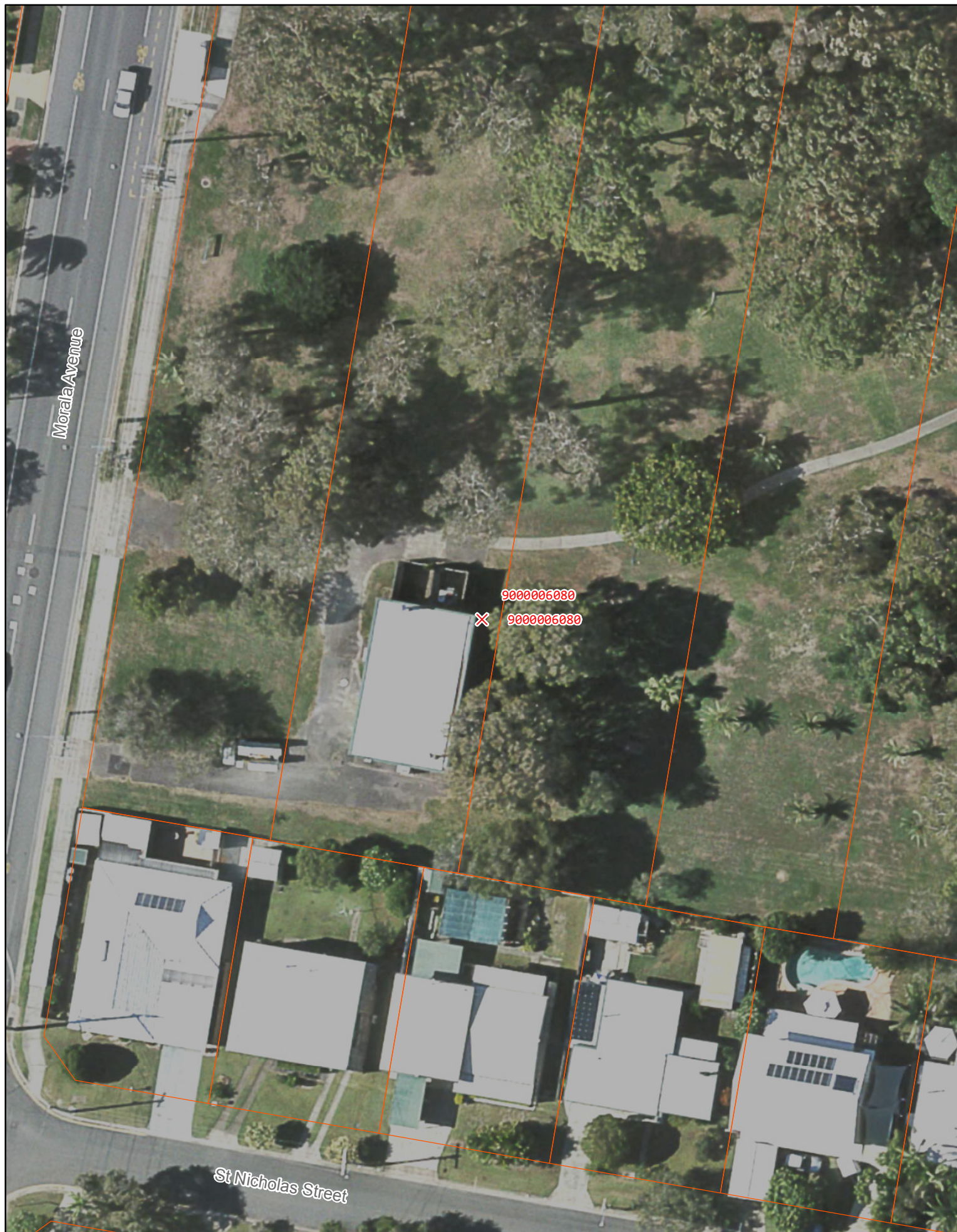
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Version:

Projection: MGA94 Zone 56

CITY OF  
**GOLD COAST**





#### Legend

- X Odour Mitigation Units
- GIS\_DATA.ADM\_BND\_CADASTRE

D14 Moralla ave Biggera Waters 1

0 10 20 Metres

Odour Mitigation Units - Page 51 of 109

#### LOCALITY MAP



Produced By: Spatial Services

Production Date: 06 Jul 2016

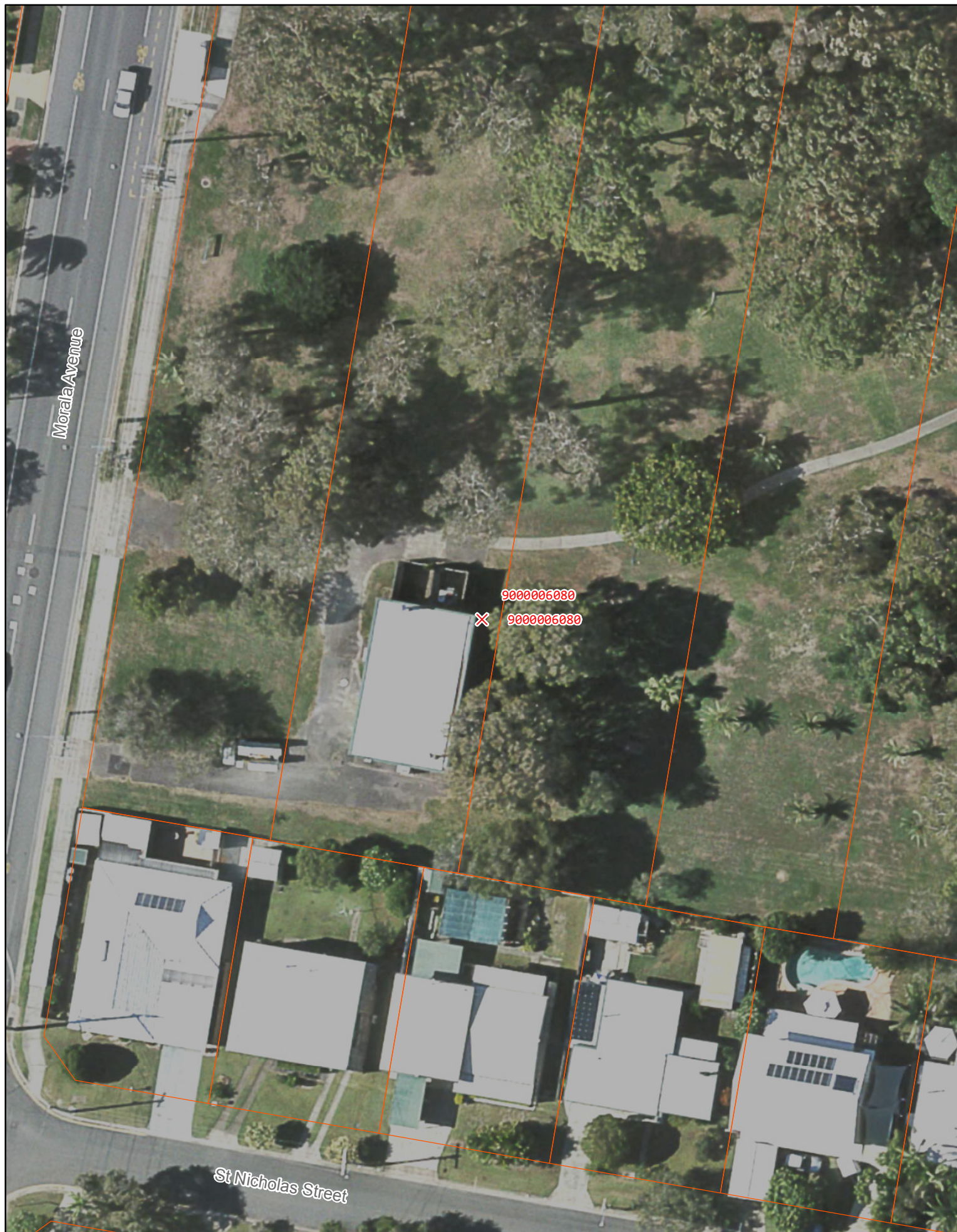
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Version:

Projection: MGA94 Zone 56

CITY OF  
**GOLD COAST**





#### Legend

- X Odour Mitigation Units
- GIS\_DATA.ADM\_BND\_CADASTRE

D14 Moralla ave Biggera Waters 2

0 10 20 Metres

Odour Mitigation Units - Page 52 of 109

#### LOCALITY MAP



Produced By: Spatial Services

Production Date: 06 Jul 2016

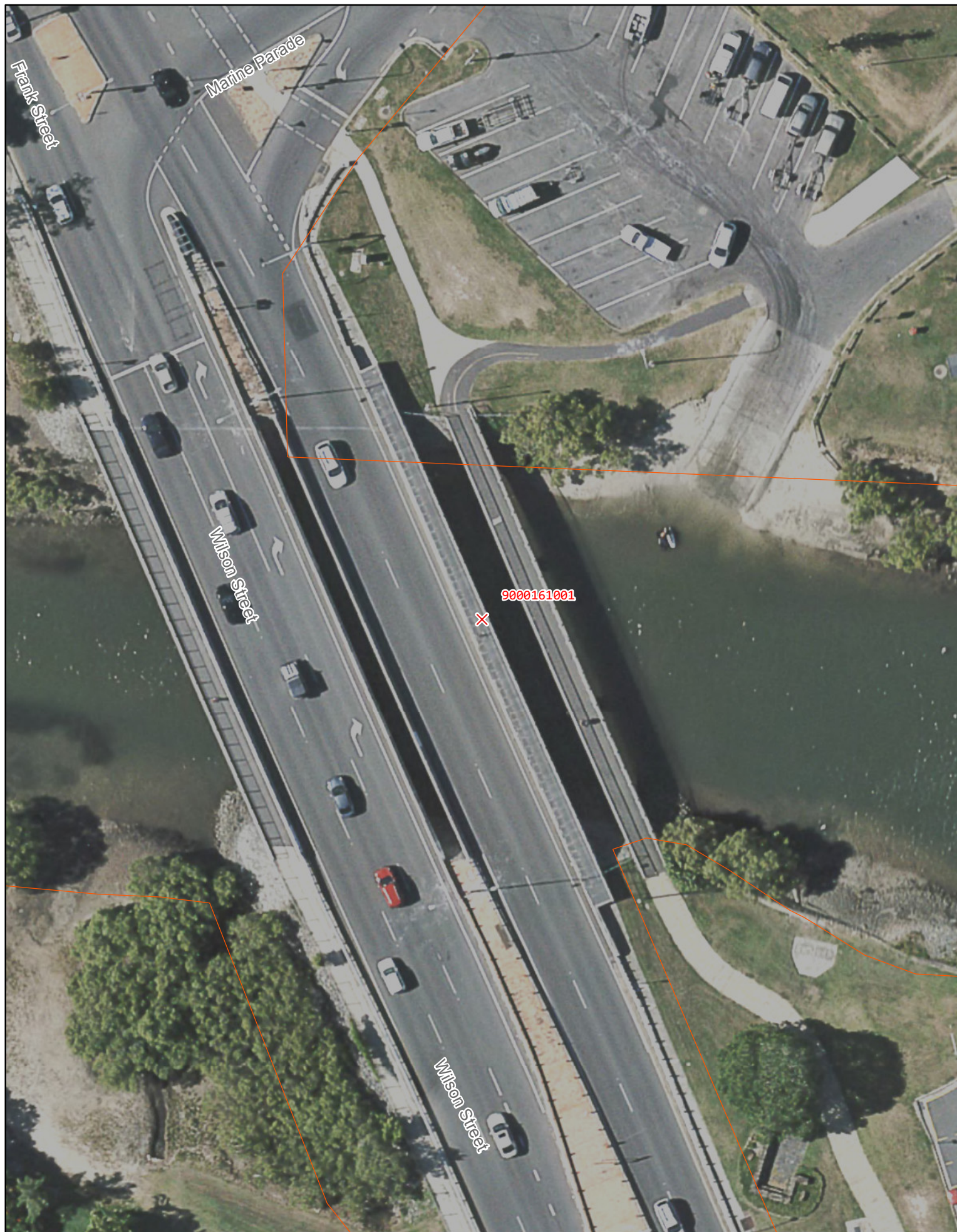
Service Call: TASK0012970

Version:

Projection: MGA94 Zone 56

CITY OF  
**GOLD COAST**





#### Legend

- X Odour Mitigation Units
- GIS\_DATA.ADM\_BND\_CADASTRE

Frank st Bridge (coast Guard)

10 0 20 Metres

Odour Mitigation Units - Page 53 of 109

#### LOCALITY MAP



Produced By: Spatial Services

Production Date: 06 Jul 2016

Service Call: TASK0012970

Version:

Projection: MGA94 Zone 56

CITY OF  
**GOLD COAST**





#### Legend

- X Odour Mitigation Units
- GIS\_DATA.ADM\_BND\_CADASTRE

Currumbin Mitchell ave in park

10 0 20 Metres

Odour Mitigation Units - Page 54 of 109

#### LOCALITY MAP



Produced By: Spatial Services

Production Date: 06 Jul 2016

Service Call: TASK0012970

Version:

Projection: MGA94 Zone 56

CITY OF  
**GOLD COAST**





#### Legend

- X Odour Mitigation Units
- GIS\_DATA.ADM\_BND\_CADASTRE

Laguna st Palm Beach Next to creek

0 10 20 Metres

Odour Mitigation Units - Page 55 of 109

#### LOCALITY MAP



Produced By: Spatial Services

Production Date: 06 Jul 2016

Service Call: TASK0012970

Version:

Projection: MGA94 Zone 56

CITY OF  
**GOLD COAST**





- Legend**
- ✗ Odour Mitigation Units
  - GIS\_DATA.ADM\_BND\_CADASTRE

Rio Vista Blvd Bridge Hooker blvd end

10 0 20 Metres

Odour Mitigation Units - Page 56 of 109

**LOCALITY MAP**



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Production Date:	06 Jul 2016
Service Call:	TASK0012970
Version:	
Projection:	MGA94 Zone 56
CITY OF <b>GOLD COAST</b>	





- Legend**
- Odour Mitigation Units
  - GIS\_DATA.ADM\_BND\_CADASTRE

Helensvale road Bridge North



Odour Mitigation Units - Page 57 of 109

**LOCALITY MAP**



Produced By:	Spatial Services
Production Date:	06 Jul 2016
Service Call:	TASK0012970
Version:	
Projection:	MGA94 Zone 56
CITY OF GOLD COAST	





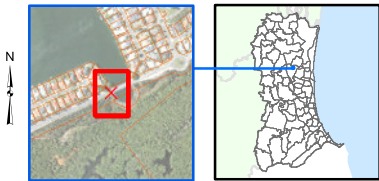
- Legend**
- ✗ Odour Mitigation Units
  - GIS\_DATA.ADM\_BND\_CADASTRE

Helensvale road Bridge South



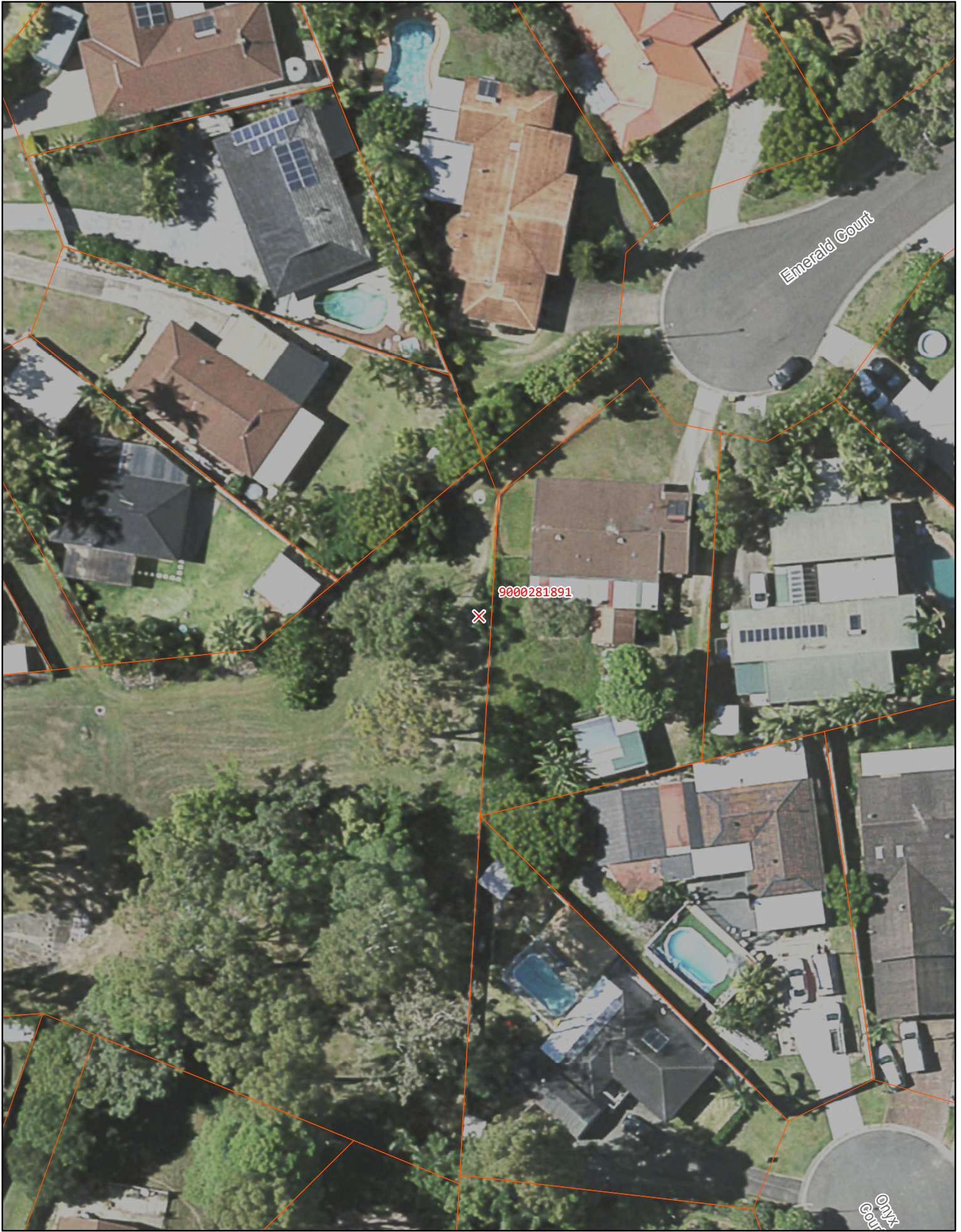
Odour Mitigation Units - Page 58 of 109

**LOCALITY MAP**





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Production Date:	06 Jul 2016
Service Call:	TASK0012970
Version:	
Projection:	MGA94 Zone 56
CITY OF GOLD COAST	





**Legend**

-  Odour Mitigation Units
-  GIS\_DATA.ADM\_BND\_CADASTRE

Emerald Crt Carrara



Odour Mitigation Units - Page 59 of 109

**LOCALITY MAP**



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Production Date:	06 Jul 2016
Service Call:	TASK0012970
Version:	
Projection:	MGA94 Zone 56
CITY OF <b>GOLD COAST</b>	





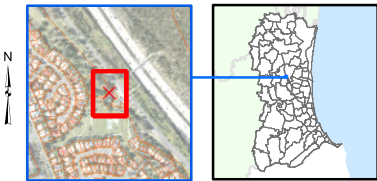
- Legend**
- ✗ Odour Mitigation Units
  - GIS\_DATA.ADM\_BND\_CADASTRE

OX02, Entertainment Road Oxenford 1

0 10 20 Metres

Odour Mitigation Units - Page 60 of 109

**LOCALITY MAP**



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Production Date:	06 Jul 2016
Service Call:	TASK0012970
Version:	
Projection:	MGA94 Zone 56
CITY OF GOLDCOAST	





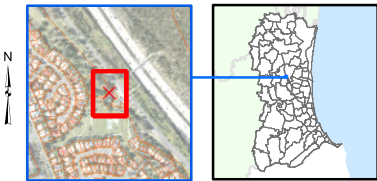
- Legend**
- ✗ Odour Mitigation Units
  - GIS\_DATA.ADM\_BND\_CADASTRE

OX02, Entertainment Road Oxenford 2

0 10 20 Metres

Odour Mitigation Units - Page 61 of 109

**LOCALITY MAP**



Produced By:	Spatial Services
Production Date:	06 Jul 2016
Service Call:	TASK0012970
Version:	
Projection:	MGA94 Zone 56
CITY OF GOLDCOAST	





- Legend**
- ✗ Odour Mitigation Units
  - GIS\_DATA.ADM\_BND\_CADASTRE

A78 Karloo Street Surfers Paradise

0 10 20 Metres

Odour Mitigation Units - Page 62 of 109

**LOCALITY MAP**



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Production Date:	06 Jul 2016
Service Call:	TASK0012970
Version:	
Projection:	MGA94 Zone 56
CITY OF GOLD COAST	





#### Legend

- X Odour Mitigation Units
- GIS\_DATA.ADM\_BND\_CADASTRE

96 Allison Road Carrara Manhole

10 0 20 Metres

Odour Mitigation Units - Page 63 of 109

#### LOCALITY MAP



Produced By: Spatial Services

Production Date: 06 Jul 2016

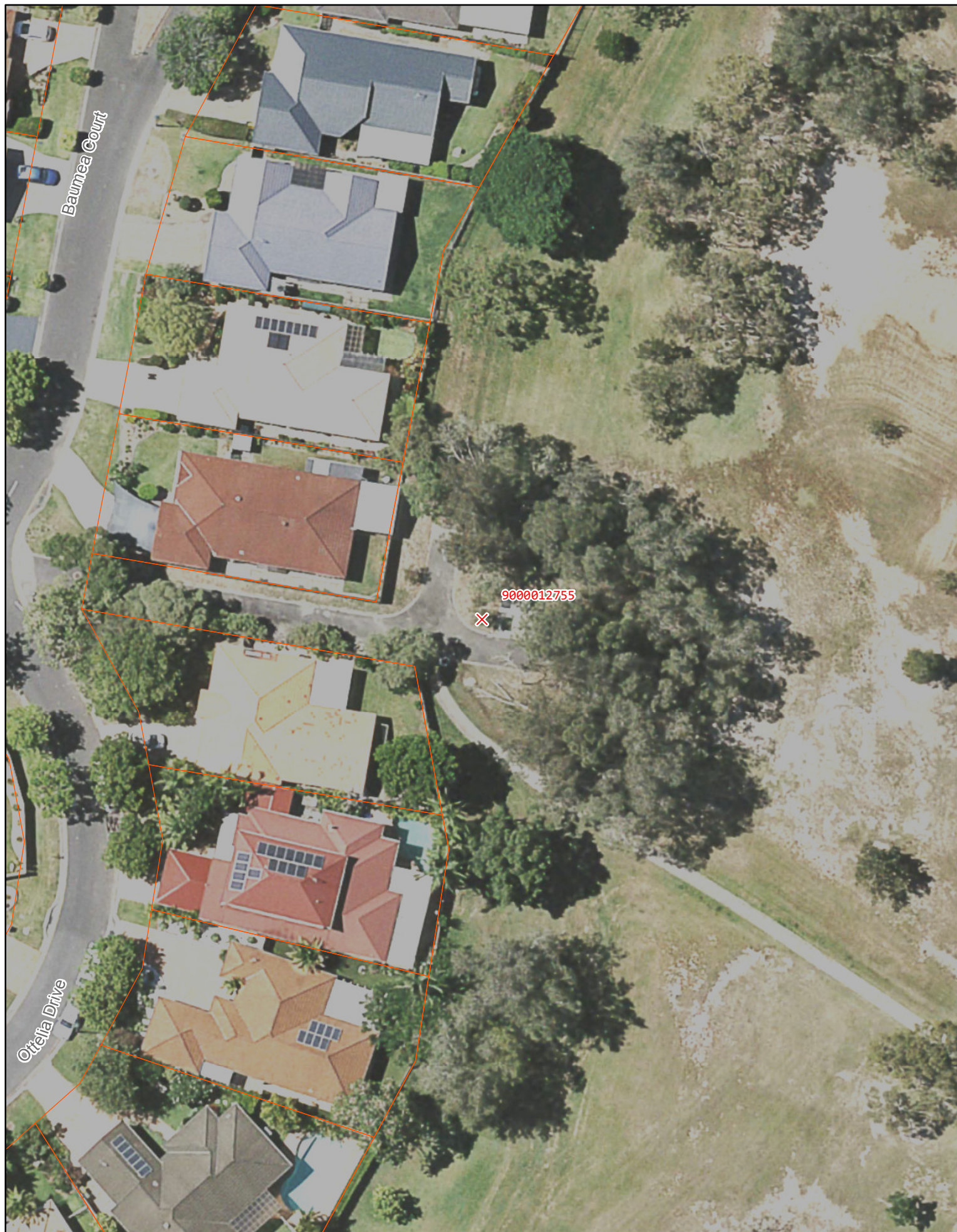
Service Call: TASK0012970

Version:

Projection: MGA94 Zone 56

CITY OF  
**GOLD COAST**





#### Legend

- X Odour Mitigation Units
- GIS\_DATA.ADM\_BND\_CADASTRE

C24 Ottelia Elanora

0 10 20 Metres

Odour Mitigation Units - Page 64 of 109

#### LOCALITY MAP



Produced By: Spatial Services

Production Date: 06 Jul 2016

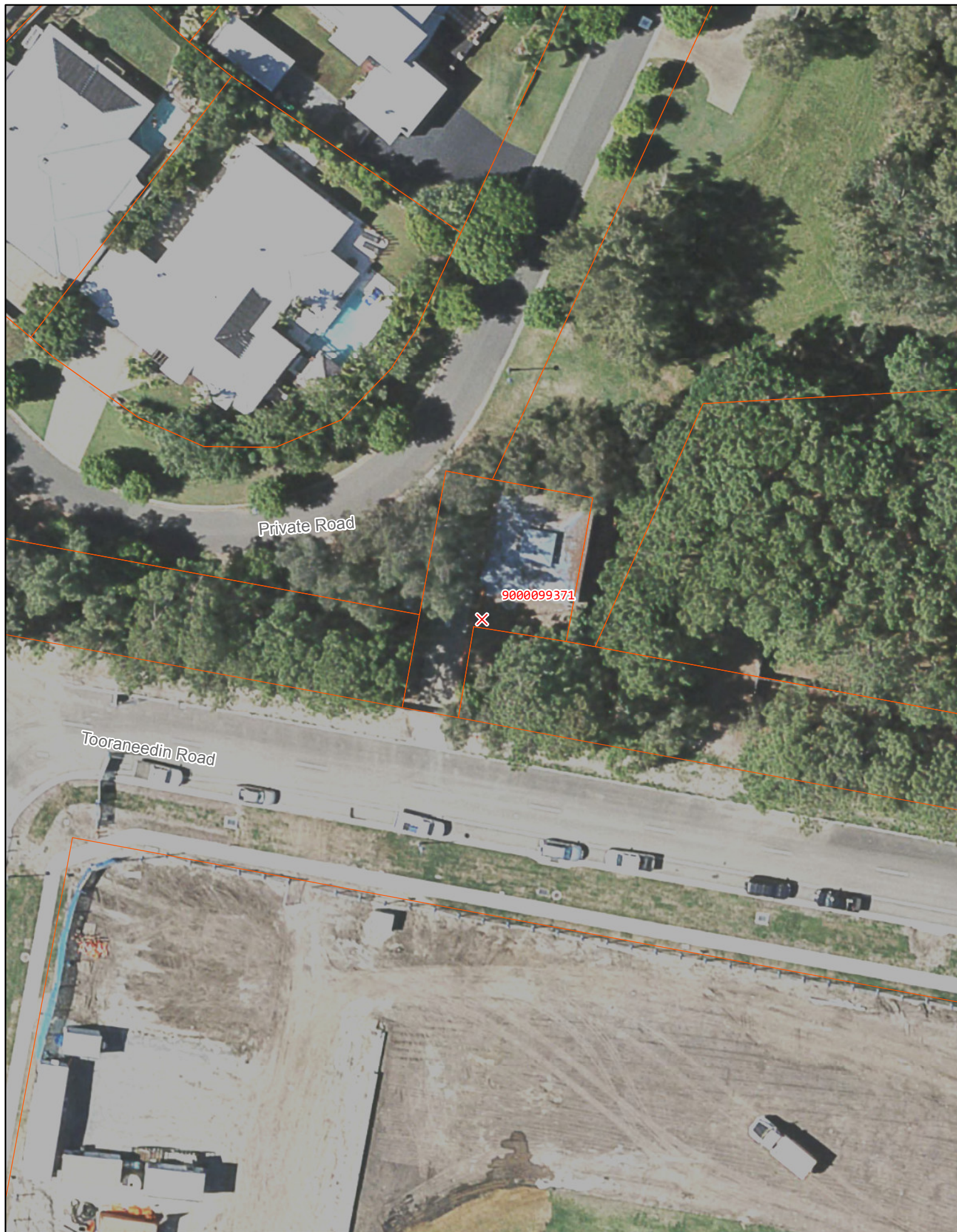
Service Call: TASK0012970

Version:

Projection: MGA94 Zone 56

CITY OF  
**GOLD COAST**





#### Legend

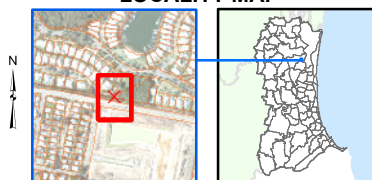
- X Odour Mitigation Units
- GIS\_DATA.ADM\_BND\_CADASTRE

C014 Coomera waters

0 10 20 Metres

Odour Mitigation Units - Page 65 of 109

#### LOCALITY MAP



Produced By: Spatial Services

Production Date: 06 Jul 2016

Service Call: TASK0012970

Version:

Projection: MGA94 Zone 56

CITY OF  
**GOLD COAST**





#### Legend

- X Odour Mitigation Units
- GIS\_DATA.ADM\_BND\_CADASTRE

Benowa A102 Race course Drive, Benowa

0 10 20 Metres

Odour Mitigation Units - Page 66 of 109

#### LOCALITY MAP



Produced By: Spatial Services

Production Date: 06 Jul 2016

Service Call: TASK0012970

Version:



Projection: MGA94 Zone 56

CITY OF  
**GOLD COAST**





#### Legend

-  Odour Mitigation Units
-  GIS\_DATA.ADM\_BND\_CADASTRE

0X33 Vac station John Dalley Dr., Helensvale

10 0 20 Metres

Odour Mitigation Units - Page 67 of 109

#### LOCALITY MAP



Produced By: Spatial Services

Production Date: 06 Jul 2016

Service Call: TASK0012970

Version:



Projection: MGA94 Zone 56

CITY OF  
**GOLD COAST**





#### Legend

-  Odour Mitigation Units
-  GIS\_DATA.ADM\_BND\_CADASTRE

OX20 Vac station Pendraat Pde, Helensvale

0 10 20 Metres

Odour Mitigation Units - Page 68 of 109

#### LOCALITY MAP



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Production Date: 06 Jul 2016

Service Call: TASK0012970

Version:



Projection: MGA94 Zone 56

CITY OF  
**GOLD COAST**





#### Legend

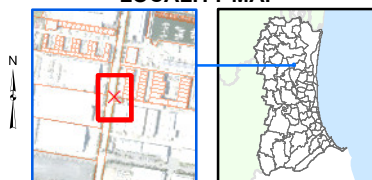
-  Odour Mitigation Units
-  GIS\_DATA.ADM\_BND\_CADASTRE

C013 Vac station

10 0 20 Metres

Odour Mitigation Units - Page 69 of 109

#### LOCALITY MAP



Produced By: Spatial Services

Production Date: 06 Jul 2016

Service Call: TASK0012970

Version:

Projection: MGA94 Zone 56

CITY OF  
**GOLD COAST**





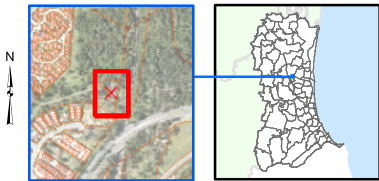
- Legend**
- Odour Mitigation Units
  - GIS\_DATA.ADM\_BND\_CADASTRE

OX01, Careel Close Helensvale

10 0 20 Metres

Odour Mitigation Units - Page 70 of 109

**LOCALITY MAP**



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Production Date:	06 Jul 2016
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Version:	
Projection:	MGA94 Zone 56
CITY OF <b>GOLD COAST</b>	





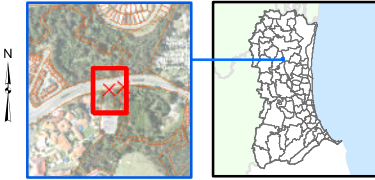
- Legend**
- ✗ Odour Mitigation Units
  - GIS\_DATA.ADM\_BND\_CADASTRE

PA1, Reserve Road Upper Coomera

0 10 20 Metres

**Odour Mitigation Units - Page 71 of 109**

**LOCALITY MAP**



Produced By:	Spatial Services
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Version:	
Projection:	MGA94 Zone 56
CITY OF <b>GOLD COAST</b>	





#### Legend

- X Odour Mitigation Units
- GIS\_DATA.ADM\_BND\_CADASTRE

OX38, Hope Island Road 1

10 0 20 Metres

Odour Mitigation Units - Page 72 of 109

#### LOCALITY MAP



Produced By: Spatial Services

Production Date: 06 Jul 2016

Service Call: TASK0012970

Version:



Projection: MGA94 Zone 56

CITY OF  
**GOLD COAST**





**Legend**

-  Odour Mitigation Units
-  GIS\_DATA.ADM\_BND\_CADASTRE

OX38, Hope Island Road 2

10 0 20 Metres

**Odour Mitigation Units - Page 73 of 109**

**LOCALITY MAP**



Produced By:	Spatial Services
Production Date:	06 Jul 2016
Service Call:	TASK0012970
Version:	
Projection:	MGA94 Zone 56
CITY OF <b>GOLD COAST</b>	





- Legend**
- ✗ Odour Mitigation Units
  - GIS\_DATA.ADM\_BND\_CADASTRE

OX39, Ridgvale Road 1

0 10 20 Metres

Odour Mitigation Units - Page 74 of 109

**LOCALITY MAP**



Produced By:	Spatial Services
Production Date:	06 Jul 2016
Service Call:	TASK0012970
Version:	
Projection:	MGA94 Zone 56
CITY OF GOLDCOAST	





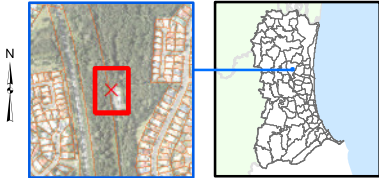
- Legend**
- Odour Mitigation Units
  - GIS\_DATA.ADM\_BND\_CADASTRE

OX39, Ridgvale Road 2

0 10 20 Metres

Odour Mitigation Units - Page 75 of 109

**LOCALITY MAP**



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Service Call:	TASK0012970
Version:	
Projection:	MGA94 Zone 56
CITY OF GOLDCOAST	





- Legend**
- ✗ Odour Mitigation Units
  - GIS\_DATA.ADM\_BND\_CADASTRE

OD1, Odour Unit, Montekeys Road 1



Odour Mitigation Units - Page 76 of 109

**LOCALITY MAP**



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Production Date:	06 Jul 2016
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Version:	
Projection:	MGA94 Zone 56
CITY OF <b>GOLD COAST</b>	





**Legend**

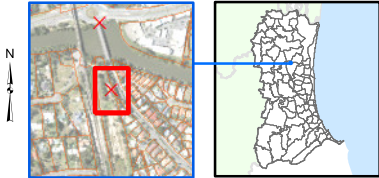
- ✗ Odour Mitigation Units
- GIS\_DATA.ADM\_BND\_CADASTRE

OD1, Odour Unit, Montekeys Road 2

10 0 20 Metres

Odour Mitigation Units - Page 77 of 109

**LOCALITY MAP**





Produced By:	Spatial Services
Production Date:	06 Jul 2016
Service Call:	TASK0012970
Version:	
Projection:	MGA94 Zone 56
CITY OF <b>GOLD COAST</b>	





**Legend**

-  Odour Mitigation Units
-  GIS\_DATA.ADM\_BND\_CADASTRE

OD1, Odour Unit, Monterey Keys Road 3

0 10 20 Metres

Odour Mitigation Units - Page 78 of 109

**LOCALITY MAP**



Produced By: Spatial Services

Production Date: 06 Jul 2016

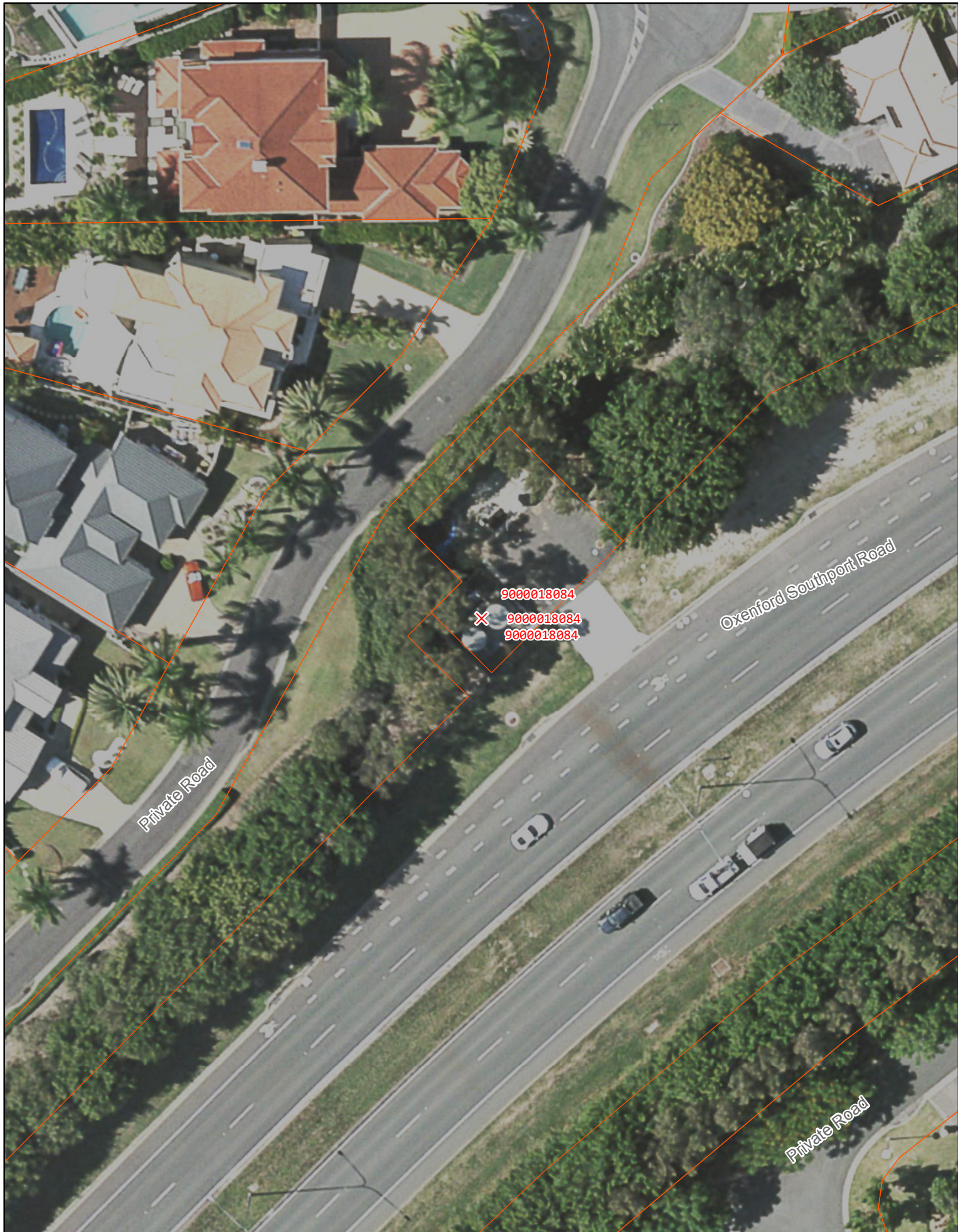
Service Call: TASK0012970

Version:

Projection: MGA94 Zone 56

CITY OF  
**GOLD COAST**





**Legend**

- Odour Mitigation Units
- GIS\_DATA.ADM\_BND\_CADASTRE

OX09, Hope Island Road 1

10 0 20 Metres

**Odour Mitigation Units - Page 79 of 109**

**LOCALITY MAP**



Produced By: Spatial Services

Production Date: 06 Jul 2016

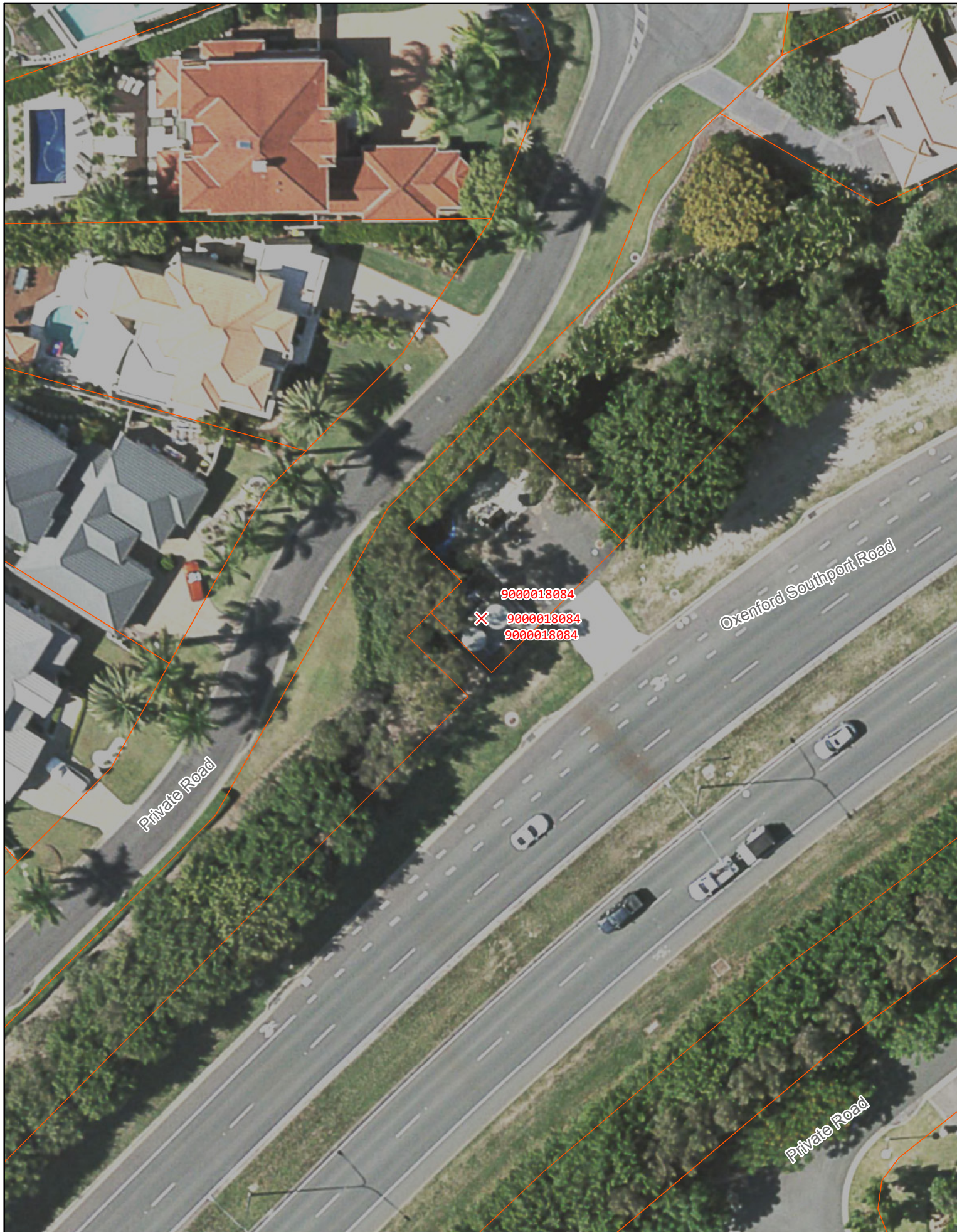
Service Call: TASK0012970

Version:

Projection: MGA94 Zone 56

CITY OF  
**GOLD COAST**





**Legend**

- Odour Mitigation Units
- GIS\_DATA.ADM\_BND\_CADASTRE

OX09, Hope Island Road 2

10 0 20 Metres

**Odour Mitigation Units - Page 80 of 109**

**LOCALITY MAP**



Produced By: Spatial Services

Production Date: 06 Jul 2016

Service Call: TASK0012970

Version:

Projection: MGA94 Zone 56

CITY OF  
**GOLD COAST**





#### Legend

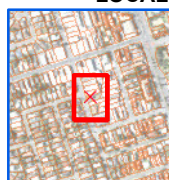
- X Odour Mitigation Units
- GIS\_DATA.ADM\_BND\_CADASTRE

B47, Lemana Lane

0 10 20 Metres

Odour Mitigation Units - Page 81 of 109

#### LOCALITY MAP



Produced By: Spatial Services

Production Date: 06 Jul 2016

Service Call: TASK0012970

Version:

Projection: MGA94 Zone 56

CITY OF  
**GOLD COAST**





# Legend

- X Odour Mitigation Units
- GIS\_DATA.ADM\_BND\_CADASTRE

B49, West Burleigh Road 1

10 0 20 Metres

Odour Mitigation Units - Page 82 of 109

## LOCALITY MAP



Produced By: Spatial Services

Production Date: 06 Jul 2016

Service Call: TASK0012970

Version:

Projection: MGA94 Zone 56

CITY OF  
**GOLD COAST**





#### Legend

- X Odour Mitigation Units
- GIS\_DATA.ADM\_BND\_CADASTRE

B49, West Burleigh Road 2

0 10 20 Metres

Odour Mitigation Units - Page 83 of 109

#### LOCALITY MAP



Produced By: Spatial Services

Production Date: 06 Jul 2016

Service Call: TASK0012970

Version:

Projection: MGA94 Zone 56

CITY OF  
**GOLD COAST**





#### Legend

- X Odour Mitigation Units
- GIS\_DATA.ADM\_BND\_CADASTRE

SP68 Markeri Street Robina

0 10 20 Metres

Odour Mitigation Units - Page 84 of 109

#### LOCALITY MAP



Produced By: Spatial Services

Production Date: 06 Jul 2016

Service Call: TASK0012970

Version:

Projection: MGA94 Zone 56

CITY OF  
**GOLD COAST**





- Legend**
- ✗ Odour Mitigation Units
  - GIS\_DATA.ADM\_BND\_CADASTRE

W1 Nielsons Rpad Cricket Club

10 0 20 Metres

Odour Mitigation Units - Page 85 of 109

**LOCALITY MAP**



Produced By:	Spatial Services
Production Date:	06 Jul 2016
Service Call:	TASK0012970
Version:	
Projection:	MGA94 Zone 56

CITY OF  
**GOLD COAST**





#### Legend

- X Odour Mitigation Units
- GIS\_DATA.ADM\_BND\_CADASTRE

Co1 Sanctuary Cove

0 10 20 Metres

Odour Mitigation Units - Page 86 of 109

#### LOCALITY MAP



Produced By: Spatial Services

Production Date: 06 Jul 2016

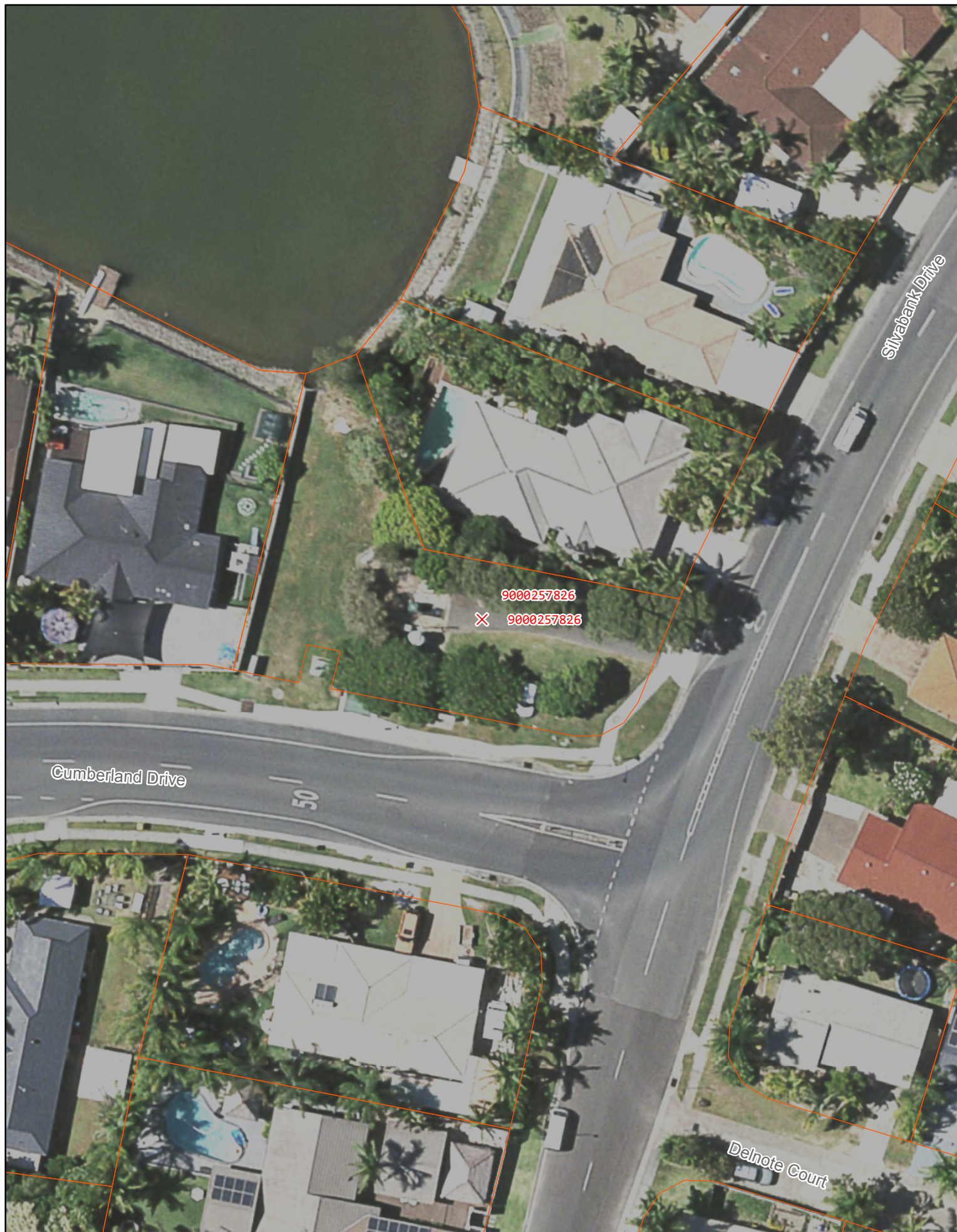
Service Call: TASK0012970

Version:



Projection: MGA94 Zone 56

CITY OF  
**GOLD COAST**





#### Legend

-  Odour Mitigation Units
-  GIS\_DATA.ADM\_BND\_CADASTRE

SS2, Silvabank Drive, Stephens

10 0 20 Metres

Odour Mitigation Units - Page 87 of 109

#### LOCALITY MAP



N  
↑

Produced By: Spatial Services

Production Date: 06 Jul 2016

Service Call: TASK0012970

Version:

Projection: MGA94 Zone 56

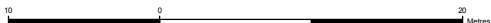
CITY OF  
**GOLD COAST**





- Legend**
- ✗ Odour Mitigation Units
  - GIS\_DATA.ADM\_BND\_CADASTRE

BE35 Yatala Pies



Odour Mitigation Units - Page 88 of 109

**LOCALITY MAP**



Produced By:	Spatial Services
Production Date:	06 Jul 2016
Service Call:	TASK0012970
Version:	
Projection:	MGA94 Zone 56
CITY OF <b>GOLD COAST</b>	





#### Legend

- X Odour Mitigation Units
- GIS\_DATA.ADM\_BND\_CADASTRE

OX45, Kopps Road

10 0 20 Metres

Odour Mitigation Units - Page 89 of 109

#### LOCALITY MAP



Produced By: Spatial Services

Production Date: 06 Jul 2016

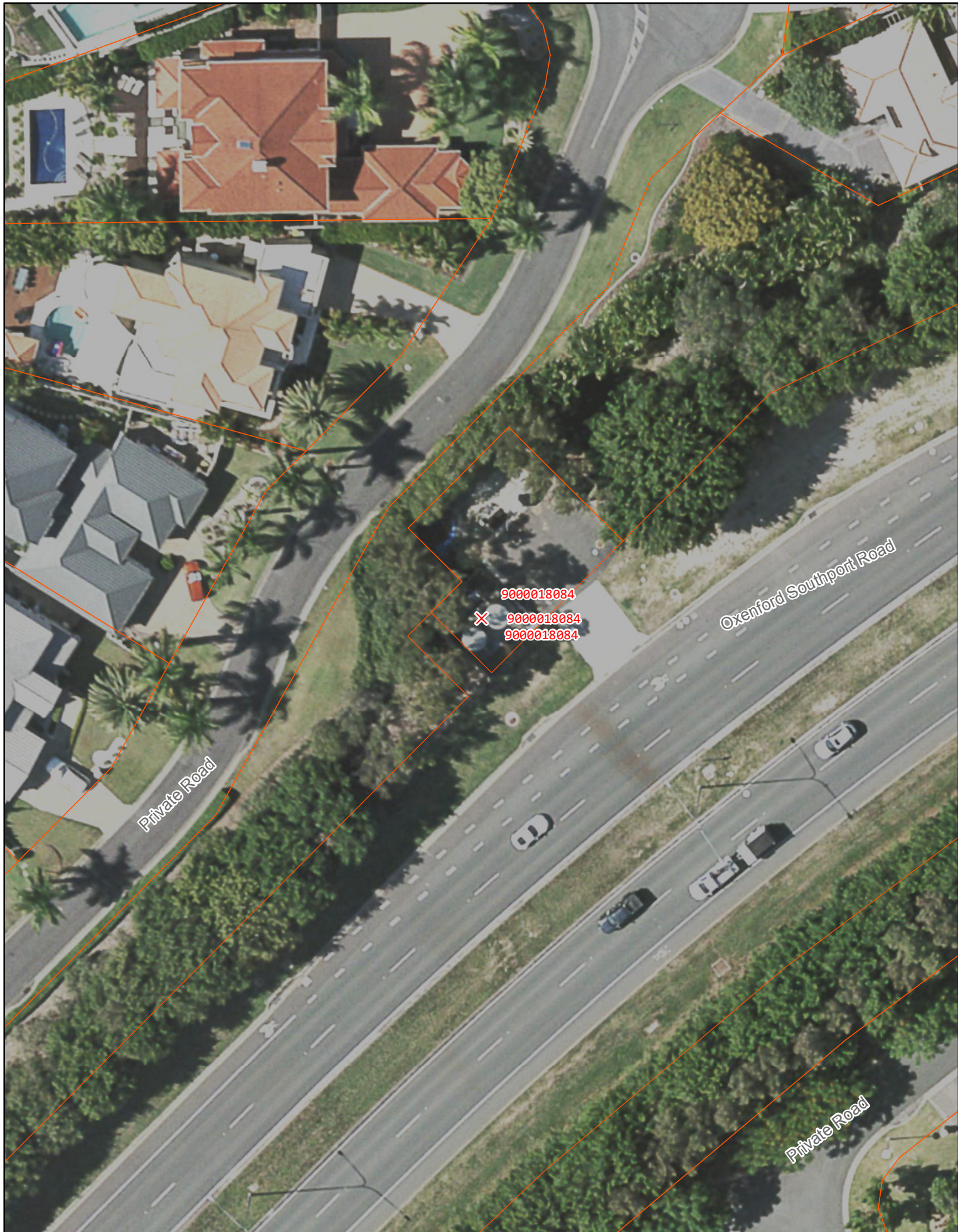
Service Call: TASK0012970

Version:

Projection: MGA94 Zone 56

CITY OF  
**GOLD COAST**

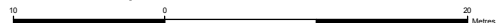




**Legend**

- Odour Mitigation Units
- GIS\_DATA.ADM\_BND\_CADASTRE

OX09, Hope Island Road 3



Odour Mitigation Units - Page 90 of 109

**LOCALITY MAP**



Produced By:	Spatial Services
Production Date:	06 Jul 2016
Service Call:	TASK0012970
Version:	
Projection:	MGA94 Zone 56
CITY OF <b>GOLD COAST</b>	





#### Legend

- X Odour Mitigation Units
- GIS\_DATA.ADM\_BND\_CADASTRE

SP26, Cnr Hooker and Sunshine

10 0 20 Metres

Odour Mitigation Units - Page 91 of 109

#### LOCALITY MAP



Produced By: Spatial Services

Production Date: 06 Jul 2016

Service Call: TASK0012970

Version:

Projection: MGA94 Zone 56

CITY OF  
**GOLD COAST**





- Legend**
- ✗ Odour Mitigation Units
  - GIS\_DATA.ADM\_BND\_CADASTRE

B9, 19th Avenue



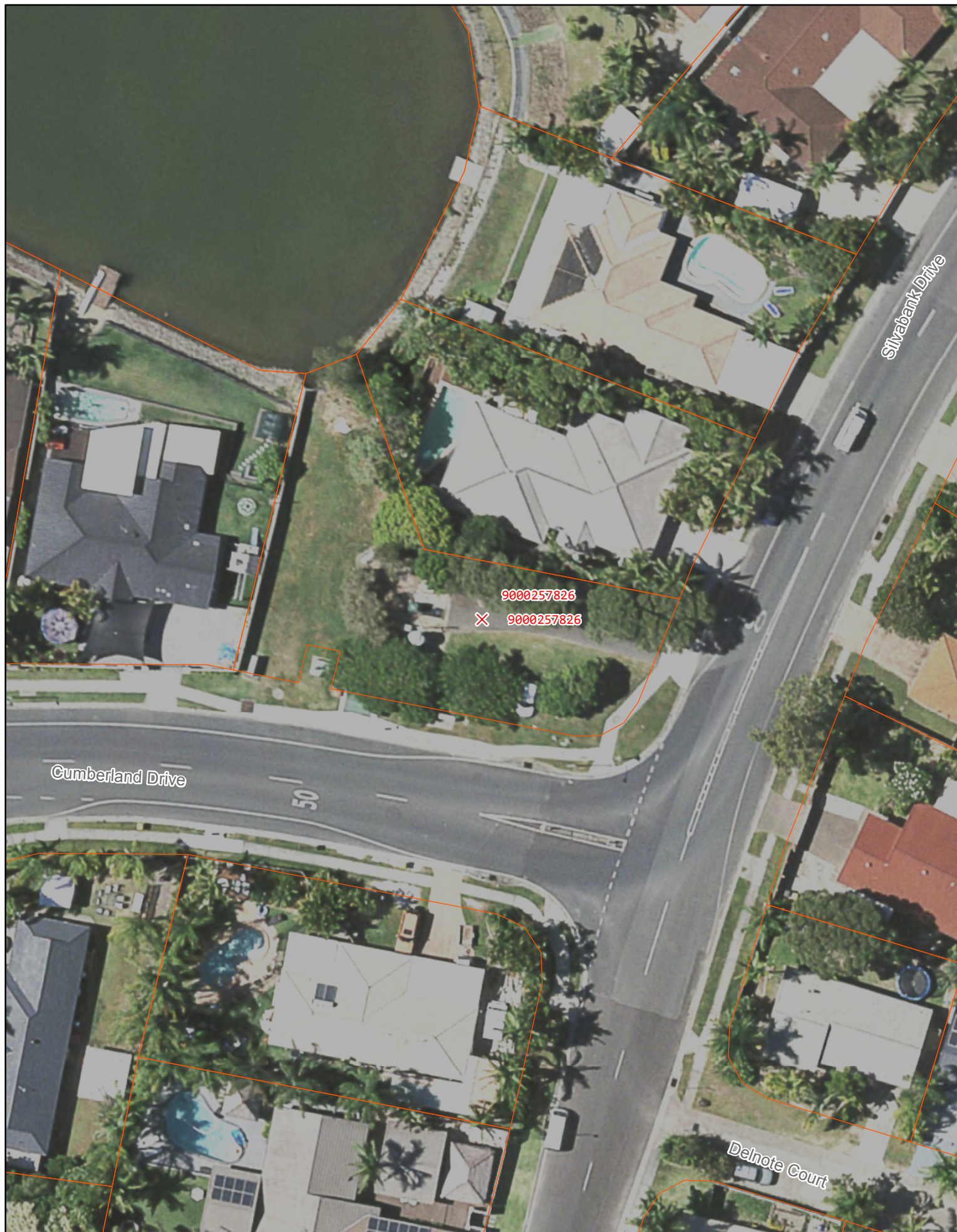
Odour Mitigation Units - Page 92 of 109

**LOCALITY MAP**





Produced By:	Spatial Services
Production Date:	06 Jul 2016
Service Call:	TASK0012970
Version:	
Projection:	MGA94 Zone 56
CITY OF <b>GOLD COAST</b>	





#### Legend

-  Odour Mitigation Units
-  GIS\_DATA.ADM\_BND\_CADASTRE

SS2, Silvabank Drive, Stephens

0 10 20 Metres

Odour Mitigation Units - Page 93 of 109

#### LOCALITY MAP



Produced By: Spatial Services

Production Date: 06 Jul 2016

Service Call: TASK0012970

Version:

Projection: MGA94 Zone 56

CITY OF  
**GOLD COAST**





#### Legend

- X Odour Mitigation Units
- GIS\_DATA.ADM\_BND\_CADASTRE

W49, Angelia Lane Merrimac

10 0 20 Metres

Odour Mitigation Units - Page 94 of 109

#### LOCALITY MAP



Produced By: Spatial Services

Production Date: 06 Jul 2016

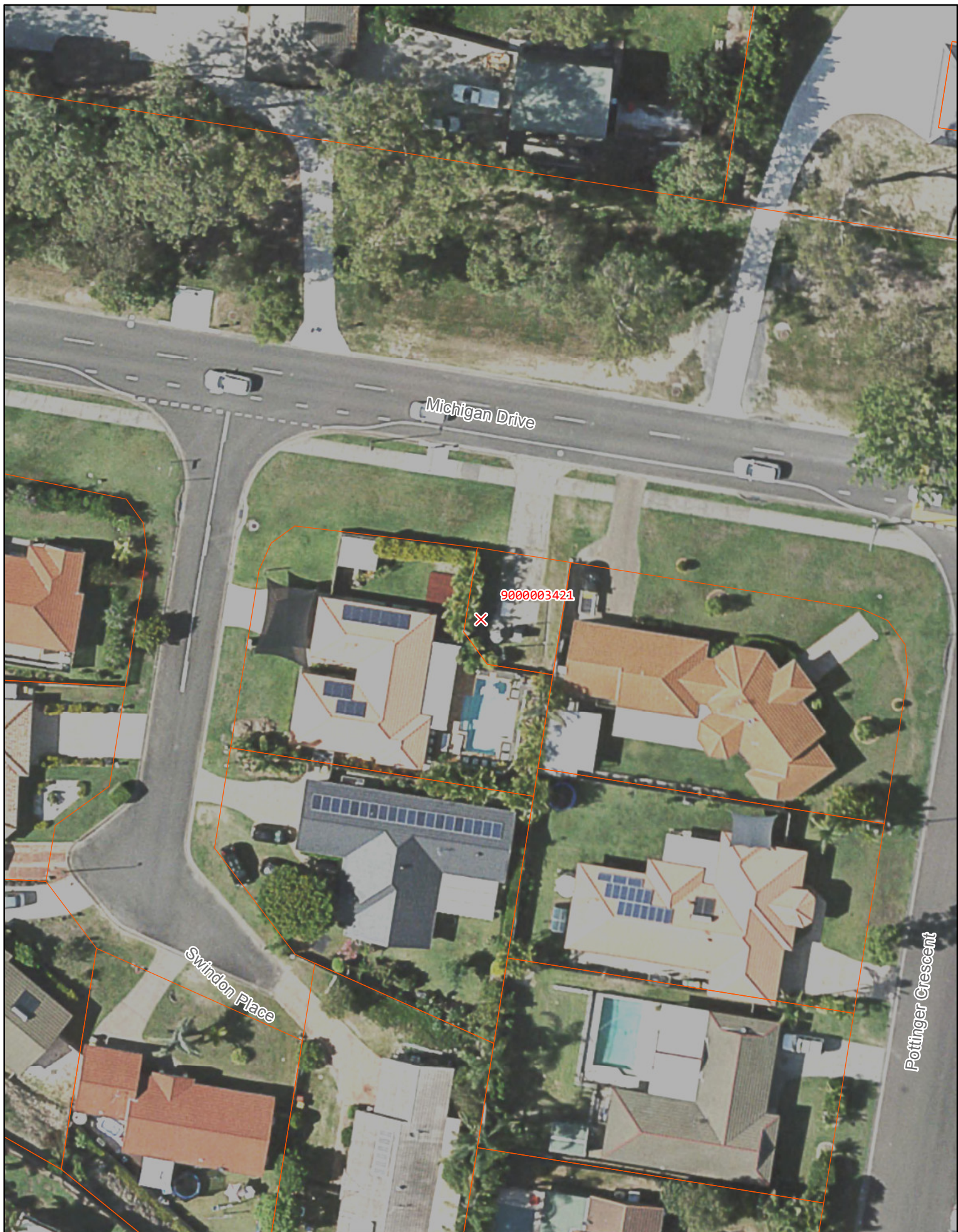
Service Call: TASK0012970

Version:

Projection: MGA94 Zone 56

CITY OF  
**GOLD COAST**





#### Legend

- X Odour Mitigation Units
- GIS\_DATA.ADM\_BND\_CADASTRE

UC8, Michigan Road, Oxenford

10 0 20 Metres

Odour Mitigation Units - Page 95 of 109

#### LOCALITY MAP



Produced By: Spatial Services

Production Date: 06 Jul 2016

Service Call: TASK0012970

Version:

Projection: MGA94 Zone 56

CITY OF  
**GOLD COAST**





#### Legend

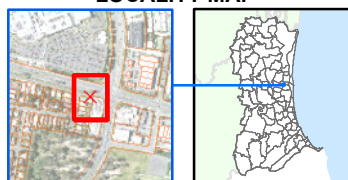
- X Odour Mitigation Units
- GIS\_DATA.ADM\_BND\_CADASTRE

D9 Brisbane Road Labrador

0 10 20 Metres

Odour Mitigation Units - Page 96 of 109

#### LOCALITY MAP



Produced By: Spatial Services

Production Date: 06 Jul 2016

Service Call: TASK0012970

Version:

Projection: MGA94 Zone 56

CITY OF  
**GOLD COAST**





- Legend**
- ✕ Odour Mitigation Units
  - GIS\_DATA.ADM\_BND\_CADASTRE

A78 Karloo Street Surfers Paradise

0 10 20 Metres

Odour Mitigation Units - Page 97 of 109

**LOCALITY MAP**



Produced By:	Spatial Services
Production Date:	06 Jul 2016
Service Call:	TASK0012970
Version:	
Projection:	MGA94 Zone 56

CITY OF  
**GOLD COAST**





#### Legend

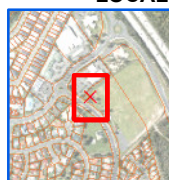
- X Odour Mitigation Units
- GIS\_DATA.ADM\_BND\_CADASTRE

DA6 Ormeau Baseball

0 10 20 Metres

Odour Mitigation Units - Page 98 of 109

#### LOCALITY MAP



Produced By: Spatial Services

Production Date: 06 Jul 2016

Service Call: TASK0012970

Version:

Projection: MGA94 Zone 56

CITY OF  
**GOLD COAST**





- Legend**
- ✗ Odour Mitigation Units
  - GIS\_DATA.ADM\_BND\_CADASTRE

W53 Webber crt Gilston



Odour Mitigation Units - Page 99 of 109

**LOCALITY MAP**



Produced By:	Spatial Services
Production Date:	06 Jul 2016
Service Call:	TASK0012970
Version:	
Projection:	MGA94 Zone 56
CITY OF <b>GOLD COAST</b>	





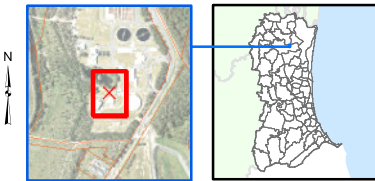
- Legend**
- ✕ Odour Mitigation Units
  - GIS\_DATA.ADM\_BND\_CADASTRE

PA10 Pimpama WWT



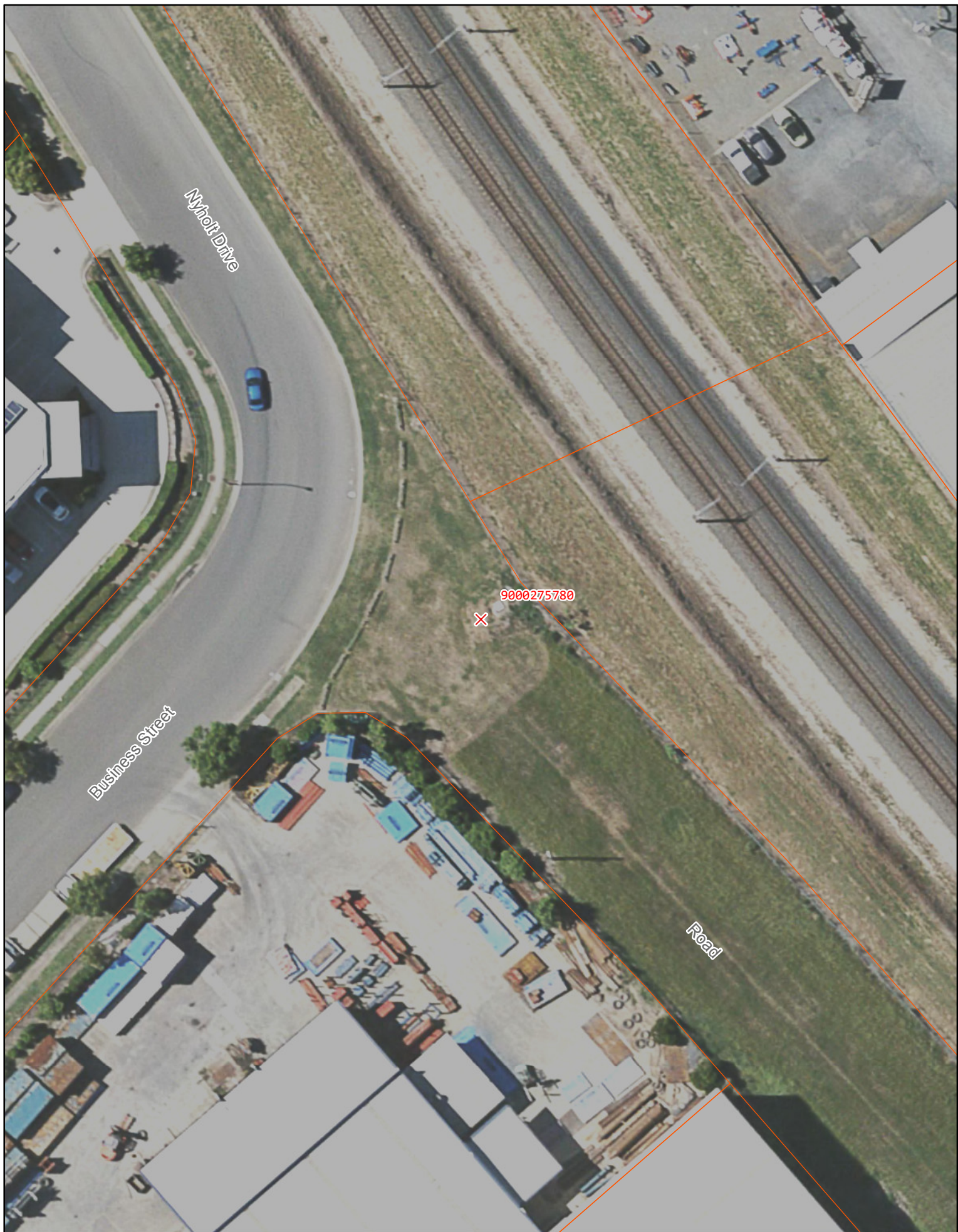
Odour Mitigation Units - Page 100 of 109

LOCALITY MAP



Produced By:	Spatial Services
Production Date:	06 Jul 2016
Service Call:	TASK0012970
Version:	
Projection:	MGA94 Zone 56
CITY OF GOLD COAST	





#### Legend

- X Odour Mitigation Units
- GIS\_DATA.ADM\_BND\_CADASTRE

Business Street, Yatala

0 10 20 Metres

Odour Mitigation Units - Page 101 of 109

#### LOCALITY MAP



Produced By: Spatial Services

Production Date: 06 Jul 2016

Service Call: TASK0012970

Version:

Projection: MGA94 Zone 56

CITY OF  
**GOLD COAST**





#### Legend

- X Odour Mitigation Units
- GIS\_DATA.ADM\_BND\_CADASTRE

Brewery, Elderslie Rd, Yatala

10 0 20 Metres

Odour Mitigation Units - Page 102 of 109

#### LOCALITY MAP



Produced By: Spatial Services

Production Date: 06 Jul 2016

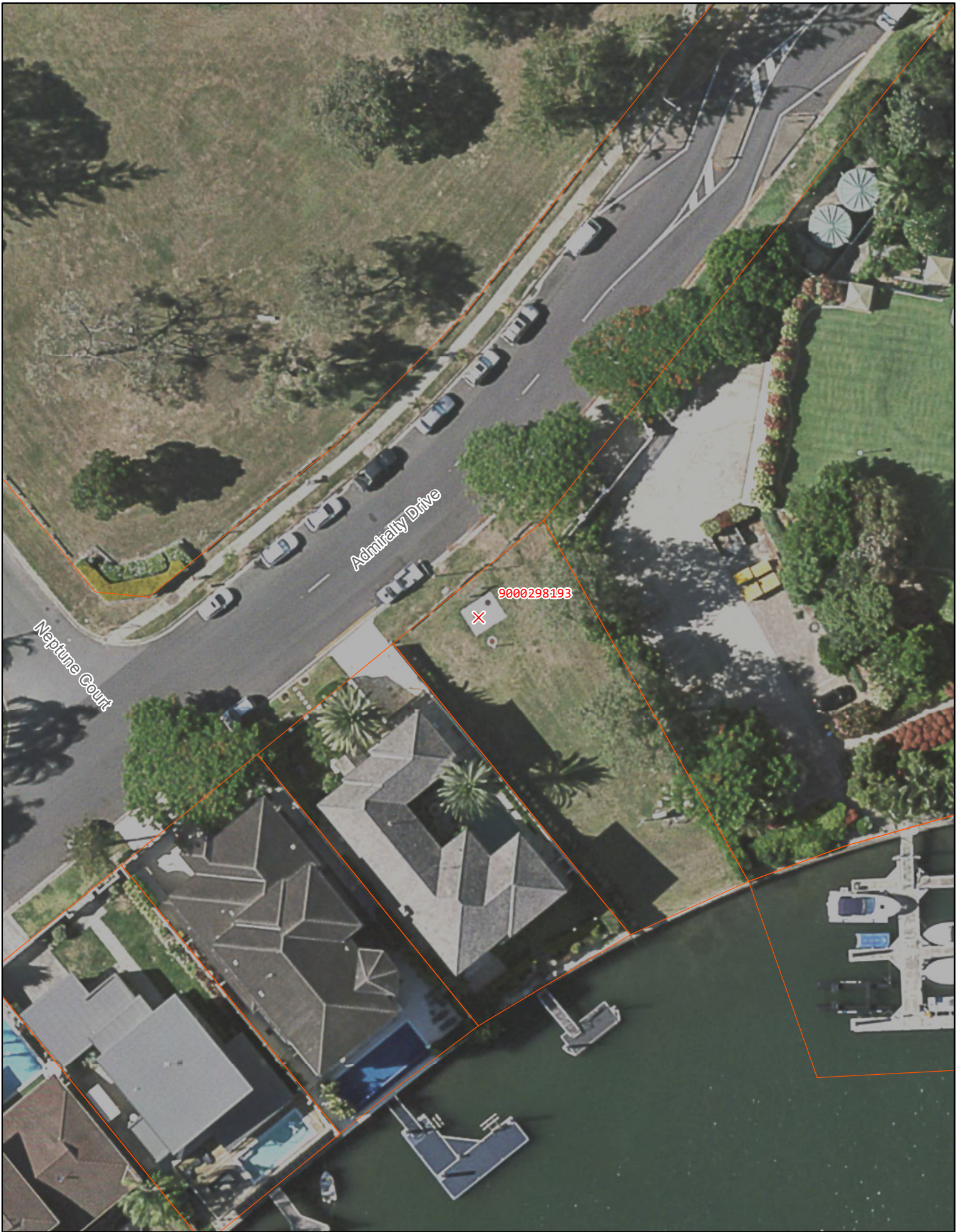
Service Call: TASK0012970

Version:

Projection: MGA94 Zone 56

CITY OF  
**GOLD COAST**





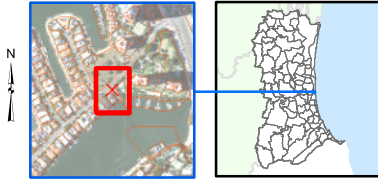
- Legend**
- ✗ Odour Mitigation Units
  - GIS\_DATA.ADM\_BND\_CADASTRE

Admiralty Dr, Surfers Paradise

0 10 20 Metres

**Odour Mitigation Units - Page 103 of 109**

**LOCALITY MAP**





Produced By:	Spatial Services
Production Date:	06 Jul 2016
Service Call:	TASK0012970
Version:	
Projection:	MGA94 Zone 56
CITY OF <b>GOLD COAST</b>	

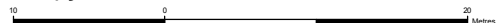




**Legend**

-  Odour Mitigation Units
-  GIS\_DATA.ADM\_BND\_CADASTRE

Stapylton Rd, Yatala



Odour Mitigation Units - Page 104 of 109

**LOCALITY MAP**



Produced By:	Spatial Services
Production Date:	06 Jul 2016
Service Call:	TASK0012970
Version:	
Projection:	MGA94 Zone 56

CITY OF  
**GOLD COAST**





#### Legend

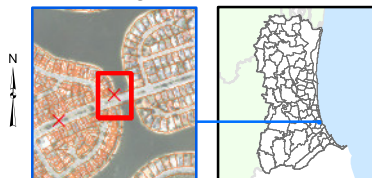
- X Odour Mitigation Units
- GIS\_DATA.ADM\_BND\_CADASTRE

Christine Ave, Burleigh unit 1

0 10 20 Metres

Odour Mitigation Units - Page 105 of 109

#### LOCALITY MAP



Produced By: Spatial Services

Production Date: 06 Jul 2016

Service Call: TASK0012970

Version:

Projection: MGA94 Zone 56

CITY OF  
**GOLDCOAST**





- Legend**
- Odour Mitigation Units
  - GIS\_DATA.ADM\_BND\_CADASTRE

Christine Ave, Burleigh unit 2



Odour Mitigation Units - Page 106 of 109

**LOCALITY MAP**



Produced By:	Spatial Services
Production Date:	06 Jul 2016
Service Call:	TASK0012970
Version:	
Projection:	MGA94 Zone 56
CITY OF GOLDCOAST	





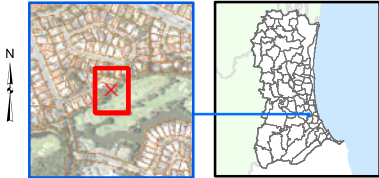
- Legend**
- ✗ Odour Mitigation Units
  - GIS\_DATA.ADM\_BND\_CADASTRE

SS27, Robina



Odour Mitigation Units - Page 107 of 109

**LOCALITY MAP**



Produced By:	Spatial Services
Production Date:	06 Jul 2016
Service Call:	TASK0012970
Version:	
Projection:	MGA94 Zone 56

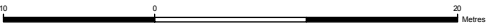
CITY OF  
**GOLD COAST**





**Legend**  
X Odour Mitigation Units  
GIS\_DATA.ADM\_BND\_CADASTRE

34 Maltravers



Odour Mitigation Units - Page 108 of 109

**LOCALITY MAP**



Produced By:	Spatial Services
Production Date:	06 Jul 2016
Service Call:	TASK0012970
Version:	
Projection:	MGA94 Zone 56
CITY OF <b>GOLD COAST</b>	





- Legend**
- Odour Mitigation Units
  - GIS\_DATA.ADM\_BND\_CADASTRE

10 Gawain

0 10 20 Metres

**LOCALITY MAP**



Produced By:	Spatial Services
Production Date:	06 Jul 2016
Service Call:	TASK0012970
Version:	
Projection:	MGA94 Zone 56
CITY OF <b>GOLD COAST</b>	



# **ATTACHMENT D**

## **EXAMPLE WORK RQUEST**



**May 16, 2016**   **Operation Control Ticket**   **42892**   **Original**

**Order**   10277509   **Order Type**   PM01   Preventative Maintenance

**Description**   CARBON MEDIA REP - **GWCMRB UNIT 1**

**Funct. location**   S-ME-PSCAT-SS10   SEWER PUMP STATION CATCHMENT

**Equipment**   9000295936   Sewer Maintenance Ho

**Start date**   May 16, 2016   **End date**   May 16, 2016

**Priority**   5   20 d Rsp - As agreed

**Status**   REL ACAS NMAT PRC SETC

**Location**   DIVISION12   **Room**

**PM planner grp**   GCW   Gold Coast Water   **PM plant**   1000

**Main work centre**   GWNRP001000   Team Leader Pump Stations

**Maintenance plan**   1187   **Maint. plan item** 23792

**Changed By**   42892   Bhavin   Kantharia

**Asset Custodian**   51100218   Director Gold Coast Wa   Paul Heaton

**Work Order Address**

City of Gold Coast Council  
BURLEIGH WATERS

**CHRISTINE AVENUE**

**Hazard Identification:**

☒ Applicable / ☐ Not Applicable

- |  |   |  |
|--|---|--|
| <input type="checkbox"/> In or near Confined Spaces        | <input type="checkbox"/> Powered mobile plant         | <input type="checkbox"/> Noise           |
| <input type="checkbox"/> On or adjacent to road or railway | <input type="checkbox"/> Risk of a fall of > 2 metres | <input type="checkbox"/> Remote/Isolated |
| <input type="checkbox"/> Energised Electrical Services     | <input type="checkbox"/> Risk of drowning             | <input type="checkbox"/> Manual Tasks    |
| <input type="checkbox"/> Tilt up or precast concrete       | <input type="checkbox"/> Chemicals/gas lines          | <input type="checkbox"/> Sediment        |
| <input type="checkbox"/> In or near a trench > 1.5 metres  | <input type="checkbox"/> Disturbance of Asbestos      |  |

If controls are required, refer to Operations Manual or Supervisor.

MUTCD Diagram No.

ESSOPM Safe Work Method Statement No's:

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\* Activities in *italic* require a Safe Work Method Statement and must be kept onsite.

Signed \_\_\_\_\_ # \_\_\_\_\_   Signed \_\_\_\_\_ # \_\_\_\_\_

Signed \_\_\_\_\_ # \_\_\_\_\_   Signed \_\_\_\_\_ # \_\_\_\_\_



<b>Operation</b>	0010	<b>Operation Desc</b>	<b>CARBON/BIO MEDIA REPL &gt;500KG</b>
<b>Work center</b>	GWNRPP00	<b>Description</b>	Team Leader Pump Stations
<b>Funct. Location</b>	1000		
<b>Equipment</b>			
<b>Planned Start Date</b>	May 16, 2016	<b>Planned Start time</b>	00:00:01
<b>Actual Start Date</b>	<input type="text"/>	<b>Actual Start Time</b>	<input type="text"/>
<b>Actual Finish Date</b>	<input type="text"/>	<b>Actual Finish Time</b>	<input type="text"/>
<b>Actual Hours</b>	<input type="text"/>	<b>OVT Hours</b>	<input type="text"/>

CARBON/BIO MEDIA REPL &gt;500KG

/

1. DO RISK ASSESSMENT.COMPLY QEMS

2. SKILLED PERSONNEL ONLY

Isolation of unit to be carried out by GCCC operator.

3. LIFT COVERS OFF

Remove cover allowing access to activated carbon/bio media.

4. CLEAN - GENERAL MAINT (A)

Remove and dispose of existing activated carbon/bio media via vacuum method.

5. CLEAN - GENERAL MAINT (B)

Disposal of media will be carried out by GCCC. Vacuum plant to be supplied by GCCC.

6. REPLACE MEDIA IN ODOUR UNIT

Refill unit with supplied activated carbon/bio media as per quantity specified.

7. SKILLED PERSONNEL ONLY

GCCC operator to be advised so unit can be returned to normal operation.

8. RETURN SITE TO SAFE CONDITION

9. COMPLETE JOB DOCUMENTATION

**Object List for Order:** 10277509

CARBON MEDIA REP - GWCMRB UNIT 1

<b>Func.Location</b>	S-ME-PSCAT-SS10	<b>Description</b>	SEWER PUMP STATION CATCH	
<b>Equipment</b>	9000295936	<b>Description</b>	Sewer Maintenance Ho	





Actual Start Date:\_\_\_\_/\_\_\_\_/\_\_\_\_ Actual Start Time:\_\_\_\_:\_\_\_\_:\_\_\_\_

Actual End Date: \_\_\_\_/\_\_\_\_/\_\_\_\_ Actual End Time : \_\_\_\_:\_\_\_\_:\_\_\_\_

The Work and listed operations have been completed by

Name: \_\_\_\_\_ Personnel Number: \_\_\_\_\_

*Further Action or Completion Comments:*

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11