Ref No. 1

Public potable water supplier:

Flinders Shire Council

Project name:

Hughenden Fluoridation

Fluoridation of the Hughenden **water treatment plant**

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Introduction

The objective of this report is to provide the Queensland Government with:

- a summary of activities that took place to achieve the goals of the project (by completing the below questions)
- support for the last funding expenditure reimbursement claim.
- a notification the project has been completed.

Instructions

Please answer all questions relevant to your project. If you are unable to provide an answer, please state so. If the question is not applicable to your project, please answer "Not Applicable" and why this is so.

1. Project details

Please insert the details about your project in the table below.

Project name	Hughenden Fluoridation
Approval date	28/09/2012
Funding agreement execution date	30/06/2014
Approved funding ($)	$1,437,000
Funding paid to date ($)	$1,293,300
Population served	1200 – 1300

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RTI Document No. 2

2. Construction details

Please insert the construction details about your project in the table below.

Procurement methodology	Open Tender
Concept design prepared by	GHD
Detailed design prepared by	GHD
Construction awarded to	AUZSCOT CIVIL AUSTRALIA
Fluoridation equipment supplier	PROMINENT
Flow meters utilised (type and size)	DULCO FLOW Ultransonic Flowmeter ABB Watermaster 250mm
Concentration analysers utilised	DULCOMETER
Remote monitoring equipment (if installed)	SCADA (RADETEL)
Plant capacity including minimum and maximum flow demands	4.5ML/d plant capacity with an average of 2ML/d and a peak day of 4.5ML/d
Chemical type	Granular Sodium Fluoride

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RTI Document No. 3

3. Timelines

Please provide the dates for your project milestones in the table below.

Activity	Original forecasted date	Actual completion date
Commencement of Fluoride concept design report (FCDR)	Commencement of report prep: 22/08/2014	Commencement of report prep: 24/08/2011 Completion of FCDR: 19/01/2012
Construction commencement	05/08/2012	03/07/13
Commencement date of proof of performance testing	Dec 2012	10/02/14
Completion date of proof of performance testing	Dec 2012	28/03/14
Commissioning date/hand over to PPWS	30/12/2012	28/03/14
Training completed and competency gained	Nov 2012	07/02/14

Please complete the questions below about your project timelines.

3.1 Has there been any major delays to the **construction** of the fluoride facility?

Yes / No (please circle)

3.2 If yes, what caused these delays? (you may attach a report detailing the reasons for the delays)

There was an approximately 3 month delay by Prominent in Supplying the Fluoridation equipment. They were also slack in their provision of paperwork for the Close-out report.

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RTI Document No. 4

4. Costs

Please insert your project costs in the table below and provide further information if applicable to the question below.

Activity	Original forecasted amount	Actual amount
Final cost of planning, design and construction	$1,437,000	$1,479,535
Commissioning costs	$13,500	$13,500
Cost of chemical supply per bag (including freight)	$62.50 (including delivery)	$43.18 per bag

4.1 If the project was completed at a higher than estimated cost and the contingency amount was required, please provide a brief explanation as to why this occurred (you may attach a report detailing the reasons for the increased cost).

There were 8 Variations totalling $13,552.00. These included the re-direction of clashing pipework and the installation of Stand-pipe Hydrants instead of Spring Hydrants due to maintenance issues. There were also unforseen consultant fees.

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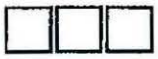
RTI Document No. 5



5. Closure

Please provide further details on the items listed below (you may use attachments):.

5.1 Proof of performance testing criteria (see site commissioning test sheet)

5.2 Proof of performance testing results (see site commissioning test sheet)

5.3 Water analysis results (see attached results)

5.4 Please provide a list of outstanding business activities, risks and issues associated with the project.

5.5 What closure activities still require completion? Waiting for Prominent to sign the post commissioning checklist.

5.6 Please provide any 'lesson(s) learnt' which could assist future implementations (you may use attachments). This may include any experience you had with your contractors. We will not use Prominent again.

Please circle an answer to each of the questions below, If the answer is 'to be completed' please insert the date for which it will be completed by.

5.7. Is hand over of the project deliverables and documentation
Completed / to be completed by _____

5.8 Termination of any supplier contracts:
Completed / to be completed by _____

5.9 Release resources
Completed / to be completed by _____

5.10 Undertake closure communication (for example Queensland Health)
Completed / to be completed by _____

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RTI Document No. 6

6. Photographs

Please provide electronic copies of photographs showing the following:

- the completed project
- photographs of the project during construction
- a photograph of the dosing meter showing the dosing level
- A copy of the 24 hour trend graph indicating WTP flow and fluoride levels.

7. Documentation

Please provide copies of the following documents:

- the Certificate(s) of Practical Completion issued by the superintendent(s)
- the Certificates of Final Acceptance Tests
- written evidence the fluoride facility has met the performance requirements of the Regulation for a period of not less than 14 consecutive operating days and continues to do so
- written evidence two (2) plant operators per fluoride facility have completed qualified training
- written evidence the associated documentation (e.g. operation and maintenance manuals, as-constructed information) is complete in all respects
- the certified contract payment schedules, the Certificate(s) of Practical Completion and the Certificates of Final Acceptance Tests
- the final Budget and cost report
- results of tests carried out in accordance with the Regulation demonstrating that the fluoride facility is meeting the requirements of the Regulation
- the completed final subsidy post-commissioning checklist
- a statement of compliance with the Regulation.

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RTI Document No. 7

9. Sign Off

I certify that the information provided in this report is an accurate reflection of project activities.

Signed Sch. 4(4)(6)

Stephen Turner

Director of Engineering

Project Manager

Signed

Graham King

Chief Executive Officer

Flinders Shire Council

FLINDERS SHIRE COUNCIL
Sch. 4(4)(6)
CHIEF EXECUTIVE OFFICER

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RTI Document No. 8

Schedule 1 claims (28)

Flinders Shire Council

Hughenden Fluoridation

Annexure to the General Conditions of Contract for Contract No. 102.2013.2

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February 2013

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RTI Document No. 9

AS4000-1997

ANNEXURE to the Australian Standard General Conditions of Contract for Design and Construct

PART A

Contract No. 102.2013.2

This Annexure shall be completed and issued as part of the tender documents and, subject to any amendments to be incorporated into the *Contract*, is to be attached to the General Conditions and shall be read as part of the *Contract*.

Item		
1	*Principal* (clause 1)	**FLINDERS SHIRE COUNCIL**
	ABN	**24 420 911 643**
2	*Principal's* address	**34 Gray Street**
		Hughenden QLD 4821
3	*Contractor* (clause 1)	
	ABN	
4	*Contractor's* address	
5	*Superintendent* (clause 1)	**GHD Pty Ltd**
	ABN	**39008 488 373**
6	*Superintendent's* address	**Level 1, 42 Sturt Street, Townsville, QLD 4810**
7	a) *Date for practical completion* (clause 1)	
	OR	
	b) Period of time for *practical completion* (clause 1)	**As tendered in the tendered program work but no more than 26 weeks from the date of the Letter of Acceptance of Tender.**

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RTI Document No. 10

ANNEXURE to the Australian Standard General Conditions of Contract for Design and Construct

PART A

Contract No. 102.2013.2

8	Governing law (page 5, clause 1 (h))	**Queensland** If nothing stated, that of the jurisdiction where the *site* is located
9	a) Currency (page 5, clause 1 (g))	**Australian Dollar** If nothing stated, that of the jurisdiction where the *site* is located
	b) Place for payments (page 5, clause 1 (g))	If nothing stated, the *Principal's* address
	c) Place of business of bank (page 3, clause 1 (d))	If nothing stated, the place nearest to where the *site* is located
10	*Bill of quantities* (subclause 2.2)	
	a) Alternative applying (subclause 2.2)	**Alternative 2** If nothing stated, Alternative 1 applies
	b) If Alternative 2 applies, is the *bill of quantities* to be priced? (subclause 2.2)	**No** If neither deleted, the *bill of quantities* shall not be priced
	c) Lodgement time (subclause 2.3(b))	**Not Applicable** If nothing stated, 28 days after *date of acceptance of tender*
11	Quantities in *schedule of rates*, limits of accuracy (subclause 2.5 (b))	Upper Limit **No limit** Lower Limit **No limit**
12	*Provisional sum*, percentage for profit and attendance (clause 3)	**To be stated by the Tenderer in Schedule A1**
†13	*Contractor's security*	
	a) Form (clause 5)	**Cash or two approved Bank Guarantees each to the value of 5% of the Awarded Contract Sum.**
	b) Amount or maximum percentage of *contract sum* (clause 5)	**10% of Awarded Contract Sum** If nothing stated, 5% of the *contract sum*

† If applicable, delete and instead complete equivalent item in the separable portions section of the Annexure Part A

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RTI Document No. 11

ANNEXURE to the Australian Standard General Conditions of Contract for Design and Construct

PART A

Contract No. 102.2013.2

	c) If retention moneys, percentage of each *progress certificate* (clause 5 and subclause 37.2)	**10% until the limit in *Item* 13 (b) of the Contract Sum is held**
	d) Time for provision (except for retention moneys) (clause 5)	**28 Days after the date of the Letter of Acceptance of Tender** If nothing stated, within 28 days after *date of acceptance of tender*
	e) Additional *security* for unfixed plant and materials (subclauses 5.4 and 37.3)	**No payment will be made for unfixed plant and materials**
	f) *Contractor's security* upon *certificate of practical completion* is reduced by (subclause 5.4)	$ **50** % of amount held If nothing stated, 50% of amount held
T 14	*Principal's* security	
	a) Form (clause 5)	**NIL**
	b) Amount or maximum percentage of *contract sum* (clause 5)	**Not Applicable.** If nothing stated, nil
	c) Time for provision (clause 5)	**Not Applicable.** If nothing stated, within 28 days after *date of acceptance of tender*
	d) *Principal's security* upon *certificate of practical completion* is reduced by (subclause 5.4)	**Not Applicable** % of amount held If nothing stated, 50% of amount held
15	*Principal*-supplied documents (subclause 8.2)	Document: **All Documents** — No. of copies: **One (1) Copy** If nothing stated, 5 copies of the drawings, specification, bill of quantities or schedule of rates (if any)
16	Time for *Superintendent's direction* about documents (subclause 8.3)	**14** days If nothing stated, 14 days

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RTI Document No. 12

ANNEXURE to the Australian Standard General Conditions of Contract for Design and Construct

PART A

Contract No. 102.2013.2

17	Subcontract *work* requiring approval (subclause 9.2)	**All work under the Contract**
18	Novation (subclause 9.4)	**Subcontractor** **Particular part of WUC** **Not Applicable**
		Selected subcontractor **Particular part of WUC** **Not Applicable**
19	*Legislative requirements*	
	a) Those excepted (subclause 11.1)	
	b) Identified WUC (subclause 11.2(a)(ii))	**All work under the Contract**
20	Insurance of *the Works* (clause 16)	
	a) Alternative applying	**Alternative 1** If nothing stated, Alternative 1 applies
	If Alternative 1 applies b) Provision for demolition and removal of debris	$ OR **10** % of the contract sum
	c) Provision for consultants' fees	$ OR **10** % of the contract sum
	d) Value of materials or things to be supplied by the *Principal*	**NIL** $

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RTI Document No. 13

	e) Additional amount or percentage	$ OR **15** % of the total of paragraphs (a) to (d) in clause 16
21	Public liability insurance (clause 17)	
	a) Alternative applying	**Alternative 1** If nothing stated, Alternative 1 applies
	If Alternative 1 applies	
	b) Amount per occurrence shall be not less than	**$5,000,000** If nothing stated, then not les than the *contract sum*
22	Time for giving possession (subclause 24.1)	**14 days from the date of the Letter of Acceptance of Tender subject to the satisfactory performance of the conditions precedent to Site Possession under the Particular Conditions of Contract.** If nothing stated, 14 days
23	*Qualifying causes of delay* Causes of delay for which EOTs will not be granted (page 3, paragraph (b)(iii) of clause 1 and subclause 34.3)	**Inclement weather conditions which differ materially and substantially from those conditions which should reasonably have been anticipated by an experienced and competent Contractor.**
†24	Liquidated damages, rate (subclause 34.7)	per day **$1200** per day
†25	Bonus for early *practical completion* (subclause 34.8)	
	a) Rate	**Not Applicable** per day $ per day

† If Applicable, delete and instead complete equivalent item in the separable portion section of the Annexure Park A

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RTI Document No. 14

ANNEXURE to the Australian Standard General Conditions of Contract for Design and Construct

PART A

Contract No. 102.2013.2

	b) Limit	**Not Applicable** per day $ per day OR % of contract sum If nothing stated, there is no waiver
†26	Delay damages, other compensable causes (page 1, clause 1 and subclause 34.9)	**Not Applicable**
27	*Defects liability period* (clause 35)	**12 Months** If nothing stated, 12 months
28	Progress Claims (subclause 37.1)	
	a) Times for progress claims	**3rd Monday of each month for WUC**
	OR	
	b) Stages of *WUC* for progress claims	
29	Unfixed plant and materials for which payment claims may be made (subclause 37.3)	**NIL**[1]
30	Interest rate on overdue payments (subclause (37.5)	**7** % per annum If nothing stated, 18% per annum
31	Time for *Principal* to rectify inadequate possession	**28** days If nothing stated, 14 days

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RTI Document No. 15

(subclause 39.7)

32	Arbitration (subclause 42.3)	
	a) Person to nominate an arbitrator	**President of the Institution of Engineers, Australia** If no-one stated, the President of the Australasian Dispute Centre
	b) Rules for arbitration	**Rules 15 - 18 of the Rules of the Institution of Arbitrators, Australia for the conduct of Commercial Arbitrations.** If nothing stated: a) rules 5-18 of the Rules of The Institute of Arbitrators, Australia for the Conduct of Commercial Arbitrations; OR b) If one or more of the parties are nationals of and habitually resident in, incorporated in, or where the central management and control is exercised in, different countries as between the parties, then the UNCITRAL Arbitration Rules shall apply and the appointing authority shall be the person provided in *Item* 32(c)
	c) Appointing Authority under UNCITRAL Arbitration Rules	**The President of the Australasian Dispute Centre** If nothing stated, the President of the Australasian Dispute Centre

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RTI Document No. 16

ANNEXURE to the Australian Standard General Conditions of Contract for Design and Construct

PART B

Contract No. 102.2013.2

1 The following Clauses have been amended and differ from the corresponding Clauses in AS4000-1997: 2.5, 7, 9.2, 12, 15.1, 15.2, 25.1, 25.2, 25.4, 28, 29.3, 34.3, 34.5, 34.9, 34.10, 37.2, 37.4, 41.

In this Annexure, the different styles of type signify:

Retained text:	Light type ie	shall be deducted from;
Deleted text	small type ruled out ie	~~shall be deducted from;~~
Added text	Bold type ie.	**shall be deducted from.**

The deletions, amendments or additions to Clauses in AS4000-1997 are set out below:

2.5 Adjustment for Actual Quantities

Second Paragraph.

~~If such a *Bill of Quantities* or *Schedule of Rates* omits an item which should have been included, the item shall be a deemed variation.~~

If a Schedule of Rates omits an item which should reasonably have been anticipated by an experienced and competent Contractor at the time of tender, to be necessary for the satisfactory completion and performance of the works, the Contractor shall in the tender insert such omitted item in the schedule with a price or rate for such item. In the event of the failure of the Contractor to do so, the cost of such item will be deemed to be included within other items of the schedule.

7 SERVICE OF NOTICES

Add new item b (iv)

(iv) In the case of email, when delivered to a system from which the addressee can retrieve it.

9.2 Subcontracting

Third paragraph.

Within 14 days of the *Contractor's* request for approval, the *Superintendent* shall give the *Contractor* written notice of approval or ~~of the reasons why approval is not given~~ **rejection.**

12 PROTECTION OF PEOPLE AND PROPERTY

Amend paragraph (c)

(c) prevent nuisance and unreasonable noise and disturbance **and other pollution.**

Add new paragraphs between paragraphs 2 and 3.

To the extent that noise and disturbance or other pollution is not the unavoidable consequence of WUC constructing and completing the Works or performing the Contract, the Contractor shall indemnify the Principal, Superintendent and Superintendent's Representative for and against any liability for

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RTI Document No. 17

damages on that account and against all claims demands proceedings damages costs charges and expenses incurred.

The Principal shall indemnify the Contractor, Superintendent and Superintendent's representative from and against any liability for damages on account of noise and disturbance or other pollution which is the unavoidable consequence of carrying out WUC and from and against all claims demands proceedings damages costs charges and expenses whatsoever in regard or in relation to such liability.

15 DAMAGE TO PERSONS AND PROPERTY OTHER THAN THE WORKS

15.1 Indemnity by Contractor

Delete paragraph (d)

(d) ~~damage which is the unavoidable result of the construction of *the Works* in accordance with the *Contract*; and~~

15.2 Indemnity by the Principal

The *Principal* shall indemnify the *Contractor* in respect of ~~damage referred to in paragraph (d) of subclause 16.1 and~~ claims referred to in paragraph e) of subclause 15.1.

25.1 Scope

Amend lines 3 to 7.

(a) *Latent conditions* are physical conditions on the *site* or its near surrounds, including artificial things but excluding weather conditions, which differ materially **and substantially** from ~~the~~ **those** physical conditions which should reasonably have been anticipated by a **competent** and experienced ***Contractor*** at the time of the *Contractor's* tender if the *Contractor* had inspected;

(b)

25.2 Notification

Amend paragraph a)

(a) The *latent condition* encountered and the respects in which it differs materially **and substantially**;

25.4 Late notification

Add the following paragraph.

The Contractor is not entitled to any payment for additional work, resources, time and costs relating to a latent condition unless the Contractor's notice in accordance with clause 25.2 is given within 5 days of the Contractor becoming aware of the latent condition."

28 MATERIALS, LABOUR AND CONSTRUCTION PLANT

Add the following paragraphs.

The Contractor shall, upon request by the Superintendent, notify the Superintendent in writing of the name and address of the owner of any construction plant used on the WUC at the site and held by the Contractor under an agreement with the owner. The Principal may, in order to avoid seizure by the

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RTI Document No. 18

owner of such construction plant, pay to the owner the amount of any overdue instalment or other sums payable under the agreement. In the event of his doing so he may recover the amount as a debt due from the Contractor.

The Contractor shall ensure that all warranty entitlements arising from the works include the Principal and the Contractor as named beneficiaries. Such warranties shall be in a form approved by the Superintendent and shall be submitted to the Superintendent prior to the issue of the final payment certificate.

29.3 Defective Work

Add the following paragraph:

The Contractor shall not be entitled to rely upon any inspections or tests carried out for their own purposes by the Principal or Superintendent.

34 TIME AND PROGRESS

34.3 Claim

Amend paragraph b)

The *Contractor* gives the *Superintendent*, within ~~28~~ **14** days of when the *Contractor* should reasonably have become aware of that causation occurring, a written claim for an *EOT* evidencing the facts of causation and of the delay to *WUC* (including extent).

Add new paragraph:

The Contractor shall not be entitled to any payment arising from the granting of an extension of time over and above any payment to which he is entitled under the Contract for the event that has caused such extension of time.

34.5 Extension of Time

Amend as follows.

Within ~~28~~ **14** days after receiving the *Contractor's* claim for an *EOT*, the *Superintendent* shall give to the *Contractor* and the *Principal* a written direction evidencing the *EOT* so assessed. If the *Superintendent* does not do so, there shall be a deemed assessment and *direction* for an *EOT* as claimed.

Notwithstanding that the *Contractor* is not entitled to or has not claimed an EOT, the *Superintendent* may at any time and from time to time before issuing the *final certificate* direct an *EOT* **and there shall be no payment to the Contractor because of granting of such extension of time.**

34.9 Delay Damages

Amend by adding new paragraph:

Under no circumstances shall payment for such delays or disruption exceed the rate agreed upon elsewhere in the Contract.

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RTI Document No. 19

34.10 Latent Conditions

Add the following paragraph:

The Contractor is not entitled to an extension of time for any delay which relates to a latent condition where the Contractor has not given notice to the Superintendent within 5 days of the Contractor becoming aware of the Latent condition.

37.2 Certificates

Amend paragraph 4 as follows;

The *Principal* shall within **14** ~~7~~ days after receiving both such certificates, or within **28** ~~21~~ days after the *Superintendent* receives the progress claim, pay to the *Contractor* the balance of the *progress certificate* after deducting retention moneys and setting off such of the certificate in paragraph (b) as the *Principal* elects to set off. If that setting off produces a negative balance, the *Contractor* shall pay that balance to the *Principal* within 7 days of receiving written notice thereof.

37 PAYMENT

Amended by inserting the following paragraph to follow line 14-

"The certificates referred to in paragraphs (a) and (b) may be incorporated into one certificate".

37.4 Final Payment Claim and Certificate

Amend paragraph 3 as follows;

Those moneys certified as due and payable shall be paid by the *Principal* or the *Contractor*, as the case may be, within **14** ~~7~~ days after the debtor receives the *final certificate*.

41 NOTIFICATION OF CLAIMS

Amended Clause 39 by adding the following clause:

Clause 41.2 does not apply where the Contractor fails to give notice of a latent condition within 5 days of the Contractor becoming aware of a latent condition.

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RTI Document No. 20

NaF Preparation - Dosing System
Capacity calculation sheet

ProMinent Fluid Controls Pty Ltd
A.B.N. 83 080 688 795

			Q'ld Ref:	B7553	
le:	04	***A/c No:***	6348	***Date:*** 9/03/2013	3:29 PM
erson:	Peter	Phone:			
		Contact:			

Invoice Address	Flinders Shire Councils			
	P O Box 274			
	HUGHENDEN	State:	QLD	Post Code: 4821
b Description	Flinders SC Hughenden - Fluoridation Water Inflow 1 - 4 bores = 16 - 70 l/s Note: 70 l/s equates to peak plant flow of 6.048 Ml/day peak instantaneous flow			

Minimum Plant Flow = 1.38 Ml/day **Peak Instantaneous Plant Flow =** 6.048 Ml/day

Water Flow:	57500 l / hr.		252000 l / hr.
Pressure:	bar		bar
Chemical to be Dosed:	NaF	***Chemical to be Dosed:***	NaF
Chemical Dose required:	0.7 ppm	***Chemical Dose required:***	0.7 ppm
Chemical Concentration:	44 %	***Chemical Concentration:***	44 %
Chemical Volume Consumed @ Maximum Plant Flow	0.091 kg/hr	***Chemical Volume Consumed @ Current Average Plant Flow***	0.401 kg/hr

NaF Volume/day =	2.20	kg/day		9.62	kg/day
Number of 25 kg bags / day =	0.09			0.38	
Number of 5 kg bottles/day =	0.44			1.92	
3 Day Powder Usage =	6.59	Kgs		28.87	Kgs
7 Day Powder Usage =	15.37	Kgs		67.35	Kgs
Standard Saturator Working Volume =	500	Litres	"Note Suggested Construction Size"	1000	Litres
Solution Pump Rate =	2.3	l/hr		10.0	l/hr
NaF Powder Required for Minimum Saturation Depth (150mm) =	100.5	Kgs		172.1	Kgs
NaF Powder Required for each additional 100mm operating depth =	67	Kgs		114.7	Kgs

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RTI Document No. 21

FLUORIDE TESTING

DATE	TIME	ONLINE ANALYSER READING	1st GRAB SAMPLE (near online analyser)	2nd GRAB SAMPLE TOWN RETIC (tap on the inside sink)	3rd GRAB SAMPLE (tap outside building).	COMMENTS
08/02/14	0800h	0.64 mg/L	0.662 mg/L	0.189 mg/L		
11/02/14	1347h	0.66 mg/L	0.659 mg/L			
12/02/14	0630h	0.68 mg/L	0.7 mg/L	0.175 mg/L		
13/02/14	0600h	0.68 mg/L	0.711 mg/L	0.499 mg/L		
13/02/14	1430h	0.68 mg/L	0.76 mg/L	0.655 mg/L		
14/02/14	0600h	0.65 mg/L		0.712 mg/L		Reservoir full
14/02/14	1500h	0.68 mg/L	0.763 mg/L	0.679 mg/L		
15/02/14	0700h	0.68 mg/L		0.722 mg/L	0.664 mg/L	Reservoir full
15/2/14	1039h	0.67 mg/L	0.747 mg/L	0.723 mg/L	0.732 mg/L	
16/2/14	8:00am	0.66 mg/L	0.740 mg/L	0.734 mg/L	0.684 mg/L	
17/2/14.	6:15am.	0.66 mg/L	0.735 mg/L	0.700 mg/L	0.696 mg/L	
18/2/14	7:01am	0.66 mg/L	0.732 mg/L	0.805 mg/L	0.677 mg/L	
19/2/14	7:00am	0.66 mg/L	0.734 mg/L	0.700 mg/L	0.697 mg/L	
20/2/14	6:30am.	0.72 mg/L	0.763 mg/L	0.691 mg/L	0.684 mg/L	
21/2/14	6.45am	0.71 mg/L		0.690 mg/L	0.662 mg/L	
22/2/14	7:00	0.69 mg/L	0.742.	0.684	0.678	
23/2/14.	7:00	0.66 mg/L	0.731	0.712	0.704	

* Which has now to undergo Fluoridation

DSDPE RTI Release

FLUORIDE TESTING

DATE	TIME	ONLINE ANALYSER READING	1st GRAB SAMPLE (near online analyser)	2nd GRAB SAMPLE TOWN RETIC (tap on the inside sink)	3rd GRAB SAMPLE (tap outside building).	COMMENTS
24/2/14	7 00	.66.	.898	.982.		
Turned on at 6:00 on the 10/4/14. (full time)					Continuous Fluoridation	
10/4/14.	8.23	.77	.823	.490	.497	
11/4/14	6:00 am	.76	.814	.168	.588	
12/4/14	7:00 am	.76	.818	.620	.681	
13/4/14	7:00 am	.76	.823	.624	.706	
14/4/14	6:30 am	.76	.828	.650	.766.	
15/4/14	9:00 am	.76	.814	.778	.825	
16/4/14	7 30 am	.77	.79	.765	.816	
17/4/14	7 am	.77	.778	.755	.797	
18/4/14	8:00.	.77.	.79.	.760	.800.	
19/4/14	8:00	.78.	853.	.780	.808.	
20/4/14	8:00.	.78	.853	.780	.814	
21/4/14	8:00	.78	.853	.780	.814	
22/4/14	6:30	.781	.856	.748	.752	

DSDP- RTI Release

FLUORIDE TESTING

DATE	TIME	ONLINE ANALYSER READING	1st GRAB SAMPLE (near online analyser)	2nd GRAB SAMPLE TOWN RETIC (tap on the inside sink)	3rd GRAB SAMPLE (tap outside building).	COMMENTS
23/4/14	8:00am	.78	.856	.748	.752	
24/4/14.	8:00am	.78.	.850	.746	.750	
25/4/14	0905h	0.79	0.798	0.744	0.769	
26/4/14	1600h	0.780	0 771	0.781	0.86	
27/4/14	1018h	0.79	0.826	0.765	0.808	
28/4/14	14 57	0.80	0 791	0.766	0.767	
29/4/14.	6:00	0.79.	0.799	0.764	0.770	
30/4/14	6:00	.78	.816.	.784	.762.	
1/5/14	6:00	.78	.810	.785	.767	
2/5/14	6:00	.78	.812	.780	.764	
3/5/14	6:00	.78	.800	.774	.751	
4/5/14	6:00	.78	.804	.781	.760	
5/5/14	6:00	.80.	.812	.804	.800	
6/5/14	6:00	.79	.800	.780	.779	
7/5/14	6:00	.80	.798	.787	.784	
8/5/14	6:00	.78	.799.	.791	.788	

DPIP RTI Release

FLUORIDE TESTING

DATE	TIME	ONLINE ANALYSER READING	1st GRAB SAMPLE (near online analyser)	2nd GRAB SAMPLE TOWN RETIC (tap on the inside sink)	3rd GRAB SAMPLE (tap outside building).	COMMENTS
9/5/14	6 00	.77	.790	.786.	.780	
10/5/14	6:00	.76	.760	.752	.741	
11/5/14	6:00	.76.	.758	.750	.740.	
12/5/14	6:00	.78	.760	.759	.748.	
14/5/14	6 00	.74	.773	751	.765	
15/5/15	6 00	.77	.768	.761	.757	
16/5/15	6 00	.76	.799	.774	.740	
19/5/14	6:00	.76	.672	.780	.760	
20/5/14	6:00	.78	.672	.781	.760	Dosed Plant 8 bags of Fluoride
21/5/14	7.00	.74	.681	.761	.760	
22/5/14.	6 00	.74.	.772	.740	.736	
23/5/14	6 00	.78	.824	.734	.733	
24/5/14	600	.78	.826	.742	.737	
25/5/14	600	.75	.824	.734	.733	
26/5/14	600	.78	.820	.771	.777	
27/5/14	600	.78	.824	.769	.772.	

DSDIP - RTI Release

FLUORIDE TESTING

DATE	TIME	ONLINE ANALYSER READING	1st GRAB SAMPLE (near online analyser)	2nd GRAB SAMPLE TOWN RETIC (tap on the inside sink)	3rd GRAB SAMPLE (tap outside building).	COMMENTS
28/5/14.	600	.76	.800	.762	.754	
29/5/14	600	.77	.803	.760	.762	
30/5/14	600	.78	.822	.781	.760	
31/5/14.	600	.76	.815	.794	.746	
1/6/14	600	.76	.826	.782	.764.	
2/6/14	600	.65	.785	.766	.713	
3/6/14	600	.75	.816	.780	.757	
4/6/14	600	.79.	.845	.762	.740	
5/6/14	600	.76	.792	.764	.762	
6/6/14	600	.75	.796	.776	.754.	

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Queensland Government

Forensic and Scientific Services
HSSA | Health Services Support Agency

CERTIFICATE OF ANALYSIS

CLIENT : (HEHTN)

Environmental Health - Townsville
Townsville Public Health Unit
Locked Bag 4016
TOWNSVILLE QLD 4810

ATTN: M Keating

Flinders Shire Council
18 MAR 2014
RECEIVED
Doc No.
Retention Batch

Laboratory Reference : SSP0039448
Client Order No. : Keating_M
Date Received : 27-Feb-2014
Laboratory Number : 14NA5254
Batch No : 633-33

Client Reference : 3
Date Sampled : 26-Feb-2014
Sample Point : Flouride Plant
Sample Source : Tap
Owner : Mel Keating

Submitting Authority : Flinders Shire Council
Reason for Analysis : Human Consumption
Water Treatment : Treated

Method		Units	Result	Guidelines ** Health	Guidelines ** Aesthetic
18320	Conductivity @ 25°C	µs/cm	1020		
18226	pH	at 23°C	8.33	6.5 - 8.5	
18209	Total Hardness*	mg $CaCO_3$/L	12		200
18209	Temporary Hardness*	mg $CaCO_3$/L	12		
18208	Alkalinity*	mg $CaCO_3$/L	195		
18209	Residual Alkalinity*	meq/L	3.7		
18195	Silica	mg/L	15		80
18209	Total Dissolved Ions*	mg/L	669		
18209	Total Dissolved Solids*	mg/L	567		600
18206	True Colour	Hazen	<1		15
18212	Turbidity	NTU	<1		5
18209	pH Sat.* (calc. for $CaCO_3$)		8.6		
18209	Saturation Index*		-0.2		
18209	Mole Ratio*		1.8		
18209	Sodium Absorpt. Ratio*		26		
18209	Figure of Merit Ratio*		0.0		

Method		Units	Result	Guidelines ** Health	Guidelines ** Aesthetic
	CATIONS				
18195	Sodium	mg/L	206		180
18195	Potassium	mg/L	2.0		
18195	Calcium	mg/L	3.7		
18195	Magnesium	mg/L	0.7		
18209	Hydrogen*	mg/L	0.0		
	ANIONS				
18209	Bicarbonate*	mg/L	231		
18209	Carbonate*	mg/L	3.2		
18209	Hydroxide*	mg/L	0.0		
18204	Chloride	mg/L	110		250
18204	Fluoride	mg/L	0.24	1.5	
18204	Nitrate	mg/L	< 1	50	
18204	Sulphate	mg/L	113	500	250
	OTHER DISSOLVED ELEMENTS				
18195	Iron	mg/L	<0.01		0.3
18195	Manganese	mg/L	0.01	0.5	0.1
18195	Zinc	mg/L	<0.01		3
18195	Aluminium	mg/L	<0.05		0.2
18195	Boron	mg/L	0.07	4	
18195	Copper	mg/L	0.04	2	1

Notes: * parameter is derived from calculation.
** Australian Drinking Water Guidelines 2011 (ADWG) Health and Aesthetic Values
'-' not determined

Lab use Only: TE 1700.00 TC 9.25 TA 9.34 Imb 0.09 A WC 0.54

Please note that the concentration of total elements present may be higher than that of dissolved elements stated in this report.
The water does not comply with the Australian Drinking Water Guidelines 2011 for Sodium.

NATA Accredited Laboratory 41 Accredited for compliance with ISO/IEC 17025.

Sch. 4(4)(6)

Tatiana Komarova
Chemist, Inorganic Chemistry
11-Mar-2014

14NA5254

This report overrides all previous reports. The results relate solely to the sample/s as received and are limited to the specific tests undertaken as listed on the report. The results on this report are confidential and are not to be used or disclosed to any other person or used for any other purpose, whether directly or indirectly, unless that use is disclosed or the purpose is expressly authorised in writing by Queensland Health and the named recipient on this report. To the fullest extent permitted by law, Queensland Health will not be liable for any loss or claim (including legal costs calculated on an indemnity basis which arise because of (a) problems related to the merchantability, fitness or quality of the sample/s, or (b) any negligent or unlawful act or omissions by Queensland Health that is connected with any activities or services provided by Queensland Health under this agreement (including the timing and/or method under which the sample/s were taken, stored or transported).

Enquiries Tatiana Komarova
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39 Kessels Road
Coopers Plains QLD 4108
AUSTRALIA
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Archerfield QLD 4108
AUSTRALIA
Phone (+61 7) 3274 9111
Fax (+61 7) 3000 9628
Email FSS@health.qld.gov.au

RTI Document No. 27

Flinders Shire Council
Work Order - General Ledger
Transaction Listing
Posting Year: [redacted]

Posting Period: **1 to 12**
Start Work Order: **1651** Start Master Acc: **0**
End Work Order: **1651** End Master Acc: **999999**

Master/Sub Acc	Description	
19175	Water Network - WIP	
19175.8405	Work In Progress	
Work Order	*Description*	*Total Expn.*
1651	Hughenden Water Flouridation Project	
GL Activity	Contractors	100,505.10
Total Sub Account 8405		100,505.10
Total Master Account 19175		**100,505.10**
GRAND TOTAL		**100,505.10**

DSDIP - RTI Release

RTI Document No. 28

Flinders Shire Council
Work Order - General Ledger Transaction Listing
Posting Year: 2014

Posting Period: **1 to 12**
Start Work Order: **1651** Start Master Acc: **0**
End Work Order: **1651** End Master Acc: **999999**

Master/Sub Acc	Description	
19175	Water Network - WIP	
19175.8405	Work In Progress	
Work Order	*Description*	*Total Expen-*
1651	Hughenden Water Flouridation Project	
GL Activity	Contractors	1,363,444.08
GL Activity	Other External Services	229.54
Total Sub Account 8405		1,363,673.62
Total Master Account 19175		**1,363,673.62**
GRAND TOTAL		**1,363,673.62**

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RTI Document No. 29

DSDR - RTI Release

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SITE COMMISSIONING TEST SHEET

Client: Auzscot Civil	**Project:** Flinders RC Hughenden Fluoridation	**Sheet No.** B7553-COM-001
Client Ref:	**ProMinent Ref:** B7553 – FSR Q5386	
Prepared by: Jeff Duncker	**Date:** 28/03/2014	
System Description: Hughendon 1000L Fluoride Saturator and Dosing System		
R: Review **I:** Inspection **T:** Test		

No.	Activity	Acceptance Criteria	Inspection by Sign	Documents/Notes
1.	Visual inspection of hydraulic / pneumatic installation	• Is equipment in suitable positions within the building. • Is pipework satisfactory and straight. • Is service water connected to saturator and vent tank. • Chemical overflows & drains connected to sewer or retention pit. • Is overflow from softener connected to drain. • Is dosing line connected to injection point. • Is vacuum exhaust connected to vent tank.	Sch. 4(4)(6)	- Softener regen/ backwash to sewer - Saturator overflow to floor/bund - Bund - No Separate Drain - Bund level switch fitted to base of pump Skid

DSDIP RTI Release

RTI Document No. 31

No.	Activity	Acceptance Criteria	Inspection by Sign /	Documents/Notes
	Visual inspection of hydraulic /pneumatic installation (continued)	• Are pneumatic lines connected correctly. • Is Fluoride Analyser installed correctly.	Sch. 4(4)(6)	60 LpH maric valve fitted to inlet of sample water Housing
2.	Visual inspection of electrical installation	• Check supply voltage to main switch and links. • Clear water flow switch connected. • Clear water flow meter connected. • Drop valve reed switch connected. • Tank high level switch connected. • Remote vacuum transfer switch connected.		Vacuum transfer switch is located on main panel

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RTI Document No. 32

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No.	Activity	Acceptance Criteria	Inspection by Sign	Documents/Notes
3.	Flow details from plant operator	• Clear water magflow meter upper scale ie. flow at 20mA = • Maximum plant flow L/sec = • Maximum plant flow mA = • Plant flow max + 10% L/sec = • Plant flow max + 10% mA = **NOTE:** It is allowed to set the system up to 10% over the max plant flow. If the system cannot achieve an increase then maximum plant is to be used for calculation (item 7)	Sch. 4(4)(6)	70.LPS 56. LPS 16.8.mA 61.6.LPS 17.9.mA Ran the 4 clear water Bore pumps and this delivered 51.5 LpH . As advised by Des (PPS) that one pump is running 4-5 LpH under capacity – Max flow = 56Lps
4.	Fill tank with filter bed media	• 160mm course gravel (10 bags) • 90mm medium gravel (8 bags) • Total (250mm) • Flush all fines & dust from media.		

DSDIP-RTI Release
RTI Document No. 33

No.	Activity	Acceptance Criteria	Inspection by Sign	Documents/Notes
5.	High Level Switch	Check operation is at correct level.	Sch. 4(4)(6)	
6.	Float Valve	Check operation is at correct level.		
7.	Calculation for LPH required from dosing pump at maximum plant flow.	Max plant flow (LPS) + 10% x 3600 / 1,000,000 / 0.44 / 0.04 x (required PPM – background PPM) = LPH required by dosing pump at max plant flow + 10%		Natural Fluoride 0.14ppm Required level 0.70ppm 7.76.LPH
8.	Pulsation Dampener	Set charge pressure to 60% of system dosing back pressure.		1.5.bar
9.	Pressure Loading Valve	Set pressure loading valve to 2 bar back pressure.		

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RTI Document No. 34

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No.	Activity	Acceptance Criteria	Inspection by Sign	Documents/Notes
10.	Dosing Pump	• Pump Type	Sch. 4(4)(6)	Type: DELTA
		• Pump Model		Model: DLTA1612PVT2010UC1031EN0
		• Serial No.		Serial No:3713072677A71693
		• Set stroke length to 90%		
		• Set mode to ANALOGUE		
		• Calibrate pump with plant running to give correct backpressure		

		• Analogue curve linear
		  • I1 = 4mA @ 0LPH
		  • F2 = 0 LPH
		  • I2 = mA @ max plant flow
		  • F2 = Dose rate at max plant flow.
		  • Linear error switch on
				Record mA @ max plant flow 17.9.mA
				Record flow @ max plant flow 7.76.LPH
				Strokes per hour 8110

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RTI Document No. 35

No.	Activity	Acceptance Criteria	Inspection by Sign	Documents/Notes
14.	Calibrate Fluoride Analyser	Calibrate fluoride analyser using buffer solutions.	Sch. 4(4)(6)	
15.	Check all warning alarms	**Warning Alarms** ▫ Pneumatic system pressure low ▫ Saturator tank high level. ▫ Vacuum blower fault		
16.	Check all critical shutdown alarms	**Shut Down Alarms** ▫ Saturator tank low level. ▫ Clear water low flow fault. ▫ Dose pump field failure. ▫ Fluoride level high >1.1ppm. ▫ Fluoride analyser common alarm. ▫ Main panel E Stop latched.		Analyser High level limit relay wired to remote 2 to Stop system if over upper limit set at 1.1ppm

DSDIP RTI Release
RTI Document No. 36

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No.	Activity	Acceptance Criteria	Inspection by Sign	Documents/Notes
17.	Check Vacuum Loader	• Check all pneumatic connections. • Start air compressor – should cut out at 6 – 7 bar. • Set pressure regulator in pneumatic panel to 6 bar. • Reset low air pressure fault. • Switch on vac loader. • Allow to cycle a few times without powder. • Check wand isolation valve opens and closes. • Vac motor should cycle for 45 – 60 seconds, check vacuum relief valve is not opening under suction. • Drop valve should open for 5 seconds and wand isolator should close. • Check reed switch on drop valve activates when drop valve closes. • Purge solenoid valve should open twice, check no air escapes from suction wand during purge cycle.	Sch. 4(4)(6)	

DSDIP RTI Release

RTI Document No. 37

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Pr◦Minent

No.	Activity	Acceptance Criteria	Inspection by Sign	Documents/Notes
18.	Lower Tank Level	Lower saturator tank level to just above the start fill point to enable room for adding powder.	Sch. 4(4)(6)	
19.	Have operator load fluoride into saturator via vacuum loader	◦ All PPE must be worn. • Time and document time taken to load 1 bag. ◦ Check for any powder leaks. ◦ Record cycles taken to load 1 bag • Training of Operators		5 Min.Time to load 1 bag. 4.Cycles req'd to load 1 bag. Trained operators on operation of fluoride dosing system, bench test fluoride meter, and wall mounted analyser. Had operators load fluoride and operate bench test fluoride meter. Attended by: Wayne Brebner Glen McIntosh 3 Operators

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RTI Document No. 38

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NOTES:	No external fluoride labels / signs on building Council are organizing "Loading in progress" sign for dosing room
When left site there was an Issue with the Flow switch in the Clear water line and the system will not run until flow switch is fixed – Check on the Monday and the Flow switch is now working Council to monitor. (Not supplied by ProMinent) – System is working and dosing Fluoride and tests are good.	

ProMinent Representative

Signature Sch. 4(4)(6)

Name Jeff Duncker

Date 10-2-2014

Client Representative

Signature

Name

Date

DSDIP - RTI Release

RTI Document No. 39

ST:LB

3 July 2013

Adrian Tersigni
Auzscot Civil
PO Box 337
BELGIAN GARDENS Q 4810

Dear Sir

LETTER OF ACCEPTANCE
CONTRACT No. 102.2013.2 – HUGHENDEN FLUORIDATION

On behalf of the Flinders Shire Council, we advise that your Tender for Contract No. 102.2013.2 – Hughenden Fluoridation has been accepted.

The Contract Sum of the accepted Tender is $1,275,941.00 (excluding GST) as per the following:

- Original Tender dated 20 March 2013 = $1,455,941.00 (excluding GST)
- Less amendments (as listed in Table 1 below) = -$180,000.00 (excluding GST)
- **REVISED CONTRACT SUM = $1,275,941.00 (excluding GST)**

Table 1 – Agreed Amendments as per Post Tender Correspondence

Item	Description	Original Cost (excl. GST)	Amended Cost (excl. GST)	Amendment (excl. GST)
1.3.2	Job Set-out	$9,500.00	$4,500.00	-$5,000.00
1.4.2	Preparation of 'As Constructed' Drawings	$13,400.00	$3,594.00	-$9,806.00
2.2.1	Supply and installation of 25kg Sodium Fluoride Proprietary System including all Dosing and Control Equipment	$282,552.00	$153,358.00	-$129,194.00
4.1.1	Supply and installation of Booster Pumpset including associated Support Frame, Control Panel, Valves, Pumps, Manifolds, Pressure Tank Complete	$145,000.00	$109,000.00	-$36,000.00
			TOTAL	**-$180,000.00**

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The Date for Practical Completion of this contract shall be 1 January 2014, 26 weeks after the issue of the Letter of Acceptance.

The Superintendent for this Contract is the Flinders Shire Council and Mr Stephen Turner has been nominated as the Superintendent's Representative with the following delegated functions:

- Administration of the Contract
- Resolution of technical matters, and
- Liaison with the Principal and Contractor.

Please forward your security deposit in the form of two Bank Guarantees each to the sum of $70,176.76 (5% of Contract Sum inclusive of GST) within 28 days of the letter of acceptance to the Superintendent's Representative.

Please also submit to the Superintendent's Representative, evidence that the necessary insurances have been affected. These will include:

- Insurance of the Works, in accordance with Clause 16 (Alternative 1) of the General Conditions of Contract, including evidence that the insurance policy is in the joint names of the principal and the Contractor;
- Public Liability Insurance in accordance with Clause 17 (Alternative 1) of the General Conditions of Contract, including evidence that such insurance covers the Superintendent, Principal and others as required by the General Conditions of Contract; and
- Insurance of Employees in accordance with Clause 18 of the General Conditions of Contract.

Evidence that Insurance of the Works and Public Liability Insurance covers the Principal and others as required by the General Conditions of Contract is to be demonstrated. Possession of the site will be withheld until such evidence is furnished and has been found to conform to the requirements of the tender documents.

The following documents will comprise the Contract:

- The Formal Instrument of Agreement AS 4000-1997;
- This Letter of Acceptance;
- Post Tender Correspondence;
- Addendums;
- Conditions of Tendering for Contract No. 102.2013.2;
- Your Tender, dated 20 March 2013, including the tender information comprising:
    - Annexure to the General Conditions of Contract for Contract No. 102.2013.2:
        - Annexure Part A to AS 4000-1997;
        - Annexure Part B to AS 4000-1997;
    - Particular Conditions of Contract No. 102.2013.2;
    - Specification for Contract No. 102.2013.2; and
    - Drawings for Contract No. 102.2013.2.

As required by the Tender Documentation, the following must be submitted to the Superintendent's Representative within 14 days of the Letter of Acceptance:

- Your detailed Construction Program (including a Directional Drilling Plan), including a projected financial statement indicating the payments that you expect the Principal will need to make under the Contract.
- Your Environmental Management Plan
- Your Workplace Health and Safety Plan
- Your Traffic Management Plan

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- Your Inspection and Test Plan
- Your Project Quality Plan including organisation chart and contact details
- Evidence of required Insurances
- Evidence of notification of the required PLSL payment at least 48 hours prior to the commencement of work.

Note that possession of the site will be withheld until the above documents are submitted and found to conform to the requirements of the tender documents.

Prior to commencement of any works, a pre-start meeting shall be organised by the Superintendent. The pre-start meeting will take place at the offices of the Flinders Shire Council and is to be attended by the Superintendent, Contractor and representatives of the Principal.

Progress claims are to be submitted to the Superintendent's Representative by the third Monday of each month for approval. Note that a Statutory Declaration confirming payment to employees and subcontractors is required as part of your progress claim.

I am available to discuss this matter further as required.

Yours faithfully

Stephen Turner
DIRECTOR OF ENGINEERING

DSDIP - RTI Release

ProMinent Fluid Controls Pty Ltd

4/4 Narabang Way
BELROSE NSW 2085
PH 02 9450 0995 FAX 02 9450 0996

ProMinent®

CERTIFICATE OF COMPETENCE

This is to certify that

Wayne Brebner

Has successfully completed competence training
by
ProMinent Fluid Controls Pty Ltd
for
Flinders Shire Council
SO: 71693
PO: 13062750
Hughenden Fluoridation System

The following competencies have been met,

System Start Up
Loading Fluoride using the Vacuum Loader
System Shut Down
Calibration of the Dosing Pump
Calibration of the Inline Fluoride Analyser
Sample Testing using the Bench top Analyser
Softener Regeneration
Recording Daily Readings

Signed:	*Jeff Duncker*	Jeff Duncker
Date:	*10/04/2014*	Service Manager

DSDIP RTI Release

ProMinent Fluid Controls Pty Ltd

4/4 Narabang Way
BELROSE NSW 2085
PH 02 9450 0995 FAX 02 9450 0996

ProMinent®

CERTIFICATE OF COMPETENCE

This is to certify that

Kerryn Norman

Has successfully completed competence training
by
ProMinent Fluid Controls Pty Ltd
for
Flinders Shire Council
SO: 71693
PO: 13062750
Hughenden Fluoridation System

The following competencies have been met,

System Start Up
Loading Fluoride using the Vacuum Loader
System Shut Down
Calibration of the Dosing Pump
Calibration of the Inline Fluoride Analyser
Sample Testing using the Bench top Analyser
Softener Regeneration
Recording Daily Readings

Signed:	*Jeff Duncker*	Jeff Duncker
Date:	*10/04/2014*	Service Manager

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ProMinent Fluid Controls Pty Ltd

4/4 Narabang Way
BELROSE NSW 2085
PH 02 9450 0995 FAX 02 9450 0996

CERTIFICATE OF COMPETENCE

This is to certify that

Glen McIntosh

Has successfully completed competence training
by
ProMinent Fluid Controls Pty Ltd
for
Flinders Shire Council
SO: 71693
PO: 13062750
Hughenden Fluoridation System

The following competencies have been met,

System Start Up
Loading Fluoride using the Vacuum Loader
System Shut Down
Calibration of the Dosing Pump
Calibration of the Inline Fluoride Analyser
Sample Testing using the Bench top Analyser
Softener Regeneration
Recording Daily Readings

Signed:	*Jeff Duncker*	Jeff Duncker
Date:	*10/04/2014*	Service Manager

ProMinent®

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ProMinent Fluid Controls Pty Ltd

4/4 Narabang Way
BELROSE NSW 2085
PH 02 9450 0995 FAX 02 9450 0996

CERTIFICATE OF COMPETENCE

This is to certify that

Matthew Ashwell

Has successfully completed competence training
by
ProMinent Fluid Controls Pty Ltd
for
Flinders Shire Council
SO: 71693
PO: 13062750
Hughenden Fluoridation System

The following competencies have been met,

System Start Up
Loading Fluoride using the Vacuum Loader
System Shut Down
Calibration of the Dosing Pump
Calibration of the Inline Fluoride Analyser
Sample Testing using the Bench top Analyser
Softener Regeneration
Recording Daily Readings

Signed:	*Jeff Duncker*	Jeff Duncker
Date:	*10/04/2014*	Service Manager

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ProMinent Fluid Controls Pty Ltd.
A.B.N. 83 080 688 795

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TRAINING ATTENDANCE REGISTER

Client: Auzscot Civil	**Project:** Flinders RC Hughenden Fluoridation
Client Ref:	**ProMinent Ref:** B7553 – FSR Q5386
Prepared by: Jeff Duncker	**Date:** 7/02/2014
System Description: Hughendon 1000L Fluoride Saturator and Dosing System	

Date	Name	Signature
7-2-14	Wayne Brebner	Sch. 4(4)(6)
7-2-14	Glen McIntosh	
7-2-14	Matthew Ashwell	
7-2-14	Kerryn Norman	
7-2-14	Elia Pai Pai	

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RTI Document No. 47

Certificate of Practical Completion

HUGHENDEN CENTRALISED FLUORIDATION SCHEME

Contract No 102.2013.2 Issue date: 03/05/2014

Principal:	Flinders Shire Council
Contractor:	Auzscot Civil Australia, Arid to Oasis Solutions Pty., Ltd
Contract:	Hughenden Centralised Fluoridation Scheme

In accordance with the provisions of Clause 37 of the General Conditions of Contract, this is to certify that the work under the Contract 102.2013.2 reached Practical completion on 18 March 2014

The defects liability period of 52 weeks, subject to the provisions of Clause 37, is due to expire on 18th March 2015

Pursuant to Clause 37, minor emissions and minor defects as listed below are to be completed by 31 March 2014. If these omissions and/or defects are not completed by the specified date, a separate defects liability period may apply.

Minor Defects and Omissions that require Rectification are:

1. Submission of Form 16 being the Final Inspection of the Laboratory Building

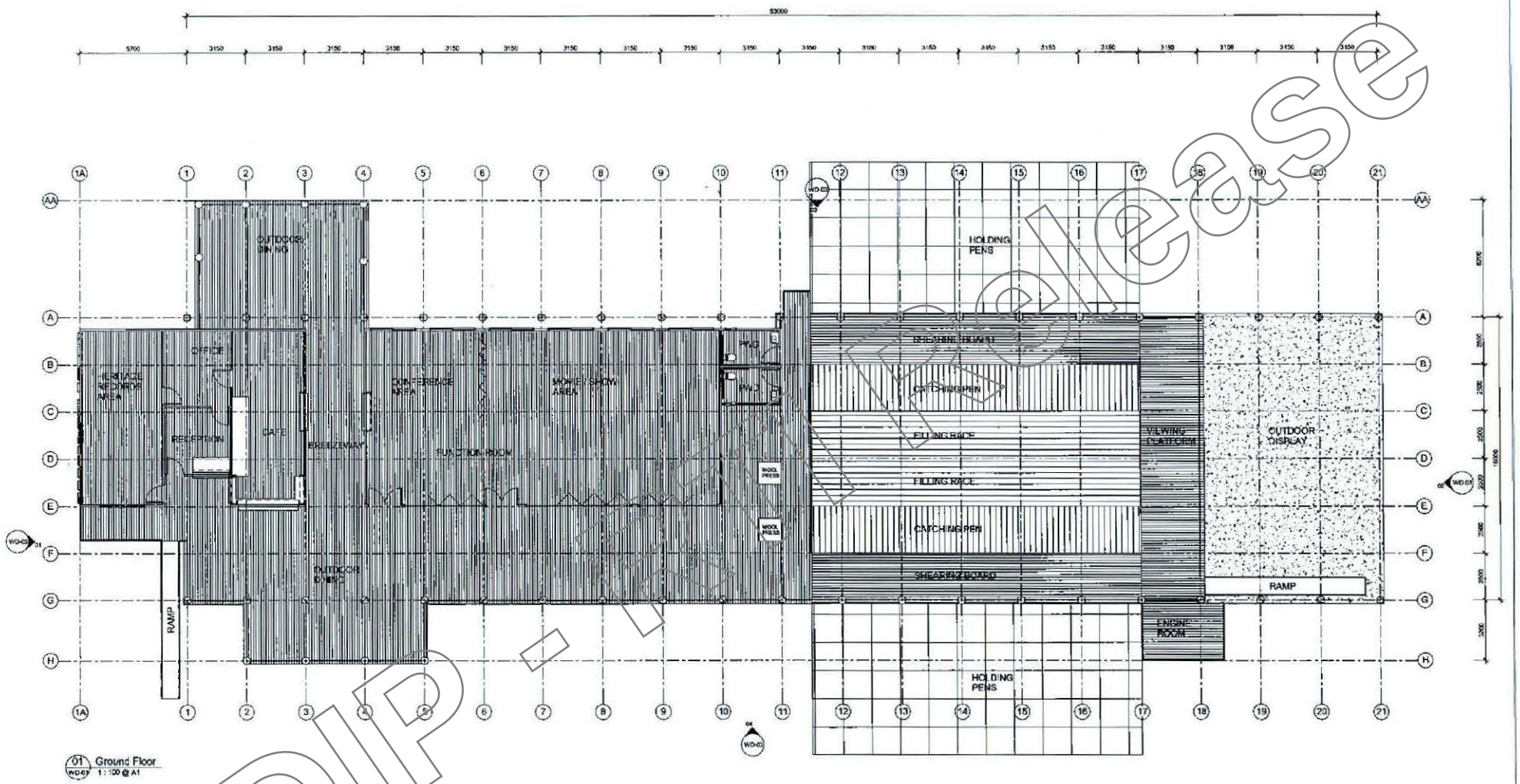
End of Defects and Omissions

Sch. 4(4)(6)

S.J.Turner R.P.E.Q.
Superintendent

DSDIP - RTI Release

RTI Document No. 48



01 Ground Floor
WD-03 1 : 100 @ A1

DSDIP - RTI Release

GENERAL NOTES 1. FIGURED DIMENSIONS TAKE PRECEDENCE ON PR SCALED DIMENSIONS 2. VERIFY ALL DIMENSIONS BEFORE COMMENCING ANY WORK	PROJECT CLIENT LOCATION	AFTON DOWNS WOOLSHED HUGHENDEN REGIONAL DEVELOPMEN PLAYFORD PARK	4 architecture FLINDERS STREET, TOWNSVILLE, NORTH QUEENSLAND T.M.C. BOX 5377, TOWNSVILLE 4810 Ph: 07 47 241 044 Fax: 07 47 241 913 E-MAIL: info@4architecture.com.au	Australian Institute of Architects green building council	COPYRIGHT THIS DRAWING REMAINS THE PROPERTY OF 4architecture PTY. LTD AND MUST NOT BE COPIED OR IN PRODUCTION IN ANY MANNER WITHOUT THE PRIOR APPROVAL OF THE AUTHOR	AMENDMENTS	DESIGNED JL DRAWN AJ DATE AUGUST 2012 SCALE A1 1 : 100 ISSUED 28/8/2012	FLOOR PLAN WD-02

RTI Document No. 49

SHIRE OF FLINDERS

MK:ST

P. 07 4741 2900 F. 07 4741 1741
PO Box 274 Hughenden Q 4821
34 Gray St, Hughenden Q 4821
flinders@flinders.qld.gov.au
www.flinders.qld.gov.au

To Whom it may concern,

I wish to confirm that the Hughenden Fluoride Treatment Plant has met the performance requirements of the Regulation for a period of not less than 14 consecutive operating days and continues to do so.

I would also like to confirm that the associated documentation for the facility is complete in all respects.

Regards

Sch. 4(4)(6)

Stephen Turner
Director of Engineering

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RTI Document No. 50

Final Subsidy Post-Commissioning Checklist

IPMG Infrastructure Project Management Group

SCHEME INFORMATION	
Name of Public Potable Water Supplier	FLINDERS SHIRE COUNCIL
Name of Scheme	HUGHENDEN

COMMISSIONING	Included
A commissioning plan was prepared that included the following:	
Treatment plant operational requirements *e.g. Whether high flow or low flow simulation will be required*	✓
Resources required *Including treatment plant operator attendance, key vendor representation*	✓
Training	✓
Risk assessment and contingency plans	✓
Operational Health and Safety Considerations	✓
Public interest consideration *e.g. Media, visits*	✓
Community communication	✓
Quality Assurance Program compliance	✓
Environmental impacts	✓
Acceptance testing requirements and acceptance criteria for the various components	✓
Details on how any variation in raw water fluoride levels during the commissioning process will be managed	✓
The commissioning activity included the following:	
Inspection and performance tests of all structures *Under actual operating conditions*	✓
Inspection and performance tests of all pipelines *Under actual operating conditions*	✓
Inspection and performance tests of all equipment, systems and processes *Under actual operating conditions, manual and automatic modes*	✓
Dry and wet testing	✓
Calibration of metering pumps and feeders	✓
Calibration of all instruments	✓
Testing and commissioning of electric, instrumentation and control systems	✓
Testing and commissioning of alarm annunciators, set points and other control systems	✓
Activation of alarms by inducing actual fault conditions *Including tests of the common failure modes for under-dosing and over-dosing*	✓

Note: Italicised text is provided only as guidance

DSDIP RTI Release

RTI Document No. 51

	Included
Function checks on interlocks and control systems	✓
The acceptance test specifications included:	
The conditions under which the tests are to be performed *e.g. high or low flow conditions*	✓
The proving period for each condition	✓
The acceptable test results	✓
What commissioning activities were to be repeated in the event of failures	✓

CERTIFICATION

I / We certify that:

- Commissioning has included all of the items in this completed checklist.
- The scope and detail of commissioning is sufficient to meet normally accepted requirements for the commissioning of similar facilities.

Certification by person responsible for water supply services e.g. Water Supply & Sewerage Engineer

Name	Stephen John Turner
Title	Director of Engineering
RPEQ Number	8406
Signature	Sch. 4(4)(6)
Date	10.6.14

Certification by Fluoridation Equipment Supplier

Name	
Title	
Signature	
Date	

PROMINENT.
STILL WAITING FOR THEIR SIGNATURE!

DSDIP - RTI Release

Note: Italicised text is provided only as guidance

RTI Document No. 52

Water Fluoridation Code of Practice
Compliance Statement

IPMG Infrastructure Project Management Group

SCHEME

Name of Public Potable Water Supplier	FLINDERS SHIRE COUNCIL

CERTIFICATION

I / We certify that:

- The design for the fluoridation facility meets the design requirements for the Water Fluoridation Code of Practice, including reasonable allowance for scenarios likely to be encountered during the lifetime of the facility;
- The facility has been constructed in accordance with the design to meet the requirements of the Water Fluoridation Code of Practice;
- The scope and extent of commissioning was sufficient to prove compliance with the Water Fluoridation Code of Practice, including reasonable allowance for scenarios likely to be encountered during the lifetime of the facility;
- Staff have received adequate training to ensure ongoing adequate operation and maintenance of the fluoridation facility in accordance with the Water Fluoridation Code of Practice;
- A monitoring programme has been established in accordance with the requirements of the Water Fluoridation Code of Practice, and the monitoring program demonstrates compliance with the performance requirements of the Water Fluoridation Code of Practice;
- Documentation and contingency plans have been established in accordance with requirements of the Water Fluoridation Code of Practice;
- Overall, the facility meets all the requirements of the Water Fluoridation Code of Practice, and it is reasonable to expect that it will continue to do so in the future.

Certification by person responsible for water supply services
e.g. Water Supply & Sewerage Engineer

Name	Stephen John Turner
Title	Director of Engineering
RPEQ Number	8406.
Signature	Sch. 4(4)(6)
Date	10.6.14.
Name	
Title	
Signature	
Date	

DSDIP RTI Release

RTI Document No. 53

PROJECT	DESCRIPTION	TASK	COST	NOTES
42/17389	Fluoridation			
GHD		Survey	11,500	
		Geotech Investigation	7821	
		design incl. FCDR	184273	
AUZSCOT CIVIL		Preliminaries	152008	
		Buildings	528893	
		Raw Water Pipeline	337240	
		Booster pump Station	223800	
		Gravel access to driveways	3000	
		Control Room fitout	15000	
		Internal lining	16000	
			1,479,535	

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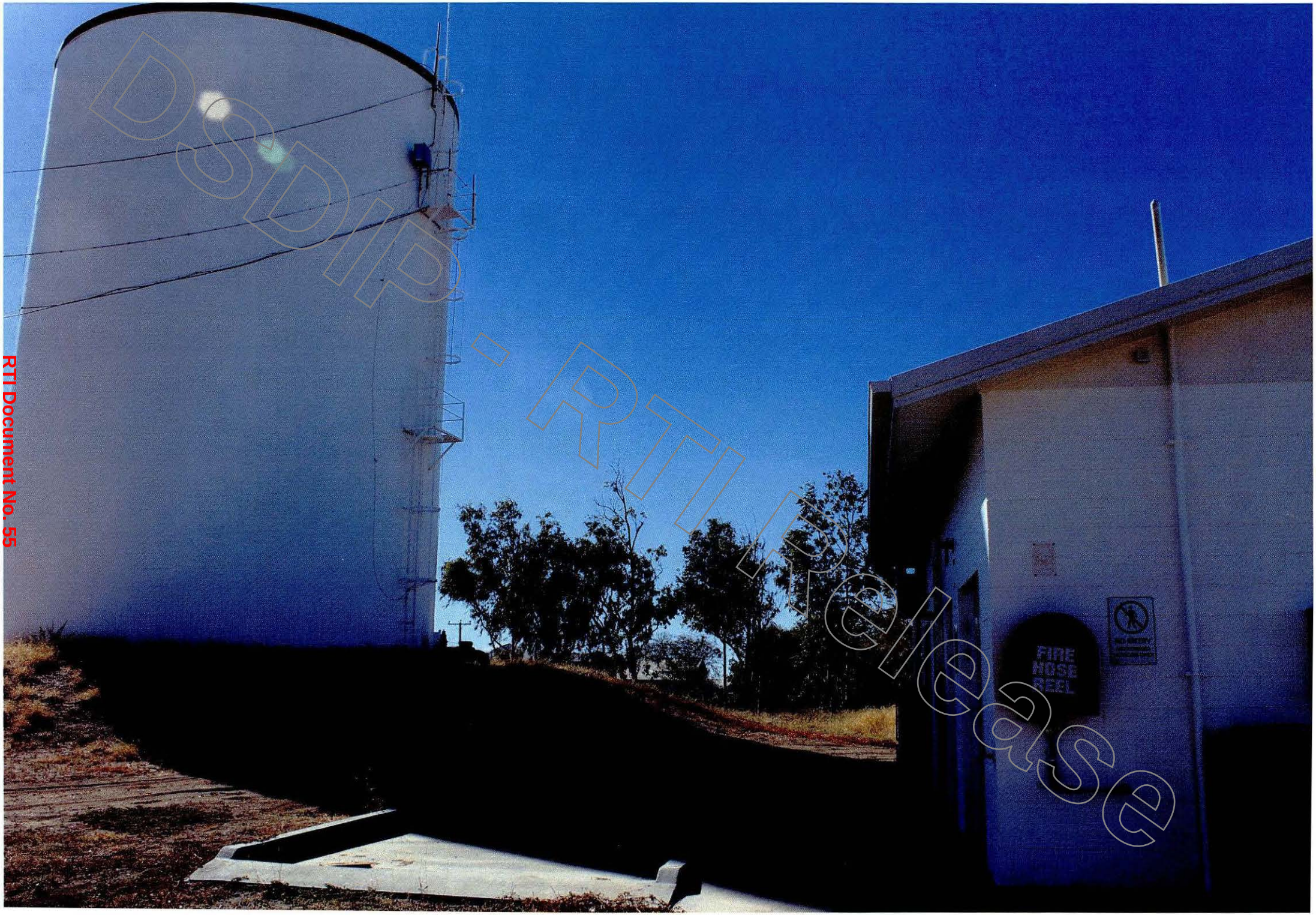
RTI Document No. 54



DSDP - RTI Release

RTI Document No. 55

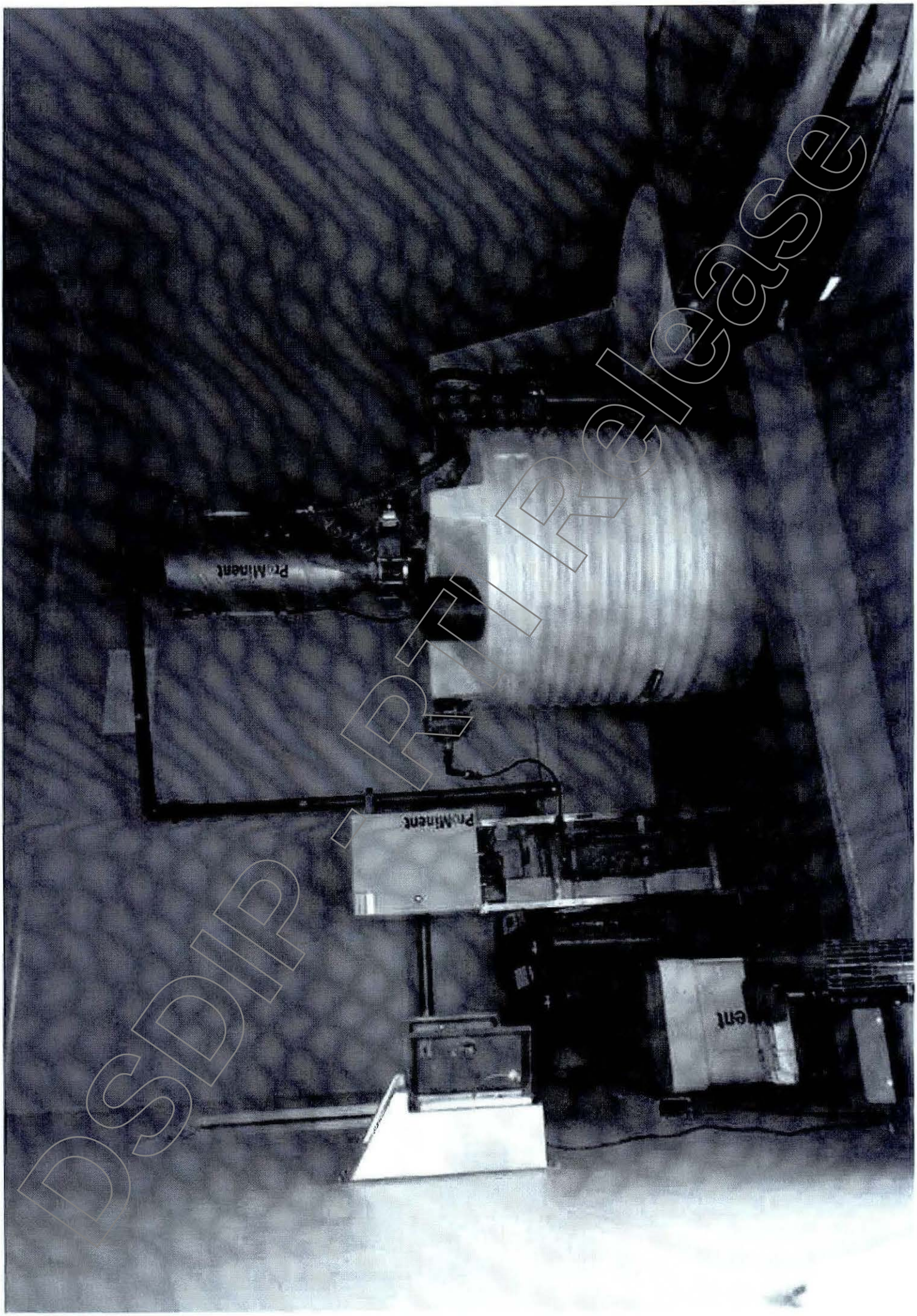
RTI Document No. 56

DSD RTI Release

RTI Document No. 57

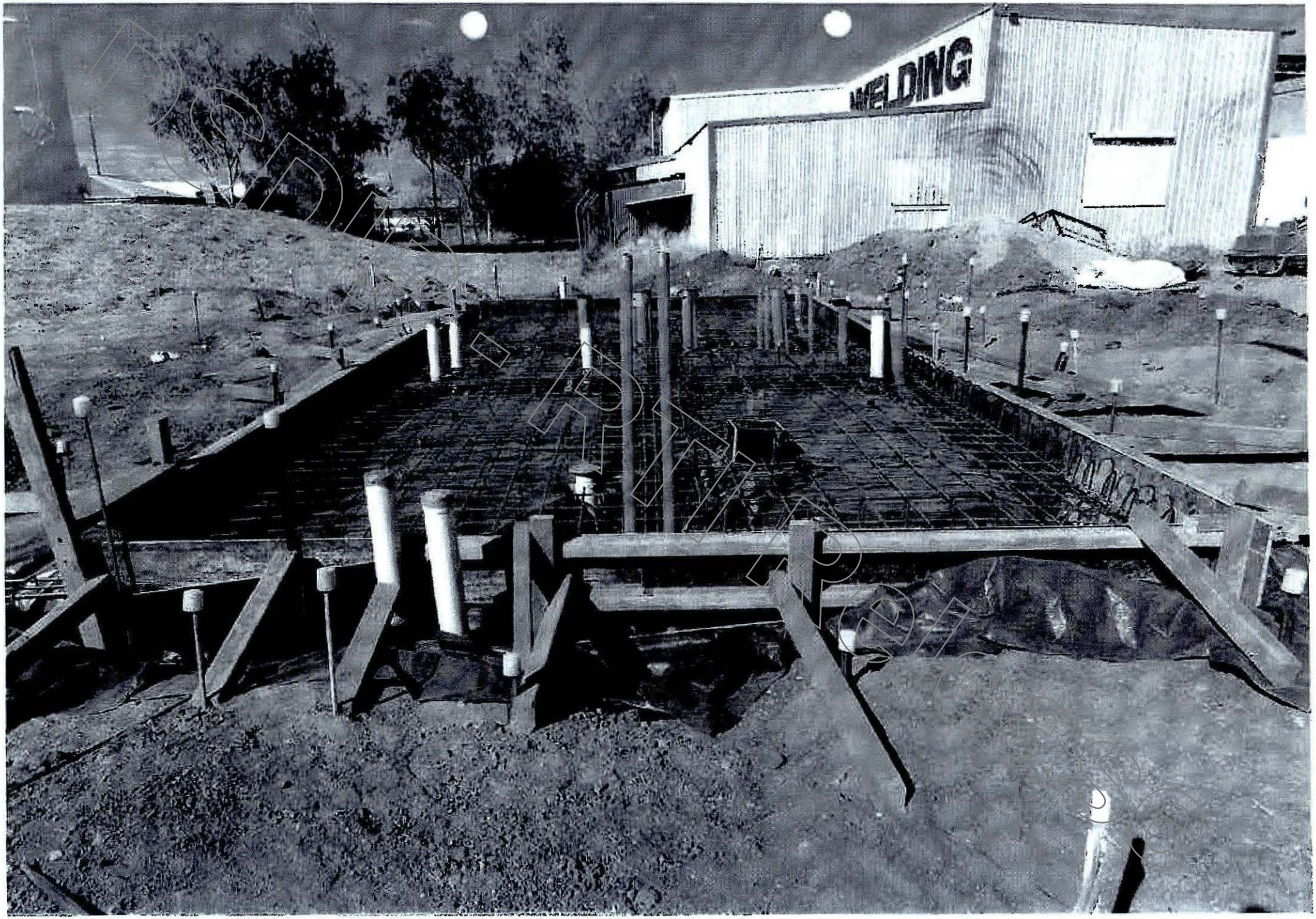
DSDIP - RTI Release

DSDIP - RTI Release



DSDIP RTI Release

DoPT - RTI Release



RTI Document No. 62

RTI Document No. 63

Final Subsidy Post-Commissioning Checklist

IPMG Infrastructure Project Management Group

SCHEME INFORMATION	
Name of Public Potable Water Supplier	FLINDERS SHIRE COUNCIL.
Name of Scheme	HUGHENDEN FLUORIDATION

COMMISSIONING	Included
A commissioning plan was prepared that included the following:	
Treatment plant operational requirements *e.g. whether high flow or low flow simulation will be required*	
Resources required *including treatment plant operator attendance, key vendor representation*	
Training	
Risk assessment and contingency plans	
Public interest consideration *e.g. Noise, visual*	
Community communication	
Quality Assurance Program compliance	
Environmental impacts	
Acceptance testing requirements and acceptance criteria for the various components	
Details on how any variation in raw water fluoride levels during the commissioning process will be managed	
The commissioning activity included the following:	
Inspection and performance tests of all structures *Under actual water operating conditions*	
Inspection and performance tests of all pipelines *Under actual operating conditions*	
Inspection and performance tests of all equipment, systems and processes *Under actual operating conditions in manual and automatic modes*	
Dry and wet testing	
Calibration of metering pumps and feeders	
Calibration of all instruments	
Testing and commissioning of electric, instrumentation and control systems	
Testing and commissioning of alarm annunciators, set points and other control systems	
Activation of alarms by inducing actual fault conditions *including tests of the common failure modes for under-dosing and over-dosing*	

DSDIP RTI Release

Note: Italicised text is provided only as guidance

RTI Document No. 64

	Included
Function checks on interlocks and control systems	
The acceptance test specifications included:	
The conditions under which the tests are to be performed *e.g. high or low flow conditions*	
The proving period for each condition	
The acceptable test results	
What commissioning activities were to be repeated in the event of failures	

CERTIFICATION

I / We certify that:

- Commissioning has included all of the items in this completed checklist.
- The scope and detail of commissioning is sufficient to meet normally accepted requirements for the commissioning of similar facilities.

Name	
Title	
RPEQ Number	
Signature	
Date	
Name	JEFFREY DUNCKER.
Title	QLD SERVICE MANAGER.
Signature	Sch. 4(4)(6)
Date	10/6/14.

DSDIP - RTI Release

RTI Document No. 65

Water Fluoridation Code of Practice
Compliance Statement

IPMG
Infrastructure Project Management Group

SCHEME

Name of Public Potable Water Supplier

CERTIFICATION

I / We certify that:

- The design for the fluoridation facility meets the design requirements for the Water Fluoridation Code of Practice, including reasonable allowance for scenarios likely to be encountered during the lifetime of the facility;
- The facility has been constructed in accordance with the design to meet the requirements of the Water Fluoridation Code of Practice;
- The scope and extent of commissioning was sufficient to prove compliance with the Water Fluoridation Code of Practice, including reasonable allowance for scenarios likely to be encountered during the lifetime of the facility;
- Staff have received adequate training to ensure ongoing adequate operation and maintenance of the fluoridation facility in accordance with the Water Fluoridation Code of Practice;
- A monitoring programme has been established in accordance with the requirements of the Water Fluoridation Code of Practice, and the monitoring program demonstrates compliance with the performance requirements of the Water Fluoridation Code of Practice;
- Documentation and contingency plans have been established in accordance with requirements of the Water Fluoridation Code of Practice;
- Overall, the facility meets all the requirements of the Water Fluoridation Code of Practice, and it is reasonable to expect that it will continue to do so in the future.

Name	
Title	
RPEQ Number	
Signature	
Date	
Name	
Title	
Signature	
Date	

DSDIP - RTI Release

RTI Document No. 66

Ref 2 84

Michael Norris

From: Juanita Holden <financeofficer@flinders.qld.gov.au>
Sent: Friday, 22 November 2013 3:48 PM
To: Fluoride; robbie.recoquillion@dsip.qld.gov.au
Cc: Julianne Meier; Leanne Rogers; Mel Keating
Subject: DSDIP Follow up Project Claim for Hughenden Bore 4, Hughenden Bore 5, Hughenden Bore 7 & Hughenden Bore 9
Attachments: PHOTOS.PDF; SKMBT_C654e13112215260.pdf; SKMBT_C654e13112215261.pdf; SKMBT_C654e13112215270.pdf; SKMBT_C654e13112215290.pdf; SKMBT_C654e13112215291.pdf; Subsidy Claim Worksheet.xlsm

Robbie

Please find attached relevant financial documents which substantiates the funds being sought under the Qld Fluoridation Capital Assistance Program.

Any problem, please contact me.

Thanks

Juanita Holden
Finance Officer

SHIRE OF FLINDERS

CELEBRATING 150 YEARS
CHRONICLES OF FLINDERS

Flinders Shire Council
PO Box 274
Hughenden Qld 4821
Ph: 07 4741 2905
Fax: 07 4741 1741
Email: financeofficer@flinders.qld.gov.au
Website: www.flinders.qld.gov.au

From: Leanne Rogers
Sent: Wednesday, 20 November 2013 12:00 PM
To: Mel Keating
Cc: Juanita Holden; Julianne Meier
Subject: RE: DSDIP Follow up Project Claim for Hughenden Bore 4, Hughenden Bore 5, Hughenden Bore 7 & Hughenden Bore 9

No worries we have all this. Will ask Juanita to collate it together.

Neat our claim spreadsheet that includes the ledger extract will work well for this. Really pleased we set it up this way.

DSDIP - RTI Release

RTI Document No. 67

Regards

Leanne Rogers CPA
Director Corporate Services

SHIRE OF FLINDERS

Shire of Flinders
P: 07 4741 2900
Mb: Sch. 4(4)(6)
F: 07 4741 1741
34 Gray Street, Hughenden Q 4821
PO Box 274 Hughenden Q 4821
dcs@flinders.qld.gov.au
www.flinders.qld.gov.au

Discovery • Opportunity • Lifestyle

From: Mel Keating
Sent: Wednesday, 20 November 2013 10:00 AM
To: Leanne Rogers
Subject: FW: DSDIP Follow up Project Claim for Hughenden Bore 4, Hughenden Bore 5, Hughenden Bore 7 & Hughenden Bore 9

From: Fluoride [mailto:fluoride@dsdip.qld.gov.au]
Sent: Wednesday, 20 November 2013 9:45 AM
To: Mel Keating
Subject: DSDIP Follow up Project Claim for Hughenden Bore 4, Hughenden Bore 5, Hughenden Bore 7 & Hughenden Bore 9

Morning Mel

Thank you for your email late yesterday with the completed Acquittal and Subsidy claim form for the above water fluoridation project.

Council is now requested to supply the relevant financial documents totalling $1,013,975.26 which substantiates the funds being sought under the Queensland Fluoridation Capital Assistance Program (QFCAP).

Note that supporting documents which are required include:

- an extract copy taken from Council's general ledger matching the total amount being claimed;
- a copy of invoices and the relevant remittance advices;
- a transaction report covering the same fluoride transactions would also be appreciated;
- any photos of works completed.

Council is reminded that the QFCAP ceases on 30 June 2014 and all documents for assessment and payment are required with the Department of State Development, Infrastructure and Planning by 1 April 2014.

Cheers Robbie

Robbie Recoquillon
Senior Project Officer
Queensland Water Fluoridation Implementation Program
Major Projects
Department of State Development, Infrastructure and Planning
Queensland Government

DSDIP - RTI Release

RTI Document No. 68

Visit: Level 7, 63 George Street
Post: PO Box 15009, City East QLD 4002
Phone: (07) 3405 6166
Email: Robbie.Recoquillion@dsdip.qld.gov.au

Great state. Great opportunity.

Please consider the environment before printing this email

From: Mel Keating [mailto:eho@flinders.qld.gov.au]
Sent: Tuesday, 19 November 2013 4:43 PM
To: Fluoride
Subject: Project Claim for Hughenden Bore 4, Hughenden Bore 5, Hughenden Bore 7 & Hughenden Bore 9

Hi Robbie,
Please find attached Hughenden Fluoride Project claim 1.
Cheers

Mel Keating
EHO

SHIRE OF FLINDERS

P 07 4741 2900
F 07 4741 1741
34 Gray Street, Hughenden QLD 4821
PO Box 274 Hughenden QLD 4821
eho@flinders.qld.gov.au
www.flinders.qld.gov.au

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RTI Document No. 69

DSD RTI Release
RTI Document No. 70

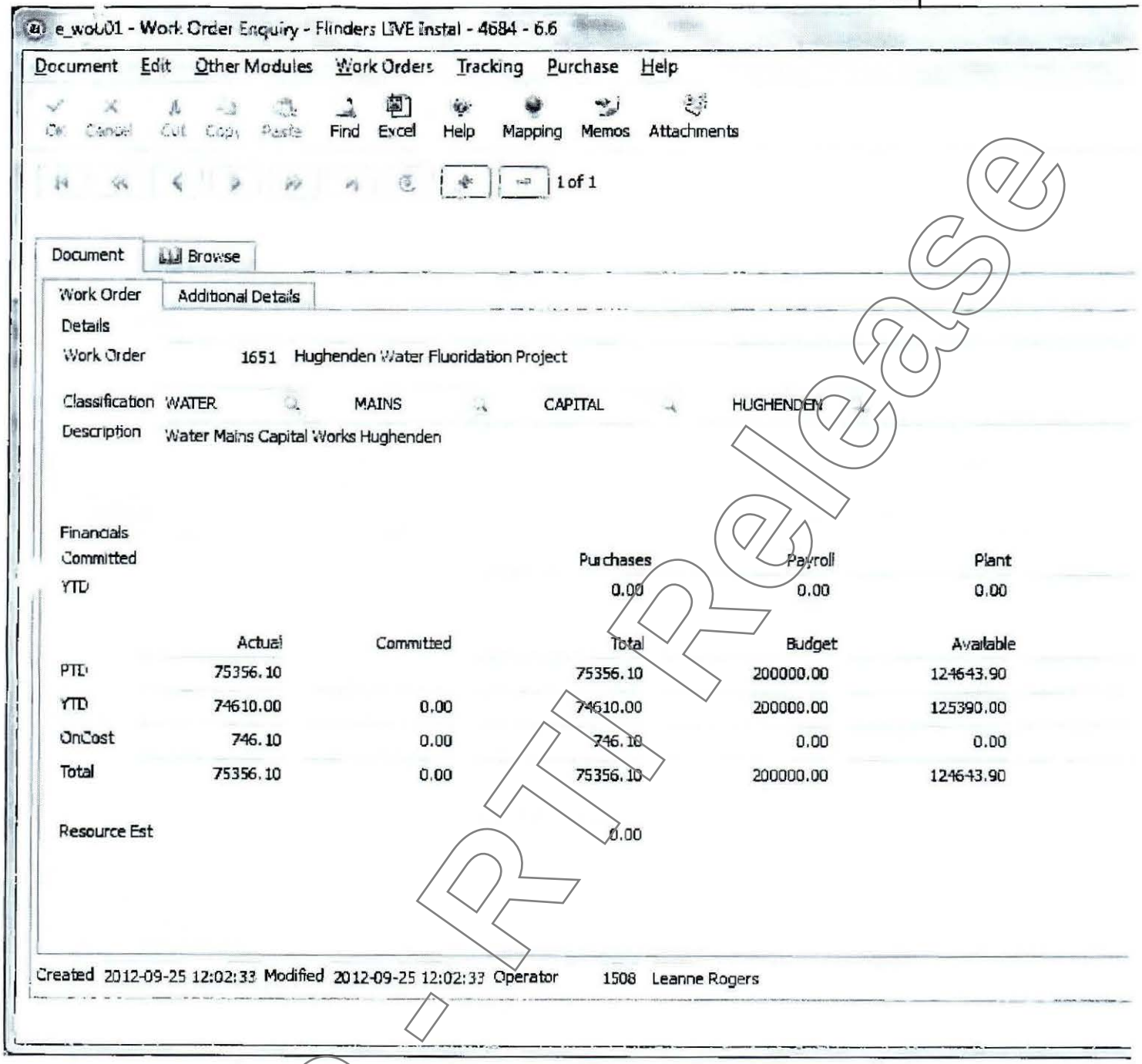
Not for RTI Release

RTI Document No. 71

RTI Document No. 72

Post RTI Release

Ref 4



e_wo001 - Work Order Enquiry - Flinders LIVE Instal - 4684 - 6.6

Document Edit Other Modules Work Orders Tracking Purchase Help

OK Cancel Cut Copy Paste Find Excel Help Mapping Memos Attachments

1 of 1

Document Browse

Work Order Additional Details

Details

Work Order 1651 Hughenden Water Fluoridation Project

Classification WATER MAINS CAPITAL HUGHENDEN

Description Water Mains Capital Works Hughenden

Financials

Committed	Purchases	Payroll	Plant
YTD	0.00	0.00	0.00

	Actual	Committed	Total	Budget	Available
PTD	75356.10		75356.10	200000.00	124643.90
YTD	74610.00	0.00	74610.00	200000.00	125390.00
OnCost	746.10	0.00	746.10	0.00	0.00
Total	75356.10	0.00	75356.10	200000.00	124643.90

Resource Est 0.00

Created 2012-09-25 12:02:33 Modified 2012-09-25 12:02:33 Operator 1508 Leanne Rogers

DSDIP - RTI Release

trn_dte	pst_yer	pst_per	lgr_acc	trn_cde	trn_nme	trn_ref	src_mdu	src_acc	acc_nme	act_val	act_onc	com_val	trn_dsc
Date	Year	Period	Ledger Account	Tran Code	Type	Reference	Src Mdu	Source Account	Account Name	Actual	Oncost	Committed	Transaction Description
14/03/2013	2013	9	19175.8405.0401	9901	Journal Manual JRN	707/2013	GL	03470.0500.0401	Contractors	67750	677.5	0	Capital not Maintenance
29/01/2013	2013	7	19175.8405.0401	201	Invoice INV	103237	AP	1856.01 ✓	Douglas Partners Pty Ltd	6860	68.6	0	Geotechnical Investigation - Hughenden
29/01/2013	2013	7	19175.8405.0401	1412	GR/GST Contra Entry	103237	AP	1856.01	Douglas Partners Pty Ltd	-7546	-75.46	0	
24/01/2013	2013	7	19175.8405.0401	1410	Receival Goods G/R	18032	AP	1856.01	Douglas Partners Pty Ltd	7546	75.46	-7110	Geotechnical Investigation - Hughenden
27/11/2012	2013	5	19175.8405.0401	1401	Purchase Order P/O	7203	PU	1856	Douglas Partners Pty Ltd	0	0	7110	Geotechnical Investigation - Hughenden
										74610	746.1		
										75356			

212

DSDIP - RTI Release

SHIRE OF FLINDERS

Address Correspondence to:
Chief Executive Officer
PO Box 274 Hughenden Q 4821
34 Gray St, Hughenden Q 4821
ABN 24 420 911 643

P. 07 4741 2900
F. 07 4741 1741
E: creditors@flinders.qld.gov.au
W: www.flinders.qld.gov.au

COPY

Advice Date: 14/02/2013
Creditor Account: 1,856.01

Douglas Partners Pty Ltd
2/57 Pilkingson Street
GARBUTT QLD 4814

Attention: Remittance Advice
Fax: (07) 4725 1224

Date	*Reference*	*Type*	*Invoice*	*Credit*
18/01/2013	103237	INV	7,546.00	

TRANSFER: **$7,546.00**

The net balance of $7,546.00 has been credited to your bank account.
If you have any query relating to the information provided, please contact Council's Creditors Section at the number shown above.

Authorisation: Sch. 4(4)(6)

DSDIP - RTI Release

RTI Document No. 75

Douglas Partners
Geotechnics / Environment / Groundwater

Douglas Partners Pty Ltd
ABN 75 053 980 117
www.douglaspartners.com.au
Unit 2, 56 Pilkington Street
Garbutt QLD 4814
Phone (07) 4779 9866
Fax (07) 4725 1224

Tax Invoice No. [redacted]

Flinders Shire Council
PO Box 274
HUGHENDEN QLD 4821

Attn: Accounts Payable

Project No. 76952.00
Date: 18-Jan-13
Your PO. [redacted]

Geotechnical Investigation
Proposed Fluoridation Plant Site Works & Raw Water Pipelines
Saleyards Road - Hughenden
Ref: Our proposal TWN1202262 dated 15 November 2012

	Item	Qty	Unit	Rate	Amount	Total
1	Project Initiation					
	Job set up, administration, project quality plan	1	sum	$250	$250.00	
2	Field Work					
	Mob/de-mob of superivsor (ex TSV)	1	sum	$1,700	$1,700.00	
	Field scientist/engineer - liaison, supervision, logging of test pits, DCPs	6	hr	$190	$1,140.00	
	Sampling disbursements & vehicle hire	2	day	$100	$200.00	
	Accommodation & vehicle hire	1	night	$200	$200.00	
3	Laboratory Testing					
	Atterberg limits and linear shrinkage	3	no	$140	$420.00	
	Shrink-swell	1	no	$140	$140.00	
	Emerson class number and CEC	3	no	$130	$390.00	
	pH, chloride and sulfate	3	no	$80	$240.00	
4	Liaison, Analysis and Reporting					
	Principal Geotechnical Engineer	1	hr	$350	$350.00	
	Associate Engineer	4	hr	$260	$1,040.00	
	Field Engineer	3	hr	$190	$570.00	
	Administration	2	hr	$110	$220.00	

Total	$6,860.00
+ 10% GST	$686.00
Invoice Value	[redacted]

Douglas Partners Pty Ltd

ENTERED

APPROVED
Sch. 4(4)(6)
24/01/13

Our Banking Details:
ANZ Bank BSB 012 327 A/C 2452 18833

Terms Net 30 days

This is a payment claim made under the "Building and Construction Industry Payments Act 2004 (QLD)."

Please pay on this Invoice

DSDIP - RTI Release

Douglas Partners
Geotechnics / Environment / Groundwater

Douglas Partners Pty Ltd
ABN 75 053 980 117
www.douglaspartners.com.au
Unit 2, 56 Pilkington Street
Garbutt QLD 4814
Phone (07) 4779 9866
Fax (07) 4725 1224

FLINDERS SHIRE COUNCIL
21 JAN 2013
RECEIVED

Document Transmittal

To	Flinders Shire Council PO Box 274 HUGHENDEN QLD 4821		
Attention	Accounts Payable		
Date	18 January 2013	**Project No.**	76952.00

We enclose the following:

Quantity	Title	Comments
1	Invoice - Geotechnical Investigation Proposed Fluoridation Plant Site Works & Raw Water Pipelines	Invoice No. 103237
1	Client Questionnaire	

Sent to you

- [ ] Project completed
- [x] For your records
- [ ] For your approval/comments
- [ ] Being returned
- [ ] As requested by
- [ ] To be checked and returned

Sent via

- [x] Mail
- [ ] Courier
- [ ] Other

DSDIP - RTI Release

RTI Document No. 77

Address Correspondence to:
Chief Executive Officer
PO Box 274 Hughenden Q 4821
34 Gray St, Hughenden Q 4821
ABN 24 420 911 643

P. 07 4741 2900
F. 07 4741 1741
E. flinders@flinders.qld.gov.au
W. www.flinders.qld.gov.au

SHIRE OF FLINDERS

PURCHASE ORDER

Douglas Partners Pty Ltd

2/57 Pilkingson Street
GARBUTT QLD 4814

FAXED

Phone (07) 4779 9866
Fax (07) 4725 1224

Order No: 7203 **Page: 1**
Order Type: Direct
Date: 27/11/2012

Please Quote Order Number on Delivery Docket & Tax Invoice.
All Prices include GST Where Applicable.

Due By: 27/11/2012

ITEM DESCRIPTION	PRODUCT CODE	PART NUMBER	QUANTITY	UNIT	UNIT PRICE	ORDER VALUE
Geotechnical Investigation - Hughenden Fluoridation Works			1.00	EACH	7,821.00	7,821.00
				Total Order Value		7,821.00

Purchasing Contact: L J Brown

Authorised by: L J Brown

Page: Last of 1

DSDIP - RTI Release

RTI Document No. 78

Requisition Entry - Receipt

Requisition/Supplier Details

Flinders Shire Council
ABN 24420911643
34 Gray Street
HUGHENDEN QLD 4821

Phone 07 4741 2900
Fax 07 4741 1741
Email Address flinders@flinders.qld.gov.au
Web www.flinders.qld.gov.au

This is not a Purchase Order

Requisition Number 7703

Requisitioner L J Brown
Requisition Type Direct Purchase
Supplier Name Douglas Partners Pty Ltd
Contact
Delivery Method Print: 2/57 Pilkingson Street GARBUTT QLD 4814
Confirmation Order ☐

Line Detail

Prod. Code	Product Description	Qty	Unit	Account / GST Desc.	Unit Price	Unit GST	Tot. GST	Tot. Price (Incl. GST)
	Geotechnical Investigation - Hughenden Fluoridation Works	1.00	EACH	W1651.9024.401	$7110.0000	$711.00	$711.00	$7821.00
				Tax excluded from Acq'n price				
					Totals		$711.00	$7821.00

Instructions

No delivery instructions.
Delivery Date 27/11/2012
No transport instructions.
No special instructions.

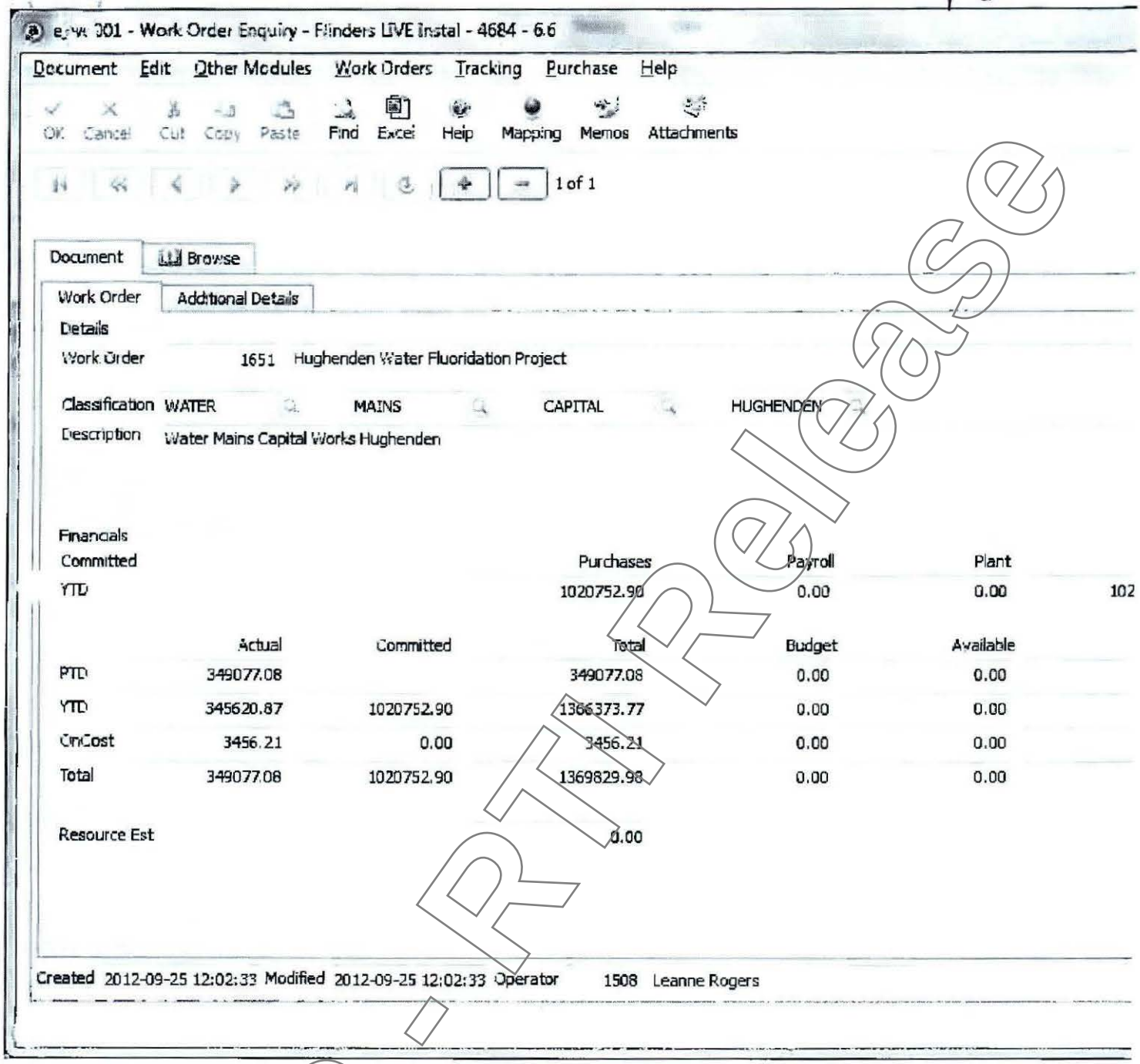
Reason for Insufficient Quotes

Reason Sourced through GHD

DSDIP - RTI Release

RTI Document No. 79

Ref 5



e_vk 301 - Work Order Enquiry - Flinders LIVE Instal - 4684 - 6.6

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1 of 1

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Work Order Additional Details

Details

Work Order 1651 Hughenden Water Fluoridation Project

Classification WATER MAINS CAPITAL HUGHENDEN

Description Water Mains Capital Works Hughenden

Financials

Committed			Purchases	Payroll	Plant	
YTD			1020752.90	0.00	0.00	102

	Actual	Committed	Total	Budget	Available
PTD	349077.08		349077.08	0.00	0.00
YTD	345620.87	1020752.90	1366373.77	0.00	0.00
OnCost	3456.21	0.00	3456.21	0.00	0.00
Total	349077.08	1020752.90	1369829.98	0.00	0.00

Resource Est 0.00

Created 2012-09-25 12:02:33 Modified 2012-09-25 12:02:33 Operator 1508 Leanne Rogers

DSDIP - RTI Release

trn_dte	pst_yer	pst_per	lgr_acc	trn_cde	trn_nme	trn_ref	src_mdu	src_acc	acc_nme	act_val	act_onc	com_val	trn_dsc
Date	Year	Period	Ledger Account	Tran Code	Type	Reference	Src Mdu	Source Account	Account Name	Actual	Oncost	Committed	Transaction Description
26/08/2013	2014	2	19175.8405.0410	201	Invoice INV	MC63O	AP	288.01	Ergon Energy Corporation Limited (Network Connection 1)	227.27	2.27	0	Network Connection - Application Fee: Chr
05/09/2013	2014	3	19175.8405.0401	201	Invoice INV	13050814	AP	2103.01	Auzscot Civil Australia, Arid to Oasis Solutions Pty Ltd t/as	345393.6	3453.94	0	Hughenden Water Flouridation Project - Tender
05/09/2013	2014	3	19175.8405.0401	1412	GR/GST Contra Entry	13050814	AP	2103.01	Auzscot Civil Australia, Arid to Oasis Solutions Pty Ltd t/as	-345393.63	-3453.94	0	
04/09/2013	2014	3	19175.8405.0401	1410	Receival Goods G/R	25696	AP	2103.01	Auzscot Civil Australia, Arid to Oasis Solutions Pty Ltd t/as	345393.63	3453.94	-255189.23	Hughenden Water Flouridation Project - Tender
04/09/2013	2014	3	19175.8405.0401	1401	Purchase Order P/O	11011	PU	2103	Auzscot Civil Australia, Arid to Oasis Solutions Pty Ltd t/as	0	0	1275941.13	Hughenden Water Flouridation Project - Tender
										345620.87	3456.21		
										349077.08			

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AUZSCOT CIVIL AUSTRALIA
ABN: 16 122 776 845

PO BOX: 337, Belgian Gardens, QLD, 4810
Ph: 07 4721 4777
Fax: 07 4721 4877
Email: auzscot@auzscotcivil.com.au

TAX INVOICE

Invoice No: 13050814
Date: 29/08/2013

Bill To:
Flinders Shire Council
34 Gray Street
Hughenden Qld 4821

Purchase Order: 102.2013.2

Description	Amount
Invoice for Claim No. 1 of Contract No. 102.2013.2 Hughenden Fluoridation Please see attached spreadsheet (FJ1 Claim 1) $1,275,941 + GST W1651.481.401 Tender No 102.2013.2 AP 2103	$345,393.60

Payment Terms: Invoice Total Due 14 Days
Payment Details: To: Arid to Oass Solutions P/L -
Trading As: Auzscot Civil Australia
BSB: 065-000
Account No: 1139-4747

GST:	$34,539.36
Total Inc GST:	$379,932.96
Amount Applied:	$0.00
Balance Due:	$379,932.96

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Oaths Act 1867

Statutory Declaration

QUEENSLAND
TO WIT

I, Sch. 4(4)(6)

of in the State of Queensland

do solemnly and sincerely declare that

All subcontractors and suppliers invoices and claims that are relevant to claim no. 1 of contract no. 102.2013.2 Hughenden Fluoridation have been paid in full.

And I make this solemn declaration conscientiously believing the same to be true, and by virtue of the provisions of the Oaths Act 1867.

Signature of declarant/deponent

Taken and declared before me at

this 30 day of August

Sch. 4(4)(6)

~~A Justice of the Peace/Commissioner for Declarations~~/ Solicitor

Stuart Lachlan Scott Watson

SOLICITOR - QLS - 28779

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ARID TO OASIS SOLUTIONS PTY LTD
T/A AUZSCOT CIVIL AUSTRALIA
ABN: 16 172 776 845

AUZSCOT CIVIL

Quality ISO 9001 | Environment ISO 14001 | Health & Safety AS 4801

Date	29/08/2013
Contract	Hughenden Flouridation
Contract #	102.2013.2
Client	Flinders Shire Council
Claim #	1
Project Manager	Bill Roberts

Item number	Description	Unit	Quantity	Rate	Tendered Amount	Comment	Previously Claimed	Claim 1
1								
1.1	Documentation and Plans							
1.1.1	Preparation and Resolution of Environmental Management Plan	Item	1	Lump Sum	$ 1,000.00	100%	$ -	$ 1,000.00
1.1.2	Preparation and Resolution of Workplace Health and Safety Plan	Item	1	Lump Sum	$ 2,500.00	50%	$ -	$ 1,250.00
1.1.3	Preparation and Resolution of Traffic Management Plan	Item	1	Lump Sum	$ 1,500.00	50%	$ -	$ 750.00
1.1.4	Prepare Quality Management Plan and Carry Out Quality Processes During Contruction	Item	1	Lump Sum	$ 5,000.00	50%	$ -	$ 2,500.00
1.1.5	Prepare Construction Plan, Schedule and Program	Item	1	Lump Sum	$ 200.00	100%	$ -	$ 200.00
1.1.6	Preparation and Resolution of Commissioning and Handover Plan	Item	1	Lump Sum	$ 10,000.00		$ -	
1.1.7	Inspection and Test Plans	Item	1	Lump Sum	$ 1,000.00	100%	$ -	$ 1,000.00
1.1.8	Project Management and Site Management	Item	1	Lump Sum	$ 60,000.00	25%	$ -	$ 15,000.00
1.1.9	Negotiations and Liasons with Ergon	Item	1	Lump Sum	$ 1,500.00		$ -	
1.2	Preliminaries							
1.2.1	Insurances and Qleave Levy	Item	1	Lump Sum	$ 13,000.00	100%	$ -	$ 13,000.00
1.2.2	Project Approvals	Item	1	Lump Sum	$ 500.00	100%	$ -	$ 500.00
1.3	Site Preparation							
1.3.1	Site Establishment	Item	1	Lump Sum	$ 30,000.00	80%	$ -	$ 24,000.00
1.3.2	Job Set-out	Item	1	Lump Sum	$ 4,500.00	100%	$ -	$ 4,500.00
1.3.3	Site Disestablishment	Item	1	Lump Sum	$ 5,000.00		$ -	
1.4	Finalisation							
1.4.1	Final Clean-Up and Site Rehabilitation	Item	1	Lump Sum	$ 3,000.00		$ -	
1.4.2	Preparation of "As Constructed" Drawings	Item	1	Lump Sum	$ 3,594.00		$ -	
1.4.3	Provision of O&M Manuals and Documentation	Item	1	Lump Sum	$ 6,214.00		$ -	
1.4.4	Training of Flinders Shire Council Staff	Item	1	Lump Sum	$ 3,500.00		$ -	
2								
2.1	Flouride Building							
2.1.1	Construction of Building Foundations Complete	Item	1	Lump Sum	$ 20,000.00	100%	$ -	$ 20,000.00
2.1.2	Construction of Building Floor Slab Complete	Item	1	Lump Sum	$ 22,282.00	100%	$ -	$ 22,282.00
2.1.3	Construction of Masonary Blockwalls Complete	Item	1	Lump Sum	$ 40,000.00		$ -	
2.1.4	Construction of Building Roof Compiete	Item	1	Lump Sum	$ 20,000.00		$ -	
2.1.5	External Painting of Building	Item	1	Lump Sum	$ 12,100.00		$ -	
2.1.6	Internal Painting of Building	Item	1	Lump Sum	$ 12,100.00		$ -	
2.1.7	Construction of Driveway and Unloading Bund Complete	Item	1	Lump Sum	$ 20,000.00	100%	$ -	$ 20,000.00
2.2	Flouride Equipment							
2.2.1	Supply and Installation of 25kg Sodium Flouide Proprietary System incl. all Dosing and Control Equipment	Item	1	Lump Sum	$ 153,358.00	20%	$ -	$ 30,671.60
2.3	Mechanical Work							
2.3.1	Air Conditioning of Flouridation Building	Item	1	Lump Sum	$ 13,836.00		$ -	
2.3.2	Construction of Ventilation System incl. Pipework and Watertrap	Item	1	Lump Sum	$ 14,000.00		$ -	
2.4	Pipework							
2.4.1	Installation of Service Water to Flouride Building	Item	1	Lump Sum	$ 7,563.00		$ -	
2.4.2	Installation of Safety Shower and Washdown	Item	1	Lump Sum	$ 5,000.00		$ -	
2.4.3	Installation of Waste Drainage incl. Low Pressure Pump System Connection to Gravity Sewer Main	Item	1	Lump Sum	$ 11,000.00	40%	$ -	$ 4,400.00
2.5	Electrical Work							
2.5.1	Supply and Installation of Main Switchboard Metering and Consumer Mains incl. Connection and Supply Authority Coordination	Item	1	Lump Sum	$ 53,500.00		$ -	
2.5.2	Supply and Installation of Building Lighting and General Power Provisions	Item	1	Lump Sum	$ 20,970.00		$ -	
2.5.3	Reconnection of Existing Power Distribution Systems to New Distribution	Item	1	Lump Sum	$ 6,420.00		$ -	

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RTI Document No. 84

2.5.4	Supply and Installation of PLC, SCADA and Telemetry Equipment and Integration Works incl. Works associated with removal of existing RTU	Item	1	Lump Sum	$ 7,764.00		$ -	
2.5.5	Supply, Installation and Commissioning of All Instrumentation, Dosing and Controls	Item	1	Lump Sum	$ 46,000.00		$ -	
2.5.6	Supply and Installation of all Booster Pumpset Related Works incl. Interface to PLC and SCADA	Item	1	Lump Sum	$ 8,000.00		$ -	
2.5.7	Other Electrical Works as Described in Drawings and Specifications not described above	Item	1	Lump Sum	$ 35,000.00		$ -	
3	[illegible]							
3.1	Raw Water Pipelines							
3.1.1	Supply of Materials for and Excavate, Construct and Backfill of DN125 PN16 Water Main Complete	m	2200	$ 72.00	$ 158,400.00	1320m	$ -	$ 95,040.00
3.1.2	Supply of Materials for and Excavate, Construct and Backfill of DN225 PE100 PN16 Water Main Complete	m	400	$ 115.00	$ 46,000.00	156m	$ -	$ 17,940.00
3.1.3	Supply of Materials for and Excavate, Construct and backfill of DN250 DICL PN20 Water Main Complete	m	50	$ 260.00	$ 13,000.00		$ -	$ -
3.1.4	Supply of Materials for and Excavate, Construct and Backfill of DN225 PN16 PE Pipelines in a Directionally Drilled OD356 MS Enveloper Under Richmond Hill Road Complete	m	80	$ 1,203.00	$ 96,100.00	60%	$ -	$ 21,660.00
3.1.5	Removal and Disposal of Excess Spoil as Required	Item	1	Lump Sum	$ 7,040.00		$ -	$ -
3.2	Connections to Existing System							
3.2.1	Supply and Install all Valves and Fittings inc. Thrust Blocks to Existing Pipeline	Item	1	Lump Sum	$ 8,000.00	50%	$ -	$ 4,000.00
3.2.2	Supply and Install all Valves and Fittings incl. Thrust Blocks to Existing Pipeline	Item	1	Lump Sum	$ 14,000.00	50%	$ -	$ 7,000.00
3.2.3	Supply and Install all Valves and Fittings incl. Thrust Blocks to Existing Pipeline	Item	1	Lump Sum	$ 16,500.00	50%	$ -	$ 8,250.00
3.2.4	Supply and Install all Valves and Fittings incl. Thrust Blocks to Existing Pipeline	Item	1	Lump Sum	$ 7,500.00	50%	$ -	$ 3,750.00
3.2.5	Inlet Connection to Reservoir	Item	1	Lump Sum	$ 15,000.00	50%	$ -	$ 7,500.00
3.4	Road Pavement Reinstatement							
3.4.1	Reinstatement of Sealed Road Pavement across Alyss Street	Item	1	Lump Sum	$ 750.00		$ -	$ -
3.4.2	Reinstatement of Sealed Road Pavement across Mclaren Street	Item	1	Lump Sum	$ 750.00		$ -	$ -
3.4.3	Reinstatement of Sealed Road Pavement across Hunter Street	Item	1	Lump Sum	$ 500.00		$ -	$ -
3.4.4	Reinstatement of Unsealed Road Pavement across Churchhill Street	Item	1	Lump Sum	$ 1,200.00	100%	$ -	$ 1,200.00
3.4.5	Reinstatement of Unsealed Road Pavement acrossGeary Street	Item	1	Lump Sum	$ 1,000.00		$ -	$ -
3.5	Stone Protection							
3.5.1	Supply and Installation of ock Rip Rap Protection across open Stormwater Drains	Item	1	Lump Sum	$ 1,500.00		$ -	$ -
3.6	Testing and Commissioning							
3.6.1	Cleaning and Disinfecting of All New Pipelines	Item	1	Lump Sum	$ 2,000.00		$ -	$ -
3.6.2	Hydrostatic Testing of All New Pipelines to 1200KPA	Item	1	Lump Sum	$ 8,000.00		$ -	$ -
4	[illegible]							
4.1	Pumpset							
4.1.1	Supply and Installation of Booster Pumpset Incl. Associated Support Frame, Control Panel, Valves, Pumps, Manifolds, Pressure Tank, Complete	Item	1	Lump Sum	$ 109,000.00		$ -	$ -
4.2	Pipework							
4.2.1	Supply and Installation of Connecting Pipework to Existing Reservoir Inlet / Outlet Pipe including Valves and Cut-ins	Item	1	Lump Sum	$ 30,000.00		$ -	$ -
4.3	Pump Station Building							
4.3.1	Construction of Floor Slab Complete	Item	1	Lump Sum	$ 18,000.00	100%	$ -	$ 18,000.00
4.3.2	Construction of Pump Station Housing Complete	Item	1	Lump Sum	$ 14,500.00		$ -	$ -
4.4	Electrical Work							

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RTI Document No. 85

4.4.1	Supply and Installation of Booster Pump Station Control Panel Incl. Connection to Main Switchboard	Item	1	Lump Sum	$ 25,200.00		$ -	$ -
4.4.2	Supply and Installation of Booster Pump Station Lighting	Item	1	Lump Sum	$ 1,600.00		$ -	$ -
4.4.3	Supply and Installation of Telemetry Instrumentation and Cabling	Item	1	Lump Sum	$ 10,000.00		$ -	$ -
4.5	*Testing*							
4.5.1	Hydrostatic Testing of Pumping Station	Item	1	Lump Sum	$ 2,000.00		$ -	$ -
4.5.2	Full Commissioning Pumping Station, Electrical and Telemetry Works	Item	1	Lump Sum	$ 13,500.00		$ -	$ -
5	*Other*							
5.1	Gravel Access To Driveways	Item	1	Lump Sum	$ 3,000.00		$ -	$ -
5.2	Control Room Fitout	Item	1	Lump Sum	$ 15,000.00		$ -	$ -
5.3	Internal Lighting	Item	1	Lump Sum	$ 16,000.00		$ -	$ -
					Total Excluding GST	$ 1,275,941.00	$ -	**$ 345,393.60**
					GST	$ 127,594.10	$ -	**$ 34,539.36**
					Total Contract Value	$ 1,403,535.10	$ -	**$ 379,932.96**

Certified as correct
S.J. Turner R.P.E.Q

DSDIP - RTI Release

GHD Workbench

Contract Claim Schedule - All Items

Contract No : 4217389
Contract Name : Hughenden Fluoridation - Detailed Design
Client Name : Flinders Shire Council
Claim Details : Works in accordance with GHD Proposal 42/16744/47735 Dated 18th April 2012 and FSC Acceptance (signed GHD Consultancy Agreement, sent via email 22nd November 2012).
Final project variations for reduced scope in accordance with GHD email to FSC dated 21st June 2013 that result in a final Contract value of $97,400 (excl. GST).

Postal Details : PO BOX 274
Hughenden
QLD

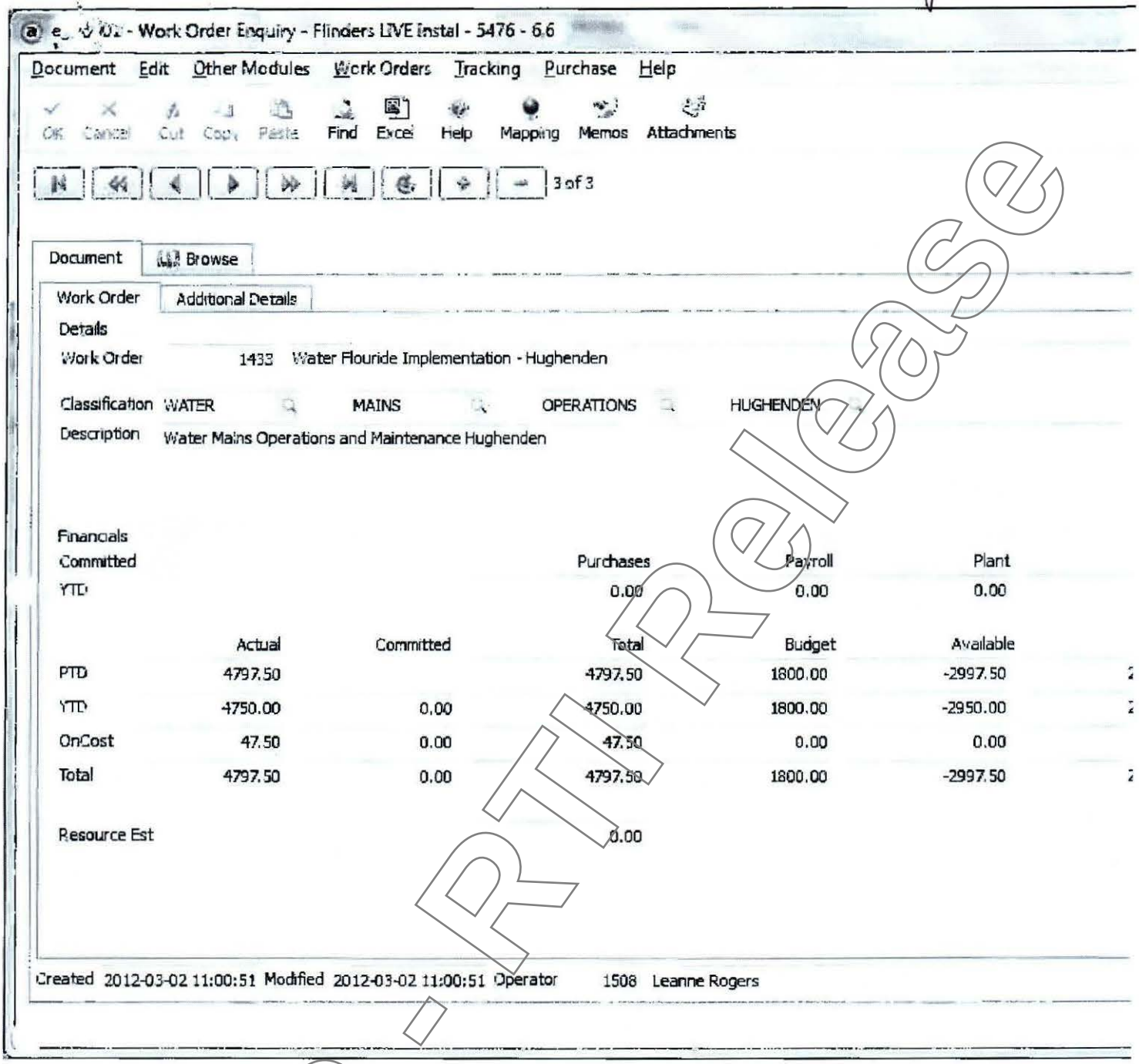
Claim No : 8
Claim Date : 28/06/2013

Output Code	Output Code Description	Schedule Qty	Schedule Unit	Schedule Rate	Schedule Amount	Total Qty To Date	less Prev Qty	Qty this Claim	Total Claim To Date	Less Prev Claims	Value This Claim
Schedule : 4217389	**Schedule 4217389**										
A1.1	Fluoride Facility- D&D	100.00	%	240.00	24,000.00	100.00	100.00	0.00	24,000.00	24,000.00	0.00
A1.2	Fluoride Facility-DS & OM	100.00	%	45.00	4,500.00	100.00	100.00	0.00	4,500.00	4,500.00	0.00
A1.3	Fluoride Facility- Procure Documentation	100.00	%	20.00	2,000.00	100.00	100.00	0.00	2,000.00	2,000.00	0.00
A1.4	Fluoride Facility- Procure Suppliers & Contr	100.00	%	45.00	4,500.00	100.00	90.00	10.00	4,500.00	4,050.00	450.00
A1.5	Fluoride Facility-Site Presence & Inspection	100.00	%	255.00	25,500.00	100.00	0.00	100.00	25,500.00	0.00	25,500.00
A1.6	Fluoride Facility- Super Mtnce Liability Perio	100.00	%	42.00	4,200.00	100.00	0.00	100.00	4,200.00	0.00	4,200.00
A1.7	Fluoride Facility -Completion Report	100.00	%	45.50	4,550.00	100.00	0.00	100.00	4,550.00	0.00	4,550.00
B2.1	New Trunk Mains- Start up	100.00	%	32.00	3,200.00	100.00	100.00	0.00	3,200.00	3,200.00	0.00
B2.2	New Trunk Mains - DD New Water Pipelines	100.00	%	253.00	25,300.00	100.00	100.00	0.00	25,300.00	25,300.00	0.00
B2.3	New Trunk Mains- DD Booster Pump Statio	100.00	%	65.00	6,500.00	100.00	100.00	0.00	6,500.00	6,500.00	0.00
V01	Design of Pipeline and Pump Station	100.00	%	179.00	17,900.00	100.00	0.00	100.00	17,900.00	0.00	17,900.00
V02	Additional Construction Phase Management	100.00	%	0.00	0.00	100.00	0.00	100.00	0.00	0.00	0.00
V03	Additional Tender Phase Services	100.00	%	95.00	9,500.00	50.00	0.00	50.00	4,750.00	0.00	4,750.00
V04	Negative VO (Fluoride Contract Manageme	100.00	%	(342.50)	-34,250.00	100.00	0.00	100.00	-34,250.00	0.00	-34,250.00
	Schedule Total :4217389				97,400.00	1,350.00	690.00	660.00	92,650.00	69,550.00	23,100.00
	Claim Total :				97,400.00	1,350.00	690.00	660.00	92,650.00	69,550.00	23,100.00

DSDIP - RTI Release

RTI Document No. 87

Ref 6



e_ 02 - Work Order Enquiry - Flinders LIVE Instal - 5476 - 6.6

Document Edit Other Modules Work Orders Tracking Purchase Help

OK Cancel Cut Copy Paste Find Excel Help Mapping Memos Attachments

3 of 3

Document Browse

Work Order Additional Details

Details

Work Order 1433 Water Flouride Implementation - Hughenden

Classification WATER MAINS OPERATIONS HUGHENDEN

Description Water Mains Operations and Maintenance Hughenden

Financials

Committed	Purchases	Payroll	Plant
YTD	0.00	0.00	0.00

	Actual	Committed	Total	Budget	Available
PTD	4797.50		4797.50	1800.00	-2997.50
YTD	4750.00	0.00	4750.00	1800.00	-2950.00
OnCost	47.50	0.00	47.50	0.00	0.00
Total	4797.50	0.00	4797.50	1800.00	-2997.50

Resource Est 0.00

Created 2012-03-02 11:00:51 Modified 2012-03-02 11:00:51 Operator 1508 Leanne Rogers

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trn_dte	pst_yer	pst_per	lgr_acc	trn_cde	trn_nme	trn_ref	src_mdu	src_acc	acc_nme	act_val	act_onc	com_val	trn_dsc
Date	Year	Period	Ledger Account	Tran Code	Type	Reference	Src Mdu	Source Account	Account Name	Actual	Oncost	Committed	Transaction Description
02/08/2013	2014	2	03470.0500.0401	201	Invoice INV	4236718	AP	1076.01	GHD Pty Ltd	4750	47.5	0	Hughenden Fluoridation - Detailed Design
										4798			

276

DSDIP - RTI Release

Address Correspondence to:
Chief Executive Officer
PO Box 274 Hughenden Q 4821
34 Gray St, Hughenden Q 4821
ABN 24 420 911 643

P. 07 4741 2900
F. 07 4741 1741
E: creditors@flinders.qld.gov.au
W: www.flinders.qld.gov.au

SHIRE OF FLINDERS

Advice Date: 8/08/2013
Creditor Account: 1,076.01

GHD Pty Ltd
PO Box 930
TOWNSVILLE QLD 4810

Attention: Remittance Advice
Fax: 07 4772 6514

Date	*Reference*	*Type*	*Invoice*	*Credit*
30/07/2013	4236718	INV	5,225.00	
30/07/2013	4236715	INV	12,680.68	

TRANSFER: **$17,905.68**

The net balance of $17,905.68 has been credited to your bank account.
If you have any query relating to the information provided, please contact Council's Creditors Section at the number shown above.

Authorisation: Sch. 4(4)(6)

DSDIP - RTI Release

RTI Document No. 90

GHD CLIENTS | PEOPLE | PERFORMANCE

#1076

13/6

TAX INVOICE 4236718

ABN 39 008 488 373

DATE : 30/07/2013

Flinders Shire Council

PO BOX 274

Hughenden QLD 4821

Job Number : 4217389

Debtor Number : 4200301

Invoice To : 30/07/2013

Attn : Steve Turner

Hughenden Fluoridation - Detailed Design

Works in accordance with GHD Proposal 42/16744/47735 Dated 18th April 2012 and FSC Acceptance (signed GHD Consultancy Agreement, sent via email 22nd November 2012). Works in accordance with email to Steve Turner 27/06/2013 identifying close out of commisison with negative variation for no construction phase works undertaken.
FINAL INVOICE

Original Lump Sum Fee	$104,250.00
Approved Variations	($6,850.00)
Total Lump Sum Fee (Excluding GST)	**$97,400.00**

Refer attached schedule for details

Total Claimed To Date (Excluding GST)	$97,400.00
Less Previous Claims	$92,650.00
This Claim	**$4,750.00**
GST	$475.00
THIS TAX INVOICE	**$5,225.00**

WORKS/GL NO.
W1433.140.401

Payments can be made to GHD at Westpac: BSB No: 032003 Account No: 316146

Please quote your "Debtor Number" shown above as reference for the payments.

"This is a payment claim made under the Building and Construction Industry Payments Act 2004 (QLD)"

Payment of this invoice is due within 14 days of the invoice date or as stated per the contract agreement.

ENTERED

APPROVED
Sch. 4(4)(6)
31/12/13

GHD Pty Ltd ABN 39 008 488 373 Level 1, 42 Sturt Street Townsville QLD 4810 PO Box 930 Townsville QLD 4810 Australia
T 61 7 4720 0400 F 61 7 4772 6514 E tsvmail@ghd.com.au W www.ghd.com.au

DSDIP - RTI Release

GHD Workbench

Contract Claim Schedule - All Items

Contract No : 4217389
Contract Name : Hughenden Fluoridation - Detailed Design
Client Name : Flinders Shire Council
Claim Details : Works in accordance with GHD Proposal 42/16744/47735 Dated 18th April 2012 and FSC Acceptance (signed GHD Consultancy Agreement, sent via email 22nd November 2012). Works in accordance with email to Steve Turner 27/06/2013 identifying close out of commisison with negative variation for no construction phase works undertaken.
FINAL INVOICE

Postal Details : PO BOX 274
Hughenden
QLD

Claim No : 9
Claim Date : 30/07/2013

Output Code	Output Code Description	Schedule Qty	Schedule Unit	Schedule Rate	Schedule Amount	Total Qty To Date	less Prev Qty	Qty this Claim	Total Claim To Date	Less Prev Claims	Value This Claim
Schedule : 4217389	**Schedule 4217389**										
A1.1	Fluoride Facility- D&D	100.00	%	240.00	24,000.00	100.00	100.00	0.00	24,000.00	24,000.00	0.00
A1.2	Fluoride Facility-DS & OM	100.00	%	45.00	4,500.00	100.00	100.00	0.00	4,500.00	4,500.00	0.00
A1.3	Fluoride Facility- Procure Documentation	100.00	%	20.00	2,000.00	100.00	100.00	0.00	2,000.00	2,000.00	0.00
A1.4	Fluoride Facility- Procure Suppliers & Contr	100.00	%	45.00	4,500.00	100.00	100.00	0.00	4,500.00	4,500.00	0.00
A1.5	Fluoride Facility-Site Presence & Inspection	100.00	%	255.00	25,500.00	100.00	100.00	0.00	25,500.00	25,500.00	0.00
A1.6	Fluoride Facility- Super Mince Liability Perio	100.00	%	42.00	4,200.00	100.00	100.00	0.00	4,200.00	4,200.00	0.00
A1.7	Fluoride Facility -Completion Report	100.00	%	45.50	4,550.00	100.00	100.00	0.00	4,550.00	4,550.00	0.00
B2.1	New Trunk Mains- Start up	100.00	%	32.00	3,200.00	100.00	100.00	0.00	3,200.00	3,200.00	0.00
B2.2	New Trunk Mains - DD New Water Pipelines	100.00	%	253.00	25,300.00	100.00	100.00	0.00	25,300.00	25,300.00	0.00
B2.3	New Trunk Mains- DD Booster Pump Statio	100.00	%	65.00	6,500.00	100.00	100.00	0.00	6,500.00	6,500.00	0.00
V01	Design of Pipeline and Pump Station	100.00	%	179.00	17,900.00	100.00	100.00	0.00	17,900.00	17,900.00	0.00
V02	Additional Construction Phase Management	100.00	%	0.00	0.00	100.00	100.00	0.00	0.00	0.00	0.00
V03	Additional Tender Phase Services	100.00	%	95.00	9,500.00	100.00	50.00	50.00	9,500.00	4,750.00	4,750.00
V04	Negative VO (Fluoride Contract Managemer	100.00	%	(342.50)	-34,250.00	100.00	100.00	0.00	-34,250.00	-34,250.00	0.00
	Schedule Total :4217389				97,400.00	1,400.00	1,350.00	50.00	97,400.00	92,650.00	4,750.00
	Claim Total :				97,400.00	1,400.00	1,350.00	50.00	97,400.00	92,650.00	4,750.00

DSDIP-RTI Release

RTI Document No. 92

1318

GHD CLIENTS PEOPLE PERFORMANCE

TAX INVOICE 4236715

ABN 39 008 488 373

DATE : 30/07/2013

Flinders Shire Council

PO BOX 274

Hughenden QLD 4821

Job Number : 4217401

Debtor Number : 4200301

Invoice To : 30/07/2013

Attn : Steve Turner

Hughenden Sewerage Upgrade

Refer attached schedule.

Original Lump Sum Fee		$455,738.50
Approved Variations		$127,891.00
Total Lump Sum Fee (Excluding GST)		**$583,629.50**
Refer attached schedule for details		
Total Claimed To Date (Excluding GST)		$423,345.89
Less Previous Claims		$411,818.00
This Claim		**$11,527.89**
	GST	$1,152.79
	THIS TAX INVOICE	**$12,680.68**

Payments can be made to GHD at Westpac: BSB No: 032003 Account No: 316146

Please quote your "Debtor Number" shown above as reference for the payments.

"This is a payment claim made under the Building and Construction Industry Payments Act 2004 (QLD)"

Payment of this invoice is due within 14 days of the invoice date or as stated per the contract agreement.

ENTERED

APPROVED

Sch. 4(4)(6)

31/7/13

GHD Pty Ltd ABN 39 008 488 373 Level 1, 42 Sturt Street Townsville QLD 4810 PO Box 930 Townsville QLD 4810 Australia
T 61 7 4720 0400 F 61 7 4772 6514 E tsvmail@ghd.com.au W www.ghd.com.au

DSDIP - RTI Release

GHD Workbench

Contract Claim Schedule - All Items

Contract No : 4217401 **Postal Details :** PO BOX 274 **Claim No :** 14

Contract Name : Hughenden Sewerage Upgrade **Claim Date :** 30/07/2013

Client Name : Flinders Shire Council Hughenden

Claim Details : Refer attached schedule. QLD

Output Code	Output Code Description	Schedule Qty	Schedule Unit	Schedule Rate	Schedule Amount	Total Qty To Date	less Prev Qty	Qty this Claim	Total Claim To Date	Less Prev Claims	Value This Claim
Schedule : 4217401	**Schedule 4217401**										
01	PM - EOI Phase Lump Sum	100.00	%	412.70	41,270.00	100.00	100.00	0.00	41,270.00	41,270.00	0.00
02	PM - RFT Procurement Lump Sum	100.00	%	338.03	33,803.00	100.00	100.00	0.00	33,803.00	33,803.00	0.00
03	PM - RFT Procurement Hourly Rates	1.00	EA	26,450.00	26,450.00	1.00	1.00	0.00	26,450.00	22,950.00	3,500.00
04	PM - Construction Lump Sum	100.00	%	1,027.89	102,789.00	1.00	0.00	1.00	1,027.89	0.00	1,027.89
05	PM - Construction Hourly Rates	1.00	EA	12,927.00	12,927.00	1.00	0.00	1.00	500.00	0.00	500.00
06	TD - EOI Phase Lump Sum	100.00	%	137.60	13,760.00	100.00	100.00	0.00	13,760.00	13,760.00	0.00
07	TD - EOI Phase Hourly Rates	1.00	EA	18,411.00	18,411.00	0.00	0.00	0.00	18,411.00	18,411.00	0.00
08	TD - RFT Procurement Lump Sum	100.00	%	658.53	65,853.00	100.00	100.00	0.00	65,853.00	65,853.00	0.00
09	TD - RFT Procurement Hourly Rates	1.00	EA	71,267.00	71,267.00	1.00	1.00	0.00	71,267.00	68,267.00	3,000.00
10	TD - Construction Hourly Rates	1.00	EA	59,096.00	59,096.00	1.00	0.00	1.00	3,500.00	0.00	3,500.00
11	TD - North Hughenden Sewerage Lump Sur	100.00	%	595.94	59,594.00	100.00	100.00	0.00	59,594.00	59,594.00	0.00
12	TD - Sewage Characterisation	100.00	%	315.60	31,560.00	100.00	100.00	0.00	31,560.00	31,560.00	0.00
13	TD - ERA Application	100.00	%	162.00	16,200.00	100.00	100.00	0.00	16,200.00	16,200.00	0.00
14	TD - Low Pressure Sewer Design	100.00	%	401.50	40,150.00	100.00	100.00	0.00	40,150.00	40,150.00	0.00
	Schedule Total :4217401				593,130.00	805.00	802.00	3.00	423,345.89	411,818.00	11,527.89
	Claim Total :				593,130.00	805.00	802.00	3.00	423,345.89	411,818.00	11,527.89

DSDIP - RTI Release

RTI Document No. 94

SHIRE OF FLINDERS

Address Correspondence to:
Chief Executive Officer
PO Box 274 Hughenden Q 4821
34 Gray St, Hughenden Q 4821
ABN 24 420 911 643

P. 07 4741 2900
F. 07 4741 1741
E. flinders@flinders.qld.gov.au
W. www.flinders.qld.gov.au

PURCHASE ORDER

GHD Pty Ltd

PO Box 930
TOWNSVILLE QLD 4810

Bus Phone 07 4720 0400
Bus Fax 07 4772 6514

Order No: 9613 **Page: 1**
Order Type: Direct
Date: 03/06/2013

Please Quote Order Number on Delivery Docket & Tax Invoice. All Prices include GST Where Applicable.

Due By: 31/12/2013

SPECIAL INSTRUCTIONS :
Balance outstanding on Hughenden Sewerage Upgrade - Contract No: 4217401

ITEM DESCRIPTION	PRODUCT CODE	PART NUMBER	QUANTITY	UNIT	UNIT PRICE	ORDER VALUE
PM-RFT Procurement Hourly Rates 28/5 36% ; 28/6 69% - NIL 015 *			1.00	EACH	8,745.00	8,745.00
PM - Construction Lump Sum 30/7 1%			1.00	EACH	113,067.90	113,067.90
PM - Construction Hourly Rates 30/7 4%			1.00	EACH	14,219.70	14,219.70
TD-RFT Procurement Hourly Rates 28/5 4% ; 28/6 51% - NIL 015 *			1.00	EACH	13,470.60	13,470.60
TD - Construction Hourly Rates 30/7 6% .			1.00	EACH	65,005.60	65,005.60
				Total Order Value		214,508.80

* W1738.9002.401.

28/5/13 Inv#4236205 $9350.00.
28/6/13 Inv#4236500 $15868.60.
30/7/13 Inv#4236715 $12680.68.

Purchasing Contact: C J Alloway

Authorised by: S A McCartney

DSDIP RTI Release

RTI Document No. 95

Rf 7

Flinders Shire Council

Water Flouride Implementation - Hughenden

Date: **Tuesday, 19th N ovember 2012**

Contractor: **Auzcot Civil**

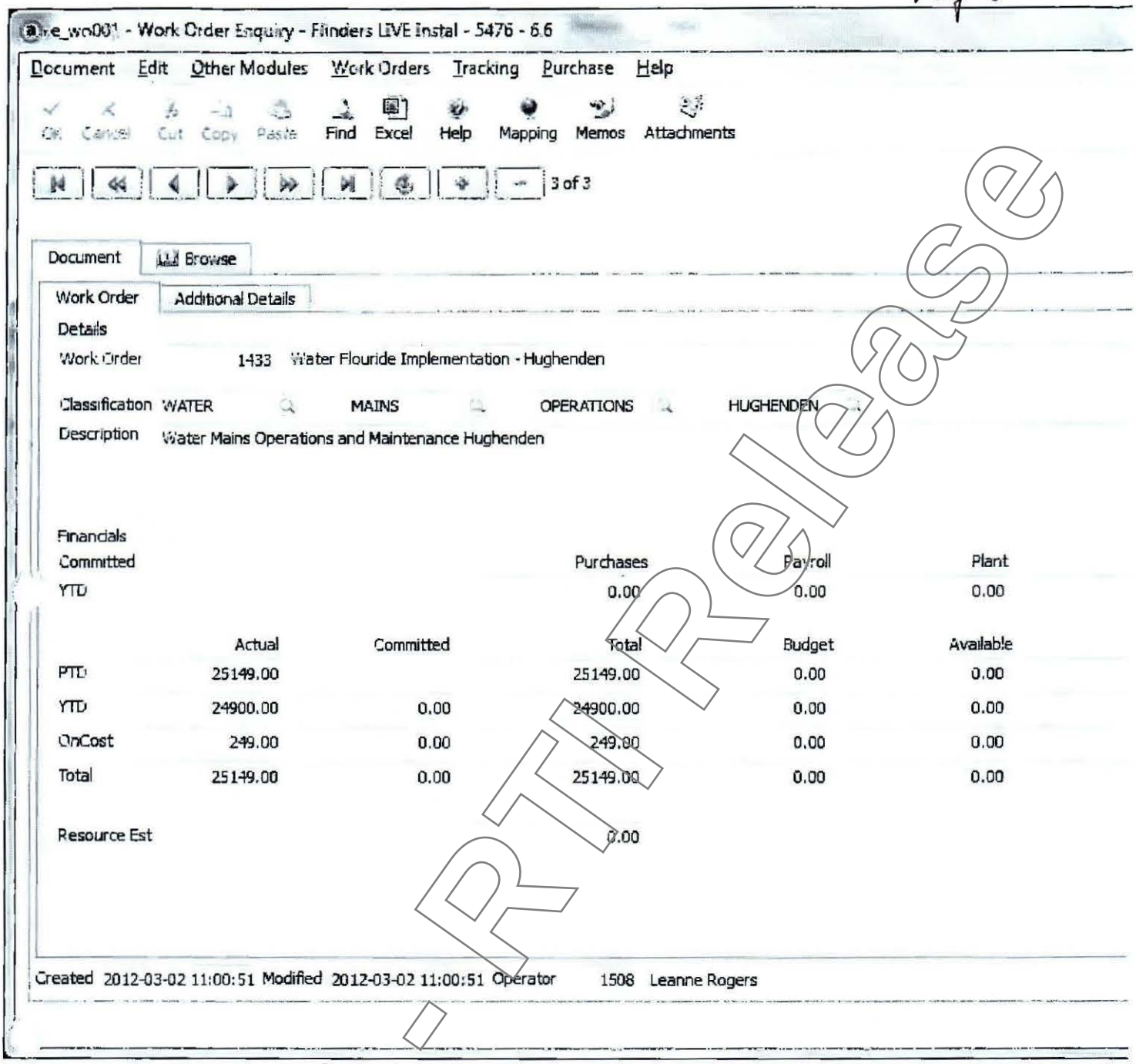
Account	Contractor	Works Order	Expenses to 30 June 2012	Expenses to 30 June 2013	Payments 1/7/13 to 19/11/2013 EX GST
	Douglas Partners	1651		6,928.60	
	Ergon Energy	1651		-	229.54
1076	Auzcot Civil	1651		-	875,758.52
	GJ Jones Electrical			-	
	LGIS-Local Government Ifrastructure Services			-	
	Local Buy Probity Services			-	-
	MacDonnells Law			-	
	Wages and Contractors and Materials	1651		93,576.50	4,797.50
	Wages and Contractors and Materials	1433	32,684.60	0	
	Total		**32,684.60**	**100,505.10**	**880,785.56**

Subsidy Claim Form Amounts

Actual Costs (spent to Date)	1,013,975.26
Total Eligible Project Cost	1,013,975.26
Approved Subsidy Amount	1,013,975.26
Council Contributions	-
Subsidy Due (GST Exclusive)	1,013,975.26
Less Previous Subsidy Claims Paid (GST Exclusive)	143,700.00
Total Subsidy Due this Claim	870,275.26

DSDIP - RTI Release

RJ8



are_wo001 - Work Order Enquiry - Flinders LIVE Instal - 5476 - 6.6

Document Edit Other Modules Work Orders Tracking Purchase Help

OK Cancel Cut Copy Paste Find Excel Help Mapping Memos Attachments

3 of 3

Document Browse

Work Order Additional Details

Details

Work Order 1433 Water Flouride Implementation - Hughenden

Classification WATER MAINS OPERATIONS HUGHENDEN

Description Water Mains Operations and Maintenance Hughenden

Financials

Committed	Purchases	Payroll	Plant
YTD	0.00	0.00	0.00

	Actual	Committed	Total	Budget	Available
PTD	25149.00		25149.00	0.00	0.00
YTD	24900.00	0.00	24900.00	0.00	0.00
OnCost	249.00	0.00	249.00	0.00	0.00
Total	25149.00	0.00	25149.00	0.00	0.00

Resource Est 0.00

Created 2012-03-02 11:00:51 Modified 2012-03-02 11:00:51 Operator 1508 Leanne Rogers

DSDIP - RTI Release

trn_dte	pst_yer	pst_per	lgr_acc	trn_cde	trn_nme	trn_ref	src_mdu	src_acc	acc_nme	act_val	act_onc	com_val	trn_dsc	
Date	Year	Period	Ledger Account	Tran Code	Type	Reference	Src Mdu	Source Account	Account Name	Actual	Oncost	Committed	Transaction Description	
28/06/2013	2013	12	03470.0500.0401	201	Invoice INV	4236509	AP	1076.01 ✓	GHD Pty Ltd	23100	231	0	Hughenden Flouridation - Detailed Design	264
28/03/2013	2013	9	03470.0500.0401	201	Invoice INV	4235673	AP	1076.01 ✓	GHD Pty Ltd	1800	18	0	Hughenden Flouridation - Detailed Design	227
14/03/2013	2013	9	03470.0500.0401	9901	Journal Manual JRN	707/2013	GL	03470.0500.0401	Contractors	-67750	-677.5	0	Capital not Maintenance	
12/03/2013	2013	9	03470.0500.0401	201	Invoice INV	4235598	AP	1076.01 ✓	GHD Pty Ltd	24800	248	0	Hughenden Fluoridation - Detailed Design	219
12/02/2013	2013	8	03470.0500.0401	201	Invoice INV	4235307	AP	1076.01 ✓	GHD Pty Ltd	5290	52.9	0	Hughenden Fluoridation - Detailed Design	212
05/01/2013	2013	7	03470.0500.0401	201	Invoice INV	4235017	AP	1076.01 ✓	GHD Pty Ltd	4705	47.05	0	Hughenden Fluoridation - Detailed Design	201
12/12/2012	2013	6	03470.0500.0401	201	Invoice INV	4234717	AP	1076.01 ✓	GHD Pty Ltd	11065	110.65	0	Hughenden Fluoridation - Detailed Design	191
03/08/2012	2013	2	03470.0500.0401	201	Invoice INV	4233796	AP	1076.01 ✓	GHD Pty Ltd	10560	105.6	0	Hughenden Fluoridation - Detailed Design: Site	145
01/08/2012	2013	2	03470.0500.0401	201	Invoice INV	4233599	AP	1076.01 ✓	GHD Pty Ltd	11330	113.3	0	Fluoride Facility - D&D, DS & OM, New Trunk Mains	143
										24900	249	25149		

DSDIP - RTI Release

Address Correspondence to:
Chief Executive Officer
PO Box 274 Hughenden Q 4821
34 Gray St, Hughenden Q 4821
ABN 24 420 911 643

P. 07 4741 2900
F. 07 4741 1741
E: creditors@flinders.qld.gov.au
W: www.flinders.qld.gov.au

COPY

SHIRE OF FLINDERS

Advice Date: 4/07/2013
Creditor Account: 1,076.01

GHD Pty Ltd
PO Box 930
TOWNSVILLE QLD 4810

Attention: Remittance Advice
Fax: 07 4772 6514

Date	Reference	Type	Invoice	Credit
28/06/2013	4236509	INV	25,410.00	

TRANSFER: **$25,410.00**

The net balance of $25,410.00 has been credited to your bank account.
If you have any query relating to the information provided, please contact Council's Creditors Section at the number shown above.

Authorisation: Sch. 4(4)(6)

DSDIP - RTI Release

RTI Document No. 99

CLIENTS | PEOPLE | PERFORMANCE

TAX INVOICE [redacted]

ABN 39 008 488 373

DATE : 28/06/2013

Flinders Shire Council

PO BOX 274

Hughenden QLD 4821

Job Number : 4217389

Debtor Number : 4200301

Invoice To : 25/06/2013

Attn : Steve Turner

Hughenden Fluoridation - Detailed Design

Works in accordance with GHD Proposal 42/16744/47735 Dated 18th April 2012 and FSC Acceptance (signed GHD Consultancy Agreement, sent via email 22nd November 2012). Final project variations for reduced scope in accordance with GHD email to FSC dated 21st June 2013 that result in a final Contract value of $97,400 (excl. GST).

Original Lump Sum Fee	$104,250.00
Approved Variations	($6,850.00)
Total Lump Sum Fee (Excluding GST)	**$97,400.00**

Refer attached schedule for details

Total Claimed To Date (Excluding GST)	$92,650.00
Less Previous Claims	$69,550.00
This Claim	**$23,100.00**
GST	$2,310.00
THIS TAX INVOICE	[redacted]

Payments can be made to GHD at Westpac: BSB No: 032003 Account No: 316146

Please quote your "Debtor Number" shown above as reference for the payments.

"This is a payment claim made under the Building and Construction Industry Payments Act 2004 (QLD)"

Payment of this invoice is due within 14 days of the invoice date or as stated per the contract agreement.

W1433. 140.401.

APPROVED

BY Sch. 4(4)(6)

DATE 28.6.13.

GHD Pty Ltd ABN 39 008 488 373 Level 1, 42 Sturt Street Townsville QLD 4810 PO Box 930 Townsville QLD 4810 Australia
T 61 7 4720 0400 F 61 7 4772 6514 E tsvmail@ghd.com.au W www.ghd.com.au

ENT.

DSDIP - RTI Release

SHIRE OF FLINDERS

Address Correspondence to:
Chief Executive Officer
PO Box 274 Hughenden Q 4821
34 Gray St, Hughenden Q 4821
ABN 24 420 911 643

P. 07 4741 2900
F. 07 4741 1741
E: creditors@flinders.qld.gov.au
W: www.flinders.qld.gov.au

Advice Date: 4/04/2013
Creditor Account: 1,076.01

GHD Pty Ltd
PO Box 930
TOWNSVILLE QLD 4810

Attention: Remittance Advice
Fax: 07 4772 6514

Date	*Reference*	*Type*	*Invoice*	*Credit*
26/03/2013	4235786	INV	44,452 10	
27/03/2013	4235673	INV	1,980.00	

TRANSFER: **$46,432.10**

The net balance of $46,432.10 has been credited to your bank account.
If you have any query relating to the information provided, please contact Council's Creditors Section at the number shown above.

Authorisation: Sch. 4(4)(6)

DSDIP - RTI Release

RTI Document No. 101

GHD CLIENTS | PEOPLE | PERFORMANCE

914

TAX INVOICE 4235786

ABN 39 008 488 373

DATE : 26/03/2013

Flinders Shire Council

PO BOX 274

Hughenden QLD 4821

Job Number : 4217401

Debtor Number : 4200301

Invoice To : 26/03/2013

Attn : Steve Turner

Hughenden Sewerage Upgrade

Invoicing in accordance with GHD Proposal and Approved Variations.

Original Lump Sum Fee	$455,738.50
Approved Variations	$127,891.00
Total Lump Sum Fee (Excluding GST)	**$583,629.50**

Refer attached schedule for details

Total Claimed To Date (Excluding GST)	$384,884.50
Less Previous Claims	$344,473.50
This Claim	**$40,411.00**
GST	$4,041.10
THIS TAX INVOICE	**$44,452.10**

Payments can be made to GHD at Westpac: BSB No: 032003 Account No: 316146

Please quote your "Debtor Number" shown above as reference for the payments.

"This is a payment claim made under the Building and Construction Industry Payments Act 2004 (QLD)"

Payment of this invoice is due within 14 days of the invoice date or as stated per the contract agreement.

WORKS/GL NO.

W1558.9002.401

APPROVED

Sch. 4(4)(6)

27/3/13

GHD Pty Ltd ABN 39 008 488 373 Level 1, 42 Sturt Street Townsville QLD 4810 PO Box 930 Townsville QLD 4810 Australia
T 61 7 4720 0400 F 61 7 4772 6514 E tsvmail@ghd.com.au W www.ghd.com.au

ENTERED

DSDIP - RTI Release

GHD Workbench

Contract Claim Schedule - All Items

Contract No : 4217401 **Postal Details :** PO BOX 274 **Claim No :** 10

Contract Name : Hughenden Sewerage Upgrade **Claim Date :** 26/03/2013

Client Name : Flinders Shire Council Hughenden

Claim Details : Invoicing in accordance with GHD Proposal and Approved Variations. QLD

Output Code	Output Code Description	Schedule Qty	Schedule Unit	Schedule Rate	Schedule Amount	Total Qty To Date	less Prev Qty	Qty this Claim	Total Claim To Date	Less Prev Claims	Value This Claim
Schedule : 4217401	**Schedule 4217401**										
01	PM - EOI Phase Lump Sum	100.00	%	412.70	41,270.00	100.00	100.00	0.00	41,270.00	41,270.00	0.00
02	PM - RFT Procurement Lump Sum	100.00	%	338.03	33,803.00	100.00	100.00	0.00	33,803.00	33,803.00	0.00
03	PM - RFT Procurement Hourly Rates	1.00	EA	19,950.00	19,950.00	0.00	0.00	0.00	10,000.00	8,000.00	2,000.00
04	PM - Construction Lump Sum	100.00	%	1,027.89	102,789.00	0.00	0.00	0.00	0.00	0.00	0.00
05	PM - Construction Hourly Rates	1.00	EA	12,927.00	12,927.00	0.00	0.00	0.00	0.00	0.00	0.00
06	TD - EOI Phase Lump Sum	100.00	%	137.60	13,760.00	100.00	100.00	0.00	13,760.00	13,760.00	0.00
07	TD - EOI Phase Hourly Rates	1.00	EA	18,411.00	18,411.00	0.00	0.00	0.00	18,411.00	18,411.00	0.00
08	TD - RFT Procurement Lump Sum	100.00	%	658.53	65,853.00	100.00	100.00	0.00	65,853.00	65,853.00	0.00
09	TD - RFT Procurement Hourly Rates	1.00	EA	68,537.00	68,537.00	0.00	0.00	0.00	56,291.00	50,000.00	6,291.00
10	TD - Construction Hourly Rates	1.00	EA	59,096.00	59,096.00	0.00	0.00	0.00	0.00	0.00	0.00
11	TD - North Hughenden Sewerage Lump Sur	100.00	%	595.94	59,594.00	100.00	100.00	0.00	59,594.00	59,594.00	0.00
12	TD - Sewage Characterisation	100.00	%	315.60	31,560.00	100.00	100.00	0.00	31,560.00	31,560.00	0.00
13	TD - ERA Application	100.00	%	162.00	16,200.00	100.00	100.00	0.00	16,200.00	16,200.00	0.00
14	TD - Low Pressure Sewer Design	100.00	%	401.50	40,150.00	95.00	15.00	80.00	38,142.50	6,022.50	32,120.00
		Schedule Total :4217401			583,900.00	795.00	715.00	80.00	384,884.50	344,473.50	40,411.00
		Claim Total :			583,900.00	795.00	715.00	80.00	384,884.50	344,473.50	40,411.00

DSDIP-RTI Release

RTI Document No. 103

CR# 1070.

GHD CLIENTS PEOPLE PERFORMANCE

1014

TAX INVOICE 4235673

ABN 39 008 488 373

DATE : 27/03/2013

Flinders Shire Council

PO BOX 274

Hughenden QLD 4821

Job Number : 4217389

Debtor Number : 4200301

Invoice To : 24/03/2013

Attn : Steve Turner

Hughenden Fluoridation - Detailed Design

Works in accordance with GHD Proposal 42/16744/47735 Dated 18th April 2012 and FSC Acceptance (signed GHD Consultancy Agreement, sent via email 22nd November 2012).

Original Lump Sum Fee	$104,250.00
Approved Variations	$0.00
Total Lump Sum Fee (Excluding GST)	**$104,250.00**

Refer attached schedule for details

Total Claimed To Date (Excluding GST)	$69,550.00
Less Previous Claims	$67,750.00
This Claim	**$1,800.00**
GST	$180.00
THIS TAX INVOICE	**$1,980.00**

Payments can be made to GHD at Westpac: BSB No: 032003 Account No: 316146

Please quote your "Debtor Number" shown above as reference for the payments.

"This is a payment claim made under the Building and Construction Industry Payments Act 2004 (QLD)"

Payment of this invoice is due within 14 days of the invoice date or as stated per the contract agreement.

WORKS/GL NO.
W1433.146.401

APPROVED
Sch. 4(4)(6)
28/3/13.

GHD Pty Ltd ABN 39 008 488 373 Level 1, 42 Sturt Street Townsville QLD 4810 PO Box 930 Townsville QLD 4810 Australia
T 61 7 4720 0400 F 61 7 4772 6514 E tsvmail@ghd.com.au W www.ghd.com.au

ENTERED

DSDIP - RTI Release

GHD Workbench

Contract Claim Schedule - All Items

Contract No : 4217389 **Postal Details :** PO BOX 274 **Claim No :** 7

Contract Name : Hughenden Fluoridation - Detailed Design **Claim Date :** 27/03/2013

Client Name : Flinders Shire Council Hughenden

Claim Details : Works in accordance with GHD Proposal 42/16744/47735 Dated 18th April 2012 and FSC Acceptance (signed GHD Consultancy Agreement, sent via email 22nd November 2012). QLD

Output Code	Output Code Description	Schedule Qty	Schedule Unit	Schedule Rate	Schedule Amount	Total Qty To Date	less Prev Qty	Qty this Claim	Total Claim To Date	Less Prev Claims	Value This Claim
Schedule : 4217389	**Schedule 4217389**										
A1.1	Fluoride Facility- D&D	100.00	%	240.00	24,000.00	100.00	100.00	0.00	24,000.00	24,000.00	0.00
A1.2	Fluoride Facility-DS & OM	100.00	%	45.00	4,500.00	100.00	100.00	0.00	4,500.00	4,500.00	0.00
A1.3	Fluoride Facility- Procure Documentation	100.00	%	20.00	2,000.00	100.00	100.00	0.00	2,000.00	2,000.00	0.00
A1.4	Fluoride Facility- Procure Suppliers & Contr	100.00	%	45.00	4,500.00	90.00	50.00	40.00	4,050.00	2,250.00	1,800.00
A1.5	Fluoride Facility-Site Presence & Inspection	100.00	%	255.00	25,500.00	0.00	0.00	0.00	0.00	0.00	0.00
A1.6	Fluoride Facility- Super Mtnce Liability Perio	100.00	%	42.00	4,200.00	0.00	0.00	0.00	0.00	0.00	0.00
A1.7	Fluoride Facility -Completion Report	100.00	%	45.50	4,550.00	0.00	0.00	0.00	0.00	0.00	0.00
B2.1	New Trunk Mains- Start up	100.00	%	32.00	3,200.00	100.00	100.00	0.00	3,200.00	3,200.00	0.00
B2.2	New Trunk Mains - DD New Water Pipelines	100.00	%	253.00	25,300.00	100.00	100.00	0.00	25,300.00	25,300.00	0.00
B2.3	New Trunk Mains- DD Booster Pump Statio	100.00	%	65.00	6,500.00	100.00	100.00	0.00	6,500.00	6,500.00	0.00
	Schedule Total :4217389				104,250.00	690.00	650.00	40.00	69,550.00	67,750.00	1,800.00
	Claim Total :				104,250.00	690.00	650.00	40.00	69,550.00	67,750.00	1,800.00

DSDIP - RTI Release

RTI Document No. 105

Address Correspondence to:
Chief Executive Officer
PO Box 274 Hughenden Q 4821
34 Gray St, Hughenden Q 4821
ABN 24 420 911 643

P. 07 4741 2900
F. 07 4741 1741
E: creditors@flinders.qld.gov.au
W: www.flinders.qld.gov.au

SHIRE OF FLINDERS

COPY

Advice Date: 14/03/2013
Creditor Account: 1,076.01

GHD Pty Ltd
PO Box 930
TOWNSVILLE QLD 4810

Attention: Remittance Advice
Fax: 07 4772 6514

Date	*Reference*	*Type*	*Invoice*	*Credit*
01/03/2013	4235598	INV	27,280.00	

TRANSFER: **$27,280.00**

The net balance of $27,280.00 has been credited to your bank account.
If you have any query relating to the information provided, please contact Council's Creditors Section at the number shown above.

Authorisation: Sch. 4(4)(6)

DSDIP - RTI Release

RTI Document No. 106

GHD CLIENTS|PEOPLE|PERFORMANCE

TAX INVOICE [redacted]

ABN 39 008 488 373

DATE : 1/03/2013

Flinders Shire Council

PO BOX 274

Hughenden QLD 4821

Job Number : 4217389

Debtor Number : 4200301

Invoice To : 27/02/2013

Attn : Steve Turner

Hughenden Fluoridation - Detailed Design

Works in accordance with GHD Proposal 42/16744/47735 Dated 18th April 2012 and FSC Acceptance (signed GHD Consultancy Agreement, sent via email 22nd November 2012).

Original Lump Sum Fee	$104,250.00
Approved Variations	$0.00
Total Lump Sum Fee (Excluding GST)	**$104,250.00**

Refer attached schedule for details

Total Claimed To Date (Excluding GST)	$67,750.00
Less Previous Claims	$42,950.00
This Claim	**$24,800.00**
GST	$2,480.00
THIS TAX INVOICE	[redacted]

Payments can be made to GHD at Westpac: BSB No: 032003 Account No: 316146

Please quote your "Debtor Number" shown above as reference for the payments.

"This is a payment claim made under the Building and Construction Industry Payments Act 2004 (QLD)"

Payment of this invoice is due within 14 days of the invoice date or as stated per the contract agreement.

WORKS/GL NO. W1433.146.401

APPROVED Sch. 4(4)(6) 11/3/13

GHD Pty Ltd ABN 39 008 488 373 Level 1, 42 Sturt Street Townsville QLD 4810 PO Box 930 Townsville QLD 4810 Australia
T [redacted] 6514 E tsvmail@ghd.com.au W www.ghd.com.au

ENTERED

DSDIP - RTI Release

GHD Workbench

Contract Claim Schedule - All Items

Contract No : 4217389 **Postal Details :** PO BOX 274 **Claim No :** 6

Contract Name : Hughenden Fluoridation - Detailed Design **Claim Date :** 1/03/2013

Client Name : Flinders Shire Council Hughenden

Claim Details : Works in accordance with GHD Proposal 42/16744/47735 Dated 18th April 2012 and FSC Acceptance (signed GHD Consultancy Agreement, sent via email 22nd November 2012). QLD

Output Code	Output Code Description	Schedule Qty	Schedule Unit	Schedule Rate	Schedule Amount	Total Qty To Date	less Prev Qty	Qty this Claim	Total Claim To Date	Less Prev Claims	Value This Claim
Schedule : 4217389	**Schedule 4217389**										
A1.1	Fluoride Facility- D&D	100.00	%	240.00	24,000.00	100.00	50.00	50.00	24,000.00	12,000.00	12,000.00
A1.2	Fluoride Facility-DS & OM	100.00	%	45.00	4,500.00	100.00	60.00	40.00	4,500.00	2,700.00	1,800.00
A1.3	Fluoride Facility- Procure Documentation	100.00	%	20.00	2,000.00	100.00	60.00	40.00	2,000.00	1,200.00	800.00
A1.4	Fluoride Facility- Procure Suppliers & Contr	100.00	%	45.00	4,500.00	50.00	0.00	50.00	2,250.00	0.00	2,250.00
A1.5	Fluoride Facility-Site Presence & Inspection	100.00	%	255.00	25,500.00	0.00	0.00	0.00	0.00	0.00	0.00
A1.6	Fluoride Facility- Super Mtnce Liability Perio	100.00	%	42.00	4,200.00	0.00	0.00	0.00	0.00	0.00	0.00
A1.7	Fluoride Facility -Completion Report	100.00	%	45.50	4,550.00	0.00	0.00	0.00	0.00	0.00	0.00
B2.1	New Trunk Mains- Start up	100.00	%	32.00	3,200.00	100.00	100.00	0.00	3,200.00	3,200.00	0.00
B2.2	New Trunk Mains - DD New Water Pipelines	100.00	%	253.00	25,300.00	100.00	75.00	25.00	25,300.00	18,975.00	6,325.00
B2.3	New Trunk Mains- DD Booster Pump Statior	100.00	%	65.00	6,500.00	100.00	75.00	25.00	6,500.00	4,875.00	1,625.00
		Schedule Total :4217389			104,250.00	650.00	420.00	230.00	67,750.00	42,950.00	24,800.00
		Claim Total :			104,250.00	650.00	420.00	230.00	67,750.00	42,950.00	24,800.00

DSDIP - RTI Release

RTI Document No. 108

SHIRE OF FLINDERS

Address Correspondence to:
Chief Executive Officer
PO Box 274 Hughenden Q 4821
34 Gray St, Hughenden Q 4821
ABN 24 420 911 643

P. 07 4741 2900
F. 07 4741 1741
E: creditors@flinders.qld.gov.au
W: www.flinders.qld.gov.au

COPY

Advice Date: 14/02/2013
Creditor Account: 1,076.01

GHD Pty Ltd
PO Box 930
TOWNSVILLE QLD 4810

Attention: Remittance Advice
Fax: 07 4772 6514

Date	*Reference*	*Type*	*Invoice*	*Credit*
31/01/2013	4235307	INV	5,819.00	

TRANSFER: **$5,819.00**

The net balance of $5,819.00 has been credited to your bank account.
If you have any query relating to the information provided, please contact Council's Creditors Section at the number shown above.

Authorisation: Sch. 4(4)(6)

DSDIP - RTI Release

RTI Document No. 109

GHD CLIENTS | PEOPLE | PERFORMANCE

14/2

FLINDERS SHIRE COUNCIL
04 FEB 2013
RECEIVED

TAX INVOICE [redacted]

ABN 39 008 488 373

DATE : 31/01/2013

Flinders Shire Council

PO BOX 274

Hughenden QLD 4821

Job Number : 4217389
Debtor Number : 4200301
Invoice To : 30/01/2013

Attn : Steve Turner

Hughenden Fluoridation - Detailed Design

Works in accordance with GHD Proposal 42/16744/47735 Dated 18th April 2012 and FSC Acceptance (signed GHD Consultancy Agreement, sent via email 22nd November 2012).

Original Lump Sum Fee	$104,250.00
Approved Variations	$0.00
Total Lump Sum Fee (Excluding GST)	**$104,250.00**

Refer attached schedule for details

Total Claimed To Date (Excluding GST)	$42,950.00
Less Previous Claims	$37,660.00
This Claim	**$5,290.00**
GST	$529.00
THIS TAX INVOICE	[redacted]

Payments can be made to GHD at Westpac: BSB No: 032003 Account No: 316146
Please quote your "Debtor Number" shown above as reference for the payments.
"This is a payment claim made under the Building and Construction Industry Payments Act 2004 (QLD)"
Payment of this invoice is due within 14 days of the invoice date or as stated per the contract agreement.

WORKS/GL NO.
WH433.146.401

APPROVED
Sch. 4(4)(6)
11/2/13

GHD Pty Ltd ABN 39 008 488 373 Level 1, 42 Sturt Street Townsville QLD 4810 PO Box 930 Townsville QLD 4810 Australia
T 61 7 4720 0400 **F** 61 7 4772 6514 **E** tsvmail@ghd.com.au **W** www.ghd.com.au

ENTERED

DSDIP - RTI Release

GHD Workbench

Contract Claim Schedule - All Items

Contract No : 4217389
Contract Name : Hughenden Fluoridation - Detailed Design
Client Name : Flinders Shire Council
Claim Details : Works in accordance with GHD Proposal 42/16744/47735 Dated 18th April 2012 and FSC Acceptance (signed GHD Consultancy Agreement, sent via email 22nd November 2012).

Postal Details : PO BOX 274
Hughenden
QLD

Claim No : 5
Claim Date : 30/01/2013

Output Code	Output Code Description	Schedule Qty	Schedule Unit	Schedule Rate	Schedule Amount	Total Qty To Date	less Prev Qty	Qty this Claim	Total Claim To Date	Less Prev Claims	Value This Claim
Schedule : 4217389	**Schedule 4217389**										
A1.1	Fluoride Facility- D&D	100.00	%	240.00	24,000.00	50.00	40.00	10.00	12,000.00	9,600.00	2,400.00
A1.2	Fluoride Facility-DS & OM	100.00	%	45.00	4,500.00	60.00	40.00	20.00	2,700.00	1,800.00	900.00
A1.3	Fluoride Facility- Procure Documentation	100.00	%	20.00	2,000.00	60.00	40.00	20.00	1,200.00	800.00	400.00
A1.4	Fluoride Facility- Procure Suppliers & Contr	100.00	%	45.00	4,500.00	0.00	0.00	0.00	0.00	0.00	0.00
A1.5	Fluoride Facility-Site Presence & Inspection	100.00	%	255.00	25,500.00	0.00	0.00	0.00	0.00	0.00	0.00
A1.6	Fluoride Facility- Super Mtnce Liability Perio	100.00	%	42.00	4,200.00	0.00	0.00	0.00	0.00	0.00	0.00
A1.7	Fluoride Facility -Completion Report	100.00	%	45.50	4,550.00	0.00	0.00	0.00	0.00	0.00	0.00
B2.1	New Trunk Mains- Start up	100.00	%	32.00	3,200.00	100.00	100.00	0.00	3,200.00	3,200.00	0.00
B2.2	New Trunk Mains - DD New Water Pipelines	100.00	%	253.00	25,300.00	75.00	70.00	5.00	18,975.00	17,710.00	1,265.00
B2.3	New Trunk Mains- DD Booster Pump Statior	100.00	%	65.00	6,500.00	75.00	70.00	5.00	4,875.00	4,550.00	325.00
	Schedule Total :4217389				104,250.00	420.00	360.00	60.00	42,950.00	37,660.00	5,290.00
	Claim Total :				104,250.00	420.00	360.00	60.00	42,950.00	37,660.00	5,290.00

DSDIP - RTI Release

RTI Document No. 111

TO WHOM IT MAY CONCERN

Update of Account Contact Details

GHD are currently updating our database. To ensure your company details are correct, please complete the form below and email to cairns.accounts@ghd.com

Company Name:	
ACN:	
ABN:	
Account Postal Address:	
Accounts Contact:	
Accounts Phone:	
Accounts Email:	

Note: GHD are moving towards an electronic invoicing system.

Any queries, please contact: Kellie Ruddick (GHD Finance)
Phone: 61 7 4044 2223
Fax: 61 7 4044 2288

GHD Pty Ltd ABN 39 008 488 373
1st Floor 85 Spence Street Cairns QLD 4870 PO Box 819 Cairns QLD 4870 Australia
T 61 7 4044 2222 **F** 61 7 4044 2288 **E** cnsmail@ghd.com **W** www.ghd.com

DSDIP - RTI Release

RTI Document No. 112

Address Correspondence to:
Chief Executive Officer
PO Box 274 Hughenden Q 4821
34 Gray St, Hughenden Q 4821
ABN 24 420 911 643

P. 07 4741 2900
F. 07 4741 1741
E: creditors@flinders.qld.gov.au
W: www.flinders.qld.gov.au

SHIRE OF FLINDERS

COPY

Advice Date: 10/01/2013
Creditor Account: 1,076.01

GHD Pty Ltd
PO Box 930
TOWNSVILLE QLD 4810

Attention: Remittance Advice
Fax: 07 4772 6514

Date	*Reference*	*Type*	*Invoice*	*Credit*
18/12/2012	4235017	INV	5,175.50	
18/12/2012	4235102	INV	11,836.66	

TRANSFER: **$17,012.16**

The net balance of $17,012.16 has been credited to your bank account.
If you have any query relating to the information provided, please contact Council's Creditors Section at the number shown above.

Authorisation: Sch. 4(4)(6)

DSDIP - RTI Release

RTI Document No. 113

FLINDERS SHIRE COUNCIL
20 DEC 2012
RECEIVED

GHD CLIENTS PEOPLE PERFORMANCE

TAX INVOICE 4235017

ABN 39 008 488 373

DATE : 18/12/2012

Flinders Shire Council

PO BOX 274

Hughenden QLD 4821

Job Number : 4217389

Debtor Number : 4200301

Invoice To : 19/12/2012

Attn : Steve Turner

Hughenden Fluoridation - Detailed Design

Works in accordance with GHD Proposal 42/16744/47735 Dated 18th April 2012 and FSC Acceptance (signed GHD Consultancy Agreement, sent via email 22nd November 2012).

Original Lump Sum Fee	$104,250.00
Approved Variations	$0.00
Total Lump Sum Fee (Excluding GST)	**$104,250.00**

Refer attached schedule for details

Total Claimed To Date (Excluding GST)	$37,660.00
Less Previous Claims	$32,955.00
This Claim	**$4,705.00**
GST	$470.50
THIS TAX INVOICE	**$5,175.50**

Payments can be made to GHD at Westpac: BSB No: 032003 Account No: 316146

Please quote your "Debtor Number" shown above as reference for the payments.

"This is a payment claim made under the Building and Construction Industry Payments Act 2004 (QLD)"

Payment of this invoice is due within 14 days of the invoice date or as stated per the contract agreement.

APPROVED
Sch. 4(4)(6)
21 / 12 / 12

WORKS/GL NO.
W1433.140.401

GHD Pty Ltd ABN 39 008 488 373 Level 1, 42 Sturt Street Townsville QLD 4810 PO Box 930 Townsville QLD 4810 Australia
T 61 7 4720 [illegible] F 61 7 4772 6514 E tsvmail@ghd.com.au W www.ghd.com.au

ENTERED

DSDIP - RTI Release

GHD Workbench

Contract Claim Schedule - All Items

Contract No : 4217389
Contract Name : Hughenden Fluoridation - Detailed Design
Client Name : Flinders Shire Council
Claim Details : Works in accordance with GHD Proposal 42/16744/47735 Dated 18th April 2012 and FSC Acceptance (signed GHD Consultancy Agreement, sent via email 22nd November 2012).

Postal Details : PO BOX 274
Hughenden
QLD

Claim No : 4
Claim Date : 18/12/2012

Output Code	Output Code Description	Schedule Qty	Schedule Unit	Schedule Rate	Schedule Amount	Total Qty To Date	less Prev Qty	Qty this Claim	Total Claim To Date	Less Prev Claims	Value This Claim
Schedule : 4217389	**Schedule 4217389**										
A1.1	Fluoride Facility- D&D	100.00	%	240.00	24,000.00	40.00	35.00	5.00	9,600.00	8,400.00	1,200.00
A1.2	Fluoride Facility-DS & OM	100.00	%	45.00	4,500.00	40.00	35.00	5.00	1,800.00	1,575.00	225.00
A1.3	Fluoride Facility- Procure Documentation	100.00	%	20.00	2,000.00	40.00	35.00	5.00	800.00	700.00	100.00
A1.4	Fluoride Facility- Procure Suppliers & Contra	100.00	%	45.00	4,500.00	0.00	0.00	0.00	0.00	0.00	0.00
A1.5	Fluoride Facility-Site Presence & Inspection	100.00	%	255.00	25,500.00	0.00	0.00	0.00	0.00	0.00	0.00
A1.6	Fluoride Facility- Super Mince Liability Perio	100.00	%	42.00	4,200.00	0.00	0.00	0.00	0.00	0.00	0.00
A1.7	Fluoride Facility -Completion Report	100.00	%	45.50	4,550.00	0.00	0.00	0.00	0.00	0.00	0.00
B2.1	New Trunk Mains- Start up	100.00	%	32.00	3,200.00	100.00	100.00	0.00	3,200.00	3,200.00	0.00
B2.2	New Trunk Mains - DD New Water Pipelines	100.00	%	253.00	25,300.00	70.00	60.00	10.00	17,710.00	15,180.00	2,530.00
B2.3	New Trunk Mains- DD Booster Pump Statior	100.00	%	65.00	6,500.00	70.00	60.00	10.00	4,550.00	3,900.00	650.00
		Schedule Total :4217389			104,250.00	360.00	325.00	35.00	37,660.00	32,955.00	4,705.00
		Claim Total :			104,250.00	360.00	325.00	35.00	37,660.00	32,955.00	4,705.00

DSDIP - RTI Release

RTI Document No. 115

GHD CLIENTS PEOPLE PERFORMANCE

FLINDERS SHIRE COUNCIL
20 DEC 2012
RECEIVED

TAX INVOICE 4235102

ABN 39 008 488 373

DATE : 18/12/2012

Flinders Shire Council

PO BOX 274

Hughenden QLD 4821

Job Number : 4217401

Debtor Number : 4200301

Invoice To : 17/12/2012

Attn : Steve Turner

Hughenden Sewerage Upgrade

Original Lump Sum Fee	$455,738.50
Approved Variations	$47,760.00
Total Lump Sum Fee (Excluding GST)	**$503,498.50**

Refer attached schedule for details

Total Claimed To Date (Excluding GST)	$295,951.00
Less Previous Claims	$285,190.40
This Claim	**$10,760.60**
GST	$1,076.06
THIS TAX INVOICE	**$11,836.66**

Payments can be made to GHD at Westpac: BSB No: 032003 Account No: 316146

Please quote your "Debtor Number" shown above as reference for the payments.

"This is a payment claim made under the Building and Construction Industry Payments Act 2004 (QLD)"

Payment of this invoice is due within 14 days of the invoice date or as stated per the contract agreement

WORKS/GL NO.
W1558.9002.401

APPROVED
Sch. 4(4)(6)
21/12/12

GHD Pty Ltd ABN 39 008 488 373 Level 1, 42 Sturt Street Townsville QLD 4810 PO Box 930 Townsville QLD 4810 Australia
T 61 7 4720 0400 **F** 61 7 4772 6514 **E** tsvmail@ghd.com.au **W** www.ghd.com.au

ENTERED

DSDIP - RTI Release

GHD Workbench

Contract Claim Schedule - All Items

Contract No : 4217401
Contract Name : Hughenden Sewerage Upgrade
Client Name : Flinders Shire Council
Claim Details :

Postal Details : PO BOX 274
Hughenden
QLD

Claim No : 7
Claim Date : 18/12/2012

Output Code	Output Code Description	Schedule Qty	Schedule Unit	Schedule Rate	Schedule Amount	Total Qty To Date	less Prev Qty	Qty this Claim	Total Claim To Date	Less Prev Claims	Value This Claim
Schedule : 4217401	**Schedule 4217401**										
01	PM - EOI Phase Lump Sum	100.00	%	412.70	41,270.00	100.00	100.00	0.00	41,270.00	41,270.00	0.00
02	PM - RFT Procurement Lump Sum	100.00	%	338.03	33,803.00	100.00	80.00	20.00	33,803.00	27,042.40	6,760.60
03	PM - RFT Procurement Hourly Rates	1.00	EA	3,907.00	3,907.00	0.00	0.00	0.00	3,000.00	1,500.00	1,500.00
04	PM - Construction Lump Sum	100.00	%	1,027.89	102,789.00	0.00	0.00	0.00	0.00	0.00	0.00
05	PM - Construction Hourly Rates	1.00	EA	12,927.00	12,927.00	0.00	0.00	0.00	0.00	0.00	0.00
06	TD - EOI Phase Lump Sum	100.00	%	137.60	13,760.00	100.00	100.00	0.00	13,760.00	13,760.00	0.00
07	TD - EOI Phase Hourly Rates	1.00	EA	18,411.00	18,411.00	0.00	0.00	0.00	18,411.00	18,411.00	0.00
08	TD - RFT Procurement Lump Sum	100.00	%	658.53	65,853.00	100.00	100.00	0.00	65,853.00	65,853.00	0.00
09	TD - RFT Procurement Hourly Rates	1.00	EA	44,329.00	44,329.00	0.00	0.00	0.00	12,500.00	10,000.00	2,500.00
10	TD - Construction Hourly Rates	1.00	EA	59,096.00	59,096.00	0.00	0.00	0.00	0.00	0.00	0.00
11	TD - North Hughenden Sewerage Lump Sur	100.00	%	595.94	59,594.00	100.00	100.00	0.00	59,594.00	59,594.00	0.00
12	TD - Sewage Characterisation	100.00	%	315.60	31,560.00	100.00	100.00	0.00	31,560.00	31,560.00	0.00
13	TD - ERA Application	100.00	%	162.00	16,200.00	100.00	100.00	0.00	16,200.00	16,200.00	0.00
	Schedule Total :4217401				503,499.00	700.00	680.00	20.00	295,951.00	285,190.40	10,760.60
	Claim Total :				503,499.00	700.00	680.00	20.00	295,951.00	285,190.40	10,760.60

DSDIP - RTI Release

RTI Document No. 117

COPY

SHIRE OF FLINDERS

Address Correspondence to:
Chief Executive Officer
PO Box 274 Hughenden Q 4821
34 Gray St, Hughenden Q 4821
ABN 24 420 911 643

P. 07 4741 2900
F. 07 4741 1741
E: creditors@flinders.qld.gov.au
W: www.flinders.qld.gov.au

Advice Date: 13/12/2012
Creditor Account: 1,076.01

GHD Pty Ltd
PO Box 930
TOWNSVILLE QLD 4810

Attention: Remittance Advice
Fax: 07 4772 6514

Date	Reference	Type	Invoice	Credit
28/11/2012	4234717	INV	12,171.50	
28/11/2012	4234863	INV	27,285.83	

TRANSFER: **$39,457.33**

The net balance of $39,457.33 has been credited to your bank account.
If you have any query relating to the information provided, please contact Council's Creditors Section at the number shown above.

Authorisation: Sch. 4(4)(6)

DSDIP - RTI Release

RTI Document No. 118

GHD CLIENTS PEOPLE PERFORMANCE

12/12

FLINDERS SHIRE COUNCIL
30 NOV 2012
RECEIVED

TAX INVOICE 4234717

ABN 39 008 488 373

DATE : 28/11/2012

Flinders Shire Council

PO BOX 274

Hughenden QLD 4821

Job Number : 4217389

Debtor Number : 4200301

Invoice To : 28/11/2012

Attn : Steve Turner

Hughenden Fluoridation - Detailed Design

Works in accordance with GHD Proposal 42/16744/47735 Dated 18th April 2012 and FSC Acceptance (signed GHD Consultancy Agreement, sent via email 22nd November 2012).

Original Lump Sum Fee	$104,250.00
Approved Variations	$0.00
Total Lump Sum Fee (Excluding GST)	**$104,250.00**

Refer attached schedule for details

Total Claimed To Date (Excluding GST)	$32,955.00
Less Previous Claims	$21,890.00
This Claim	**$11,065.00**
GST	$1,106.50
THIS TAX INVOICE	**$12,171.50**

Payments can be made to GHD at Westpac: BSB No: 032003 Account No: 316146
Please quote your "Debtor Number" shown above as reference for the payments.
"This is a payment claim made under the Building and Construction Industry Payments Act 2004 (QLD)"
Payment of this invoice is due within 14 days of the invoice date or as stated per the contract agreement.

WORKS/GL NO.
W1433.146.401

APPROVED
Sch. 4(4)(6)
5/12/12

GHD Pty Ltd ABN 39 008 488 373 Level 1, 42 Sturt Street Townsville QLD 4810 PO Box 930 Townsville QLD 4810 Australia
T 61 7 4720 0400 F 61 7 4772 6514 E tsvmail@ghd.com.au W www.ghd.com.au

ENTERED

DSDIP - RTI Release

GHD CLIENTS | PEOPLE | PERFORMANCE

12/12

FLINDERS SHIRE COUNCIL
30 NOV 2012
RECEIVED

TAX INVOICE [redacted]
ABN 39 008 488 373
DATE : 28/11/2012

Flinders Shire Council
PO BOX 274
Hughenden QLD 4821

Job Number : 4217401
Debtor Number : 4200301
Invoice To : 27/11/2012

Attn : Steve Turner

Hughenden Sewerage Upgrade

Original Lump Sum Fee	$455,738.50
Approved Variations	$47,760.00
Total Lump Sum Fee (Excluding GST)	**$503,498.50**

Refer attached schedule for details

Total Claimed To Date (Excluding GST)	$285,190.40
Less Previous Claims	$260,385.10
This Claim	**$24,805.30**
GST	$2,480.53
THIS TAX INVOICE	[redacted]

Payments can be made to GHD at Westpac: BSB No: 032003 Account No: 316146
Please quote your "Debtor Number" shown above as reference for the payments.
"This is a payment claim made under the Building and Construction Industry Payments Act 2004 (QLD)"
Payment of this invoice is due within 14 days of the invoice date or as stated per the contract agreement.

WORKS/GL NO.
W1558.9002.401

APPROVED
Sch. 4(4)(6)
5/12/12

GHD Pty Ltd ABN 39 008 488 373 Level 1, 42 Sturt Street Townsville QLD 4810 PO Box 930 Townsville QLD 4810 Australia
T 61 7 4720 0400 F 61 7 4772 6514 E tsvmail@ghd.com.au W www.ghd.com.au

ENTERED

DSDIP - RTI Release

GHD Workbench

Contract Claim Schedule - All Items

Contract No : 4217401
Contract Name : Hughenden Sewerage Upgrade
Client Name : Flinders Shire Council
Claim Details :

Postal Details : PO BOX 274
Hughenden
QLD

Claim No : 6
Claim Date : 28/11/2012

Output Code	Output Code Description	Schedule Qty	Schedule Unit	Schedule Rate	Schedule Amount	Total Qty To Date	less Prev Qty	Qty this Claim	Total Claim To Date	Less Prev Claims	Value This Claim
Schedule : 4217401	**Schedule 4217401**										
01	PM - EOI Phase Lump Sum	100.00	%	412.70	41,270.00	100.00	100.00	0.00	41,270.00	41,270.00	0.00
02	PM - RFT Procurement Lump Sum	100.00	%	338.03	33,803.00	80.00	80.00	0.00	27,042.40	27,042.40	0.00
03	PM - RFT Procurement Hourly Rates	1.00	EA	3,907.00	3,907.00	0.00	0.00	0.00	1,500.00	500.00	1,000.00
04	PM - Construction Lump Sum	100.00	%	1,027.89	102,789.00	0.00	0.00	0.00	0.00	0.00	0.00
05	PM - Construction Hourly Rates	1.00	EA	12,927.00	12,927.00	0.00	0.00	0.00	0.00	0.00	0.00
06	TD - EOI Phase Lump Sum	100.00	%	137.60	13,760.00	100.00	100.00	0.00	13,760.00	13,760.00	0.00
07	TD - EOI Phase Hourly Rates	1.00	EA	18,411.00	18,411.00	0.00	0.00	0.00	18,411.00	18,411.00	0.00
08	TD - RFT Procurement Lump Sum	100.00	%	658.53	65,853.00	100.00	90.00	10.00	65,853.00	59,267.70	6,585.30
09	TD - RFT Procurement Hourly Rates	1.00	EA	44,329.00	44,329.00	0.00	0.00	0.00	10,000.00	2,500.00	7,500.00
10	TD - Construction Hourly Rates	1.00	EA	59,096.00	59,096.00	0.00	0.00	0.00	0.00	0.00	0.00
11	TD - North Hughenden Sewerage Lump Sur	100.00	%	595.94	59,594.00	100.00	100.00	0.00	59,594.00	59,594.00	0.00
12	TD - Sewage Characterisation	100.00	%	315.60	31,560.00	100.00	100.00	0.00	31,560.00	31,560.00	0.00
13	TD - ERA Application	100.00	%	162.00	16,200.00	100.00	40.00	60.00	16,200.00	6,480.00	9,720.00
	Schedule Total :4217401				503,499.00	680.00	610.00	70.00	285,190.40	260,385.10	24,805.30
	Claim Total :				503,499.00	680.00	610.00	70.00	285,190.40	260,385.10	24,805.30

DSDIP - RTI Release

RTI Document No. 121

Address Correspondence to:
Chief Executive Officer
PO Box 274 Hughenden Q 4821
34 Gray St, Hughenden Q 4821
ABN 24 420 911 643

P. 07 4741 2900
F. 07 4741 1741
E: creditors@flinders.qld.gov.au
W: www.flinders.qld.gov.au

SHIRE OF FLINDERS

COPY

Advice Date: 9/08/2012
Creditor Account: 1,076.01

GHD Pty Ltd
PO Box 930
TOWNSVILLE QLD 4810

Attention: Remittance Advice
Fax: 07 4772 6514

Date	*Reference*	*Type*	*Invoice*	*Credit*
26/07/2012	4233796	INV	11,616.00	
Visit, Survey, Preliminary Design				
26/07/2012	4233781	INV	107,325.63	

TRANSFER: **$118,941.63**

The net balance of $118,941.63 has been credited to your bank account.
If you have any query relating to the information provided, please contact Council's Creditors Section at the number shown above.

Authorisation: Sch. 4(4)(6)

DSDIP - RTI Release

RTI Document No. 122

CR#10710

2/8

GHD CLIENTS PEOPLE PERFORMANCE

FLINDERS SHIRE COUNCIL
30 JUL 2012
RECEIVED

TAX INVOICE 4233796

ABN 39 008 488 373

DATE : 26/07/2012

Flinders Shire Council

PO BOX 274

Hughenden QLD 4821

Job Number : 4217389

Debtor Number : 4200301

Invoice To : 25/07/2012

Attn : Steve Turner

Hughenden Fluoridation - Detailed Design

Works in accordance with GHD Proposal 42/16744/47735 Dated 18 April 2012 and FSC Acceptance - INVOICE FOR WORKS UNDERTAKEN UP UNTIL STOP WORKS ORDER FROM FLUINDERS SHIRE COUNCIL ASSOCIATED WITH FLUORIDE PROGRAM UNCERTAINTY FROM QLD STATE GOVERNMENT. INCLUDES SITE VISIT, SURVEY, PRELIMINARY DESIGN

Original Lump Sum Fee	$104,250.00
Approved Variations	$0.00
Total Lump Sum Fee (Excluding GST)	**$104,250.00**

Refer attached schedule for details

Total Claimed To Date (Excluding GST)	$21,890.00
Less Previous Claims	$11,330.00
This Claim	**$10,560.00**
GST	$1,056.00
THIS TAX INVOICE	**$11,616.00**

Payments can be made to GHD at Westpac: BSB No: 032003 Account No: 316146

Please quote your "Debtor Number" shown above as reference for the payments.

"This is a payment claim made under the Building and Construction Industry Payments Act 2004 (QLD)"

Payment of this invoice is due within 14 days of the invoice date or as stated per the contract agreement.

WORKS/GL NO.
W1433.146.401

APPROVED
Sch. 4(4)(6)
21/8/12

GHD Pty Ltd ABN 39 008 488 373 Level 1, 42 Sturt Street Townsville QLD 4810 PO Box 930 Townsville QLD 4810 Australia
T 61 7 4720 0400 F 61 7 4772 6514 E tsvmail@ghd.com.au W www.ghd.com.au

ENTERED

DSDIP - RTI Released

GHD Workbench

Contract Claim Schedule - All Items

Contract No : 4217389
Contract Name : Hughenden Fluoridation - Detailed Design
Client Name : Flinders Shire Council
Claim Details : Works in accordance with GHD Proposal 42/16744/47735 Dated 18 April 2012 and FSC Acceptance - INVOICE FOR WORKS UNDERTAKEN UP UNTIL STOP WORKS ORDER FROM FLUINDERS SHIRE COUNCIL ASSOCIATED WITH FLUORIDE PROGRAM UNCERTAINTY FROM QLD STATE GOVERNMENT. INCLUDES SITE VISIT, SURVEY, PRELIMINARY DESIGN

Postal Details : PO BOX 274
Hughenden
QLD

Claim No : 2
Claim Date : 25/07/2012

Output Code	Output Code Description	Schedule Qty	Schedule Unit	Schedule Rate	Schedule Amount	Total Qty To Date	less Prev Qty	Qty this Claim	Total Claim To Date	Less Prev Claims	Value This Claim
Schedule : 4217389	**Schedule 4217389**										
A1.1	Fluoride Facility- D&D	100.00	%	240.00	24,000.00	30.00	15.00	15.00	7,200.00	3,600.00	3,600.00
A1.2	Fluoride Facility-DS & OM	100.00	%	45.00	4,500.00	30.00	30.00	0.00	1,350.00	1,350.00	0.00
A1.3	Fluoride Facility- Procure Documentation	100.00	%	20.00	2,000.00	30.00	0.00	30.00	600.00	0.00	600.00
A1.4	Fluoride Facility- Procure Suppliers & Contr	100.00	%	45.00	4,500.00	0.00	0.00	0.00	0.00	0.00	0.00
A1.5	Fluoride Facility-Site Presence & Inspection	100.00	%	255.00	25,500.00	0.00	0.00	0.00	0.00	0.00	0.00
A1.6	Fluoride Facility- Super Mtnce Liability Perio	100.00	%	42.00	4,200.00	0.00	0.00	0.00	0.00	0.00	0.00
A1.7	Fluoride Facility -Completion Report	100.00	%	45.50	4,550.00	0.00	0.00	0.00	0.00	0.00	0.00
B2.1	New Trunk Mains- Start up	100.00	%	32.00	3,200.00	100.00	100.00	0.00	3,200.00	3,200.00	0.00
B2.2	New Trunk Mains - DD New Water Pipelines	100.00	%	253.00	25,300.00	30.00	10.00	20.00	7,590.00	2,530.00	5,060.00
B2.3	New Trunk Mains- DD Booster Pump Statior	100.00	%	65.00	6,500.00	30.00	10.00	20.00	1,950.00	650.00	1,300.00
	Schedule Total :4217389				104,250.00	250.00	165.00	85.00	21,890.00	11,330.00	10,560.00
	Claim Total :				104,250.00	250.00	165.00	85.00	21,890.00	11,330.00	10,560.00

DSDIP - RTI Release

RTI Document No. 124

2/8

GHD CLIENTS | PEOPLE | PERFORMANCE

FLINDERS SHIRE COUNCIL
30 JUL 2012
RECEIVED

TAX INVOICE 4233781

ABN 39 008 488 373

DATE : 26/07/2012

Flinders Shire Council

PO BOX 274

Hughenden QLD 4821

Job Number : 4217401

Debtor Number : 4200301

Invoice To : 25/07/2012

Attn : Steve Turner

Hughenden Sewerage Upgrade

Work in accordance with GHD Fee Proposal dated 22/05/2012 and Flinders Shire Council Letter of Acceptance dated 01/06/2012

Original Lump Sum Fee	$455,738.50
Approved Variations	$31,560.00
Total Lump Sum Fee (Excluding GST)	**$487,298.50**

Refer attached schedule for details

Total Claimed To Date (Excluding GST)	$127,828.45
Less Previous Claims	$30,259.70
This Claim	**$97,568.75**
GST	$9,756.88
THIS TAX INVOICE	**$107,325.63**

Payments can be made to GHD at Westpac: BSB No: 032003 Account No: 316146

Please quote your "Debtor Number" shown above as reference for the payments.

"This is a payment claim made under the Building and Construction Industry Payments Act 2004 (QLD)"

Payment of this invoice is due within 14 days of the invoice date or as stated per the contract agreement.

WORKS/GL NO.
W1541.9002.401

APPROVED
Sch. 4(4)(6)
2/8/12

GHD Pty Ltd ABN 39 008 488 373 Level 1, 42 Sturt Street Townsville QLD 4810 PO Box 930 Townsville QLD 4810 Australia
T 61 7 4720 0400 **F** 61 7 4772 6514 **E** tsvmail@ghd.com.au **W** www.ghd.com.au

ENTERED

DSDIP - RTI Released

GHD Workbench

Contract Claim Schedule - All Items

Contract No : 4217401 **Postal Details :** PO BOX 274 **Claim No :** 2

Contract Name : Hughenden Sewerage Upgrade **Claim Date :** 25/07/2012

Client Name : Flinders Shire Council Hughenden

Claim Details : Work in accordance with GHD Fee Proposal dated 22/05/2012 and Flinders Shire Council Letter of Acceptance dated 01/06/2012 QLD

Output Code	Output Code Description	Schedule Qty	Schedule Unit	Schedule Rate	Schedule Amount	Total Qty To Date	less Prev Qty	Qty this Claim	Total Claim To Date	Less Prev Claims	Value This Claim
Schedule : 4217401	**Schedule 4217401**										
01	PM - EOI Phase Lump Sum	100.00	%	412.70	41,270.00	100.00	25.00	75.00	41,270.00	10,317.50	30,952.50
02	PM - RFT Procurement Lump Sum	100.00	%	338.03	33,803.00	5.00	0.00	5.00	1,690.15	0.00	1,690.15
03	PM - RFT Procurement Hourly Rates	1.00	EA	3,907.00	3,907.00	0.00	0.00	0.00	500.00	0.00	500.00
04	PM - Construction Lump Sum	100.00	%	1,027.89	102,789.00	0.00	0.00	0.00	0.00	0.00	0.00
05	PM - Construction Hourly Rates	1.00	EA	12,927.00	12,927.00	0.00	0.00	0.00	0.00	0.00	0.00
06	TD - EOI Phase Lump Sum	100.00	%	137.60	13,760.00	100.00	15.00	85.00	13,760.00	2,064.00	11,696.00
07	TD - EOI Phase Hourly Rates	1.00	EA	18,411.00	18,411.00	0.00	0.00	0.00	4,900.00	0.00	4,900.00
08	TD - RFT Procurement Lump Sum	100.00	%	658.53	65,853.00	10.00	0.00	10.00	6,585.30	0.00	6,585.30
09	TD - RFT Procurement Hourly Rates	1.00	EA	44,329.00	44,329.00	0.00	0.00	0.00	2,500.00	0.00	2,500.00
10	TD - Construction Hourly Rates	1.00	EA	59,096.00	59,096.00	0.00	0.00	0.00	0.00	0.00	0.00
11	TD - North Hughenden Sewerage Lump Sur	100.00	%	595.94	59,594.00	50.00	30.00	20.00	29,797.00	17,878.20	11,918.80
12	TD - Sewage Characterisation	100.00	%	315.60	31,560.00	85.00	0.00	85.00	26,826.00	0.00	26,826.00
	Schedule Total :4217401				487,299.00	350.00	70.00	280.00	127,828.45	30,259.70	97,568.75
	Claim Total :				487,299.00	350.00	70.00	280.00	127,828.45	30,259.70	97,568.75

DSDIP - RTI Release

RTI Document No. 126

SHIRE OF FLINDERS

Address Correspondence to:
Chief Executive Officer
PO Box 274 Hughenden Q 4821
34 Gray St, Hughenden Q 4821
ABN 24 420 911 643

P: 07 4741 2900
F: 07 4741 1741
E: creditors@flinders.qld.gov.au
W: www.flinders.qld.gov.au

COPY

Advice Date: 2/08/2012
Creditor Account: 1,076.01

GHD Pty Ltd
PO Box 930
TOWNSVILLE QLD 4810

Attention: Remittance Advice
Fax: 07 4772 6514

Date	*Reference*	*Type*	*Invoice*	*Credit*
28/06/2012	4233599	INV	12,463.00	
Hughenden Fluoridation - Detailed Design				

TRANSFER: **$12,463.00**

The net balance of $12,463.00 has been credited to your bank account.
If you have any query relating to the information provided, please contact Council's Creditors Section at the number shown above.

Authorisation: Sch. 4(4)(6)

DSDIP - RTI Release

RTI Document No. 127

517

GHD CLIENTS | PEOPLE | PERFORMANCE

CR # 1076

FLINDERS SHIRE COUNCIL
02 JUL 2012
RECEIVED

TAX INVOICE 4233599

ABN 39 008 488 373

DATE : 28/06/2012

Flinders Shire Council

PO BOX 274

Hughenden QLD 4821

Job Number : 4217389
Debtor Number : 4200301
Invoice To : 27/06/2012

Attn : Steve Turner

Hughenden Fluoridation - Detailed Design

Works in accordance with GHD Proposal 42/16744/47735 Dated 18 April 2012 and FSC Acceptance

Original Lump Sum Fee	$104,250.00
Approved Variations	$0.00
Total Lump Sum Fee (Excluding GST)	**$104,250.00**

Refer attached schedule for details

Total Claimed To Date (Excluding GST)	$11,330.00
Less Previous Claims	$0.00
This Claim	**$11,330.00**
GST	$1,133.00
THIS TAX INVOICE	**$12,463.00**

Payments can be made to GHD at Westpac: BSB No: 032003 Account No: 316146
Please quote your "Debtor Number" shown above as reference for the payments.
"This is a payment claim made under the Building and Construction Industry Payments Act 2004 (QLD)"
Payment of this invoice is due within 14 days of the invoice date or as stated per the contract agreement.

WORKS/GL NO.
1433.146
W1662A.419.401.
19175.8405

APPROVED
Sch. 4(4)(6)
11/7/12

GHD Pty Ltd ABN 39 008 488 373 Level 1, 42 Sturt Street Townsville QLD 4810 PO Box 930 Townsville QLD 4810 Australia
T 61 7 4720 0400 F 61 7 4772 6514 E tsvmail@ghd.com.au W www.ghd.com.au

ENTERED

DDP - RTI Release

GHD Workbench

Contract Claim Schedule - All Items

Contract No : 4217389
Contract Name : Hughenden Fluoridation - Detailed Design
Client Name : Flinders Shire Council
Claim Details : Works in accordance with GHD Proposal 42/16744/47735 Dated 18 April 2012 and FSC Acceptance

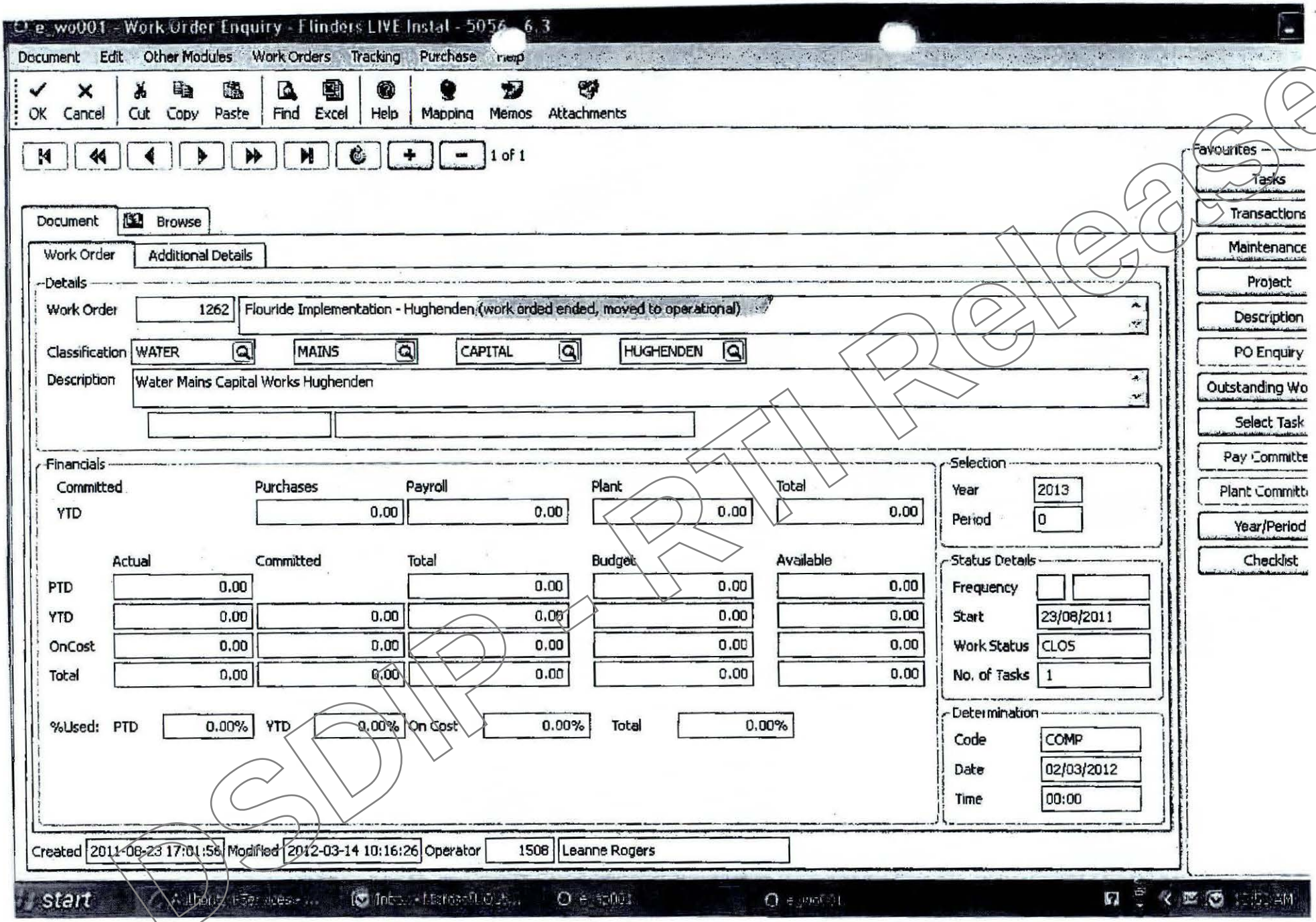
Postal Details : PO BOX 274
Hughenden
QLD

Claim No : 1
Claim Date : 27/06/2012

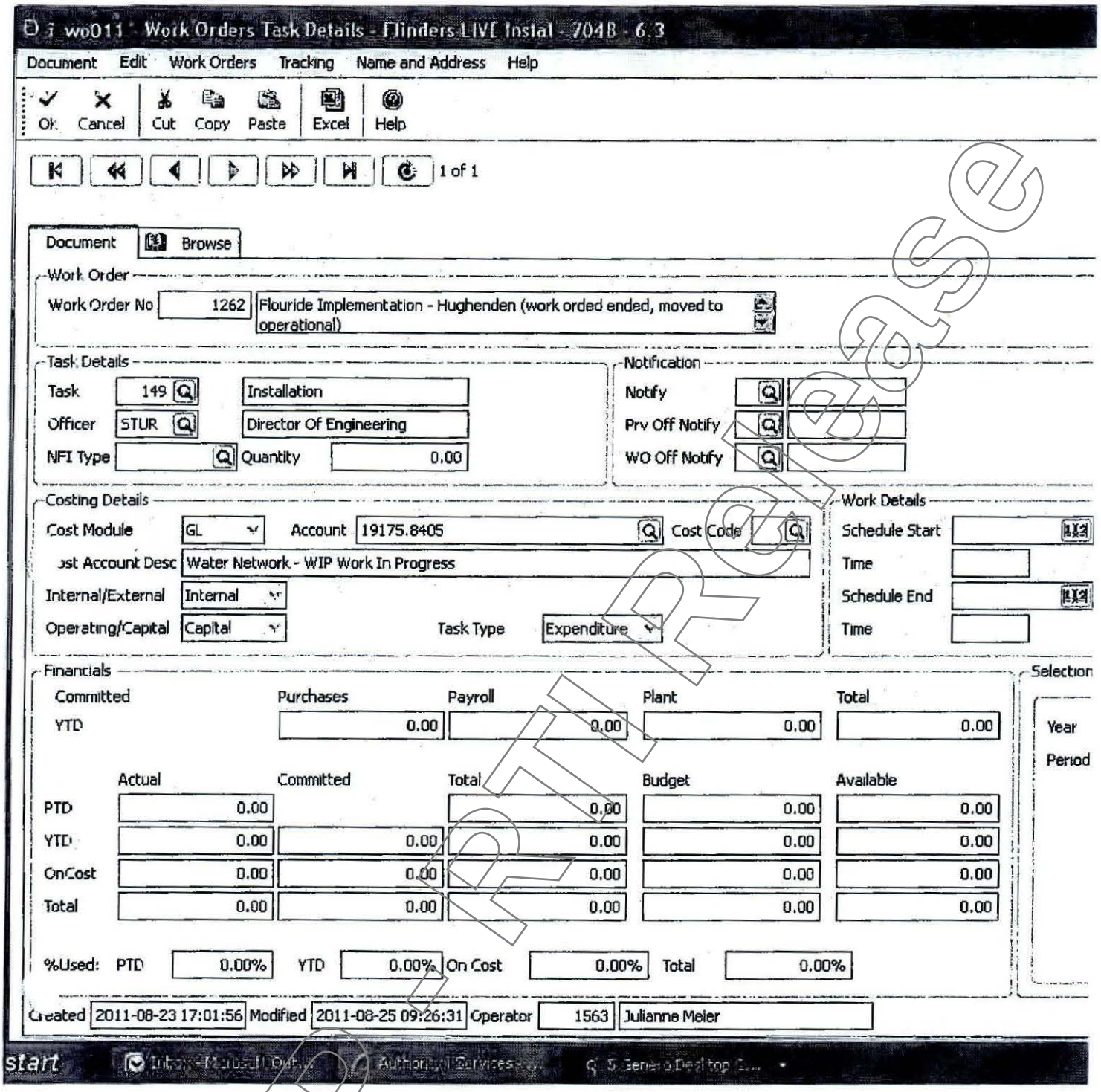
Output Code	Output Code Description	Schedule Qty	Schedule Unit	Schedule Rate	Schedule Amount	Total Qty To Date	less Prev Qty	Qty this Claim	Total Claim To Date	Less Prev Claims	Value This Claim
Schedule : 4217389	**Schedule 4217389**										
A1.1	Fluoride Facility- D&D	100.00	%	240.00	24,000.00	15.00	0.00	15.00	3,600.00	0.00	3,600.00
A1.2	Fluoride Facility-DS & OM	100.00	%	45.00	4,500.00	30.00	0.00	30.00	1,350.00	0.00	1,350.00
A1.3	Fluoride Facility- Procure Documentation	100.00	%	20.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
A1.4	Fluoride Facility- Procure Suppliers & Contr	100.00	%	45.00	4,500.00	0.00	0.00	0.00	0.00	0.00	0.00
A1.5	Fluoride Facility-Site Presence & Inspection	100.00	%	255.00	25,500.00	0.00	0.00	0.00	0.00	0.00	0.00
A1.6	Fluoride Facility- Super Mtnce Liability Perio	100.00	%	42.00	4,200.00	0.00	0.00	0.00	0.00	0.00	0.00
A1.7	Fluoride Facility -Completion Report	100.00	%	45.50	4,550.00	0.00	0.00	0.00	0.00	0.00	0.00
B2.1	New Trunk Mains- Start up	100.00	%	32.00	3,200.00	100.00	0.00	100.00	3,200.00	0.00	3,200.00
B2.2	New Trunk Mains - DD New Water Pipelines	100.00	%	253.00	25,300.00	10.00	0.00	10.00	2,530.00	0.00	2,530.00
B2.3	New Trunk Mains- DD Booster Pump Statior	100.00	%	65.00	6,500.00	10.00	0.00	10.00	650.00	0.00	650.00
	Schedule Total :4217389				104,250.00	165.00	0.00	165.00	11,330.00	0.00	11,330.00
	Claim Total :				104,250.00	165.00	0.00	165.00	11,330.00	0.00	11,330.00

DSDIP - RTI Release

RTI Document No. 129



DSDIP-RTI Release



DSDIP RTI Release

General Ledger Enquiry - Flinders LIVE Instal - 4772

9 rows selected

Ledger Account 19175.8405 Year 2013 Period 0

Resource	Description	Committed	Actual	Budget	Available
301	Wages and Salaries	0.00	0.00	0	
302	Overtime	0.00	0.00	0	
401	Contractors	0.00	0.00	0	
410	Other External Services	0.00	0.00	0	
412	Freight Delivery	0.00	0.00	0	
414	Plant Short term External Hire	0.00	0.00	0	
506	Materials Purchased	0.00	0.00	0	
507	Inventory Issued From Store	0.00	0.00	0	
970	Plant Hire - Internal Usage	0.00	0.00	0	

OK Cancel Find Excel

DSDIP - RTI Release

e_wo001 - Work Order Enquiry - Flinders LIVE Instal - 4308 - 6.6

Document Edit Other Modules Work Orders Tracking Purchase Help

OK Cancel Cut Copy Paste Find Excel Help Mapping Memos Attachments

1 of 1

Document | Browse

Work Order | Additional Details

Details

Work Order 1651 Hughenden Water Flouridation Project

Classification WATER MAINS CAPITAL HUGHENDEN

Description Water Mains Capital Works Hughenden

Financials

Committed	Purchases	Payroll	Plant	Total
YTD	510376.44	0.00	0.00	510376.44

	Actual	Committed	Total	Budget	Available	% Used
PTD	531708.50		531708.50	0.00	0.00	0.00%
YTD	872064.93	510376.44	1382441.37	0.00	0.00	0.00%
OnCost	8720.65	0.00	8720.65	0.00	0.00	0.00%
Total	880785.58	510376.44	1391162.02	0.00	0.00	0.00%

Resource Est 0.00

Created 2012-09-25 12:02:33 Modified 2013-10-11 06:04:00 Operator 1508 Leanne Rogers

DSDIP - RTI Release

trn_dte	pst_yor	pst_per	lgr_acc	trn_cde	trn_nme	trn_ref	src_n	src_acc	acc_nme	act_val	act_onc	com_val	trn_dsc
Date	Year	Period	Ledger Account	Tran Cc	Type	Reference	Src M	Source Accc	Account Name	Actual	Oncost	Committed	Transaction Description
01/11/2013	2014	5	19175.8405.0401	201	Invoice INV	13100906	AP	2103.01	Auzscot Civil Australia, Arid to Oasis Solutions Pty	160042.8	1600.43	0	Hughenden Water Flouridation Project - Tender
01/11/2013	2014	5	19175.8405.0401	1412	GR/GST Contra Entry	13100906	AP	2103.01	Auzscot Civil Australia, Arid to Oasis Solutions Pty	-160042.82	-1600.43	0	
31/10/2013	2014	4	19175.8405.0401	1410	Receival Goods G/R	27801	AP	2103.01	Auzscot Civil Australia, Arid to Oasis Solutions Pty	160042.82	1600.43	-255188.2	Hughenden Water Flouridation Project - Tender
04/10/2013	2014	4	19175.8405.0401	9901	Journal Manual JRN	1116/2014	GL	03470.0500.	Contractors	4750	47.5	0	Expenses costed to operations not capital - JH
02/10/2013	2014	4	19175.8405.0401	1412	GR/GST Contra Entry	01309133	AP	2103.01	Auzscot Civil Australia, Arid to Oasis Solutions Pty	-361651.27	-3616.51	0	
02/10/2013	2014	4	19175.8405.0401	201	Invoice INV	01309133	AP	2103.01	Auzscot Civil Australia, Arid to Oasis Solutions Pty	361651.24	3616.51	0	Hughenden Water Flouridation Project - Tender
01/10/2013	2014	4	19175.8405.0401	1410	Receival Goods G/R	26776	AP	2103.01	Auzscot Civil Australia, Arid to Oasis Solutions Pty	361651.27	3616.51	-255188.2	Hughenden Water Flouridation Project - Tender
										526444.04	5264.44		
										531708.48			

DSDIP - RTI Release

SHIRE OF FLINDERS

Address Correspondence to:
Chief Executive Officer
PO Box 274 Hughenden Q 4821
34 Gray St, Hughenden Q 4821
ABN 24 420 911 643

P. 07 4741 2900
F. 07 4741 1741
E: creditors@flinders.qld.gov.au
W: www.flinders.qld.gov.au

Advice Date: 10/10/2013
Creditor Account: 2,103.01

Auzscot Civil Australia, Arid to Oasis Solutions Pty Ltd t/as
T/As Arid to Oasis
PO Box 337
BELGIAN GARDENS QLD 4810

Attention: auzscot@auzscotcivil.com.

Date	*Reference*	*Type*	*Invoice*	*Credit*
01/10/2013	01309133	INV	397,816.36	
#102.2013.2 - Claim #2				

TRANSFER: **$397,816.36**

The net balance of $397,816.36 has been credited to your bank account.
If you have any query relating to the information provided, please contact Council's Creditors Section at the number shown above.

Authorisation: Sch. 4(4)(6)

DSDIP - RTI Release

RTI Document No. 135

AUZSCOT CIVIL AUSTRALIA
ABN: 16 122 776 845

PO BOX: 337, Belgian Gardens, QLD, 4810
Ph: 07 4721 4777
Fax: 07 4721 4877
Email: auzscot@auzscotcivil.com.au

TAX INVOICE

Invoice No: 01309133
Date: 1/10/2013

Bill To:
Flinders Shire Council
34 Gray Street
Hughenden Qld 4821

Purchase Order:

Description	Amount
Invoice for Claim No. 2 of Contract No. 102.2013.2 Hughenden Fluoridation Please see attached spreadsheet (Claim No.2)	$361,651.24

W 1651. 481. 401

Approved

Sch. 4(4)(6)

APPROVED

Sch. 4(4)(6)

1/10/13.

Payment Terms: Invoice Total Due 14 Days
Payment Details: To: Arid to Oass Solutions P/L -
Trading As: Auzscot Civil Australia
BSB: 065-000
Account No: 1139-4747

GST:	$36,165.12
Total Inc GST:	$397,816.36
Amount Applied:	$0.00
Balance Due:	$397,816.36

ENTERED

DSDIP - RTI Release

ARID TO OASIS SOLUTIONS PTY LTD
T/A AUZSCOT CIVIL AUSTRALIA
ABN: 16 122 776 845

AUZSCOT CIVIL

Quality ISO 9001 | Environment ISO 14001 | Health & Safety AS 4801

Date	30/09/2013
Contract	Hughenden Flouridation
Contract #	102.2013.2
Client	Flinders Shire Council
Claim #	2
Project Manager	Bill Roberts

Item number	Description	Unit	Quantity	Rate	Tendered Amount	Previously Claimed %	Previously Claimed $	This Claim %	This Claim $
1.1	Documentation and Plans								
1.1.1	Preparation and Resolution of Environmental Management Plan	Item	1	Lump Sum	$ 1,000.00	100%	$ 1,000.00	100%	$ -
1.1.2	Preparation and Resolution of Workplace Health and Safety Plan	Item	1	Lump Sum	$ 2,500.00	50%	$ 1,250.00	100%	$ 1,250.00
1.1.3	Preparation and Resolution of Traffic Management Plan	Item	1	Lump Sum	$ 1,500.00	50%	$ 750.00	100%	$ 750.00
1.1.4	Prepare Quality Management Plan and Carry Out Quality Processes During Contruction	Item	1	Lump Sum	$ 5,000.00	50%	$ 2,500.00	80%	$ 1,500.00
1.1.5	Prepare Construction Plan, Schedule and Program	Item	1	Lump Sum	$ 200.00	100%	$ 200.00	100%	$ -
1.1.6	Preparation and Resolution of Commissioning and Handover Plan	Item	1	Lump Sum	$ 10,000.00				
1.1.7	Inspection and Test Plans	Item	1	Lump Sum	$ 1,000.00	100%	$ 1,000.00	100%	$ -
1.1.8	Project Management and Site Management	Item	1	Lump Sum	$ 60,000.00	25%	$ 15,000.00	80%	$ 33,000.00
1.1.9	Negotiations and Liasons with Ergon	Item	1	Lump Sum	$ 1,500.00				
1.2	Preliminaries								
1.2.1	Insurances and Qleave Levy	Item	1	Lump Sum	$ 13,000.00	100%	$ 13,000.00	100%	$ -
1.2.2	Project Approvals	Item	1	Lump Sum	$ 500.00	100%	$ 500.00	100%	$ -
1.3	Site Preparation								
1.3.1	Site Establishment	Item	1	Lump Sum	$ 30,000.00	80%	$ 24,000.00	100%	$ 6,000.00
1.3.2	Job Set-out	Item	1	Lump Sum	$ 4,500.00	100%	$ 4,500.00	100%	$ -
1.3.3	Site Disestablishment	Item	1	Lump Sum	$ 5,000.00				
1.4	Finalisation								
1.4.1	Final Clean-Up and Site Rehabilitation	Item	1	Lump Sum	$ 8,000.00				
1.4.2	Preparation of "As Constructed" Drawings	Item	1	Lump Sum	$ 3,594.00				
1.4.3	Provision of O&M Manuals and Documentation	Item	1	Lump Sum	$ 6,214.00				
1.4.4	Training of Flinders Shire Council Staff	Item	1	Lump Sum	$ 3,500.00				
2.1	Flouride Building								
2.1.1	Construction of Building Foundations Complete	Item	1	Lump Sum	$ 20,000.00	100%	$ 20,000.00		
2.1.2	Construction of Building Floor Slab Complete	Item	1	Lump Sum	$ 22,282.00	100%	$ 22,282.00		
2.1.3	Construction of Masonary Blockwalls Complete	Item	1	Lump Sum	$ 40,000.00			100%	$ 40,000.00
2.1.4	Construction of Building Roof Complete	Item	1	Lump Sum	$ 20,000.00			50%	$ 10,000.00
2.1.5	External Painting of Building	Item	1	Lump Sum	$ 12,100.00				
2.1.6	Internal Painting of Building	Item	1	Lump Sum	$ 12,100.00				
2.1.7	Construction of Driveway and Unloading Bund Complete	Item	1	Lump Sum	$ 20,000.00	100%	$ 20,000.00		
2.2	Flouride Equipment								
2.2.1	Supply and Installation of 25kg Sodium Flouride Proprietary System Incl. all Dosing and Control Equipment	Item	1	Lump Sum	$ 153,358.00	20%	$ 30,671.60		
2.3	Mechanical Works								
2.3.1	Air Conditioning of Flouridation Building	Item	1	Lump Sum	$ 13,836.00			20%	$ 2,767.20
2.3.2	Construction of Ventilation System Incl. Pipework and Waterfrap	Item	1	Lump Sum	$ 14,000.00			30%	$ 4,200.00
2.4	Hydraulics								
2.4.1	Installation of Service Water to Flouride Building	Item	1	Lump Sum	$ 7,563.00			80%	$ 6,050.40
2.4.2	Installation of Safety Shower and Washdown	Item	1	Lump Sum	$ 5,000.00			50%	$ 2,500.00
2.4.3	Installation of Waste Drainage Incl. Low Pressure Pump System Connection to Gravity Sewer Main	Item	1	Lump Sum	$ 11,000.00	40%	$ 4,400.00	100%	$ 6,600.00
2.5	Electrical Works								
2.5.1	Supply and Installation of Main Switchboard Metering and Consumer Mains Incl. Connection and Supply Authority Coordination	Item	1	Lump Sum	$ 53,500.00			50%	$ 26,750.00
2.5.2	Supply and Installation of Building Lighting and General Power Provisions	Item	1	Lump Sum	$ 20,970.00			40%	$ 8,388.00
2.5.3	Reconnection of Existing Power Distribution Systems to New Distribution	Item	1	Lump Sum	$ 6,420.00				

DO NOT Release

RTI Document No. 137

2.5.4	Supply and Installation of PLC, SCADA and Telemetry Equipment and Integration Works incl. Works associated with removal of existing RTU	Item	1	Lump Sum	$ 7,764.00				
2.5.5	Supply, Installation and Commissioning of All Instrumentation, Dosing and Controls	Item	1	Lump Sum	$ 46,000.00			20%	$ 9,200.00
2.5.6	Supply and Installation of all Booster Pumpset Related Works Incl. Interface to PLC and SCADA	Item	1	Lump Sum	$ 8,000.00				
2.5.7	Other Electrical Works as Described in Drawings and Specifications not described above	Item	1	Lump Sum	$ 35,000.00			50%	$ 17,500.00
3.1	New Water Pipelines								
3.1.1	Supply of Materials for and Excavate, Construct and Backfill of DN125 PN16 Water Main Complete	m	2200	$ 72.00	$ 158,400.00	1320m	$ 95,040.00	100%	$ 63,360.00
3.1.2	Supply of Materials for and Excavate, Construct and Backfill of DN225 PE100 PN16 Water Main Complete	m	400	$ 115.00	$ 46,000.00	156m	$ 17,940.00	100%	$ 28,060.00
3.1.3	Supply of Materials for and Excavate, Construct and backfill of DN250 DICL PN20 Water Main Complete	m	50	$ 260.00	$ 13,000.00		$ -	50%	$ 6,500.00
3.1.4	Supply of Materials for and Excavate, Construct and Backfill of DN225 PN16 PE Pipelines in a Directionally Drilled OD336 MS Enveloper Under Richmond Hill Road Complete	m	30	$ 1,203.00	$ 36,100.00	60%	$ 21,660.00	100%	$ 14,440.00
3.1.5	Removal and Disposal of Excess Spoil as Required	Item	1	Lump Sum	$ 7,040.00		$	100%	$ 7,040.00
3.2	Connections to Existing System								
3.2.1	Supply and Install all Valves and Fittings Inc. Thrust Blocks to Existing Pipeline	Item	1	Lump Sum	$ 8,000.00	50%	$ 4,000.00	100%	$ 4,000.00
3.2.2	Supply and Install all Valves and Fittings Incl. Thrust Blocks to Existing Pipeline	Item	1	Lump Sum	$ 14,000.00	50%	$ 7,000.00	100%	$ 7,000.00
3.2.3	Supply and Install all Valves and Fittings Incl. Thrust Blocks to Existing Pipeline	Item	1	Lump Sum	$ 16,500.00	50%	$ 8,250.00	100%	$ 8,250.00
3.2.4	Supply and Install all Valves and Fittings Incl. Thrust Blocks to Existing Pipeline	Item	1	Lump Sum	$ 7,500.00	50%	$ 3,750.00	100%	$ 3,750.00
3.2.5	Inlet Connection to Reservoir	Item	1	Lump Sum	$ 15,000.00	50%	$ 7,500.00	0%	$ -
3.4	Road Pavement Reinstatement								
3.4.1	Reinstatement of Sealed Road Pavement across Alyss Street	Item	1	Lump Sum	$ 750.00		$ -	100%	$ 750.00
3.4.2	Reinstatement of Sealed Road Pavement across Mclaren Street	Item	1	Lump Sum	$ 750.00		$ -	100%	$ 750.00
3.4.3	Reinstatement of Sealed Road Pavement across Hunter Street	Item	1	Lump Sum	$ 500.00		$ -	100%	$ 500.00
3.4.4	Reinstatement of Unsealed Road Pavement across Churchill Street	Item	1	Lump Sum	$ 1,200.00	100%	$ 1,200.00	100%	$ -
3.4.5	Reinstatement of Unsealed Road Pavement acrossGeary Street	Item	1	Lump Sum	$ 1,000.00		$ -	100%	$ 1,000.00
3.5	Scour Protection								
3.5.1	Supply and Installation of ock Rip Rap Protection across open Stormwater Drains	Item	1	Lump Sum	$ 1,500.00		$ -		
3.6	Testing and Commissioning								
3.6.1	Cleaning and Disinfecting of All New Pipelines	Item	1	Lump Sum	$ 2,000.00		$ -		
3.6.2	Hydrostatic Testing of All New Pipelines to 1200KPa	Item	1	Lump Sum	$ 8,000.00		$ -	100%	$ 8,000.00
4.1	Pumpset								
4.1.1	Supply and Installation of Booster Pumpset Incl. Associated Support Frame, Control Panel, Valves, Pumps, Manifolds, Pressure Tank Complete	Item	1	Lump Sum	$ 109,000.00		$ -		
4.2	Pipework								
4.2.1	Supply and Installation of Connecting Pipework to Existing Reservoir Inlet / Outlet Pipe Including Valves and Cut-ins	Item	1	Lump Sum	$ 30,000.00		$ -	50%	$ 15,000.00
4.3	Booster Pump Station Structure								
4.3.1	Construction of Floor Slab Complete	Item	1	Lump Sum	$ 18,000.00	100%	$ 18,000.00	100%	$ -
4.3.2	Construction of Pump Station Housing Complete	Item	1	Lump Sum	$ 14,500.00		$ -	50%	$ 7,250.00
4.4	Electrical Works								

DO NOT Release

4.4.1	Supply and Installation of Booster Pump Station Control Panel Incl. Connection to Main Switchboard	Item	1	Lump Sum	$ 25,200.00		$ -	50%	$ 12,600.00
4.4.2	Supply and Installation of Booster Pump Station Lighting	Item	1	Lump Sum	$ 1,600.00		$ -	20%	$ 320.00
4.4.3	Supply and Installation of Telemetry Instrumentation and Cabling	Item	1	Lump Sum	$ 10,000.00		$ -		
4.5	Testing								
4.5.1	Hydrostatic Testing of Pumping Station	Item	1	Lump Sum	$ 2,000.00		$ -		
4.5.2	Full Commissioning Pumping Station, Electrical and Telemetry Works	Item	1	Lump Sum	$ 13,500.00		$ -		
5.1	Gravel Access To Driveways	Item	1	Lump Sum	$ 3,000.00		$ -	100%	$ 3,000.00
5.2	Control Room Fitout	Item	1	Lump Sum	$ 15,000.00		$ -	50%	$ 7,500.00
5.3	Internal Lining	Item	1	Lump Sum	$ 16,000.00		$ -	30%	$ 4,800.00
	Variations								
1	Variation No.1	Item		Lump Sum					$ 1,900.00
2	Variation No.2	Item		Lump Sum					$ 790.00
3	Variation No.3	Item		Lump Sum					$ 3,360.00
4	Variation No.4	Item		Lump Sum					$ 1,820.00
5	Variation No.5	Item		Lump Sum					$ 7,552.00
6	Variation No.6	Item		Lump Sum					$ 878.00
7	Variation No.7	Item		Lump Sum					$ 1,152.00
				Total Excluding GST	$ 1,275,941.00		$ 345,393.60		$ 393,877.60
				GST	$ 127,594.10		$ 34,539.36		$ 39,386.76
				Total Contract Value	$ 1,403,535.10		$ 379,932.96		$ 397,816.26

DSDIP - RTI Release

Oaths Act 1867

Statutory Declaration

QUEENSLAND
TO WIT

I, Sch. 4(4)(6)

of in the State of Queensland

do solemnly and sincerely declare that

All subcontractors and suppliers of invoices and claims that are relevant to claim no. 2 of contract no. 102.2013.2 Hughenden Fluoridation have been paid in full.

And I make this solemn declaration conscientiously believing the same to be true, and by virtue of the provisions of the Oaths Act 1867.

Signature of declarant/deponent

Sch. 4(4)(6)

Taken and declared before me at

this 30 day of September 2013

A Justice of the Peace/~~Commissioner for Declarations~~.

Sch. 4(4)(6)

JUSTICE OF THE PEACE (QUALIFIED) DEPT. OF JUSTICE & ATTORNEY-GENERAL Reg.No.: Sch. 4(4)(6)

DSDIP - RTI Release

SHIRE OF FLINDERS

Address Correspondence to:
Chief Executive Officer
PO Box 274 Hughenden Q 4821
34 Gray St, Hughenden Q 4821
ABN 24 420 911 643

P. 07 4741 2900
F. 07 4741 1741
E. flinders@flinders.qld.gov.au
W. www.flinders.qld.gov.au

PURCHASE ORDER

Auzscot Civil Australia, Arid to Oasis Solutions Pty Ltd
t/as
T/As Arid to Oasis
PO Box 337
BELGIAN GARDENS QLD 4810
Aus Phone (07) 4721 4777
Aus Fax (07) 4721 4877

Order No: 11011 **Page: 1**
Order Type: Direct
Date: 04/09/2013

Please Quote Order Number on Delivery Docket & Tax Invoice. All Prices Include GST Where Applicable.

Due By: 04/03/2014

SPECIAL INSTRUCTIONS :
This Order requisitioned by Steve Turner (Director of Engineering - Flinders Shire Council)rs Shire Council)

ITEM DESCRIPTION	PRODUCT CODE	PART NUMBER	QUANTITY	UNIT	UNIT PRICE	ORDER VALUE
Hughenden Water Flouridation Project - Tender #102.2013.2			5.00	EACH	280,707.02	1,403,535.10
				Total Order Value		1,403,535.10

PURCHASE ORDER RECEIPT ENTERED

Purchasing Contact: C J Alloway

Authorised by: G T King

Page: Last of 1

DSDIP - RTI Release

RTI Document No. 141

SHIRE OF FLINDERS

Address Correspondence to:
Chief Executive Officer
PO Box 274 Hughenden Q 4821
34 Gray St, Hughenden Q 4821
ABN 24 420 911 643

P. 07 4741 2900
F. 07 4741 1741
E: creditors@flinders.qld.gov.au
W: www.flinders.qld.gov.au

Advice Date: 11/7/2013
Creditor Account: 2,103.01

Auzscot Civil Australia, Arid to Oasis Solutions Pty Ltd t/as
T/As Arid to Oasis
PO Box 337
BELGIAN GARDENS QLD 4810

Attention: auzscot@auzscotcivil.com.

Date	*Reference*	*Type*	*Invoice*	*Credit*
31/10/2013	13100906	INV	176,047.08	
#102.2013.2 - Claim #3				

TRANSFER: **$176,047.08**

The net balance of $176,047.08 has been credited to your bank account.
If you have any query relating to the information provided, please contact Council's Creditors Section at the number shown above.

Sch. 4(4)(6)

Authorisation:

DSDIP - RTI Release

RTI Document No. 142

AUZSCOT CIVIL AUSTRALIA
ABN: 16 122 776 845

PO BOX: 337, Belgian Gardens, QLD, 4810
Ph: 07 4721 4777
Fax: 07 4721 4877
Email: auzscot@auzscotcivil.com.au

TAX INVOICE

Invoice No: [redacted]
Date: 31/10/2013

Bill To:
Flinders Shire Council
34 Gray Street
Hughenden Qld 4821

Purchase Order:

Description	Amount
Invoice for Claim No. 3 of Contract No. 102.2013.2 Hughenden Fluoridation Please see attached spreadsheet (Claim No.3)	$160,042.80

CHECKED & APPROVED FOR PAYMENT
Sch. 4(4)(6)
Sch. 4(4)(6)
Sch. 4(4)(6)
31/10/13

W 1651.481.401

Payment Terms: Invoice Total Due 14 Days
Payment Details: To: Arid to Oass Solutions P/L -
Trading As: Auzscot Civil Australia
BSB: 065-000
Account No: 1139-4747

GST:	$16,004.28
Total Inc GST:	$176,047.08
Amount Applied:	$0.00
Balance Due:	[redacted]

ENTERED

DSDIP RTI Release

ARID TO OASIS SOLUTIONS PTY LTD
T/A AUZSCOT CIVIL AUSTRALIA
ABN: 16 122 776 845

AUZSCOT CIVIL

Quality ISO 9001 | Environment ISO 14001 | Health & Safety AS 4801

Date	31/10/2013
Contract	Hughenden Flouridation
Contract #	102.2013.2
Client	Flinders Shire Council
Claim #	3
Project Manager	Bill Roberts

Item number	Description	Unit	Quantity	Rate	Tendered Amount	Previously Claimed %	Previously Claimed $	This Claim %	This Claim $
1.1	**Documentation and Plans**								
1.1.1	Preparation and Resolution of Environmental Management Plan	Item	1	Lump Sum	$ 1,000.00	100%	$ 1,000.00	100%	$ -
1.1.2	Preparation and Resolution of Workplace Health and Safety Plan	Item	1	Lump Sum	$ 2,500.00	100%	$ 2,500.00	100%	$ -
1.1.3	Preparation and Resolution of Traffic Management Plan	Item	1	Lump Sum	$ 1,500.00	100%	$ 1,500.00	100%	$ -
1.1.4	Prepare Quality Management Plan and Carry Out Quality Processes During Contruction	Item	1	Lump Sum	$ 5,000.00	80%	$ 4,000.00	80%	$ -
1.1.5	Prepare Construction Plan, Schedule and Program	Item	1	Lump Sum	$ 200.00	100%	$ 200.00	100%	$ -
1.1.6	Preparation and Resolution of Commissioning and Handover Plan	Item	1	Lump Sum	$ 10,000.00	0%	$ -	0%	$ -
1.1.7	Inspection and Test Plans	Item	1	Lump Sum	$ 1,000.00	100%	$ 1,000.00	100%	$ -
1.1.8	Project Management and Site Management	Item	1	Lump Sum	$ 60,000.00	80%	$ 48,000.00	95%	$ 9,000.00
1.1.9	Negotiations and Liasons with Ergon	Item	1	Lump Sum	$ 1,500.00	0%	$ -	100%	$ 1,500.00
1.2	**Preliminaries**								
1.2.1	Insurances and Qleave Levy	Item	1	Lump Sum	$ 13,000.00	100%	$ 13,000.00	100%	$ -
1.2.2	Project Approvals	Item	1	Lump Sum	$ 500.00	100%	$ 500.00	100%	$ -
1.3	**Site Preparation**								
1.3.1	Site Establishment	Item	1	Lump Sum	$ 30,000.00	100%	$ 30,000.00	100%	$ -
1.3.2	Job Set-out	Item	1	Lump Sum	$ 4,500.00	100%	$ 4,500.00	100%	$ -
1.3.3	Site Disestablishment	Item	1	Lump Sum	$ 5,000.00	0%	$ -	0%	$ -
1.4	**Finalisation**								
1.4.1	Final Clean-Up and Site Rehabilitation	Item	1	Lump Sum	$ 3,000.00	0%	$ -	0%	$ -
1.4.2	Preparation of "As Constructed" Drawings	Item	1	Lump Sum	$ 3,594.00	0%	$ -	0%	$ -
1.4.3	Provision of O&M Manuals and Documentation	Item	1	Lump Sum	$ 6,214.00	0%	$ -	0%	$ -
1.4.4	Training of Flinders Shire Council Staff	Item	1	Lump Sum	$ 3,500.00	0%	$ -	0%	$ -
2.1	**Flouride Building**								
2.1.1	Construction of Building Foundations Complete	Item	1	Lump Sum	$ 20,000.00	100%	$ 20,000.00	100%	$ -
2.1.2	Construction of Building Floor Slab Complete	Item	1	Lump Sum	$ 22,282.00	100%	$ 22,282.00	100$	$ -
2.1.3	Construction of Masonary Blockwalls Complete	Item	1	Lump Sum	$ 40,000.00	100%	$ 40,000.00	100%	$ -
2.1.4	Construction of Building Roof Complete	Item	1	Lump Sum	$ 20,000.00	50%	$ 10,000.00	100%	$ 10,000.00
2.1.5	External Painting of Building	Item	1	Lump Sum	$ 12,100.00	0%	$ -	0%	$ -
2.1.6	Internal Painting of Building	Item	1	Lump Sum	$ 12,100.00	0%	$ -	0%	$ -
2.1.7	Construction of Driveway and Unloading Bund Complete	Item	1	Lump Sum	$ 20,000.00	100%	$ 20,000.00	100%	$ -
2.2	**Flouride Equipment**								
2.2.1	Supply and Installation of 25kg Sodium Flouide Proprietary System incl. all Dosing and Control Equipment	Item	1	Lump Sum	$ 153,358.00	20%	$ 30,671.60	20%	$ -
2.3	**Mechanical Works**								
2.3.1	Air Conditioning of Flouridation Building	Item	1	Lump Sum	$ 13,836.00	20%	$ 2,767.20	50%	$ 4,150.80
2.3.2	Construction of Ventilation System incl. Pipework and Watertrap	Item	1	Lump Sum	$ 14,000.00	30%	$ 4,200.00	30%	$ -
2.4	**Hydraulics**								

Public RTI Release

2.4.1	Installation of Service Water to Flouride Building	Item	1	Lump Sum	$ 7,563.00	80%	$ 6,050.40	80%	$ -
2.4.2	Installation of Safety Shower and Washdown	Item	1	Lump Sum	$ 5,000.00	50%	$ 2,500.00	50%	$ -
2.4.3	Installation of Waste Drainage Incl. Low Pressure Pump System Connection to Gravity Sewer Main	Item	1	Lump Sum	$ 11,000.00	100%	$ 10,000.00	100%	$ -
2.5	***Electrical Works***								
2.5.1	Supply and Installation of Main Switchboard Metering and Consumer Mains Incl. Connection and Supply Authority Coordination	Item	1	Lump Sum	$ 53,500.00	50%	$ 26,750.00	70%	$ 10,700.00
2.5.2	Supply and Installation of Building Lighting and General Power Provisions	Item	1	Lump Sum	$ 20,970.00	40%	$ 8,388.00	80%	$ 8,388.00
2.5.3	Reconnection of Existing Power Distribution Systems to New Distribution	Item	1	Lump Sum	$ 6,420.00	0%	$ -	0%	$ -
2.5.4	Supply and Installation of PLC, SCADA and Telemetry Equipment and Integration Works Incl. Works associated with removal of existing RTU	Item	1	Lump Sum	$ 7,764.00	0%	$ -	0%	$ -
2.5.5	Supply, Installation and Commissioning of All Instrumentation, Dosing and Controls	Item	1	Lump Sum	$ 46,000.00	20%	$ 9,200.00	20%	$ -
2.5.6	Supply and Installation of all Booster Pumpset Related Works Incl. Interface to PLC and SCADA	Item	1	Lump Sum	$ 8,000.00	0%	$ -	20%	$ 1,600.00
2.5.7	Other Electrical Works as Described in Drawings and Specifications not described above	Item	1	Lump Sum	$ 35,000.00	50%	$ 17,500.00	50%	$ -
3.1	***New Water Pipelines***								
3.1.1	Supply of Materials for and Excavate, Construct and Backfill of DN125 PN16 Water Main Complete	m	2200	$ 72.00	$ 158,400.00	100%	$ 158,400.00	100%	$ -
3.1.2	Supply of Materials for and Excavate, Construct and Backfill of DN225 PE100 PN16 Water Main Complete	m	400	$ 115.00	$ 46,000.00	100%	$ 46,000.00	100%	$ -
3.1.3	Supply of Materials for and Excavate, Construct and backfill of DN250 DICL PN20 Water Main Complete	m	50	$ 260.00	$ 13,000.00	50%	$ 6,500.00	100%	$ 6,500.00
3.1.4	Supply of Materials for and Excavate, Construct and Backfill of DN225 PN16 PE Pipelines in a Directionally Drilled OD356 MS Enveloper Under Richmond Hill Road Complete	m	30	$ 1,203.00	$ 36,100.00	60%	$ 21,660.00	100%	$ 14,440.00
3.1.5	Removal and Disposal of Excess Spoil as Required	Item	1	Lump Sum	$ 7,040.00	100%	$ 7,040.00	100%	$ -
3.2	***Connections to Existing System***								
3.2.1	Supply and Install all Valves and Fittings Inc. Thrust Blocks to Existing Pipeline	Item	1	Lump Sum	$ 8,000.00	100%	$ 8,000.00	100%	$ -
3.2.2	Supply and Install all Valves and Fittings Incl. Thrust Blocks to Existing Pipeline	Item	1	Lump Sum	$ 14,000.00	100%	$ 14,000.00	100%	$ -
3.2.3	Supply and Install all Valves and Fittings Incl. Thrust Blocks to Existing Pipeline	Item	1	Lump Sum	$ 16,500.00	100%	$ 16,500.00	100%	$ -
3.2.4	Supply and Install all Valves and Fittings Incl. Thrust Blocks to Existing Pipeline	Item	1	Lump Sum	$ 7,500.00	100%	$ 7,500.00	100%	$ -
3.2.5	Inlet Connection to Reservoir	Item	1	Lump Sum	$ 15,000.00	50%	$ 7,500.00	100%	$ 7,500.00
3.4	***Road Pavement Reinstatement***								
3.4.1	Reinstatement of Sealed Road Pavement across Alyss Street	Item	1	Lump Sum	$ 750.00	100%	$ 750.00	100%	$ -
3.4.2	Reinstatement of Sealed Road Pavement across Mclaren Street	Item	1	Lump Sum	$ 750.00	100%	$ 750.00	100%	$ -

DEDJTR Release

3.4.3	Reinstatement of Sealed Road Pavement across Hunter Street	Item	1	Lump Sum	$ 500.00	100%	$ 500.00	100%	$ -
3.4.4	Reinstatement of Unsealed Road Pavement across Churchhill Street	Item	1	Lump Sum	$ 1,200.00	100%	$ 1,200.00	100%	$ -
3.4.5	Reinstatement of Unsealed Road Pavement acrossGeary Street	Item	1	Lump Sum	$ 1,000.00	100%	$ 1,000.00	100%	$ -
3.5	***Scour Protection***								
3.5.1	Supply and Installation of ock Rip Rap Protection across open Stormwater Drains	Item	1	Lump Sum	$ 1,500.00	0%	$ -	100%	$ 1,500.00
3.6	***Testing and Commissioning***								
3.6.1	Cleaning and Disinfecting of All New Pipelines	Item	1	Lump Sum	$ 2,000.00	0%	$ -	100%	$ 2,000.00
3.6.2	Hydrostatic Testing of All New Pipelines to 1200KPA	Item	1	Lump Sum	$ 8,000.00	100%	$ 8,000.00	100%	$ -
4.1	***Pumpset***								
4.1.1	Supply and Installation of Booster Pumpset incl. Associated Support Frame, Control Panel, Valves, Pumps, Manifolds, Pressure Tank, Complete	Item	1	Lump Sum	$ 109,000.00	0%	$ -	40%	$ 43,600.00
4.2	***Pipework***								
4.2.1	Supply and Installation of Connecting Pipework to Existing Reservoir Inlet / Outlet Pipe including Valves and Cut-ins	Item	1	Lump Sum	$ 30,000.00	50%	$ 15,000.00	70%	$ 6,000.00
4.3	***Booster Pump Station Structure***								
4.3.1	Construction of Floor Slab Complete	Item	1	Lump Sum	$ 18,000.00	100%	$ 18,000.00	100%	$ -
4.3.2	Construction of Pump Station Housing Complete	Item	1	Lump Sum	$ 14,500.00	50%	$ 7,250.00	50%	$ -
4.4	***Electrical Works***								
4.4.1	Supply and Installation of Booster Pump Station Control Panel incl. Connection to Main Switchboard	Item	1	Lump Sum	$ 25,200.00	50%	$ 12,600.00	50%	$ -
4.4.2	Supply and Installation of Booster Pump Station Lighting	Item	1	Lump Sum	$ 1,600.00	20%	$ 320.00	80%	$ 960.00
4.4.3	Supply and Installation of Telemetry Instrumentation and Cabling	Item	1	Lump Sum	$ 10,000.00	0%	$ -	10%	$ 1,000.00
4.5	***Testing***								
4.5.1	Hydrostatic Testing of Pumping Station	Item	1	Lump Sum	$ 2,000.00	0%	$ -	0%	$ -
4.5.2	Full Commissioning Pumping Station, Electrical and Telemetry Works	Item	1	Lump Sum	$ 13,500.00	0%	$ -	0%	$ -
5.1	Gravel Access To Driveways	Item	1	Lump Sum	$ 3,000.00	100%	$ 3,000.00	100%	$ -
5.2	Control Room Fitout	Item	1	Lump Sum	$ 15,000.00	50%	$ 7,500.00	80%	$ 4,500.00
5.3	Internal Lining	Item	1	Lump Sum	$ 16,000.00	30%	$ 4,800.00	100%	$ 11,200.00
	Variations								
1	Variation No.1	Item		Lump Sum		100%	$ 1,900.00		$ 1,900.00
2	Variation No.2	Item		Lump Sum		100%	$ 790.00		$ 790.00
3	Variation No.3	Item		Lump Sum		100%	$ 3,360.00		$ 3,360.00
4	Variation No.4	Item		Lump Sum		100%	$ 1,920.00		$ 1,920.00
5	Variation No.5	Item		Lump Sum		100%	$ 3,552.00		$ 3,552.00
6	Variation No.6	Item		Lump Sum		100%	$ 878.00		$ 878.00
7	Variation No.7	Item		Lump Sum		100%	$ 1,152.00		$ 1,152.00
8	Variation No.8	Item		Lump Sum				100%	$ 1,952.00
				Total Excluding GST	$ 1,275,941.00		$ 723,831.20		$ 160,042.80
				GST	$ 127,594.10		$ 72,383.12		$ 16,004.28
				Total Contract Value	$ 1,403,535.10		$ 796,214.32		$ 176,047.08

DSDIP RTI Release

Oaths Act 1867

Statutory Declaration

QUEENSLAND
TO WIT

I, Sch. 4(4)(6)

of in the State of Queensland

do solemnly and sincerely declare that

All subcontractors and suppliers of invoices and claims that are relevant to claim no. 3 of contract no. 102.2013.2 Hughenden Fluoridation have been paid in full.

And I make this solemn declaration conscientiously believing the same to be true, and by virtue of the provisions of the Oaths Act 1867.

Sch. 4(4)(6)

Signature of declarant/deponent

Taken and declared before me at Townsville

this 31 day of October 2013

A Justice of the Peace/Commissioner for Declarations.

Melanie Mullins
Solicitor

DSDIP - RTI Release

AUZSCOT CIVIL AUSTRALIA
ABN: 16 122 776 845

PO BOX: 337, Belgian Gardens, QLD, 4810
Ph: 07 4721 4777
Fax: 07 4721 4877
Email: auzscot@auzscotcivil.com.au

TAX INVOICE

Invoice No: 13100906
Date: 31/10/2013

Bill To:
Flinders Shire Council
34 Gray Street
Hughenden Qld 4821

Purchase Order:

Description	Amount
Invoice for Claim No. 3 of Contract No. 102.2013.2 Hughenden Fluoridation Please see attached spreadsheet (Claim No.3)	$160,042.80

APPROVED
...../...../.....

Payment Terms: Invoice Total Due 14 Days
Payment Details: To: Arid to Oass Solutions P/L -
Trading As: Auzscot Civil Australia
BSB: 065-000
Account No: 1139-4747

GST:	$16,004.28
Total Inc GST:	$176,047.08
Amount Applied:	$0.00
Balance Due:	$176,047.08

DSDIP - RTI Release

SHIRE OF FLINDERS

Address Correspondence to:
Chief Executive Officer
PO Box 274 Hughenden Q 4821
34 Gray St, Hughenden Q 4821
ABN 24 420 911 643

P. 07 4741 2900
F. 07 4741 1741
E. flinders@flinders.qld.gov.au
W. www.flinders.qld.gov.au

PURCHASE ORDER

Order No: 11011 **Page: 1**
Order Type: Direct
Date: 04/09/2013

Please Quote Order Number on Delivery Docket & Tax Invoice. All Prices Include GST Where Applicable.

Auzscot Civil Australia, Arid to Oasis Solutions Pty Ltd
t/as
T/As Arid to Oasis
PO Box 337
BELGIAN GARDENS QLD 4810

's Phone (07) 4721 4777
Fax (07) 4721 4877

Due By: 04/03/2014

SPECIAL INSTRUCTIONS :
This Order requisitioned by Steve Turner (Director of Engineering - Flinders Shire Council)rs Shire Council)

ITEM DESCRIPTION	PRODUCT CODE	PART NUMBER	QUANTITY	UNIT	UNIT PRICE	ORDER VALUE
Hughenden Water Flouridation Project - Tender #102.2013.2			5.00	EACH	280,707.02	1,403,535.10
				Total Order Value		1,403,535.10

PURCHASE ORDER RECEIPT ENTERED

Purchasing Contact: C J Alloway

Authorised by: G T King

Page: Last of 1

DSDIP - RTI Release

RTI Document No. 149

Oaths Act 1867

Statutory Declaration

QUEENSLAND
TO WIT

I, Sch. 4(4)(6)

of in the State of Queensland

do solemnly and sincerely declare that

All subcontractors and suppliers of invoices and claims that are relevant to claim no. 3 of contract no. 102.2013.2 Hughenden Fluoridation have been paid in full.

And I make this solemn declaration conscientiously believing the same to be true, and by virtue of the provisions of the Oaths Act 1867.

Sch. 4(4)(6)

Signature of declarant/deponent

Taken and declared before me at Townsville

this 31 day of October 2013

A Justice of the Peace/Commissioner for Declarations.

Melanie Mullins
Solicitor

DSDIP - RTI Release

Rf 10 97

Michael Norris

From: Juanita Holden <financeofficer@flinders.qld.gov.au>
Sent: Wednesday, 9 April 2014 7:48 AM
To: Fluoride
Cc: Mel Keating; Leanne Rogers
Subject: Fluoride Flinders Claim 2
Attachments: FLINDERS CLAIM 2.pdf

Good Morning Robbie

Attached is claim 2 as discussed yesterday. Mel has indicated that the next claim will be the final claim.

Thanks

Juanita Holden
Finance Officer

SHIRE OF FLINDERS

CELEBRATING 150 YEARS
CHRONICLES OF FLINDERS

Flinders Shire Council
PO Box 274
Hughenden Qld 4821
Ph: 07 4741 2905
Fax: 07 4741 1741
Email: financeofficer@flinders.qld.gov.au
Website: www.flinders.qld.gov.au

DSDIP - RTI Release

RTI Document No. 151

Department of State Development, Infrastructure and Planning

Subsidy claim form

Council name: Flinders Shire Council	**ABN:** 24 420 911 643
Project name: Fluoridation of Hughenden Bore 4, Hughenden Bore 5, Hughenden Bore 7 & Hughenden Bore 9	
Funding program name: Queensland Fluoridation Capital Assistance Program	
Project number: Not Applicable	**Contact person:** Mel Keating
Is the organisation registered for GST? YES ☒ NO ☐	**GST registration date:**

Funding:	Total cost (Excluding GST) $	Subsidy $	Council funding $	Other state contributions $	Commonwealth contributions $	Other contributions $
Estimated / Approved	$1,437,000.00	$1,437,000.00				
Actual (spent to date)	$1,336,827.42	$1,103,975.26				

Work description	Non-subsidisable cost (excluding GST)	Subsidisable cost (Excluding GST)
Contractor payments for water fluoridation infrastructure construction		
Claim 1		$1,004,124.91
Claim 2		
Auzcot Civil Australia		$ 322,852.16
Project status	90 % Complete	
	Subsidy due (Excluding GST)	$1,326,977.07
	Less previous subsidy claims paid (Excluding GST)	$1,004,124.91
	TOTAL subsidy due this claim (Excluding GST)	**$322,852.16**

CERTIFICATION: (TO BE SIGNED BY CHIEF EXECUTIVE OFFICER OR APPROPRIATELY DELEGATED OFFICER)
I certify that all reports and/or attachments required for this claim are attached, the above amounts are true and accurate, and (where necessary) the stated portion of work on the project has been completed in accordance with Local Government Building Approvals and that these expenditures are for works approved under the program listed above

FLINDERS SHIRE COUNCIL
Sch. 4(4)(6)
CHIEF EXECUTIVE OFFICER

Name and Position

GRAHAM T. KING

08/04/2014

Signature Chief Executive Officer / Accountable Officer — Date

Revised forecasts
If this claim is for a project 25% or more complete, please provide the following information:

Future claim date	Claim amount

OFFICE USE ONLY	Date Received from Council	Actual Payment Date	
Claim is valid, amount correct & within approved project funds: Signature: Position: Date: / /	Claim details recorded in CLASS by: Signature: Position: CLASS Transaction No.: Date: / /	CLASS details checked by: Signature: Position: Date: / /	Payment dated and voucher no. entered into CLASS by: Signature: Position: CLASS Vhr No: Date: / /

Queensland Government

To: Department of State Development, Infrastructure and Planning
Director (Fluoridation)
PO Box 15009
City East Qld 4002

DSDIP RTI Release

RTI Document No. 152

Flinders Shire Council - Extract from Work Order 1651
Work Order 1651
GL: 19175.8405.0401

Date	Year	Peri	Ledger Account	Type	Reference	Account Name	Actual	Oncost	Transaction Description
10/01/2014	2014	7	19175.8405.0401	Invoice INV	13081903	Auzscot Civil Australia	216523	2165.23	Hughenden Water Flouridation Project - Tender
03/12/2013	2014	6	19175.8405.0401	Invoice INV	01309154	Auzscot Civil Australia	103132.6	1031.33	Hughenden Water Flouridation Project - Tender
							319655.6	3196.56	

DSDIP - RTI Release

RTI Document No. 153

INVOICE NUMBER	INVOICE DATE	CONTRACTORS NAME	AMOUNT PAID	GST	EX GST AMOUNT	DATE COUNCIL PAID	WORK ORDER	POSTING YEAR	COPY OF INVOICE
1309154	28/11/2013	Auscot Civil Australia	$ 113,445.86	$ 10,313.26	$ 103,132.60	5/12/2013	1651	2014	Yes
13081903	7/01/2014	Auscot Civil Australia	$ 238,175.30	$ 21,652.30	$ 216,523.00	16/01/2014	1651	2014	Yes
			$351,621.16	**$31,965.56**	**$319,655.60**				

		Actual Costs	Difference	LESS ONCOSTS	Variance
WO1651 2014	$319,655.60	$ 322,852.16	-$ 3,196.56	$ 3,196.56	$ -
TOTAL	**$ 319,655.60**	**$ 322,852.16**	**-$ 3,196.56**	**$ 3,196.56**	**$ -**

DSDIP - RTI Release

SHIRE OF FLINDERS

Address Correspondence to:
Chief Executive Officer
PO Box 274 Hughenden Q 4821
34 Gray St, Hughenden Q 4821
ABN 24 420 911 643

P. 07 4741 2900
F. 07 4741 1741
E: creditors@flinders.qld.gov.au
W: www.flinders.qld.gov.au

Advice Date: 5/12/2013
Creditor Account: 2,103.01

Auzscot Civil Australia, Arid to Oasis Solutions Pty Ltd t/as
T/As Arid to Oasis
PO Box 337
BELGIAN GARDENS QLD 4810

Attention: auzscot@auzscotcivil.com.

Date	*Reference*	*Type*	*Invoice*	*Credit*
28/11/2013	01309154	INV	113,445.86	
#102.2013.2 - Progress Claim #4				

TRANSFER: **$113,445.86**

The net balance of $113,445.86 has been credited to your bank account.
If you have any query relating to the information provided, please contact Council's Creditors Section at the number shown above.

Authorisation: Sch. 4(4)(6)

DSDIP - RTI Release

RTI Document No. 155

AUZSCOT CIVIL AUSTRALIA
ABN: 16 122 776 845

PO BOX: 337, Belgian Gardens, QLD, 4810
Ph: 07 4721 4777
Fax: 07 4721 4877
Email: auzscot@auzscotcivil.com.au

TAX INVOICE

Invoice No: 01309154
Date: 28/11/2013

Bill To:
Flinders Shire Council
34 Gray Street
Hughenden Qld 4821

Purchase Order:

Description	Amount
Invoice for Claim No. 4 of Contract No. 102.2013.2 Hughenden Fluoridation Please see attached Claim No. 4 Spreadsheet	$103,132.60

APPROVED
Sch. 4(4)(6)
20/11/13

Payment Terms: Invoice Total Due 14 Days
Payment Details: To: Arid to Oass Solutions P/L -
Trading As: Auzscot Civil Australia
BSB: 065-000
Account No: 1139-4747

GST:	$10,313.26
Total Inc GST:	$113,445.86
Amount Applied:	$0.00
Balance Due:	$113,445.86

ENTERED

DSDIP - RTI Release

Address Correspondence to:
Chief Executive Officer
PO Box 274 Hughenden Q 4821
34 Gray St, Hughenden Q 4821
ABN 24 420 911 643

P. 07 4741 2900
F. 07 4741 1741
E: creditors@flinders.qld.gov.au
W: www.flinders.qld.gov.au

SHIRE OF FLINDERS

Advice Date: 16/01/2014
Creditor Account: 2,103.01

Auzscot Civil Australia, Arid to Oasis Solutions Pty Ltd t/as
T/As Arid to Oasis
PO Box 337
BELGIAN GARDENS QLD 4810

Attention: auzscot@auzscotcivil.com.

Date	*Reference*	*Type*	*Invoice*	*Credit*
07/01/2014	13081903	INV	238,175.30	
Progress Claim #5				

TRANSFER: **$238,175.30**

The net balance of $238,175.30 has been credited to your bank account.
If you have any query relating to the information provided, please contact Council's Creditors Section at the number shown above.

Authorisation: Sch. 4(4)(6) Sch. 4(4)(6)

DSDIP - RTI Release

RTI Document No. 157

Arid To Oasis Solutions Pty Ltd T/A
AUZSCOT CIVIL AUSTRALIA
ABN: 16 122 776 845

PO BOX: 337, Belgian Gardens, QLD, 4810
Ph: 07 4721 4777
Fax: 07 4721 4877
Email: auzscot@auzscotcivil.com.au

1411

TAX INVOICE

Invoice No: [redacted]
Date: 7/01/2014

Bill To:
Flinders Shire Council
34 Gray Street
Hughenden Qld 4821

Quality ISO 9001 Environment ISO 14001 Health & Safety AS 4801

Purchase Order:

Description	Amount
Invoice for Claim No. 5 of Contract No. 102.2013.2 Hughenden Fluoridation	$216,523.00

APPROVED
Sch. 4(4)(6)
9/1/14

CHECKED & APPROVED FOR PAYMENT
Sch. 4(4)(6)
Sch. 4(4)(6)
9/1/14

Payment Terms: Invoice Total Due 14 Days
Payment Details: To: Arid to Oass Solutions P/L -
Trading As: Auzscot Civil Australia
BSB: 065-000
Account No: 1139-4747

GST:	$21,652.30
Total Inc GST:	$238,175.30
Amount Applied:	$0.00
Balance Due:	$238,175.30

ENTERED

DSDIP RTI Release

Ref 11

Michael Norris

From: Juanita Holden <financeofficer@flinders.qld.gov.au>
Sent: Thursday, 10 April 2014 1:46 PM
To: Fluoride
Cc: Mel Keating
Subject: Flinders - Updated Claim 2
Attachments: FLINDERS CLAIM 2 UPDATE.PDF

Hi Robbie

Apologies – I have been at front reception this morning.

Attached is the revised claim.

Thanks

Juanita Holden
Finance Officer

SHIRE OF FLINDERS

CELEBRATING 150 YEARS
CHRONICLES OF FLINDERS

Flinders Shire Council
PO Box 274
Hughenden Qld 4821
Ph: 07 4741 2905
Fax: 07 4741 1741
Email: financeofficer@flinders.qld.gov.au
Website: www.flinders.qld.gov.au

DSDIP - RTI Release

RTI Document No. 159

Department of State Development, Infrastructure and Planning

Subsidy claim form

Council name: Flinders Shire Council	**ABN:** 24 420 911 643
Project name: Fluoridation of Hughenden Bore 4, Hughenden Bore 5, Hughenden Bore 7 & Hughenden Bore 9	
Funding program name: Queensland Fluoridation Capital Assistance Program	
Project number: Not Applicable	**Contact person:** Mel Keating
Is the organisation registered for GST? YES ☒ NO ☐	**GST registration date:**

Funding:	Total cost (Excluding GST) $	Subsidy $	Council funding $	Other state contributions $	Commonwealth contributions $	Other contributions $
Estimated / Approved	$1,437,000.00	$1,437,000.00				
Actual (spent to date)	$1,336,827.42	$1,103,975.26				

Work description	Non-subsidisable cost (excluding GST)	Subsidisable cost (Excluding GST)
Contractor payments for water fluoridation infrastructure construction Claim 1 Claim 2 Auzcot Civil Australia		$1,004,124.91 $ 319,655.60
Project status	90 % Complete	
	Subsidy due (Excluding GST)	$1,323,780.51
	Less previous subsidy claims paid (Excluding GST)	$1,004,124.91
	TOTAL subsidy due this claim (Excluding GST)	**$ 319,655.60**

CERTIFICATION: (TO BE SIGNED BY CHIEF EXECUTIVE OFFICER OR APPROPRIATELY DELEGATED OFFICER)
I certify that all reports and/or attachments required for this claim are attached, the above amounts are true and accurate, and (where necessary) the stated portion of work on the project has been completed in accordance with Local Government Building Approvals and that these expenditures are for works approved under the program listed above

GRAHAM T KING / ACTING CEO
Name
FLINDERS SHIRE COUNCIL
Sch. 4(4)(6)
CHIEF EXECUTIVE OFFICER / 08/04/2014
Signature Chief Executive Officer / Accountable Officer — Date

Revised forecasts
If this claim is for a project 25% or more complete, please provide the following information:

Future claim date	Claim amount

OFFICE USE ONLY	Date Received from Council	Actual Payment Date	
	/ /	/ /	
Claim is valid, amount correct & within approved project funds: Signature: _____ Position: _____ Date: / /	Claim details recorded in CLASS by: Signature: _____ Position: _____ CLASS Transaction No.: Date: / /	CLASS details checked by: Signature: _____ Position: _____ Date: / /	Payment dated and voucher no. entered into CLASS by: Signature: _____ Position: _____ CLASS Vhr No: Date: / /

Queensland Government

To: Department of State Development, Infrastructure and Planning
Director (Fluoridation)
PO Box 15009
City East Qld 4002

DSDIP - RTI Release

Ref 12

Michael Norris

From: Juanita Holden <financeofficer@flinders.qld.gov.au>
Sent: Thursday, 24 April 2014 8:30 AM
To: Fluoride
Subject: Payment received

Hi Robbie

Payment was received 17/04/14 $289,175.09

Thanks

Juanita Holden
Finance Officer

SHIRE OF FLINDERS

CELEBRATING 150 YEARS
CHRONICLES OF FLINDERS

Flinders Shire Council
PO Box 274
Hughenden Qld 4821
Ph: 07 4741 2905
Fax: 07 4741 1741
Email: financeofficer@flinders.qld.gov.au
Website: www.flinders.qld.gov.au

DSDIP - RTI Release

RTI Document No. 161

Ref 13

Michael Norris

From: Mel Keating <eho@flinders.qld.gov.au>
Sent: Wednesday, 16 April 2014 3:30 PM
To: Fluoride
Subject: Final claim and close-out report

Thanks Robbie,

Juanita and I are working on the final claim and close-out report. Prominent has finally sent through attendance sheets and certificates for the Plumbers who undertook their training.

Cheers

Mel Keating

ENVIRONMENTAL HEALTH OFFICER

SHIRE OF FLINDERS

CELEBRATING 150 YEARS
CHRONICLES OF FLINDERS

Shire of Flinders
P 07 4741 2900
F 07 4741 1741
34 Gray Street, Hughenden Q 4821
PO Box 274 Hughenden Q 4821
eho@flinders.qld.gov.au
www.flinders.qld.gov.au

Discovery • Opportunity • Lifestyle

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Please consider the environment before printing this email

From: Fluoride [mailto:fluoride@dsdip.qld.gov.au]
Sent: Wednesday, April 16, 2014 3:26 PM
To: Juanita Holden; Mel Keating
Subject: Claim 2 RCTI notice copy

Afternoon ladies
Please find attached a copy of the Recipient Created Tax Invoice dated 16 April 2014 totalling $289,175.09 for Claim 2 for the Hughenden Bores water fluoridation project.
Could you email fluoride@dsdip.qld.gov.au to confirm when the electronic funds transfer payment has been received.
Cheers Robbie

DSDIP RTI Release

RTI Document No. 162

Robbie Recoquillion
Senior Project Officer
Queensland Water Fluoridation Implementation Program
Major Projects
Department of State Development, Infrastructure and Planning
Queensland Government

Visit: Level 8, 63 George Street
Post: PO Box 15009, City East QLD 4002
Phone: (07) 3452 7764
Email: Robbie.Recoquillion@dsdip.qld.gov.au

Great state. Great opportunity.

Please consider the environment before printing this email

DSDIP - RTI Release

RTI Document No. 163

Ref 14

Queensland Government

Department of State Development, Infrastructure and Planning

Ref No: OUT14/5030

27 JUN 2014

Mr Graham King
Chief Executive Officer
Flinders Shire Council
PO Box 274
HUGHENDEN QLD 4821

Dear Mr King

Queensland Fluoridation Capital Assistance Program

Thank you for submitting Flinders Shire Council's (the council) Project Close Out report and final expenditure reimbursement claim for the Fluoridation of Hughenden Bore 4, Hughenden Bore 5, Hughenden Bore 7 & Hughenden Bore 9 project which was funded under the Queensland Fluoridation Capital Assistance Program (QFCAP). Total QFCAP funding paid to the council for this project was $1 437 000.00.

With the completion of eligible expenditure reimbursements, I confirm the Department of State Development, Infrastructure and Planning (DSDIP) has finalised funding for this project.

Should the council have any questions regarding water fluoridation legislation, please contact the Department of Health, Regional Public Health Office in Mount Isa on 4744 7186.

If you have any questions regarding the QFCAP funding, please contact Kate Browning, Program Manager, Major Projects Office, DSDIP on 3452 7876, who will be pleased to assist.

Yours sincerely

Sch. 4(4)(6)

Stuart Pickering
Deputy Director-General
Major Projects Office

cc - Dr Greg Jackson, Director, Water Quality Unit
Environmental Health Branch, Queensland Health

63 George Street
PO Box 15009
City East Queensland 4002
Telephone + 61 7 3452 7781
Website: www.dsdip.qld.gov.au

DSDIP RTI Release

RTI Document No. 164

Ref 15

Michael Norris

From: Juanita Holden <financeofficer@flinders.qld.gov.au>
Sent: Friday, 9 May 2014 8:44 AM
To: Fluoride
Cc: Mel Keating
Subject: RE: Flinders Final Claim

Good morning Michael

Yes it did make sense and I was able to put these calculations into my spreadsheet.

Thank you for checking it for me. Enjoy your weekend.

Juanita Holden
Finance Officer

SHIRE OF FLINDERS

Flinders Shire Council
PO Box 274
Hughenden Qld 4821
Ph: 07 4741 2905
Fax: 07 4741 1741
Email: financeofficer@flinders.qld.gov.au
Website: www.flinders.qld.gov.au

From: Fluoride [mailto:fluoride@dsdip.qld.gov.au]
Sent: Friday, 9 May 2014 8:40 AM
To: Juanita Holden; Fluoride
Cc: Mel Keating
Subject: RE: Flinders Final Claim

Hi Juanita

Thanks for this – much appreciated.

I hope that e-mail regarding the circa $30K made sense!

I'll assess this and wait for the Project Close Out Report to arrive.

Thanks again and have a good weekend.

Regards

Michael Norris
Senior Project Officer
Queensland Water Fluoridation Implementation Program
Department of State Development, Infrastructure and Planning
Level 8, 63 George Street Brisbane
PO Box 15009 City East Queensland 4002 Australia

DSDIP - RTI Release

RTI Document No. 165

TELEPHONE NUMBER 3452 7761

Email michael.norris@dsdip.qld.gov.au
Website www.dsdip.qld.gov.au
Please consider the environment before printing this email
Tomorrow's Queensland: strong, green, smart, healthy and fair

---

From: Juanita Holden [mailto:financeofficer@flinders.qld.gov.au]
Sent: Thursday, 8 May 2014 4:56 PM
To: Fluoride
Cc: Mel Keating
Subject: Flinders Final Claim

Hi Michael

Thank you for your reply earlier in the day.

Here is the final claim – Mel Keating will be doing the final report.

Juanita Holden
Finance Officer

SHIRE OF FLINDERS

Flinders Shire Council
PO Box 274
Hughenden Qld 4821
Ph: 07 4741 2905
Fax: 07 4741 1741
Email: financeofficer@flinders.qld.gov.au
Website: www.flinders.qld.gov.au

From: copier@flinders.gov.au [mailto:copier@flinders.gov.au]
Sent: Thursday, 8 May 2014 4:14 PM
To: Juanita Holden
Subject: Message from KMBT_C654e

DSDIP - RTI Release

RTI Document No. 166

Ref 16

Michael Norris

From: Mel Keating <eho@flinders.qld.gov.au>
Sent: Wednesday, 4 June 2014 3:45 PM
To: Fluoride
Subject: Re: Hughenden Bores Water Fluoridation - Project Close Out Report

Hi Michael,

The closeout report will be with you at the end of this week.

Cheers

Mel

Sent from my iPad

On 4 Jun 2014, at 3:34 pm, "Fluoride" <fluoride@dsdip.qld.gov.au<mailto:fluoride@dsdip.qld.gov.au>> wrote:

Good Afternoon Juanita and Mel

I'm just doing a bit of QFCAP housekeeping and I was hoping you could provide me with an update on when the Project Close Out Report for the Hughenden Bores Water Fluoridation project is to be submitted.

I've prepared the brief recommending payment and all I'm waiting on is the Project Close Out Report.

Any information you can provide would be greatly appreciated.

Thanks!

Michael Norris
Senior Project Officer
Queensland Water Fluoridation Implementation Program Department of State Development, Infrastructure and Planning Level 8, 63 George Street Brisbane PO Box 15009 City East Queensland 4002 Australia

TELEPHONE NUMBER 3452 7761

Email michael.norris@dsdip.qld.gov.au<mailto:michael.norris@dsdip.qld.gov.au>
Website www.dsdip.qld.gov.au<http://www.dsdip.qld.gov.au>
Please consider the environment before printing this email Tomorrow's Queensland: strong, green, smart, healthy and fair

DSDIP RTI Release

RTI Document No. 167

Ref 17

Michael Norris

From: Juanita Holden <financeofficer@flinders.qld.gov.au>
Sent: Thursday, 8 May 2014 4:56 PM
To: Fluoride
Cc: Mel Keating
Subject: Flinders Final Claim
Attachments: FLINDERS.pdf

Hi Michael

Thank you for your reply earlier in the day.

Here is the final claim – Mel Keating will be doing the final report.

Juanita Holden
Finance Officer

SHIRE OF FLINDERS

Flinders Shire Council
PO Box 274
Hughenden Qld 4821
Ph: 07 4741 2905
Fax: 07 4741 1741
Email: financeofficer@flinders.qld.gov.au
Website: www.flinders.qld.gov.au

From: copier@flinders.gov.au [mailto:copier@flinders.gov.au]
Sent: Thursday, 8 May 2014 4:14 PM
To: Juanita Holden
Subject: Message from KMBT_C654e

DSDIP - RTI Release

RTI Document No. 168

Department of State Development, Infrastructure and Planning

Subsidy claim form

Council name: Flinders Shire Council	**ABN:** 24 420 911 643
Project name: Fluoridation of Hughenden Bore 4, Hughenden Bore 5, Hughenden Bore 7 & Hughenden Bore 9	
Funding program name: Queensland Fluoridation Capital Assistance Program	
Project number: Not Applicable	**Contact person:** Mel Keating
Is the organisation registered for GST? YES ☒ NO ☐	**GST registration date:**

Funding:	Total cost (Excluding GST) $	Subsidy $	Council funding $	Other state contributions $	Commonwealth contributions $	Other contributions $
Estimated / Approved	$1,437,000.00	$1,437,000.00				
Actual (spent to date)	$1 482,231.89	$1,293,300.00	$45,231.89			

Work description	**Non-subsidisable cost (excluding GST)**	**Subsidisable cost (Excluding GST)**
Contractor payments for water fluoridation infrastructure construction		
Claim 1		$1,004,124.91
Claim 2		$ 319,655.60
Claim 3		
Auscot Civil		$ 518,451.38

Project status	100 % Complete
Subsidy due (Excluding GST)	$1,437,000.00
Less previous subsidy claims paid (Excluding GST)	$1,293,300.00
TOTAL subsidy due this claim (Excluding GST)	**$ 143,700.00**

CERTIFICATION: (TO BE SIGNED BY CHIEF EXECUTIVE OFFICER OR APPROPRIATELY DELEGATED OFFICER)
I certify that all reports and/or attachments required for this claim are attached, the above amounts are true and accurate, and (where necessary) the stated portion of work on the project has been completed in accordance with Local Government Building Approvals and that these expenditures are for works approved under the program listed above

Leanne Rogers
Director Corporate Services

Name and Position

Sch. 4(4)(6)

08/04/2014
Date

Signature ~~Chief Executive Officer~~ / Accountable Officer

Revised forecasts
If this claim is for a project 25% or more complete, please provide the following information:

Future claim date	Claim amount

OFFICE USE ONLY	Date Received from Council	Actual Payment Date	
Claim is valid, amount correct & within approved project funds: Signature: _____ Position: _____ Date: / /	Claim details recorded in CLASS by: Signature: _____ Position: _____ CLASS Transaction No.: Date: / /	CLASS details checked by: Signature: _____ Position: _____ Date: / /	Payment dated and voucher no. entered into CLASS by: Signature: _____ Position: _____ CLASS Vhr No: Date: / /

Queensland Government

To: Department of State Development, Infrastructure and Planning
Director (Fluoridation)
PO Box 15009
City East Qld 4002

DSDIP - RTI Release

Flinders Shire Council
Water Flouride Implementation - Hughenden
Date: **Thursday, 8 May 2014**

Account	Contractor	Works Order	Expenses Actual
	Auscot Civil Australia	1651	$ 158,451.38
	Total		**$ 158,451.38**

Subsidy Claim Form Amounts

	Claim 1	Claim 2	Claim 3	Total
Actual Costs (spent to Date)	$ 1,004,124.91	$ 319,655.60	$ 158,451.38	**$ 1,482,231.89**
Total Eligible Project Cost	$ 1,437,000.00	$ 1,437,000.00	$ 1,437,000.00	**$ 1,437,000.00**
Approved Subsidy Amount	$ 1,437,000.00	$ 1,437,000.00	$ 1,437,000.00	**$ 1,437,000.00**
Council Contributions	$ -	$ 30,480.51	$ 14,751.38	**$ 45,231.89**
Subsidy Due (GST Exclusive)	$ 1,004,124.91	$ 1,323,780.51	$ 1,482,231.89	**$ 1,482,231.89**
Less Previous Subsidy Claims Paid (GST Exclusive)	$ 143,700.00	$ 1,004,124.91	$ 1,293,300.00	**$ 1,293,300.00**
Total Subsidy Due this Claim	**$ 860,424.91**	**$ 289,175.09**	**$ 143,700.00**	$ 1,437,000.00

Total Project Costs	$ 1,482,231.89
Approved Subsidy	$ 1,437,000.00
Council Contributions	$ 45,231.89

Receipts to date: 8/05/2014	GL: 1470.135.820	143,700.00
	GL: 1470.135.821	1,149,600.00
		$ 1,293,300.00

DSDIP - RTI Release

RTI Document No. 170

SHIRE OF FLINDERS

Address Correspondence to:
Chief Executive Officer
PO Box 274 Hughenden Q 4821
34 Gray St, Hughenden Q 4821
ABN 24 420 911 643

P. 07 4741 2900
F. 07 4741 1741
E: creditors@flinders.qld.gov.au
W: www.flinders.qld.gov.au

COPY

Advice Date: 10/04/2014
Creditor Account: 2,103.01

Auzscot Civil Australia, Arid to Oasis Solutions Pty Ltd t/as
T/As Arid to Oasis
PO Box 337
BELGIAN GARDENS QLD 4810

Attention: auzscot@auzscotcivil.com.

Date	*Reference*	*Type*	*Invoice*	*Credit*
26/02/2014	13101703	INV	172,929.46	
Claim #6				

TRANSFER: **$172,929.46**

The net balance of $172,929.46 has been credited to your bank account.
If you have any query relating to the information provided, please contact Council's Creditors Section at the number shown above.

Authorisation: Sch. 4(4)(6) Sch. 4(4)(6)

DSDIP - RTI Release

RTI Document No. 171

513

#2103

Arid To Oasis Solutions Pty Ltd T/A
AUZSCOT CIVIL AUSTRALIA
ABN: 16 122 776 845

PO BOX: 337, Belgian Gardens, QLD, 4810
Ph: 07 4721 4777
Fax: 07 4721 4877
Email: auzscot@auzscotcivil.com.au

TAX INVOICE

Invoice No: 13101703
Date: 26/02/2014

Bill To:
Flinders Shire Council
34 Gray Street
Hughenden Qld 4821

Purchase Order:

Description	Amount
Invoice for Claim No. 6 of Contract No. 102.2013.2 Hughenden Fluoridation	$157,208.60

APPROVED
Sch. 4(4)(6)
9/4/14

Payment Terms: Invoice Total Due 14 Days
Payment Details: To: Arid to Oass Solutions P/L -
Trading As: Auzscot Civil Australia
BSB: 065-000
Account No: 1139-4747

GST:	$15,720.86
Total Inc GST:	$172,929.46
Amount Applied:	$0.00
Balance Due:	$172,929.46

ENTERED

DSDIP - RTI Release

COPY

17/4

AUZSCOT CIVIL

#2103.

Arid To Oasis Solutions Pty Ltd T/A
AUZSCOT CIVIL AUSTRALIA
ABN: 16 122 776 845

PO BOX: 337, Belgian Gardens, QLD, 4810
Ph: 07 4721 4777
Fax: 07 4721 4877
Email: auzscot@auzscotcivil.com.au

TAX INVOICE

Quality ISO 9001 Environment ISO 14001 Health & Safety AS 4801

Invoice No: 14022819
Date: 10/04/2014

Bill To:
Flinders Shire Council
34 Gray Street
Hughenden Qld 4821

Purchase Order:

Description	Amount
Claim No. 7 (Final Claim) As per attached spreadsheet W1651.481.401. Drainage Rehabilitation Contract # 102.2013 2	$1,242.78

APPROVED
Sch. 4(4)(6)
Sch. 4(4)(6)

Payment Terms: Invoice Total Due 14 Days
Payment Details: To: Arid to Oass Solutions P/L -
Trading As: Auzscot Civil Australia
BSB: 065-000 ✓
Account No: 1139-4747 ✓

GST:	$124.28
Total Inc GST:	$1,367.06
Amount Applied:	$0.00
Balance Due:	$1,367.06

ENTERED

DSDIP - RTI Release

SHIRE OF FLINDERS

Address Correspondence to:
Chief Executive Officer
PO Box 274 Hughenden Q 4821
34 Gray St, Hughenden Q 4821
ABN 24 420 911 643

P. 07 4741 2900
F. 07 4741 1741
E: creditors@flinders.qld.gov.au
W: www.flinders.qld.gov.au

Advice Date: 8/05/2014
Creditor Account: 2,103.01

Auzscot Civil Australia, Arid to Oasis Solutions Pty Ltd t/as
T/As And to Oasis
PO Box 337
BELGIAN GARDENS QLD 4810

Attention: auzscot@auzscotcivil.com

Date	*Reference*	*Type*	*Invoice*	*Credit*
10/04/2014	14022819	INV	1,367.06	

TRANSFER: **$1,367.06**

The net balance of $1,367.06 has been credited to your bank account.
If you have any query relating to the information provided, please contact Council's Creditors Section at the number shown above.

Authorisation: Sch. 4(4)(6) Sch. 4(4)(6)

DSDIP - RTI Release

RTI Document No. 174

Ref 18

Michael Norris

From: Mel Keating <eho@flinders.qld.gov.au>
Sent: Tuesday, 8 April 2014 12:27 PM
To: Robbie Recoquillion
Subject: Council response to Claim one payment - RCTI notice

Hi Robbie,

Thanks for that. Juanita is working on the final claims and I am working on the Close-out report. I won't be able to get it away until after this weekend as I am still waiting on some info from Prominent. Good news on the Desk top analyser front, we have managed to get it to work. I am away tomorrow but will call you on Friday to check that I am on the right track with the report.

Cheers

Mel Keating

ENVIRONMENTAL HEALTH OFFICER

SHIRE OF FLINDERS

CELEBRATING 150 YEARS
CHRONICLES OF FLINDERS

Shire of Flinders
P 07 4741 2900
F 07 4741 1741
34 Gray Street, Hughenden Q 4821
PO Box 274 Hughenden Q 4821
eho@flinders.qld.gov.au
www.flinders.qld.gov.au

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Please consider the environment before printing this email

DSDIP - RTI Release

RTI Document No. 175

Ref 19

Michael Norris

From: Fluoride
Sent: Wednesday, 19 February 2014 12:11 PM
To: Juanita Holden
Subject: Subsidy Claim Form - Hughenden Bores project under QFCAP

Many thanks Juanita

Expenditure reimbursement claim one under the Queensland Fluoridation Capital Assistance Program (QFCAP)

I will keep any eye out for the arrival of the signed expenditure reimbursement claim form. I'm ready to progress this along.

I spoke with Mel Keating in your absence and she indicated you have already given her data to review for the next claim which is excellent news as **QFCAP finishes on 30 June 2014 and all claims and paperwork needs to be lodged by 1 April 2014**.

Questions:
Is your project complete and will the next expenditure reimbursement claim be the final?
Have you been asked to provide any financial information into the project close out report?

Release of the final 10 per cent of approved project funds under the QFCAP is dependent upon Council supplying a project close out report. Council may still lodge an expenditure reimbursement claim form for the full final amount, however the Department of State Development, Infrastructure and Planning would only reimburse up to a total of 90 per cent of the approved QFCAP funding without the project close out report.

Cheers Robbie

Ms Robbie Recoquillion
Senior Project Officer
Queensland Water Fluoridation Implementation Program
Major Projects
Department of State Development, Infrastructure and Planning
Queensland Government

Visit: Level 8, 63 George Street
Post: PO Box 15009, City East QLD 4002
Phone: (07) 3452 7764
Email: Robbie.Recoquillion@dsdip.qld.gov.au

Great state. Great opportunity.

Please consider the environment before printing this email

From: Juanita Holden [mailto:financeofficer@flinders.qld.gov.au]
Sent: Wednesday, 19 February 2014 9:41 AM
To: Fluoride
Subject: TRIM: Council response to Subsidy Claim Form - Hughenden Bores project under QFCAP

Hi Robbie

Sorry – has been a hectic couple of days trying to catch up. I have given Graham the form to sign off and will get it emailed to you ASAP. He is in briefing today, so may not be until late this afternoon.

Thanks for your understanding.

DSDIP - RTI Release

RTI Document No. 176

Juanita Holden
Acting Finance Manager

SHIRE OF FLINDERS

CELEBRATING 150 YEARS
CHRONICLES OF FLINDERS

Flinders Shire Council
PO Box 274
Hughenden Qld 4821
Ph: 07 4741 2905
Fax: 07 4741 1741
Email: financeofficer@flinders.qld.gov.au
Website: www.flinders.qld.gov.au

DSDIP - RTI Release

RTI Document No. 177

Rf 20

Michael Norris

From: Juanita Holden <financeofficer@flinders.qld.gov.au>
Sent: Monday, 24 February 2014 2:00 PM
To: Fluoride
Subject: Flinders Subsidy Claim and Acquittal forms
Attachments: FLINDERS SHIRE.pdf

Sorry Robbie – just got back from lunch

Juanita Holden
Acting Finance Manager

SHIRE OF FLINDERS

CELEBRATING 150 YEARS
CHRONICLES OF FLINDERS

Flinders Shire Council
PO Box 274
Hughenden Qld 4821
Ph: 07 4741 2905
Fax: 07 4741 1741
Email: financeofficer@flinders.qld.gov.au
Website: www.flinders.qld.gov.au

From: copier@flinders.gov.au [mailto:copier@flinders.gov.au]
Sent: Monday, 24 February 2014 1:58 PM
To: Juanita Holden
Subject: Message from KMBT_C654e

DSDIP - RTI Release

RTI Document No. 178

Department of State Development, Infrastructure and Planning

Subsidy claim form

Council name: Flinders Shire Council	**ABN:** 24 420 911 643
Project name: Fluoridation of Hughenden Bore 4, Hughenden Bore 5, Hughenden Bore 7 & Hughenden Bore 9.	
Funding program name: Queensland Fluoridation Capital Assistance Program	
Project number: Not Applicable	**Contact person:** Mel Keating
Is the organisation registered for GST? YES ☒ NO ☐	**GST registration date:**

Funding:	Total cost (Excluding GST) $	Subsidy $	Council funding $	Other state contributions $	Commonwealth contributions $	Other contributions $
Estimated / Approved	$1,437,000.00	$1,437,000.00				
Actual (spent to date)	$1,004,124.91	$1,004,124.91				

Work description	**Non-subsidisable cost (excluding GST)**	**Subsidisable cost (Excluding GST)**
Contractor payments for water fluoridation infrastructure construction: Douglas Partners $6,860.00 GHD Pty Ltd $129,950.00 Auscott Civil $867,087.64 Ergon Energy $227.27 Total ex GST $1,004,124.91		$1,004,124.91
Project status	80 ☐ **% Complete**	
	Subsidy due (Excluding GST)	$1,004,124.91
	Less previous subsidy claims paid (Excluding GST)	-$143,700.00
	TOTAL subsidy due this claim (Excluding GST)	**$860,424.91**

CERTIFICATION: (TO BE SIGNED BY CHIEF EXECUTIVE OFFICER OR APPROPRIATELY DELEGATED OFFICER)
I certify that all reports and/or attachments required for this claim are attached, the above amounts are true and accurate, and (where necessary) the stated portion of work on the project has been completed in accordance with Local Government Building Approvals and that these expenditures are for works approved under the program listed above

GRAHAM T KING
ACTING C E O

Name and Position

Sch. 4(4)(6)

Signature Chief Executive Officer / Accountable Officer

22/2/14 Date

Revised forecasts
If this claim is for a project 25% or more complete, please provide the following information:

Future claim date	Claim amount

OFFICE USE ONLY	Date Received from Council	Actual Payment Date	
Claim is valid, amount correct & within approved project funds: Signature: Position: Date: / /	Claim details recorded in CLASS by: Signature: Position: CLASS Transaction No.: Date: / /	CLASS details checked by: Signature: Position: Date: / /	Payment dated and voucher no. entered into CLASS by: Signature: Position: CLASS Vnr No: Date: / /

Queensland Government

To: Department of State Development, Infrastructure and Planning
Director (Fluoridation)
PO Box 15009
City East Qld 4002

DSDIP RTI Release

Queensland Fluoridation Capital Assistance Program Acquittal form

Public potable water supplier: Flinders Shire Council	
Contact person: Mel Keating	Position: Enviromental Health Officer
Phone: (07) 4741-2900	Email: eho@flinders.qld.gov.au
Postal address: PO Box 274, Hughenden Qld 4821	Facsimile:
Project: Fluoridation of Hughenden Bore 4, Hughenden Bore 5, Hughenden Bore 7 & Hughenden Bore 9.	
Regulated water supply:	
Total approved grant amount: $1,437,000.00	
Grant payment amount being acquitted on this form: $143,700.00 minimum	

Details of expenditure

Capital or Establishment Item purchased	**Cost Amount GST Exclusive**
Fluoridation of Hughenden Bores	$1,013,975.26
	$
	$
	$
	$
	$
	$
	$
	$
	$
Total expenditure being acquitted	**$1,013,975.26**

Certification:
We certify that the information provided above is a true and accurate record of how council expended the financial assistance provided by the Queensland Government in relation to the project.

Sch. 4(4)(6)		Sch. 4(4)(6)	19/11/13
Signed: Mayor	**Date**	**Signed: Chief Executive Officer**	**Date**

Please return to:

Director - Water Fluoridation Implementation
Queensland Fluoridation Capital Assistance Program
Department State Development, Infrastructure and Planning
PO Box 15009 City East Qld 4002

tel: 3898 0450

DSDIP - RTI Release

Flinders Shire Council

Water Flouride Implementation - Hughenden

Date: **Tuesday, 19th N ovember 2012**

Contractor: **Auzcot Civil**

Account	Contractor	Works Order	Expenses to 30 June 2012	Expenses to 30 June 2013	Payments 1/7/13 to 19/11/2013 EX GST
	Douglas Partners	1651		6,928.60	
	Ergon Energy	1651		-	229.54
1076	Auzcot Civil	1651		-	875,758.52
	GJ Jones Electrical			-	
	LGIS-Local Government Ifrastructure Services				
	Local Buy Probity Services			-	-
	MacDonnells Law			-	
	Wages and Contractors and Materials	1651		93,576.50	4,797.50
	Wages and Contractors and Materials	1433	32,684.60	0	
	Total		**32,684.60**	**100,505.10**	**880,785.56**

Subsidy Claim Form Amounts

Actual Costs (spent to Date)	1,013,975.26
Total Eligible Project Cost	1,013,975.26
Approved Subsidy Amount	1,013,975.26
Council Contributions	-
Subsidy Due (GST Exclusive)	1,013,975.26
Less Previous Subsidy Claims Paid (GST Exclusive)	143,700.00
Total Subsidy Due this Claim	870,275.26

DSDIP - RTI Release

Ref 21

Michael Norris

From: Fluoride
Sent: Wednesday, 5 February 2014 10:53 AM
To: Juanita Holden (financeofficer@flinders.qld.gov.au)
Cc: Mel Keating (eho@flinders.qld.gov.au)
Subject: Subsidy Claim Form - Hughenden Bores
Attachments: Hughenden Bores - Fluoridation - Subsidy Claim form.doc.docx

Good morning Juanita

I drafted up the attached subsidy claim form but cannot find any evidence that I've emailed a copy to you for your consideration, my apologies.

I've worked through the sheets we chatted about in our last phone conversation of 23 January 2014 and used the figures below for my total.

Contractor payments for water fluoridation infrastructure construction:

Douglas Partners	$6,860.00
GHD Pty Ltd	$129,950.00
Auscott Civil	$867,087.64
Ergon Energy	$227.27
Total ex GST	$1,004,124.91

This works out that expenditure is 69.87% of the QFCAP approved funding to date.

Taking off the advance 10% already remitted ($143,700.00)that leaves a balance to pay for this claim of $860,424.91.

If you agree with this calculation could you arrange to have the form signed and returned to fluoride@dsdip.qld.gov.au after you have updated the two areas marked in red (please amend back to black once you have updated so I'll know you have looked at these fields).

If you have other claims ready to lodge these can now be forwarded, however we can only reimburse your expenditure claims up to a total of $1,293,300.00 (which is 90% of the approved) without the lodgement of the project close out report. The program guidelines require us to withhold the final 10% payment until this report is lodged.

However if the project is now 100% complete and you require assistance with completing the project close out report please contact us at your earliest convenience.

Council is reminded that the Queensland Fluoridation Capital Assistance Program (QFCAP) ceases on 30 June 2014 and final expenditure reimbursement claims and project close out reports **must be submitted to DSDIP by 1 April 2014**. This is to allow time to assess and process the claims. Any expenditure reimbursement claims and project close out reports submitted after 1 April 2014 may not be assessed and processed prior to 30 June 2014.

Cheers Robbie

Robbie Recoquillion
Senior Project Officer
Queensland Water Fluoridation Implementation Program
Major Projects
Department of State Development, Infrastructure and Planning
Queensland Government

DSDIP RTI Release

RTI Document No. 182

Visit: Level 8, 63 George Street
Post: PO Box 15009, City East QLD 4002
Phone: (07) 3452 7764
Email: Robbie.Recoquillion@dsdip.qld.gov.au

Great state. Great opportunity.

Please consider the environment before printing this email

DSDIP - RTI Release

RTI Document No. 183

Department of State Development, Infrastructure and Planning

Subsidy claim form

Council name: Flinders Shire Council	**ABN:** 24 420 911 643
Project name: Fluoridation of Hughenden Bore 4, Hughenden Bore 5, Hughenden Bore 7 & Hughenden Bore 9	
Funding program name: Queensland Fluoridation Capital Assistance Program	
Project number: Not Applicable	**Contact person:** Mel Keating
Is the organisation registered for GST? YES ☒ NO ☐	**GST registration date:**

Funding:	Total cost (Excluding GST) $	Subsidy $	Council funding $	Other state contributions $	Commonwealth contributions $	Other contributions $
Estimated / Approved	$	$1,437,000.00				
Actual (spent to date)	$1,004,124.91	$1,004,124.91				

Work description	Non-subsidisable cost (excluding GST)	Subsidisable cost (Excluding GST)
Contractor payments for water fluoridation infrastructure construction. Douglas Partners $6,860.00 GHD Pty Ltd $129,950.00 Auscott Civil $867,087.64 Ergon Energy $227.27 Total ex GST $1,004,124.91		$1,004,124.91
Project status	☐ **% Complete**	
Subsidy due (Excluding GST)		$1,004,124.91
Less previous subsidy claims paid (Excluding GST)		-$143,700.00
TOTAL subsidy due this claim (Excluding GST)		**$860,424.91**

CERTIFICATION: (TO BE SIGNED BY CHIEF EXECUTIVE OFFICER OR APPROPRIATELY DELEGATED OFFICER)
I certify that all reports and/or attachments required for this claim are attached, the above amounts are true and accurate, and (where necessary) the stated portion of work on the project has been completed in accordance with Local Government Building Approvals and that these expenditures are for works approved under the program listed above

Name and Position

Signature Chief Executive Officer / Accountable Officer Date

Revised forecasts

If this claim is for a project 25% or more complete, please provide the following information:

Future claim date	Claim amount

OFFICE USE ONLY	Date Received from Council: / /	Actual Payment Date: / /	
Claim is valid, amount correct & within approved project funds. Signature: _____ Position: _____ Date: / /	Claim details recorded in CLASS by: Signature: _____ Position: _____ CLASS Transaction No.: Date: / /	CLASS details checked by: Signature: _____ Position: _____ Date: / /	Payment dated and voucher no. entered into CLASS by: Signature: _____ Position: _____ CLASS Vhr No: Date: / /

Queensland Government

To: Department of State Development, Infrastructure and Planning
Director (Fluoridation)
PO Box 15009
City East Qld 4002

DSDIP RTI Release
RTI Document No. 184

Ref 22

Queensland Government

Department of State Development, Infrastructure and Planning

Our ref: OUT 14/862

7 FEB 2014

Mr Graham King
Acting Chief Executive Officer
Flinders Shire Council
PO Box 274
HUGHENDEN QLD 4821

Dear Mr King

Reference is made to funding approved under the Department of State Development, Infrastructure and Planning's (DSDIP) Queensland Fluoridation Capital Assistance Program (QFCAP) for the Fluoridation of Hughenden Bore 4, Hughenden Bore 5, Hughenden Bore 7 & Hughenden Bore 9 project.

The purpose of this letter is to remind council that the QFCAP ceases on 30 June 2014. Final expenditure reimbursement claims and project close out reports **must be submitted to DSDIP by 1 April 2014**. This is to allow time to assess and process the claims.

Any expenditure reimbursement claims and project close out reports submitted after 1 April 2014 may not be assessed and processed prior to 30 June 2014.

If your council experiences difficulties in meeting this deadline, you should contact DSDIP at e-mail address fluoride@dsdip.qld.gov.au as soon as possible.

Yours sincerely

Sch. 4(4)(6)

Stuart Pickering
Deputy Director-General
Major Projects Office

63 George Street
PO Box 15009
City East Queensland 4002
Telephone + 61 7 3404 6999
Website: www.deedi.qld.gov.au

DSDIP - RTI Release

RTI Document No. 185

Rf23

Michael Norris

From: Fluoride
Sent: Monday, 16 December 2013 10:17 AM
To: Juanita Holden
Subject: RE: Claim for Hughenden Bore 4, Hughenden Bore 5, Hughenden Bore 7 & Hughenden Bore 9

Good Morning Juanita

Thank you for submitting an expenditure reimbursement claim for assessment of eligible expenses incurred under the Queensland Fluoridation Capital Assistance Program (QFCAP) to the Department of State Development, Infrastructure and Planning (DSDIP).

The purpose of this e-mail is to acknowledge receipt of your claim, and to advise that while the claim is being processed, due to the Christmas break, any payment reimbursement will not occur until early in the New Year.

Council is reminded that the QFCAP funding ceases on 30 June 2014 and that all expenditure reimbursement claims should be lodged with DSDIP by 1 April 2014, to ensure payment is processed within the program closing timeframe.

Regards and Merry Christmas

Michael Norris
Senior Project Officer
Queensland Water Fluoridation Implementation Program
Department of State Development, Infrastructure and Planning
Level 7, 63 George Street Brisbane
PO Box 15009 City East Queensland 4002 Australia

PLEASE NOTE NEW TELEPHONE NUMBER 3452 7761

Email michael.norris@dsdip.qld.gov.au
Website www.dsdip.qld.gov.au
Please consider the environment before printing this email
Tomorrow's Queensland: strong, green, smart, healthy and fair

---

From: Juanita Holden [mailto:financeofficer@flinders.qld.gov.au]
Sent: Monday, 9 December 2013 8:16 AM
To: Fluoride
Subject: Claim for Hughenden Bore 4, Hughenden Bore 5, Hughenden Bore 7 & Hughenden Bore 9

Hi Robbie

Sorry I was on RDO on Friday and have been tied up with other admin duties. Please email me you are free.

Thanks

Juanita Holden
Finance Officer

SHIRE OF FLINDERS

DSDIP - RTI Release

RTI Document No. 186

Flinders Shire Council
PO Box 274
Hughenden Qld 4821
Ph: 07 4741 2905
Fax: 07 4741 1741
Email: financeofficer@flinders.qld.gov.au
Website: www.flinders.qld.gov.au

From: Fluoride [mailto:fluoride@dsdip.qld.gov.au]
Sent: Friday, 6 December 2013 1:28 PM
To: Juanita Holden
Subject: Claim for Hughenden Bore 4, Hughenden Bore 5, Hughenden Bore 7 & Hughenden Bore 9

Afternoon Juanita
Is there any chance you could give me a call when you are free to go over the resent paperwork. I've rung a few times but am having trouble with the telephones. We have new Voip phones here and they are not working yet at maximum potential and it seems I can't get past your phone message service which I've not left a message on as yet.
Cheers Robbie

Robbie Recoquillion
Senior Project Officer
Queensland Water Fluoridation Implementation Program
Major Projects
Department of State Development, Infrastructure and Planning
Queensland Government

Visit: Level 7, 63 George Street
Post: PO Box 15009, City East QLD 4002
Phone: (07) 3452 7764
Email: Robbie.Recoquillion@dsdip.qld.gov.au
Great state. Great opportunity.
Please consider the environment before printing this email

From: Juanita Holden [mailto:financeofficer@flinders.qld.gov.au]
Sent: Tuesday, 26 November 2013 4:48 PM
To: Fluoride
Cc: Mel Keating; Leanne Rogers
Subject: Claim for Hughenden Bore 4, Hughenden Bore 5, Hughenden Bore 7 & Hughenden Bore 9

Hi Robbie

As per our telephone conversation call yesterday, I have broken down the spreadsheet further for you.

Each invoice it now listed and colour coded to each work order that it was paid from. New Tab on worksheet called BREAKDOWN

There is a reconciliation at the bottom of this sheet that will show:
Each Work order with the total cost (ex GST)
Actual Cost (including Council On Costs)

Also attached are 3 more invoices that previously not sent.

DSDIP RTI Release

RTI Document No. 187

If you are happy with this format, I will ensure that the next claims are done this way. Anything else that requires clarification, please let me know.

Juanita Holden
Finance Officer

SHIRE OF FLINDERS

CELEBRATING 150 YEARS
CHRONICLES OF FLINDERS

Flinders Shire Council
PO Box 274
Hughenden Qld 4821
Ph: 07 4741 2905
Fax: 07 4741 1741
Email: financeofficer@flinders.qld.gov.au
Website: www.flinders.qld.gov.au

From: Fluoride [mailto:fluoride@dsdip.qld.gov.au]
Sent: Monday, 25 November 2013 9:47 AM
To: Juanita Holden
Cc: Mel Keating
Subject: Claim for Hughenden Bore 4, Hughenden Bore 5, Hughenden Bore 7 & Hughenden Bore 9

Morning Juanita
Many thanks for the financial documents which support Council's claim under the Queensland Fluoridation Capital Assistance Program (QFCAP).
At your convenience would you be able to give me a call on 3452 7764 to talk me through each set of documents so that I am familiar with what has been provided.
Apologies I will not be at work Tuesday and generally finish each day at 4pm.
Cheers Robbie

From: Juanita Holden [mailto:financeofficer@flinders.qld.gov.au]
Sent: Friday, 22 November 2013 3:48 PM
To: Fluoride; robbie.recoquillion@dsip.qld.gov.au
Cc: Julianne Meier; Leanne Rogers; Mel Keating
Subject: TRIM: DSDIP Follow up Project Claim for Hughenden Bore 4, Hughenden Bore 5, Hughenden Bore 7 & Hughenden Bore 9

Robbie

Please find attached relevant financial documents which substantiates the funds being sought under the Qld Fluoridation Capital Assistance Program.
Any problem, please contact me.

Thanks

Juanita Holden
Finance Officer

DSDIP RTI Release

RTI Document No. 188

Ref 24

Michael Norris

From: Fluoride
Sent: Friday, 6 December 2013 1:28 PM
To: Juanita Holden
Subject: Claim for Hughenden Bore 4, Hughenden Bore 5, Hughenden Bore 7 & Hughenden Bore 9

Afternoon Juanita
Is there any chance you could give me a call when you are free to go over the resent paperwork. I've rung a few times but am having trouble with the telephones. We have new Voip phones here and they are not working yet at maximum potential and it seems I can't get past your phone message service which I've not left a message on as yet.
Cheers Robbie

Robbie Recoquillion
Senior Project Officer
Queensland Water Fluoridation Implementation Program
Major Projects
Department of State Development, Infrastructure and Planning
Queensland Government

Visit: Level 7, 63 George Street
Post: PO Box 15009, City East QLD 4002
Phone: (07) 3452 7764
Email: Robbie.Recoquillion@dsdip.qld.gov.au

Great state. Great opportunity.
Please consider the environment before printing this email

From: Juanita Holden [mailto:financeofficer@flinders.qld.gov.au]
Sent: Tuesday, 26 November 2013 4:48 PM
To: Fluoride
Cc: Mel Keating; Leanne Rogers
Subject: Claim for Hughenden Bore 4, Hughenden Bore 5, Hughenden Bore 7 & Hughenden Bore 9

Hi Robbie

As per our telephone conversation call yesterday, I have broken down the spreadsheet further for you.

Each invoice it now listed and colour coded to each work order that it was paid from. New Tab on worksheet called BREAKDOWN

There is a reconciliation at the bottom of this sheet that will show:
Each Work order with the total cost (ex GST)
Actual Cost (including Council On Costs)

Also attached are 3 more invoices that previously not sent.

If you are happy with this format, I will ensure that the next claims are done this way. Anything else that requires clarification, please let me know.

Juanita Holden
Finance Officer

DSDIP - RTI Release

RTI Document No. 189

SHIRE OF FLINDERS

CELEBRATING 150 YEARS
CHRONICLES OF FLINDERS

Flinders Shire Council
PO Box 274
Hughenden Qld 4821
Ph: 07 4741 2905
Fax: 07 4741 1741
Email: financeofficer@flinders.qld.gov.au
Website: www.flinders.qld.gov.au

From: Fluoride [mailto:fluoride@dsdip.qld.gov.au]
Sent: Monday, 25 November 2013 9:47 AM
To: Juanita Holden
Cc: Mel Keating
Subject: Claim for Hughenden Bore 4, Hughenden Bore 5, Hughenden Bore 7 & Hughenden Bore 9

Morning Juanita
Many thanks for the financial documents which support Council's claim under the Queensland Fluoridation Capital Assistance Program (QFCAP).
At your convenience would you be able to give me a call on 3452 7764 to talk me through each set of documents so that I am familiar with what has been provided.
Apologies I will not be at work Tuesday and generally finish each day at 4pm.
Cheers Robbie

From: Juanita Holden [mailto:financeofficer@flinders.qld.gov.au]
Sent: Friday, 22 November 2013 3:48 PM
To: Fluoride; robbie.recoquillion@dsip.qld.gov.au
Cc: Julianne Meier; Leanne Rogers; Mel Keating
Subject: TRIM: DSDIP Follow up Project Claim for Hughenden Bore 4, Hughenden Bore 5, Hughenden Bore 7 & Hughenden Bore 9

Robbie

Please find attached relevant financial documents which substantiates the funds being sought under the Qld Fluoridation Capital Assistance Program.
Any problem, please contact me.

Thanks

Juanita Holden
Finance Officer

DSDIP RTI Release

RTI Document No. 190

Ref 25

Michael Norris

From: Juanita Holden <financeofficer@flinders.qld.gov.au>
Sent: Tuesday, 26 November 2013 4:48 PM
To: Fluoride
Cc: Mel Keating; Leanne Rogers
Subject: Claim for Hughenden Bore 4, Hughenden Bore 5, Hughenden Bore 7 & Hughenden Bore 9
Attachments: Subsidy Claim Worksheet.xlsm; SKMBT_C654e13112616060.pdf; SKMBT_C654e13112616290.pdf

Hi Robbie

As per our telephone conversation call yesterday, I have broken down the spreadsheet further for you.

Each invoice it now listed and colour coded to each work order that it was paid from. New Tab on worksheet called BREAKDOWN

There is a reconciliation at the bottom of this sheet that will show:
Each Work order with the total cost (ex GST)
Actual Cost (including Council On Costs)

Also attached are 3 more invoices that previously not sent.

If you are happy with this format, I will ensure that the next claims are done this way. Anything else that requires clarification, please let me know.

Juanita Holden
Finance Officer

SHIRE OF FLINDERS
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Flinders Shire Council
PO Box 274
Hughenden Qld 4821
Ph: 07 4741 2905
Fax: 07 4741 1741
Email: financeofficer@flinders.qld.gov.au
Website: www.flinders.qld.gov.au

From: Fluoride [mailto:fluoride@dsdip.qld.gov.au]
Sent: Monday, 25 November 2013 9:47 AM
To: Juanita Holden

DSDIP - RTI Release

RTI Document No. 191

Cc: Mel Keating
Subject: Claim for Hughenden Bore 4, Hughenden Bore 5, Hughenden Bore 7 & Hughenden Bore 9

Morning Juanita
Many thanks for the financial documents which support Council's claim under the Queensland Fluoridation Capital Assistance Program (QFCAP).
At your convenience would you be able to give me a call on 3452 7764 to talk me through each set of documents so that I am familiar with what has been provided.
Apologies I will not be at work Tuesday and generally finish each day at 4pm.
Cheers Robbie

Robbie Recoquillion
Senior Project Officer
Queensland Water Fluoridation Implementation Program
Major Projects
Department of State Development, Infrastructure and Planning
Queensland Government

Visit: Level 7, 63 George Street
Post: PO Box 15009, City East QLD 4002
Phone: (07) 3452 7764 (note new number)
Email: Robbie.Recoquillion@dsdip.qld.gov.au
Great state. Great opportunity.
Please consider the environment before printing this email

From: Juanita Holden [mailto:financeofficer@flinders.qld.gov.au]
Sent: Friday, 22 November 2013 3:48 PM
To: Fluoride; robbie.recoquillion@dsip.qld.gov.au
Cc: Julianne Meier; Leanne Rogers; Mel Keating
Subject: TRIM: DSDIP Follow up Project Claim for Hughenden Bore 4, Hughenden Bore 5, Hughenden Bore 7 & Hughenden Bore 9

Robbie

Please find attached relevant financial documents which substantiates the funds being sought under the Qld Fluoridation Capital Assistance Program.
Any problem, please contact me.

Thanks

Juanita Holden
Finance Officer

SHIRE OF FLINDERS
CELEBRATING 150 YEARS
CHRONICLES OF FLINDERS

Flinders Shire Council
PO Box 274
Hughenden Qld 4821

DSDIP - RTI Release

RTI Document No. 192

Ph: 07 4741 2905
Fax: 07 4741 1741
Email: financeofficer@flinders.qld.gov.au
Website: www.flinders.qld.gov.au

DSDIP - RTI Release

RTI Document No. 193

Rf 26

Michael Norris

From: Fluoride
Sent: Wednesday, 20 November 2013 9:45 AM
To: Mel Keating (eho@flinders.qld.gov.au)
Subject: DSDIP Follow up Project Claim for Hughenden Bore 4, Hughenden Bore 5, Hughenden Bore 7 & Hughenden Bore 9

Morning Mel

Thank you for your email late yesterday with the completed Acquittal and Subsidy claim form for the above water fluoridation project.

Council is now requested to supply the relevant financial documents totalling $1,013,975.26 which substantiates the funds being sought under the Queensland Fluoridation Capital Assistance Program (QFCAP).

Note that supporting documents which are required include:

- an extract copy taken from Council's general ledger matching the total amount being claimed;
- a copy of invoices and the relevant remittance advices;
- a transaction report covering the same fluoride transactions would also be appreciated;
- any photos of works completed.

Council is reminded that the QFCAP ceases on 30 June 2014 and all documents for assessment and payment are required with the Department of State Development, Infrastructure and Planning by 1 April 2014.

Cheers Robbie

Robbie Recoquillion
Senior Project Officer
Queensland Water Fluoridation Implementation Program
Major Projects
Department of State Development, Infrastructure and Planning
Queensland Government

Visit: Level 7, 63 George Street
Post: PO Box 15009, City East QLD 4002
Phone: (07) 3405 6166
Email: Robbie.Recoquillion@dsdip.qld.gov.au

Great state. Great opportunity.

Please consider the environment before printing this email

From: Mel Keating [mailto:eho@flinders.qld.gov.au]
Sent: Tuesday, 19 November 2013 4:43 PM
To: Fluoride
Subject: Project Claim for Hughenden Bore 4, Hughenden Bore 5, Hughenden Bore 7 & Hughenden Bore 9

Hi Robbie,
Please find attached Hughenden Fluoride Project claim 1.
Cheers

Mel Keating
EHO

SHIRE OF FLINDERS

DSDIP - RTI Release

RTI Document No. 194

P 07 4741 2900
F 07 4741 1741
34 Gray Street, Hughenden QLD 4821
PO Box 274 Hughenden QLD 4821
eho@flinders.qld.gov.au
www.flinders.qld.gov.au

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DSDIP - RTI Release

RTI Document No. 195

Rf 27

Michael Norris

From: Mel Keating <eho@flinders.qld.gov.au>
Sent: Tuesday, 19 November 2013 4:43 PM
To: Fluoride
Subject: Project Claim for Hughenden Bore 4, Hughenden Bore 5, Hughenden Bore 7 & Hughenden Bore 9
Attachments: SKMBT_C654e13111914440.pdf

Hi Robbie,
Please find attached Hughenden Fluoride Project claim 1.
Cheers

Mel Keating
EHO

SHIRE OF FLINDERS

P 07 4741 2900
F 07 4741 1741
34 Gray Street, Hughenden QLD 4821
PO Box 274 Hughenden QLD 4821
eho@flinders.qld.gov.au
www.flinders.qld.gov.au

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This email is subject to copyright and no part of it should be reproduced without prior written consent. Any personal information in this email must be handled in accordance with the Privacy Act (Commonwealth).
Emails are not guaranteed as either secure or error free. They may contain computer viruses and can be interfered with, corrupted or lost. Flinders Shire Council gives no warranty in relation to these matters. This email and all attachments should be scanned for viruses before opening.

From: Fluoride [mailto:fluoride@dsdip.qld.gov.au]
Sent: Monday, 4 November 2013 3:52 PM
To: Mel Keating
Subject: Status update for the Fluoridation of Hughenden Bore 4, Hughenden Bore 5, Hughenden Bore 7 & Hughenden Bore 9 project under the Queensland Fluoridation Capital Assistance Program (QFCAP)

Hello Mel

Fluoridation of Hughenden Bore 4, Hughenden Bore 5, Hughenden Bore 7 & Hughenden Bore 9.

Hope you are well, I called and missed chatting with you today and I will be away Tuesday, hence this email. I don't think I've spoken with you since the middle of September so I thought a call would be in order to see how you are progressing with your water fluoridation project, and if you had a project status update available.

I'm also following up on Michael Norris's email to you dated 16 October 2013 and we're wondering if you have the opportunity to see if Council funds have been expended beyond the $143,700.00 which was advanced when this project was approved? If the answer to this is yes, it would be appreciated it the acquittal form I emailed you on 11 September 2013 could be completed and returned to fluoride@dsdip.qld.gov.au. As Michael has previously indicated if you require any assistance with completing the form please don't hesitate to ask.

DSDIP RTI Release

RTI Document No. 196

Council is reminded that the Queensland Fluoridation Capital Assistance Program finishes on 30 June 2014. The Council is to ensure all expenditure reimbursements claims, supporting information from the financial database and a project close out report is to submitted to the Department of State Development, Infrastructure and Planning by 1 April 2014 to allow time for assessment of the claim.

Cheers Robbie

Robbie Recoquillion
Senior Project Officer
Queensland Water Fluoridation Implementation Program
Major Projects
Department of State Development, Infrastructure and Planning
Queensland Government

Visit: Level 7, 63 George Street
Post: PO Box 15009, City East QLD 4002
Phone: (07) 3405 6166
Email: Robbie.Recoquillion@dsdip.qld.gov.au

Great state. Great opportunity.

Please consider the environment before printing this email

From: Fluoride
Sent: Wednesday, 16 October 2013 11:14 AM
To: Mel Keating (eho@flinders.qld.gov.au)
Subject: TRIM: Fluoridation of Hughenden Bore 4, Hughenden Bore 5, Hughenden Bore 7 & Hughenden Bore 9 - Queensland Fluoridation Capital Assistance Program (QFCAP)

Good Morning Mel

Hope you are well. Just doing a follow up to see how your water fluoridation project is travelling and if Council is in a position to submit a reimbursement claim for any expenditure incurred to date.

The QFCAP team has found it is easier (and quicker for Councils) to assess and pay lots of smaller expenditure reimbursement claims rather than one big one.

A reminder that Council will need to submit an acquittal form for the $143 700 already paid.

Please give me a call if you have any questions on this matter or require assistance in submitting expenditure reimbursement claims.

Thanks for your time.

Regards

Michael Norris
Senior Project Officer
Queensland Water Fluoridation Implementation Program
Department of State Development, Infrastructure and Planning
Level 7, 63 George Street Brisbane
PO Box 15009 City East Queensland 4002 Australia
TELEPHONE NUMBER 3404 8214
Email michael.norris@dsdip.qld.gov.au
Website www.dsdip.qld.gov.au
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DSDIP - RTI Release

RTI Document No. 197

Department of State Development, Infrastructure and Planning

Subsidy claim form

Council name: Flinders Shire Council	**ABN:** 24 420 911 643
Project name: Fluoridation of Hughenden Bore 4, Hughenden Bore 5, Hughenden Bore 7 & Hughenden Bore 9	
Funding program name: Queensland Fluoridation Capital Assistance Program	
Project number: Not Applicable	**Contact person:** Mel Keating
Is the organisation registered for GST? YES ☒ NO ☐	**GST registration date:**

Funding:	Total cost (Excluding GST) $	Subsidy $	Council funding $	Other state contributions $	Commonwealth contributions $	Other contributions $
Estimated / Approved	$1,437,000.00	$1,437,000.00				
Actual (spent to date)	$1,013,975.26	$1,013,975.26				

Work description	Non-subsidisable cost (excluding GST)	Subsidisable cost (Excluding GST)
Fluoridation of Hughenden Bore 4, Hughenden Bore 5, Hughenden Bore 7 & Hughenden Bore 9		1,013,975.26

Project status	80 **% Complete**
Subsidy due (Excluding GST)	$1,013,975.26
Less previous subsidy claims paid (Excluding GST)	$143,700.00
TOTAL subsidy due this claim (Excluding GST)	**$870,275.26**

CERTIFICATION: (TO BE SIGNED BY CHIEF EXECUTIVE OFFICER OR APPROPRIATELY DELEGATED OFFICER)
I certify that all reports and/or attachments required for this claim are attached, the above amounts are true and accurate, and (where necessary) the stated portion of work on the project has been completed in accordance with Local Government Building Approvals and that these expenditures are for works approved under the program listed above

G King
ACTING CHIEF EXECUTIVE OFFICER
Name and Position

Sch. 4(4)(6)

Signature Chief Executive Officer / Accountable Officer

19/11/2013
Date

Revised forecasts
If this claim is for a project 25% or more complete, please provide the following information:

Future claim date	Claim amount
12/12/2013	200000

OFFICE USE ONLY	Date Received from Council / /	Actual Payment Date / /	
Claim is valid, amount correct & within approved project funds: Signature: _____ Position: _____ Date: / /	Claim details recorded in CLASS by: Signature: _____ Position: _____ CLASS Transaction No.: Date: / /	CLASS details checked by: Signature: _____ Position: _____ Date: / /	Payment dated and voucher no. entered into CLASS by: Signature: _____ Position: _____ CLASS Vhr No: Date: / /

Queensland Government

To: Department of State Development, Infrastructure and Planning
Director (Fluoridation)
PO Box 15009
City East Qld 4002

DSDIP RTI Release

Queensland Fluoridation Capital Assistance Program Acquittal form

Public potable water supplier: Flinders Shire Council	
Contact person: Mel Keating	Position: Enviromental Health Officer
Phone: (07) 4741-2900	Email: eho@flinders.qld.gov.au
Postal address: PO Box 274, Hughenden Qld 4821	Facsimile:
Project: Fluoridation of Hughenden Bore 4, Hughenden Bore 5, Hughenden Bore 7 & Hughenden Bore 9.	
Regulated water supply:	
Total approved grant amount: $1,437,000.00	
Grant payment amount being acquitted on this form: $143,700.00 minimum	

Details of expenditure

Capital or Establishment Item purchased	**Cost Amount GST Exclusive**
Fluoridation of Hughenden Bores	$1,013,975.26
	$
	$
	$
	$
	$
	$
	$
	$
	$
Total expenditure being acquitted	**$1,013,975.26**

Certification:
We certify that the information provided above is a true and accurate record of how council expended the financial assistance provided by the Queensland Government in relation to the project.

Sch. 4(4)(6)		Sch. 4(4)(6)	19/11/13
Signed: Mayor	**Date**	**Signed: Chief Executive Officer**	**Date**

Please return to:

Director - Water Fluoridation Implementation
Queensland Fluoridation Capital Assistance Program
Department State Development, Infrastructure and Planning
PO Box 15009 City East Qld 4002

tel: 3898 0450

DSDIP - RTI Release

Rf 28

Michael Norris

From: Mel Keating <eho@flinders.qld.gov.au>
Sent: Monday, 18 November 2013 11:55 AM
To: Fluoride
Subject: Council status update for the Fluoridation of Hughenden Bore 4, Hughenden Bore 5, Hughenden Bore 7 & Hughenden Bore 9 project

Hi Robbie,

I have just spoken to our Director of Engineering and he has given me the following update with regards to the Fluoride project.

- All civil works are now completed.
- All Water mains are now in place.
- Waiting for the in-line pumps (should be here this week).
- Waiting for Prominent to install dosing equipment and provide training.

I have also spoken to the Director of Corporate Services about sending through an acquittal form as well as another claim for the work that has been completed.

Cheers, Mel

From: Fluoride [mailto:fluoride@dsdip.qld.gov.au]
Sent: Monday, 4 November 2013 3:52 PM
To: Mel Keating
Subject: Status update for the Fluoridation of Hughenden Bore 4, Hughenden Bore 5, Hughenden Bore 7 & Hughenden Bore 9 project under the Queensland Fluoridation Capital Assistance Program (QFCAP)

Hello Mel

Fluoridation of Hughenden Bore 4, Hughenden Bore 5, Hughenden Bore 7 & Hughenden Bore 9.

Hope you are well, I called and missed chatting with you today and I will be away Tuesday, hence this email. I don't think I've spoken with you since the middle of September so I thought a call would be in order to see how you are progressing with your water fluoridation project, and if you had a project status update available.

I'm also following up on Michael Norris's email to you dated 16 October 2013 and we're wondering if you have the opportunity to see if Council funds have been expended beyond the $143,700.00 which was advanced when this project was approved? If the answer to this is yes, it would be appreciated it the acquittal form I emailed you on 11 September 2013 could be completed and returned to fluoride@dsdip.qld.gov.au. As Michael has previously indicated if you require any assistance with completing the form please don't hesitate to ask.

Council is reminded that the Queensland Fluoridation Capital Assistance Program finishes on 30 June 2014. The Council is to ensure all expenditure reimbursements claims, supporting information from the financial database and a project close out report is to submitted to the Department of State Development, Infrastructure and Planning by 1 April 2014 to allow time for assessment of the claim.

Cheers Robbie

Robbie Recoquillion
Senior Project Officer
Queensland Water Fluoridation Implementation Program
Major Projects

DSDIP RTI Release

RTI Document No. 200

Department of State Development, Infrastructure and Planning
Queensland Government

Visit: Level 7, 63 George Street
Post: PO Box 15009, City East QLD 4002
Phone: (07) 3405 6166
Email: Robbie.Recoquillion@dsdip.qld.gov.au

Great state. Great opportunity.

Please consider the environment before printing this email

From: Fluoride
Sent: Wednesday, 16 October 2013 11:14 AM
To: Mel Keating (eho@flinders.qld.gov.au)
Subject: TRIM: Fluoridation of Hughenden Bore 4, Hughenden Bore 5, Hughenden Bore 7 & Hughenden Bore 9 - Queensland Fluoridation Capital Assistance Program (QFCAP)

Good Morning Mel

Hope you are well. Just doing a follow up to see how your water fluoridation project is travelling and if Council is in a position to submit a reimbursement claim for any expenditure incurred to date.

The QFCAP team has found it is easier (and quicker for Councils) to assess and pay lots of smaller expenditure reimbursement claims rather than one big one.

A reminder that Council will need to submit an acquittal form for the $143 700 already paid.

Please give me a call if you have any questions on this matter or require assistance in submitting expenditure reimbursement claims.

Thanks for your time.

Regards

Michael Norris
Senior Project Officer
Queensland Water Fluoridation Implementation Program
Department of State Development, Infrastructure and Planning
Level 7, 63 George Street Brisbane
PO Box 15009 City East Queensland 4002 Australia
TELEPHONE NUMBER 3404 8214
Email michael.norris@dsdip.qld.gov.au
Website www.dsdip.qld.gov.au
Please consider the environment before printing this email
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DSDIP - RTI Release

RTI Document No. 201

Ref 29

Queensland Government

Department of State Development, Infrastructure and Planning

Our ref: OUT13/3516

27 NOV 2013

Mr Graham King
Acting Chief Executive Officer
Flinders Shire Council
PO Box 274
HUGHENDEN QLD 4821

Dear Mr King

I refer to the Fluoridation of Hughenden Bore 4, Hughenden Bore 5, Hughenden Bore 7 and Hughenden Bore 9 project for which the Flinders Shire Council (the council) received a maximum funding approval of $1 437 000 (GST exclusive) in May 2012 under the Queensland Fluoridation Capital Assistance Program (QFCAP).

The purpose of this letter is to remind council that the QFCAP ceases on 30 June 2014 and all expenditure reimbursement claims and project close out reports must be lodged with the Department of State Development, Infrastructure and Planning (DSDIP) by 1 April 2014.

Council is encouraged to submit expenditure reimbursement claims on a regular basis.

If you require any further information, please contact Mr Michael Norris, Senior Project Officer, Major Projects Office, DSDIP on 3452 7761, who will be pleased to assist or e-mail fluoride@dsdip.qld.gov.au.

Yours sincerely

Sch. 4(4)(6)

Stuart Pickering
Deputy Director-General
Major Projects Office

63 George Street
PO Box 15009
City East Queensland 4002
Telephone + 61 7 3247 3055
Facsimile + 61 7 3898 0486
Website: www.dsdip.qld.gov.au

DSDIP - RTI Release

RTI Document No. 202

Ref 30

Michael Norris

From: Fluoride
Sent: Monday, 4 November 2013 3:52 PM
To: 'eho@flinders.qld.gov.au'
Subject: Status update for the Fluoridation of Hughenden Bore 4, Hughenden Bore 5, Hughenden Bore 7 & Hughenden Bore 9 project under the Queensland Fluoridation Capital Assistance Program (QFCAP)

Hello Mel

Fluoridation of Hughenden Bore 4, Hughenden Bore 5, Hughenden Bore 7 & Hughenden Bore 9.

Hope you are well, I called and missed chatting with you today and I will be away Tuesday, hence this email. I don't think I've spoken with you since the middle of September so I thought a call would be in order to see how you are progressing with your water fluoridation project, and if you had a project status update available.

I'm also following up on Michael Norris's email to you dated 16 October 2013 and we're wondering if you have the opportunity to see if Council funds have been expended beyond the $143,700.00 which was advanced when this project was approved? If the answer to this is yes, it would be appreciated it the acquittal form I emailed you on 11 September 2013 could be completed and returned to fluoride@dsdip.qld.gov.au. As Michael has previously indicated if you require any assistance with completing the form please don't hesitate to ask.

Council is reminded that the Queensland Fluoridation Capital Assistance Program finishes on 30 June 2014. The Council is to ensure all expenditure reimbursements claims, supporting information from the financial database and a project close out report is to submitted to the Department of State Development, Infrastructure and Planning by 1 April 2014 to allow time for assessment of the claim.

Cheers Robbie

Robbie Recoquillion
Senior Project Officer
Queensland Water Fluoridation Implementation Program
Major Projects
Department of State Development, Infrastructure and Planning
Queensland Government

Visit: Level 7, 63 George Street
Post: PO Box 15009, City East QLD 4002
Phone: (07) 3405 6166
Email: Robbie.Recoquillion@dsdip.qld.gov.au

Great state. Great opportunity.
Please consider the environment before printing this email

From: Fluoride
Sent: Wednesday, 16 October 2013 11:14 AM
To: Mel Keating (eho@flinders.qld.gov.au)
Subject: TRIM: Fluoridation of Hughenden Bore 4, Hughenden Bore 5, Hughenden Bore 7 & Hughenden Bore 9 - Queensland Fluoridation Capital Assistance Program (QFCAP)

Good Morning Mel

Hope you are well. Just doing a follow up to see how your water fluoridation project is travelling and if Council is in a position to submit a reimbursement claim for any expenditure incurred to date.

DSDIP - RTI Release

RTI Document No. 203

The QFCAP team has found it is easier (and quicker for Councils) to assess and pay lots of smaller expenditure reimbursement claims rather than one big one.

A reminder that Council will need to submit an acquittal form for the $143 700 already paid.

Please give me a call if you have any questions on this matter or require assistance in submitting expenditure reimbursement claims.

Thanks for your time.

Regards

Michael Norris
Senior Project Officer
Queensland Water Fluoridation Implementation Program
Department of State Development, Infrastructure and Planning
Level 7, 63 George Street Brisbane
PO Box 15009 City East Queensland 4002 Australia
TELEPHONE NUMBER 3404 8214
Email michael.norris@dsdip.qld.gov.au
Website www.dsdip.qld.gov.au
Please consider the environment before printing this email
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DSDIP - RTI Release

RTI Document No. 204

Rf 31

Michael Norris

From: Fluoride
Sent: Wednesday, 16 October 2013 11:14 AM
To: Mel Keating (eho@flinders.qld.gov.au)
Subject: Fluoridation of Hughenden Bore 4, Hughenden Bore 5, Hughenden Bore 7 & Hughenden Bore 9 - Queensland Fluoridation Capital Assistance Program (QFCAP)

Good Morning Mel

Hope you are well. Just doing a follow up to see how your water fluoridation project is travelling and if Council is in a position to submit a reimbursement claim for any expenditure incurred to date.

The QFCAP team has found it is easier (and quicker for Councils) to assess and pay lots of smaller expenditure reimbursement claims rather than one big one.

A reminder that Council will need to submit an acquittal form for the $143 700 already paid.

Please give me a call if you have any questions on this matter or require assistance in submitting expenditure reimbursement claims.

Thanks for your time.

Regards

Michael Norris
Senior Project Officer
Queensland Water Fluoridation Implementation Program
Department of State Development, Infrastructure and Planning
Level 7, 63 George Street Brisbane
PO Box 15009 City East Queensland 4002 Australia
TELEPHONE NUMBER 3404 8214
Email michael.norris@dsdip.qld.gov.au
Website www.dsdip.qld.gov.au
Please consider the environment before printing this email
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DSDIP - RTI Release

RTI Document No. 205

Ref 32

Michael Norris

From: Fluoride
Sent: Wednesday, 11 September 2013 2:23 PM
To: 'eho@flinders.qld.gov.au'
Subject: Fluoridation of Hughenden Bore 4, Hughenden Bore 5, Hughenden Bore 7 & Hughenden Bore 9 - DSDIP update

Good afternoon Mel

Fluoridation of Hughenden Bore 4, Hughenden Bore 5, Hughenden Bore 7 & Hughenden Bore 9.

It was great to hear from you yesterday about how your project is coming along. In the future I will endeavour to contact you on a fortnightly basis to check on your expenditure with the view to collecting supporting documents which will allow us to make regular eligible expenditure reimbursements to Council.

The next process from our point of view is to start assessing Council's eligible expenditure, however the advance 10% payment of $143,700.00 needs to have first been spent and acquited on the appropriate form.

I have attached a couple of partially completed documents for your use, an acquittal form form for the advance payment and a subsidy claim form for new reimbursements. Please check the content I have added into both documents and fill in any blanks. I'm also attaching a Budget and Cost Report which we'd like you to complete and return each time you lodge an expenditure reimbursement claim. This report is derived from the Fluoridation Concept Design review phase and is used as a guide to monitor expenditure. I've also attached a Budget and Cost Report.

Flinders Shire Council - Grant...

Flinders Shire Council - Subsi...

Flinders Shire Council - Fluor...

Expenditure reimbursement claims are to consist of the following items:

- Completed Funding Claim Form (attached);
- Budget and Cost Report (attached); and
- Evidence from the Council's finance system supporting the "cost to date" for eligible items.

The evidence should detail:

- **who** the Council paid;
- **when** the payment was made;
- **what** the payment was for;
- **how much** the payment was for (exclusive of GST); and
- **photos** of works completed during the claim period (note saving these photos will also be required as part of your Project Close Out Report)

If you have any queries or concerns please feel free to email or phone for assistance.

Cheers Robbie

Ms Robbie Recoquillion
Senior Project Officer
Queensland Water Fluoridation Implementation Program
Major Projects
Department of State Development, Infrastructure and Planning
Queensland Government

Visit: Level 7, 63 George Street
Post: PO Box 15009, City East QLD 4002
Phone: (07) 3405 6166
Email: Robbie.Recoquillion@dsdip.qld.gov.au

DSDIP - RTI Release

RTI Document No. 206

Great state. Great opportunity.

Please consider the environment before printing this email

DSDIP - RTI Release

RTI Document No. 207

Queensland Fluoridation Capital Assistance Program Acquittal form

Public potable water supplier: Flinders Shire Council	
Contact person: Mel Keating	Position: Enviromental Health Officer
Phone: (07) 4741-2900	Email: eho@flinders.qld.gov.au
Postal address: PO Box 274, Hughenden Qld 4821	Facsimile:
Project: Fluoridation of Hughenden Bore 4, Hughenden Bore 5, Hughenden Bore 7 & Hughenden Bore 9.	
Regulated water supply:	
Total approved grant amount: $1,437,000.00	
Grant payment amount being acquitted on this form: $143,700.00 minimum	

Details of expenditure

Capital or Establishment Item purchased	**Cost Amount GST Exclusive**
	$
	$
	$
	$
	$
	$
	$
	$
	$
	$
Total expenditure being acquitted	**$**

Certification:
We certify that the information provided above is a true and accurate record of how council expended the financial assistance provided by the Queensland Government in relation to the project.

Signed: Mayor	**Date**	**Signed: Chief Executive Officer**	**Date**

Please return to:

Director - Water Fluoridation Implementation
Queensland Fluoridation Capital Assistance Program
Department State Development, Infrastructure and Planning
PO Box 15009 City East Qld 4002

tel: 3898 0450

DSDIP - RTI Release

RTI Document No. 208

Department of State Development, Infrastructure and Planning

Subsidy claim form

Council name: Flinders Shire Council	**ABN:** 24 420 911 643
Project name: Fluoridation of Hughenden Bore 4, Hughenden Bore 5, Hughenden Bore 7 & Hughenden Bore 9	
Funding program name: Queensland Fluoridation Capital Assistance Program	
Project number: Not Applicable	**Contact person:** Mel Keating
Is the organisation registered for GST? YES ☒ NO ☐	**GST registration date**:

Funding:	Total cost (Excluding GST) $	Subsidy $	Council funding $	Other state contributions $	Commonwealth contributions $	Other contributions $
Estimated / Approved		$1,437,000				
Actual (spent to date)	$	$				

Work description	Non-subsidisable cost (excluding GST)	Subsidisable cost (Excluding GST)

Project status ☐ **% Complete**	
Subsidy due (Excluding GST)	$
Less previous subsidy claims paid (Excluding GST)	$143,700.00
TOTAL subsidy due this claim (Excluding GST)	**$**

CERTIFICATION: (TO BE SIGNED BY CHIEF EXECUTIVE OFFICER OR APPROPRIATELY DELEGATED OFFICER)
I certify that all reports and/or attachments required for this claim are attached, the above amounts are true and accurate, and (where necessary) the stated portion of work on the project has been completed in accordance with Local Government Building Approvals and that these expenditures are for works approved under the program listed above

Name and Position

Signature Chief Executive Officer / Accountable Officer Date

Revised forecasts

If this claim is for a project 25% or more complete, please provide the following information:

Future claim date	Claim amount

OFFICE USE ONLY	Date Received from Council: / /	Actual Payment Date: / /	
Claim is valid, amount correct & within approved project funds: Signature: _____ Position: _____ Date: / /	Claim details recorded in CLASS by: Signature: _____ Position: _____ CLASS Transaction No.: Date: / /	CLASS details checked by: Signature: _____ Position: _____ Date: / /	Payment dated and voucher no. entered into CLASS by: Signature: _____ Position: _____ CLASS Vhr No: Date: / /

Queensland Government

To: Department of State Development, Infrastructure and Planning
Director (Fluoridation)
PO Box 15009
City East Qld 4002

DSDIP - RTI Release

RTI Document No. 209

Queensland Fluoridation Capital Assistance Program

Budget and Cost Report

This Report is to be submitted with EVERY funding claim

Flinders Shire Council - Fluoridation of the Hughenden Bore 4, Hughenden Bore 5, Hughenden Bore 7 and Hughenden Bore 9
Maximum approved funding - $1 437 000.00

Component, Contract Code and Description	Approved Budget	Final Forecast Cost	Progressive Cost to Date
Professional services			
Concept design report	$ 25,000.00		
Detailed design	$ 75,000.00		
Project management	$ 10,000.00		
Construction management	$ 20,000.00		
Preliminaries and Generals	$ 15,000.00		
Civil & Building Works			
Chemical delivery area	$ 15,000.00		
Reticulation upgrades	$ 680,000.00		
Miscellaneous pipework	$ 10,000.00		
Building works	$ 70,000.00		
Remediation + earthworks	$ 5,000.00		
Storage racking	$ 5,000.00		
Waste disposal equipment	$ 4,000.00		
Safety shower	$ 2,000.00		
Laboratory fit out	$ 5,000.00		
Signage	$ 2,500.00		
Mechanical Works			
Mechanical piping, fittings flow meters,	$ 15,000.00		
Fluoridation equipment supply and install	$ 80,000.00		
HVAC	$ 15,000.00		
Installation	$ 20,000.00		
Electrical Works			
HV electrical	$ 40,000.00		
Switchboard to D'sB, filed wiring, instruments	$ 28,000.00		
General power, SCADA infrastructure	$ 10,000.00		
Lighting	$ 10,000.00		
Security	$ 2,000.00		
Other			
Minor equipment purchases	$ 12,000.00		
Testing and commissioning	$ 10,000.00		
OH&S inspection	$ 5,000.00		
Manuals and as built drawings	$ 5,000.00		
Training	$ 2,000.00		
SUB TOTAL	**$ 1,197,500.00**	$ -	$ -
Contingency at 20 percent	$ 239,500.00		
TOTAL (maximum approved funding)	**$ 1,437,000.00**		

DSDIP RTI Release

RTI Document No. 210

Rf33

Michael Norris

From: Fluoride
Sent: Friday, 9 August 2013 11:30 AM
To: 'eho@flinders.qld.gov.au'
Subject: Follow up re Fluoridation of Hughenden Bore 4, Hughenden Bore 5, Hughenden Bore 7 & Hughenden Bore 9

Hi Mel

Fluoridation of Hughenden Bore 4, Hughenden Bore 5, Hughenden Bore 7 & Hughenden Bore 9.

Thanks for chatting with me this morning about your project and for the email with the minutes of 18 April 2013 which record the fluoridation contract recommendation.

As we discussed please find attached an Acquittal form which needs to be completed and returned to fluoride@dsdip.qld.gov.au before Council submits its first expenditure reimbursement claim.

Grant acquittal form - Council...

Just going back over the claim process, when you are ready to lodge feel free to email in a draft first so we can go through it for you. Note that evaluation of the first expenditure reimbursement claim will also cover off the ten percent pre paid advance amount so Council provides the supporting documents which include the ten percent with the first claim lodged and not with the Acquittal form.

What we will require with your first expenditure reimbursement claim is a GL transaction list showing invoice detail and payment amounts and copies of relevant invoices. Where any invoices cover more that fluoride content then it would be appreciated if you can write on each invoice before scanning the the total fluroride component and the ex GST fluoride component. Additionally we find smaller regular expenditure reimbursement claims much easier to assess and progress for payment rather than a client holding off and forwarding larger claims at project end.

While there remains plenty of time for your project to complete, please mark 1 April 2014 into your diary as this is the date by which we will require council's final claim and project close out report to allow assessement and processing before Queensland Fluoridation Capital Assistance Program ceassation on 30 June 2014.

If you require any assitance or information please don't hesitate to call or email, cheers Robbie

Robbie Recoquillion
Senior Project Officer
Queensland Water Fluoridation Implementation Program
Major Projects
Department of State Development, Infrastructure and Planning
Queensland Government

Visit: Level 7, 63 George Street
Post: PO Box 15009, City East QLD 4002
Phone: (07) 3405 6166 (note new phone number)
Email: Robbie.Recoquillion@dsdip.qld.gov.au

Great state. Great opportunity.

Please consider the environment before printing this email

DSDIP - RTI Release

RTI Document No. 211

Queensland Fluoridation Capital Assistance Program Acquittal form

Public potable water supplier:	
Contact person:	Position:
Phone:	Email:
Postal address:	Facsimile:
Project:	
Regulated water supply:	
Total approved grant amount:	
Grant payment amount being acquitted on this form:	

Details of expenditure

Capital or Establishment Item purchased	**Cost Amount GST Exclusive**
	$
	$
	$
	$
	$
	$
	$
	$
	$
	$
Total expenditure being acquitted	**$**

Certification:
We certify that the information provided above is a true and accurate record of how council expended the financial assistance provided by the Queensland Government in relation to the project.

Signed: Chief Executive Officer	**Date**

Please return to:
QFCAP
Manager Water Fluoridation Implementation
Major Projects
PO Box 15009 City East Qld 4002
tel: 3898 0450

DSDIP - RTI Release

RTI Document No. 212

Ref 34

Michael Norris

From: Mel Keating <eho@flinders.qld.gov.au>
Sent: Tuesday, 30 July 2013 12:14 PM
To: Robbie Recoquillion
Subject: FW: Project Status Report for Flinders Shire Council
Attachments: Copy of Hughenden Bore 4 (2) (2).xls

From: Mel Keating
Sent: Tuesday, 30 July 2013 12:09 PM
To: 'Fluoride'
Subject: Project Status Report for Flinders Shire Council

Please find attached the current status report for Flinders Shire Council. I have attached one report for the four bores.

Cheers

Mel Keating
EHO

SHIRE OF FLINDERS

P 07 4741 2900
F 07 4741 1741
34 Gray Street, Hughenden QLD 4821
PO Box 274 Hughenden QLD 4821
eho@flinders.qld.gov.au
www.flinders.qld.gov.au

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DSDIP - RTI Release

RTI Document No. 213

Return to - fluoride@dip.qld.gov.au

Queensland Fluoridation Capital Assistance Program

Project Status Report

Period Ending 30/07/2013

Project Details -	
Public Potable Water Supplier	Flinders Shire Council
Project Name - Fluoridation of the	**Hughenden Bore 4**
Regulated Date	**31 December 2012**
Approved Maximum Funding (Inc 20% Cont)	**Funding approval pending**
Estimated Project Expenditure To Date	**Funding approval pending**

Water Treatment Plant Details -	
Water Supply	**Bore**
Number of Sources	**1**
Existing WTP?	**Nil**
Fluoride Type Proposed	**Sodium Fluoride**
WTP Capacity	**No Treatment plant**
Population Serviced	**approx 1200 - 1300**
Professional Service Provider	**GH&D**

Note - Concerns and Major delays need to be explained in Risk and Issues below.

Major Milestones -	Planned Start -	Start Date -	% Complete	Completed Date-
Onsite QFCAP Workshop	8/12/2010		**100%**	
Project Initiation	20/7/2011		**100%**	
FCDR Service Provider Selection	25/7/2011		**100%**	
FCDR Preparation	22/8/2011		**100%**	
QFCAP review of Funding Application & FCDR	31/10/2011		**100%**	
QFCAP to seek Ministerial Funding Approval			**100%**	
Review of Funding Sub-Agreement	9/1/2012		**100%**	
10% payment received from QFCAP			**100%**	
Preparation of Detailed Design	26/10/2012		**100%**	19/02/2013
Construction Contract Tender	3/7/2013		**100%**	
Construction Period	5/8/2013		0%	
Dosing Equipment Ordered	5/8/2013		0%	
Dosing Equipment Delivery/Installation	5/8/2013		0%	
Public Notification in Newspaper	5/8/2013		0%	
Initial Fluoride Dosing Date	31/12/2013		0%	
Closeout Report	30/6/2013		0%	
Final 10% Payment/Project Closure	30/6/2013		0%	

Add brief comments below. Additional lines may be added or detailed appendices can be attached as an alternative.

Major achievements during this period -

Final detailed design plans completed.
Construction contract tender awarded to Auzcot Civil.
~
~
~
~

Major objectives for next period -

Start Construction.
~
~
~
~
~

Major Risks/Issues (include mitigation strategy) -

~
~
~
~
~
~

The inclusion of digital progress photographs with the report is a requirement

DSDIP - RTI Release

RTI Document No. 214

Ref 35

Ref No: MBN13/100

EXECUTIVE SUPPORT UNIT
Received 25 JUN 2013 Received

DSDIP – BRIEF FOR DECISION | Date: 18 June 2013

SUBJECT: Approval of funds for Murweh Shire Council under the Queensland Fluoridation Capital Assistance Program (QFCAP)

NOTED or APPROVED/NOT APPROVED

Hon. Jeff Seeney MP
Deputy Premier, Minister for State Development, Infrastructure and Planning

Date: 25/6/13

RECOMMENDATIONS:

That you:

- **approve** funding up to a maximum of $35 917.50 (exclusive of GST) under the QFCAP for the Murweh Shire Council for reimbursement of the fluoridation concept design report (FCDR) costs for the 'Fluoridation of the Charleville Bores' project
- **sign** the attached letter to Councillor Denis Cook, Mayor of Murweh Shire Council (**Attachment 1**)
- **note** that Mr David Edwards Director-General, Department of State Development, Infrastructure and Planning (DSDIP) will write to Mr Chris Blanch, Chief Executive Officer of Murweh Shire Council, to advise him of your decision.

BACKGROUND:

In order to assist Queensland local governments with the cost of implementing water fluoridation, DSDIP manages the Queensland Water Fluoridation Program (QFCAP). QFCAP provides up to 100 per cent funding of eligible works for the lowest cost option for the safe provision of water fluoridation. The *Water Fluoridation Act 2008* and the *Water Fluoridation Regulation 2008* provide the legislative framework for the QFCAP.

The Act was amended by Parliament on 29 November 2012 and received assent on 5 December 2012. The amendments repealed the mandatory requirement for water supplies servicing greater than 1000 residents to be fluoridated. This requires local governments to decide whether or not to proceed with fluoridation based on the best interests of the community.

Please refer to background details of the QFCAP (**Attachment 2**).

KEY ISSUES:

Under the earlier version of the Regulation, council was required to commence fluoride dosing into the Charleville Bores by 31 December 2011. As a pre-requisite to access QFCAP funding, MJN Environmental Pty Ltd submitted on behalf of council a Fluoridation Concept Design Report (FCDR). The FCDR details the project's estimated cost, construction timelines, ongoing operational and maintenance costs and asset depreciation.

On 19 October 2010, DSDIP officers met with the council in Charleville to discuss the requirement to meet the former regulatory obligations under the Act and Regulation and to inform council of funding available under the QFCAP. Officers provided a presentation about the preparation of a FCDR; chemical selection; the funding approval process and general assistance to Council with meeting the formerly regulated date.

Author details		Endorsed by:	Stuart Pickering DDG	Endorsed by:	David Edwards
Name:	Ian McFarland	Business Group:	Major Projects		Director-General
Position:	Major Projects	Telephone:	3247 3055	Telephone:	3227 8543
Telephone:	3405 6482				

18/6/13

DSDIP RTI Release

RTI Document No. 215

At this meeting it was stressed that the idea behind the project was for Public Potable Water Suppliers (PPWS) to engage an external contactor to undertake all the work for them, thus the project did not pose a great imposition on the PPWS workload.

Council officers indicated at the October 2010 meeting that due to the particular circumstances of the bores, the council had already incurred expenses designing options for a project FCDR.

On 21 March 2011, the council engaged MJN Environmental Pty Ltd to prepare the FCDR and also lodged an electronic application for QFCAP funding with DSDIP.

In August 2011, the council applied to Queensland Health (QH) seeking an exemption under section 8(1)(b) of the Act from the requirement to implement fluoridation based on issues associated with the natural chemistry of the water and the difficulty to calibrate and adjust technology at multiple bore sites. This exemption process and eligibility criteria was managed by QH.

On 4 April 2012, DSDIP received a letter from QH advising that the Charleville Bores were being included in a submission that was being prepared for the incoming Health Minister. It was proposed that the timeframe for implementation of the bore projects be removed from the former Schedule 1 of the Regulation (as there were obstacles to safe fluoridation).

On 8 June 2012 Council received a letter from DoH advising the Charleville Bores had been removed from the implementation timeframe and that the proposed fluoridation will only require implementation at a time when the Health Minister considers it appropriate to proceed (**Attachment 3**). Following the amendments to the Act and Regulation in late 2012, the council has decided not to proceed with fluoridation.

Departmental officers instigated processes to reimburse council for eligible expenditure incurred in the FCDR process in May 2013. This was as a result of a series of fluoridation related phone calls and emails where council officers confirmed QH former fluoridation exemption and that the bore projects would not be constructed.

The council provided evidence from its financial database to substantiate the $35 917.50 spent on the FCDR in good faith. DSDIP has assessed council's evidence of eligible fluoridation expenses and council's request for reimbursement totalling $35 917.50 for this project. All costs are exclusive of GST.

Council is eligible to access QFCAP funding to cover the cost of the preparation of the FCDR. The reimbursement amount does not require the standard contingency of 20 per cent to be applied, as the costs are based on the actual amount spent on the project to date.

Normally QFCAP would not reimburse funds for council incurred expenses. However, given the relatively small amount involved ($850.00), and that the council had previously flagged this item expense with DSDIP, it is recommended that these costs be allowed in the overall reimbursement amount, refer to the statutory declaration (**Attachment 4**).

As with all QFCAP projects, in order to be reimbursed, the project requires a funding approval and the council will be required to enter into a Financial Incentive Agreement with the state. Should you agree to approve funds for this project, DSDIP will negotiate with the council to enter into an agreement.

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RTI Document No. 216

Sch. 3(2)(1)(c)

At 10 June 2013, 87 projects had QFCAP funding approvals totalling $57.40 million. Savings from projects completed under budget total $1.43 million, leaving $2.68 million of QFCAP funding available to fund water fluoridation infrastructure. The approval of $35 917.50 (excluding GST) for the Fluoridation of the Charleville Bores project being sought in this brief, can be met from the $2.68 million remaining in the QFCAP budget.

CONSULTATION:

The funding recommendations were determined in consultation with the Infrastructure Project Management Group for fluoride, and departmental officers.

RIGHT TO INFORMATION: Contents/attachments suitable for publication ☒ Yes ☐ No

DSDIP - RTI Release

Ref 36

Hon Jeff Seeney MP
Deputy Premier
Minister for State Development, Infrastructure and Planning

Queensland Government

Our ref: MBN 13/100

25 JUN 2013

Councillor Denis Cook
Mayor
Murweh Shire Council
PO Box 63
CHARLEVILLE QLD 4470

Dear Councillor Cook

I refer to the Murweh Shire Council's application for funding under the Queensland Fluoridation Capital Assistance Program.

I am pleased to advise I have approved funding up to a maximum of $35,917.50 (GST exclusive) for the 'Fluoridation of the Charleville Bores' project. The funding is eligible expenditure reimbursement for the cost of preparing a fluoridation concept design report.

The Department of State Development, Infrastructure and Planning has written to Mr Chris Blanch, Chief Executive Officer, Murweh Shire Council, notifying him of the funding approval and will shortly provide Mr Blanch with details of a Financial Incentive Agreement that Council will be required to enter into in order to complete the funding approval process.

If you require any further information, Jeff Popp in my office will assist and can be contacted on 3224 4600.

Yours sincerely

Sch. 4(4)(6)

JEFF SEENEY MP
DEPUTY PREMIER
Minister for State Development, Infrastructure and Planning

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Queensland 4002 Australia
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Email deputypremier@ministerial.qld.gov.au

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RTI Document No. 218

Rf 37

Queensland Government

Department of
State Development, Infrastructure and Planning

Our ref: MBN13/100

26 JUN 2013

Mr Chris Blanch
Chief Executive Officer
Murweh Shire Council
PO Box 63
CHARLEVILLE QLD 4470

Dear Mr Blanch

I refer to the Murweh Shire Council's application for funding under the Queensland Fluoridation Capital Assistance Program.

I am pleased to advise the Honourable Jeff Seeney MP, Deputy Premier, Minister for State Development, Infrastructure and Planning has approved funding up to a maximum of $35 917.50 (GST exclusive) for the 'Fluoridation of the Charleville Bores' project. The funding is eligible expenditure reimbursement for the cost of preparing a fluoridation concept design report.

The Deputy Premier has also written to Councillor Denis Cook, Mayor of Murweh Shire Council, notifying him of the funding approval.

The Department of State Development, Infrastructure and Planning will contact you shortly with details of a Financial Incentive Agreement which council will be required to enter in to in order to complete the funding approval process. Information regarding the process for council to seek reimbursement of project expenses will also be included in this letter.

If you require any further information, please contact Bruce Redpath, Program Manager, on 3898 0450 or Bruce.Redpath@dsdip.qld.gov.au, who will be pleased to assist.

Yours sincerely

Sch. 4(4)(6)

David Edwards
Director-General

Executive Building
100 George Street Brisbane
PO Box 15009 City East
Queensland 4002 Australia
Telephone +61 7 3227 8548
Website www.dsdip.qld.gov.au
ABN 29 230 178 530

DSDIP RTI Release

RTI Document No. 219

Ref 38

Attachment 2
Background Information relating to
the Queensland Fluoridation Capital Assistance Program

In December 2007, the Queensland Government introduced new legislation regarding the introduction of fluoride to Queensland's drinking water supplies. The *Water Fluoridation Act 2008* (the Act) requires an eligible Public Potable Water Supplier (PPWS) to implement fluoridation within the timeframe prescribed in the *Water Fluoridation Regulation 2008* (the Regulation). A relevant PPWS under the Act means a PPWS supplying potable water to at least 1000 members of the public.

Department of Health (DOH) administers the Act and subordinate legislation which establishes the implementation program and administrative and regulatory arrangements. DOH also sets the prescribed concentration of fluoride in drinking water and has primary responsibility once fluoridation plants become operational (following implementation). DOH has published and retains responsibility for the Water Fluoridation Code of Practice for the design and operation of fluoridation plants.

The Major Projects Office is leading the infrastructure implementation of the Queensland Water Fluoridation Program (QWFP) from 2008-2014.

The Infrastructure Project Management Group (IPMG) guides the implementation of water fluoridation by PPWSs (Councils and Water Boards). The departmentally managed IPMG contract professional technical services from two companies (Cardno Pty Ltd and Beca Pty Ltd), to ensure the safe implementation of the QWFP in accordance with the Act, supporting Regulation and codes, and to meet the implementation schedule as announced by the former Premier in December 2007.

QFCAP funding guidelines provide for funding of reasonable, lowest life cycle costs directly related to fluoridation. The proposed method of fluoride dosing must also conform to the Water Fluoridation Code of Practice. The Major Projects Office administers QFCAP and recommends QFCAP funding for each PPWS, based on recommendations of the IPMG.

The Queensland Government has allocated funding to QFCAP over a six year period, from 1 July 2008 to 30 June 2014, to assist each PPWS outside South East Queensland to safely implement fluoridation of regulated water supplies. Normally, fluoride dosing infrastructure will be funded at the rate of 100 per cent. However, there will be some instances where 100 per cent funding is not applied, such as:

- where the PPWS has opted to utilise infrastructure or equipment which is not the lowest cost option for the safe delivery of fluoride (as advised by the IPMG);
- where the PPWS has decided to undertake a fluoride delivery method, which, in the opinion of the IPMG professional technical review team, is not the lowest cost option for the safe delivery of fluoride;
- where the PPWS has included works which are not associated with the safe delivery of fluoride (e.g. replacement of existing parts);

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RTI Document No. 220

- where the PPWS is receiving other State or Federal Government funding towards the project.

Each PPWS (defined by the Act) listed in Schedule 1 of the Regulation, outside South East Queensland, is an eligible applicant for QFCAP funding.

QFCAP provides funding towards capital works associated with the design and installation of fluoridation infrastructure. Eligible works include design, construction and commissioning and initial plant operator training.

Recurrent costs associated with operations and maintenance are excluded, apart from an allowance for the first three years provided to Indigenous communities which have implemented fluoridation under QFCAP.

Amendments to the Act repealing the mandatory requirement for water supplies servicing greater than 1000 residents to be fluoridated were debated and passed by Parliament on 29 November 2012, receiving assent on 5 December 2012. The amendments require local governments to decide whether or not to fluoridate based on the best interests of the community.

To accompany the amendments to the Act, the Regulation has been amended to remove Schedule 1 of the Regulation. Schedule 1 listed the water supplies to be fluoridated and the dates before which fluoride must be added to a water supply. Regulation amendments were passed by the Governor in Council on 20 December 2012.

PPWS that have expended funding on fluoridation in good faith, when fluoridation was mandatory, but decide not to continue with fluoridation or cease dosing fluoride, will be reimbursed eligible costs for fluoridation.

The QFCAP will continue until 30 June 2014, to enable PPWS sufficient time to submit reimbursement claims due to:

- community consultation, where untaken, to assist local governments in the decision making process,
- contract negotiation where PPWS pull out of a construction contract;
- delay in commencement of fluoridation infrastructure, for those that decide to continue implementation of fluoridation, while PPWS awaited Act amendments.

With the removal of Schedule 1 of the Regulation any PPWS, regardless of population serviced, will be eligible to apply for funding under the QFCAP for fluoridation infrastructure, where the Council makes the decision to fluoridate. Payment claims will need to be finalised prior to the completion of QFCAP in June 2014.

The QFCAP guidelines are currently being updated to reflect recent Act and Regulation amendments.

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RTI Document No. 221

8/6/12 1 of 34

Queensland Government

Queensland Health

Mr Chris Blanch
Chief Executive Officer
Murweh Shire Council
PO Box 63
CHARLEVILLE QLD 4470

Dear Mr Blanch

The Water Fluoridation Act 2008 requires all public potable water supplies supplying 1,000 or more people to implement water fluoridation within a timeframe specified within Schedule 1 of the Water Fluoridation Regulation 2008.

Roll out of the Queensland Water Fluoridation Program has progressed well to date with over 87% of Queenslander now having access to fluoridated water.

The Minister for Health, Mr Lawrence Springborg, has acknowledged that a small minority of the public potable water supplies remaining to be fluoridated face significant public health and/or infrastructure issues which may hamper the implementation of fluoridation. The following scheme, operated by the Murweh Shire Council is considered within this minority:

Charleville Bores

The requirement under the Act to fluoridate the drinking water supply specified above remains, however, the Minister has granted approval for the current timeframe by which fluoridation must be implemented to be removed. Removal of this timeframe will allow Council an opportunity to address any public health, water chemistry and/or infrastructure issues faced by the water supply prior to implementing fluoridation at a later date.

It is proposed that fluoridation will only require implementation at the drinking water supply specified above at a time when the Minister considers it appropriate to proceed.

As you may know, the Queensland Fluoridation Capital Assistance Program (QFCAP) (administered by the Department of State Development, Infrastructure and Planning) concludes on 30 June 2013. This means that if fluoridation were to proceed at the Charleville

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RTI Document No. 222

Bores in the future, funding assistance for the capital costs associated with implementation of fluoride dosing infrastructure would have to be addressed via new a funding approval.
Should you have any queries regarding this matter or if for any reason you do not wish the timeframe for the implementation of fluoridation for the supply listed above to be removed please contact me via telephone 332 89345.

Please note that this proposed regulatory amendment will not be impacted by the outcome of your "exemption from the requirement to fluoridate" application currently being considered by the Minister, as this relates to a separate provision within the Water Fluoridation Act. In other words, even if your exemption application is unsuccessful, the timeframe for implementation of fluoridation will still be removed from the Regulation.

Yours sincerely

Sch. 4(4)(6)

Dr Greg Jackson
Director – Water Quality Unit
08/06/12

cc.

Russell Hood, Director Engineering Services, Murweh Shire Council

Craig Edmonds, Director – Queensland Fluoridation Implementation Program, Department of State Development, Infrastructure and Planning

DSDIP - RTI Release

RTI Document No. 223

Ref 40

Oaths Act 1867

Statutory Declaration

QUEENSLAND
TO WIT

I, Sch. 4(4)(6) Charleville QLD 4470, in the State of Queensland do solemnly and sincerely declare that:

the time cost of work performed by me in relation to the proposed fluoridation of Charleville Water Supply amounted to $850.00.

This work included preliminary design of modifications to the water supply system, and compilation of water test results from Council records.

And I make this solemn declaration conscientiously believing the same to be true, and by virtue of the provisions of the Oaths Act 1867.

Sch. 4(4)(6)

Declarer

Taken and declared before me at Charleville this 30th day of May 2013, before me.

Sch. 4(4)(6)

Justice of the Peace/Commissioner for Declarations

Sch. 4(4)(6)

DSDIP - RTI Release

Received
29 MAY 2013
ESU

Ref 41

Ref No: MBN13/83

DSDIP – BRIEF FOR DECISION	Date: 14 May 2013

SUBJECT: Approval of funds for Balonne Shire Council under the Queensland Fluoridation Capital Assistance Program (QFCAP).

NOTED or APPROVED/~~NOT APPROVED~~
Sch. 4(4)(6)

Hon. Jeff Seeney MP
Deputy Premier, Minister for State Development, Infrastructure and Planning
Date: 25/5/13

RECOMMENDATION:

That you:

- **approve** funding up to a maximum of $15 840.00 (exclusive of GST) under the QFCAP for the Balonne Shire Council (the Council) for preparing a fluoridation concept deign report (FCDR) for the "Fluoridation of the St George Surface Water Treatment Plant" (WTP) project.
- **sign** the letters to the Mayor and Chief Executive Officer of the Council (**Attachment 1**).

BACKGROUND:

Please refer to background details of the QFCAP (**Attachment 2**).

In order to assist Queensland local governments with the cost of implementing water fluoridation, the Department of State Development, Infrastructure and Planning (the Department) manages the Queensland Water Fluoridation Program (QFCAP). QFCAP provides up to 100 per cent funding of eligible works for the lowest cost option for the safe provision of water fluoridation. The *Water Fluoridation Act 2008* (the Act) and the *Water Fluoridation Regulation 2008* (the Regulation) provide the legislative framework for the QFCAP.

The Act was amended by Parliament on 29 November 2012 and received assent on 5 December 2012. The amendments repealed the mandatory requirement for water supplies servicing greater than 1000 residents to be fluoridated. This requires local governments to decide whether or not to proceed with fluoridation based on the best interests of the community.

KEY ISSUES:

Under the earlier version of the Regulation, Council was required to commence fluoride dosing into the St George water supply by 31 December 2012. As a pre-requisite to access QFCAP funding, the Council submitted its Fluoridation Concept Design Report (FCDR) on 30 March 2012. The FCDR detailed the project's estimated cost, construction timelines, ongoing operational and maintenance costs and asset depreciation.

In April 2012 Council applied to the (now) Department of Health (DoH) seeking an exemption from the requirement to implement fluoridation based on the lack of existing infrastructure and water treatment experience. This exemption process and eligibility criteria was managed by DoH and to date Council has incurred no further fluoridation expenses for this project.

On 29 April 2013 the Department received a letter from Council dated 23 April 2013 confirming the Council has resolved that it will not proceed with constructing water fluoridation infrastructure at the St George Surface WTP (**Attachment 3**).

Author details	Endorsed by: Stuart Pickering DDG	Endorsed by: David Edwards
Name: Michael Norris	Business Group: Major Projects	Director-General
Position: Major Projects	Telephone: 3247 3955	Telephone: 3227 8543
Telephone: 34043196	Stuart Pickering	10/5/13

DSDIP RTI Release

The Council provided evidence from its financial database to substantiate the $15 840.00 spent on the FCDR in good faith.

The Department of State Development, Infrastructure and Planning (the Department) has assessed Council's evidence of eligible fluoridation expenses and Council's request for reimbursement totalling $15 840.00 for this project. Council is eligible to access QFCAP funding to cover the cost of the preparation of the FCDR. The reimbursement amount does not require the standard contingency of 20% to be applied, as the costs are based on the actual amount spent on the project to date. All costs are exclusive of GST. The Department concurs with the Council's request.

In order to be reimbursed, the project requires a funding approval, and the Council will be required to enter into a Financial Incentive Agreement (an Agreement) with the State. Should you agree to approve funds for this project, the Department will negotiate with the Council to enter into an Agreement.

Sch. 3(2)(1)(c)

At 1 May 2013, 85 projects had QFCAP funding approvals totalling $57.34 million. Savings from projects completed under budget total $1.42 million, leaving $2.73 million of QFCAP funding available to fund water fluoridation infrastructure. The approval of $15 840.00 (excluding GST) for the "Fluoridation of the St George Surface Water Treatment Plant" project being sought in this brief can be met from the $2.73 million remaining in the QFCAP budget.

CONSULTATION:

The funding recommendations were determined in consultation with the Infrastructure Project Management Group for fluoride, and Departmental officers.

RIGHT TO INFORMATION: Contents/attachments suitable for publication ☒ Yes ☐ No

DSDIP - RTI Release

Ref 42

Hon Jeff Seeney MP
Deputy Premier
Minister for State Development, Infrastructure and Planning

Queensland Government

Our ref: MBN 13/83

29 MAY 2013

Councillor Donna Stewart
Mayor
Balonne Shire Council
PO Box 201
ST GEORGE QLD 4487

Dear Councillor Stewart

I refer to the Balonne Shire Council's application for funding under the Queensland Fluoridation Capital Assistance Program.

I am pleased to advise I have approved funding up to a maximum of $15 840.00 (GST exclusive) for the "Fluoridation of the St George Surface Water Treatment Plant" project. The funding is reimbursement for the cost of preparing a fluoridation concept design report.

I have also written to Mr Scott Norman, Chief Executive Officer of Balonne Shire Council, notifying him of the funding approval. My Department will write to Mr Norman in the near future with details of a Financial Incentive Agreement that Council will be required to enter in order to complete the funding approval process.

If you require any further information, Jeff Popp in my office will assist and can be contacted on 3224 4600.

Yours sincerely

Sch. 4(4)(6)

JEFF SEENEY MP
DEPUTY PREMIER
Minister for State Development, Infrastructure and Planning

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DSDIP RTI Release

RTI Document No. 227

Ref 43

Hon Jeff Seeney MP
Deputy Premier
Minister for State Development, Infrastructure and Planning

Our ref: MBN 13/83

29 MAY 2013

Mr Scott Norman
Chief Executive Officer
Balonne Shire Council
PO Box 201
ST GEORGE QLD 4487

Dear Mr Norman

I refer to the Balonne Shire Council's application for funding under the Queensland Fluoridation Capital Assistance Program.

I am pleased to advise I have approved funding up to a maximum of $15 840.00 (GST exclusive) for the "Fluoridation of the St George Surface Water Treatment Plant" project. The funding is reimbursement for the cost of preparing a fluoridation concept design report.

The Department of State Development, Infrastructure and Planning will write to you in the near future with details of a Financial Incentive Agreement that the Council will be required to enter in to in order to complete the funding approval process. Information regarding the process for Council to seek reimbursement of project expenses will be included in this letter.

I have also written to Councillor Donna Stewart, Mayor of Balonne Shire Council, notifying her of the funding approval.

If you require any further information, Michael Norris in Major Projects, Department of State Development, Infrastructure and Planning will assist and can be contacted on 3404 3196.

Yours sincerely

Sch. 4(4)(6)

JEFF SEENEY MP
DEPUTY PREMIER
Minister for State Development, Infrastructure and Planning

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DSDIP RTI Release

RTI Document No. 228

Ref 44

Attachment 2 to MBN 13/83

Background Information relating to the Queensland Fluoridation Capital Assistance Program

In December 2007, the Queensland Government introduced new legislation regarding the introduction of fluoride to Queensland's drinking water supplies. The *Water Fluoridation Act 2008* (the Act) requires an eligible Public Potable Water Supplier (PPWS) to implement fluoridation within the timeframe prescribed in the *Water Fluoridation Regulation 2008* (the Regulation). A relevant PPWS under the Act means a PPWS supplying potable water to at least 1000 members of the public.

The Department of Health (DoH) administers the Act and subordinate legislation which establishes the implementation program and administrative and regulatory arrangements. DoH also sets the prescribed concentration of fluoride in drinking water and has primary responsibility once fluoridation plants become operational (following implementation). DoH has published and retains responsibility for the Water Fluoridation Code of Practice for the design and operation of fluoridation plants.

The Major Projects Office is leading the infrastructure implementation of the Queensland Water Fluoridation Program (QWFP) from 2008-2014.

The Infrastructure Project Management Group (IPMG) guides the implementation of water fluoridation by PPWSs (Councils and Water Boards). The departmentally managed IPMG contract professional technical services from two companies (Cardno Pty Ltd and Beca Pty Ltd), to ensure the safe implementation of the QWFP in accordance with the Act, supporting Regulation and codes, and to meet the implementation schedule as announced by the former Premier in December 2007.

QFCAP funding guidelines provide for funding of reasonable, lowest life cycle costs directly related to fluoridation. The proposed method of fluoride dosing must also conform to the Water Fluoridation Code of Practice. The Major Projects Office administers QFCAP and recommends QFCAP funding for each PPWS, based on recommendations of the IPMG.

The Queensland Government has allocated funding to QFCAP over a six year period, from 1 July 2008 to 30 June 2014, to assist each PPWS outside South East Queensland to safely implement fluoridation of regulated water supplies. Normally, fluoride dosing infrastructure will be funded at the rate of 100 per cent. However, there will be some instances where 100 per cent funding is not applied, such as:

- where the PPWS has opted to utilise infrastructure or equipment which is not the lowest cost option for the safe delivery of fluoride (as advised by the IPMG);
- where the PPWS has decided to undertake a fluoride delivery method, which, in the opinion of the IPMG professional technical review team, is not the lowest cost option for the safe delivery of fluoride;
- where the PPWS has included works which are not associated with the safe delivery of fluoride (e.g. replacement of existing parts);
- where the PPWS is receiving other State or Federal Government funding towards the project.

Each PPWS (defined by the Act) listed in Schedule 1 of the Regulation, outside South East Queensland, is an eligible applicant for QFCAP funding.

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RTI Document No. 229

QFCAP provides funding towards capital works associated with the design and installation of fluoridation infrastructure. Eligible works include design, construction and commissioning and initial plant operator training.

Recurrent costs associated with operations and maintenance are excluded, apart from an allowance for the first three years provided to Indigenous communities which have implemented fluoridation under QFCAP.

Amendments to the Act repealing the mandatory requirement for water supplies servicing greater than 1000 residents to be fluoridated, were debated and passed by Parliament on 29 November 2012, receiving assent on 5 December 2012. The amendments require local governments to decide whether or not to fluoridate based on the best interests of the community.

To accompany the amendments to the Act, the Regulation has been amended to remove Schedule 1 of the Regulation. Schedule 1 listed the water supplies to be fluoridated and the dates before which fluoride must be added to a water supply. Regulation amendments were passed by the Governor in Council on 20 December 2012.

PPWS that have expended funding on fluoridation in good faith, when fluoridation was mandatory, but decide not to continue with fluoridation or cease dosing fluoride, will be reimbursed eligible costs for fluoridation.

The QFCAP will continue until 30 June 2014, to enable PPWS sufficient time to submit reimbursement claims due to:

- community consultation, where untaken, to assist local governments in the decision making process;
- contract negotiation where PPWS pull out of a construction contract;
- delay in commencement of fluoridation infrastructure, for those that decide to continue implementation of fluoridation, while PPWS awaited Act amendments.

With the removal of Schedule 1 of the Regulation any PPWS, regardless of population serviced, will be eligible to apply for funding under the QFCAP for fluoridation infrastructure, where the Council makes the decision to fluoridate. Payment claims will need to be finalised prior to the completion of QFCAP in June 2014.

The QFCAP guidelines are currently being updated to reflect recent Act and Regulation amendments.

DSDIP RTI Release

Rf 45

All communications are
to be addressed to the
Chief Executive Officer

When telephoning or calling
please ask for:
Mrs Karen Searle
Our Ref: KMS D2013/ 03834

For the People
Balonne Shire Council

23 April 2013

Senior Project Officer
Queensland Water Fluoridation Implementation Program
Department of State Development, Infrastructure and Planning
PO Box 15009
CITY EAST QLD 4002

Dear Sir/Madam

Re: Fluoridation of the St George Surface Water Treatment Plant Project

Reference is made to the above and I now enclose a Project Closeout Report for works completed to date for consideration of recouping eligible expenditure incurred on the project.

Council completed the Fluoridation Concept Design, at its' General Meeting on 9 March 2012, resolved not to proceed with a fluoridation project.

If you require any further information regarding this matter, please do not hesitate to contact Michael Shellshear on 07 4620 8888.

Yours faithfully

Sch. 4(4)(6)

Scott Norman
CHIEF EXECUTIVE OFFICER

Council Chambers
Victoria Street
PO Box 201
St George Qld 4487
ABN 49 655 876 831

Phone: (07) 4620 8888
Fax: (07) 4620 8889
Email: council@balonne.qld.gov.au
Website: www.balonne.qld.gov.au

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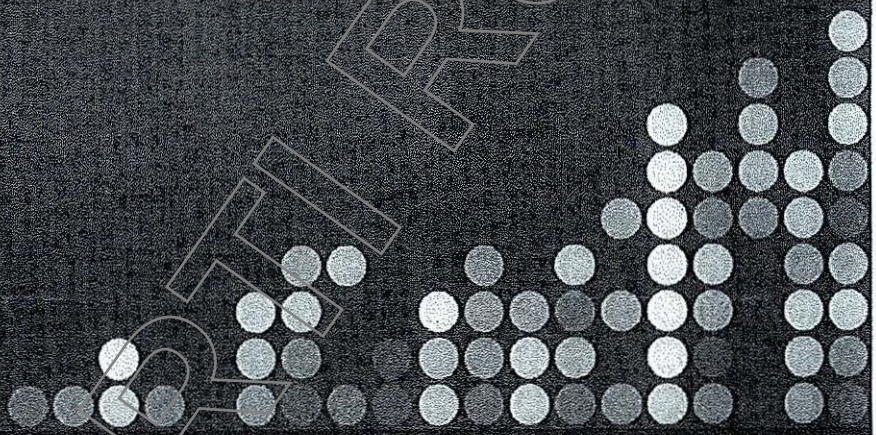
RTI Document No. 231

Department of State Development, Infrastructure and Planning

Project closeout report

For public potable water suppliers



Public potable water supplier:

Enter Public Potable Water Supplier name

Project name:

St George Surface Water Treatment Plant Project

Fluoridation of the St George water treatment plant

Queensland Government

DSDIP RTI Release

RTI Document No. 232

Introduction

The objective of this report is to provide the Queensland Government with:

- a summary of activities that took place to achieve the goals of the project (by completing the below questions)
- supporting information along with the request for payment form of the final 10 percent of costs incurred for the project (complete the Subsidy claim form available online at www.dip.qld.gov.au/grants-and-funding/queensland-fluoridation-capital-assistance-program) and supply cost substantiation)
- a notification of project finalisation.

Please ensure you complete Sections 2 through 7 thoroughly. Project information is required to ensure that the final subsidy payment can be authorised.

1. Project details

Please insert the details about your project in the table below.

Project name	St George Surface Water Treatment Plant Project
Approval date	/ / N/A
Funding agreement execution date	/ / N/A
Approved funding ($)	$
Funding paid to date ($)	$
Amount outstanding	$
Population served	Pop #: 2300

DSDIP - RTI Release

RTI Document No. 233

2. Construction details

Please insert the construction details about your project in the table below.

Procurement methodology	N/A
Concept design prepared by	MJM Environmental
Detailed design prepared by	N/A
Construction awarded to	N/A
Fluoridation equipment supplier	N/A
Flow meters utilised (type and size)	N/A
Concentration analysers utilised	N/A
Remote monitoring equipment (if installed)	N/A
Plant capacity including minimum and maximum flow demands	N/A
Chemical selection	N/A .

DSDIP - RTI Release

RTI Document No. 234

3. Timelines

Please provide the dates for your project milestones in the table below.

Activity	Original forecasted date	Actual completion date
Commencement of Fluoride concept design report (FCDR)	/ /	7 / 12 /2011
Construction commencement	/ / N/A	/ / N/A
Commencement date of proof of performance testing	/ / N/A	/ / N/A
Completion date of proof of performance testing	/ / N/A	/ / N/A
Commissioning date/hand over to PPWS	/ / N/A	/ / N/A
Training completed and competency gained	/ / N/A	/ / N/A.

Please complete the questions below about your project timelines.

3.1 Has there been any major delays to the construction of the fluoride facility?

Yes / No No N/A.

3.2 If yes, what caused these delays? (you may attach a report detailing the reasons for the delays)

N/A.

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RTI Document No. 235

4. Costs

Please insert your project costs in the table below and provide further information if applicable to the question below.

Activity	Original forecasted amount	Actual amount
Final cost of planning, design and construction (separate costs detailed for fluoride plant and then WTP associated works linked to fluoride) linked to 4 below	$ 15,840.00 ex GST	~~$17,424.00~~ $15,840.00 ex GST.
Commissioning costs	$ N/A	N/A.
Cost of chemical supply per bag (including freight)	$ N/A	$ N/A.

4.1 If the project was completed at a higher than estimated cost and the contingency amount was required, please provide a brief explanation as to why this occurred (you may attach a report detailing the reasons for the increased cost).

N/A.

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RTI Document No. 236

5. Closure

Please provide further details on the items listed below (you may use attachments):.

5.1 Proof of performance testing criteria

N/A

5.2 Proof of performance testing results

N/A

5.3 Water analysis results

N/A

5.4 Please provide a list of outstanding business activities, risks and issues associated with the project.

N/A

5.5 What closure activities still require completion?

N/A

5.6 Please provide any 'lesson(s) learnt' which could assist future Implementations. This may include any experience you had with your contractors.

Lessons learned - not attached N/A .

Please circle an answer to each of the questions below, If the answer is 'to be completed' please insert the date for which it will be completed by.

5.7. Is hand over of the project deliverables and documentation
Completed / to be completed by:
/ / N/A .

5.8 Termination of any supplier contracts:
Completed / to be completed by:
/ / N/A

5.9 Release resources
Completed / to be completed by:
/ / N/A .

5.10 Undertake closure communication (for example Queensland Health)

Completed / to be completed by:
/ / N/A .

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RTI Document No. 237

6. Photographs

Please provide electronic copies of photographs showing the following. Tick to confirm they have been provided or attached

- ☐ the completed project N/A
- ☐ photographs of the project during construction N/A
- ☐ a photograph of the dosing meter showing the dosing level N/A
- ☐ A copy of the 24 hour trend graph indicating WTP flow and fluoride levels. N/A.

7. Documentation

Please provide copies of the following documents. Tick to confirm they have been provided or attached.

- ☐ the Certificate(s) of Practical Completion issued by the superintendent(s) N/A
- ☐ the Certificates of Final Acceptance Tests N/A
- ☐ written evidence the fluoride facility has met the performance requirements of the Regulation for a period of not less than 14 consecutive operating days and continues to do so N/A
- ☐ written evidence two (2) plant operators per fluoride facility have completed qualified training N/A
- ☐ written evidence the associated documentation (e.g. operation and maintenance manuals, as-constructed information) is complete in all respects N/A.
- ☐ the certified contract payment schedules, the Certificate(s) of Practical Completion and the Certificates of Final Acceptance Tests N/A
- ☐ the final Budget and cost report SENT TO DSDIP
- ☐ results of tests carried out in accordance with the Regulation demonstrating that the fluoride facility is meeting the requirements of the Regulation N/A
- ☐ the completed final subsidy post-commissioning checklist N/A
- ☐ a statement of compliance with the Regulation. N/A.

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RTI Document No. 238

8. Sign Off

I certify that the information provided in this report is an accurate reflection of project activities.

Sch. 4(4)(6)

Signed

Michael Shellshear

Project Manager

Sch. 4(4)(6)

Signed

Scott Norman

Chief Executive Officer

Save

Print

Submit

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RTI Document No. 239

Ref 46

Queensland Fluoridation Capital Assistance Program For Public Potable Water Suppliers in Regional Queensland

Program Guidelines

These guidelines take effect from the x xxxx 2013 and replace the previous Queensland Fluoridation Assistance Program (QFCAP) guidelines of March 2010.

The Queensland Fluoridation Capital Assistance Program (QFCAP) provides funding for new fluoridation infrastructure to public potable water suppliers (PPWS) in regional Queensland.

Amendments to the *Water Fluoridation Act 2008* (the Act), repealing the mandatory requirement for water supplies servicing greater than 1000 residents to be fluoridated, were debated and passed by Parliament on 29 November 2012, receiving assent on 5 December 2012. The amendments require [redacted] local governments to decide whether or not to fluoridate based on the best interests of the community. A copy of the legislation is available at www.legislation.qld.gov.au.

These guidelines are to assist those PPWS who:

- Intend to continue with the construction of water fluoridation infrastructure; or
- Intend on constructing new water fluoridation infrastructure; or
- Cease adding fluoride to water supplies or do not proceed with water fluoridation, and who wish to seek reimbursement for eligible expenditure incurred to date on water fluoridation projects (eg concept design reports).

NOTE: ANY PPWS SEEKING REIMBURSEMENT FOR EXPENDITURE INCURRED ON PROVIDING WATER FLUORIDATION MUST ENSURE ~~THE PROJECT:~~

- **~~RECEIVES A FUNDING APPROVAL; AND~~**
- **~~HAS A COPY OF THE COUNCIL RESOLUTION CONFIRMING THE PPWS INTENT EITHER TO ADD FLUORIDE, CEASE FLUORIDATION OR NOT PROCEED WITH WATER FLUORIDATION; AND~~**
- **~~HAS A LETTER OF INTENT CONFIRMING THEIR COMMITMENT TO THE ONGOING SUPPLY OF FLUORIDE TO THE WATER SUPPLY SYSTEM (only applicable to PPWS that intend to continue with the construction of water fluoridation infrastructure or intend on constructing new fluoridation infrastructure); AND~~**
- **~~HAS A FINANCIAL INCENTIVE AGREEMENT EXECUTED FOR THE PROJECT; AND~~**
- **~~SUBMITS~~ ALL CLAIMS AND FINAL REPORTS [redacted] TO QFCAP BY 1 APRIL 2014. EXPENDITURE REIMBURSEMENT CLAIMS RECEIVED AFTER THIS DATE MAY NOT BE PROCESSED; ~~AND~~**
- **~~COMPLIES WITH OTHER REQUIREMENTS IN THE GUIDELINES AND OTHER RELATED DOCUMENTS.~~**

~~Please see Appendix 1 for details regarding expenditure reimbursements.~~

1. Program objective

The Queensland Fluoridation Capital Assistance Program recognises the additional costs faced by PPWS who wish to proceed with introducing water fluoridation into Queensland public potable water supplies outside South East Queensland. The Program also provides reimbursement of eligible expenditure incurred to date on water fluoridation projects that do not proceed or where PPWS cease adding fluoride to water.

PPWS must ensure all dosing plants comply with the Act, the Regulation (available at www.legislation.qld.gov.au) and the Fluoridation Code of Practice (the Code) (available at www.health.qld.gov.au/ph/documents/ehu/fluoride_codepractice.pdf).

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RTI Document No. 240

QFCAP funding is ~~only~~ available for new fluoridation dosing installations. QFCAP will also provide reimbursements for approved projects where PPWS cease to add fluoride to their water supply systems or do not proceed with water fluoridation. Funding is not available to repair or upgrade existing fluoride dosing systems.

2. Program description

The Queensland Government has allocated funding over six years for this program from 1 July 2008 to 30 June 2014. Eligible PPWS can receive up to 100 per cent of the eligible, approved capital costs for fluoridation projects that meet the criteria for funding. The funding applies to the installation of new fluoride infrastructure, or eligible expenditure incurred with the preparation of fluoridation concept design reports.

As a general principle, the State will provide funding towards the capital cost of the lowest life cycle cost option that will safely meet the requirements of the Code. PPWS should include chemical costs as part of the life cycle cost analysis.

The Minister may consider proposals that are not the lowest financial cost subject to appropriate justification.

Those water suppliers that have expended funding on eligible fluoridation infrastructure in good faith and decide not to continue, proceed with fluoridation or cease to add fluoride can be reimbursed up to 100 per cent of the eligible costs directly related to the fluoride infrastructure.

3. Infrastructure Project Management Group

The Queensland Government established the Infrastructure Project Management Group (IPMG) to facilitate the roll-out of fluoridation to regional Queensland. ~~in accordance with the timeframes specified in the Regulation.~~ The IPMG is managed by the Department of State Development, Infrastructure and Planning (DSDIP) in conjunction with technical consultants. IPMG will operate until 30 June 2014.

The IPMG is responsible for communicating with regional PPWS during all stages of the fluoridation program. They are responsible for:

- reviewing Fluoridation Concept Design Reports and supporting information submitted by PPWS;
- recommending subsidy levels to the Queensland Government; and
- assessing expenditure reimbursement claims and facilitating payments to PPWS.

A variety of suppliers have been pre-qualified for QFCAP eliminating the need for PPWS to prepare tender documentation. These include:

- professional services
- plant and equipment,
- supply of fluoridation chemicals

The full list of suppliers is included in the Queensland Regional Fluoridation Information Pack (QRFIP).

Copies of the QRFIP are available on request.

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RTI Document No. 241

Construction contractors have not been pre-qualified. PPWS will need to source construction contractors and arrange preparation of tender documentation and contract specifications—information on this process is available in the QRFIP guidance notes.

4. Eligible applicants

Any PPWS outside of South East Queensland may submit a funding application for reimbursement of eligible water fluoridation works.

5. Eligible project costs

QFCAP funds are available for eligible project costs. PPWS are reminded the lowest life cycle cost for the safe introduction of water fluoridation will be funded. Any expenditure above the lowest life cycle cost will be funded by the PPWS.

Eligible items may include, and not be limited to, the following:

- fluoridation concept design report preparation
- project detailed design preparation
- contract management
- plant design
- construction (plant and equipment)
- initial plant operator training for two operators per plant
- commissioning
- chemical storage facilities

Further details on eligible project costs are included in the QRFIP.

Expenditure Reimbursements for Projects where fluoride was not added to the Water Supply Systems

Following amendments to the Act, repealing the mandatory requirement for water supplies servicing greater than 1000 residents to be fluoridated, PPWS may seek reimbursement on eligible, approved expenditure incurred for fluoridation infrastructure that is complete, not completed or where fluoride dosing has not commenced. Claims for "partially completed" infrastructure should take the same form as "completed" projects. In addition the water supplier must provide a copy of the Council resolution confirming the PPWS intent of ceasing to add fluoride to their water supply system or not proceeding with water fluoridation.

6. Ineligible project costs

Project works that are generally ineligible include:

- repairs and maintenance to other equipment
- equipment replacement costs
- other civil works not integral with the fluoridation dosing plant
- recurrent costs associated with operation and maintenance
- depreciation
- decommissioning costs

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RTI Document No. 242

- costs involved with making the decision to continue or cease fluoridation, including legal advice, penalty costs in breaking a contract and costs associated with compensation to other local governments or the water supplier
- PPWS administration and engineering costs

NOTE: PPWS should be aware that internal administrative and engineering costs will not be considered eligible for funding. PPWS should liaise with DSDIP prior to committing funding in these areas.

7. Funding Application ~~selection criteria~~

For new water fluoridation projects, a PPWS should submit the Fluoridation Concept Design Report at the time of making the initial subsidy application, a copy of the Council resolution confirming the water suppliers intent and a Letter of Intent confirming their commitment to the ~~ongoing~~ supply of fluoride to the water supply system.

PPWS will submit a Fluoridation Concept Design Report to the IPMG at the time of initial subsidy application. The funding will be based on the most appropriate installation and will be recommended by the IPMG to the Queensland Government subject to a review of the Fluoridation Concept Design Report, taking into account benchmark designs and target cost estimates.

The Fluoridation Concept Design Report is reviewed against the requirements in the content checklist and a QFCAP funding recommendation is made to the Queensland Government (further details in the QRFIP). QFCAP applications are approved by the Minister based on the IPMG recommendations.

PPWS must meet the ongoing costs of the plant's annual operation and maintenance, the cost of funding asset depreciation (on a current cost basis) and any appropriate insurance of capital works for which subsidy is provided.

NOTE: ANY PPWS SEEKING REIMBURSEMENT FOR EXPENDITURE INCURRED MUST SUBMIT ALL CLAIMS AND FINAL REPORTS TO QFCAP BY 1 APRIL 2014. EXPENDITURE REIMBURSEMENT CLAIMS RECEIVED AFTER THIS DATE MAY NOT BE PROCESSED.

8. Operations and funding

By accepting funding through the QFCAP for construction, PPWS commit to the ~~ongoing~~ operation of the fluoridation system in accordance with the Act, the *Water Fluoridation Regulation 2008* (the Regulation) and the criteria outlined in the Water Fluoridation Code of Practice.

Particular emphasis should be given to:

- operation and maintenance
- technical criteria
- workplace health and safety issues
- environmental and health requirements.

~~This also means that once the commissioning of the fluoride plant has been completed and the handover accepted, each PPWS has a commitment to the ongoing supply of fluoride to the water supply system. Department of Health should be notified immediately should a PPWS need to stop fluoride dosing.~~

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RTI Document No. 243

Any ongoing operational issues and reporting, as specified in the Act, the Regulation, and the Water Fluoridation Code of Practice, should be addressed to the ~~Queensland Health Water Quality Unit.~~ [redacted]

9. Expenditure reimbursement process

~~The procedure for submission of expenditure reimbursement claims can be found at Appendix 1.~~

Where a water supplier decides to cease adding fluoride to its water supply or does not proceed with water fluoridation they may be reimbursed up to 100 per cent of the eligible costs directly related to the fluoride infrastructure. The process for seeking reimbursement mirrors the necessary steps that need to be undertaken for new water fluoridation projects (outlined above) except the Letter of Intent requirement. The Council resolution would need to provide evidence of the PPWS intent to cease adding fluoride to their water supply system or not proceeding with water fluoridation. ~~Claims for "partially completed" infrastructure should take the same form as "completed" projects.~~

10. Additional administrative arrangements

PPWS must ensure ongoing compliance with all regulatory administrative, reporting and auditing requirements as per legislative requirements (available at www.legislation.qld.gov.au) and the Fluoridation Code of Practice (available at www.health.qld.gov.au/ph/documents/ehu/fluoride_codepractice.pdf).

Queensland Government representatives may attend fluoride-dosing plants ~~at times during the implementation program or decommissioning phase~~ to conduct any inspections required as part of the subsidy application and claim approval processes.

11. How to apply

For more information or to apply for funding please send completed QFCAP application forms to:

The Director
Queensland Water Fluoridation Program
Major Projects ~~Division~~ Office
PO Box 15009,
City East, BRISBANE QLD 4002.
tel: (07) 3898 0450
fluoride@dsdip.qld.gov.au

12. Financial Incentive Agreement

Subject to funding approval, each funding recipient must have in place an executed (signed) Financial Incentive Agreement between the recipient and the Queensland Government prior to commencing the project. A Financial Incentive Agreement is prepared by the Queensland Government in consultation with the funding recipient.

The Financial Incentive Agreement records the details of the approved project, approved funding and the subsidy payment schedule. Compulsory special conditions, together with other special conditions that

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RTI Document No. 244

may be negotiated between the Queensland Government and the funding recipient, will also be identified in the Financial Incentive Agreement.

~~A copy of the Council resolution confirming the PPWS intent either to add fluoride, cease adding fluoride to its water supply system or not proceeding with water fluoridation must also be in place and provided to the IPMG.~~ A Letter of Intent confirming the PPWS commitment to the ~~ongoing~~ supply of fluoride to the water supply system (only applicable to PPWS that intend to continue with the construction of water fluoridation infrastructure or intend on constructing new fluoridation infrastructure) is also required.

13. Timing of expenditure reimbursement claims

First Advance Payment

Following amendments to the Act and Regulation, the 10 per cent advance payment previously made to the funding recipient within 10 working days of executing the Financial Incentive Agreement will now **NO LONGER BE MADE.**

PPWS who have previously received a payment of 10 per cent of the approved funding on execution of the Financial Incentive Agreement will still be required to acquit these funds prior to submitting additional expenditure reimbursement claims.

Where a water supplier decides not to proceed with fluoridation and the advanced payment exceeds the expenditure incurred by the water supplier then the State will seek a reimbursement from the water supplier.

Final Expenditure Reimbursement Claim Payment

The final payment of ten per cent will be paid subject to funding recipients meeting all of the conditions included in the funding agreement. If all of the conditions are not met, the Queensland Government has the discretion to withdraw this final ten per cent.

Payments

Progress claims for reimbursement funding can be submitted at any time. It is recommended that claims be continually submitted as expenditure is incurred. The claims should be supported at a minimum by:

- Evidence from the PPWS financial database;
- Council resolutions (as outlined earlier in these guidelines)
- Letter of Intent (if applicable as outlined earlier in these guidelines)
- A completed Budget and Cost Report; and
- Photographs of the completed works.

A final expenditure reimbursement claim is paid subject to the conditions in the Financial Incentive Agreement.

Where a water supplier decides to cease or not proceed with fluoridation, then the PPWS will have only one opportunity to request funding. Thus, it is vital that all expenditure items are included in the PPWS submission.

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RTI Document No. 245

NOTE: ANY PPWS SEEKING REIMBURSEMENT FOR EXPENDITURE INCURRED MUST SUBMIT ALL CLAIMS AND FINAL REPORTS TO QFCAP BY 1 APRIL 2014. EXPENDITURE REIMBURSEMENT CLAIMS RECEIVED AFTER THIS DATE MAY NOT BE PROCESSED.

14. Project Close Out Report

PPWS are required to submit a Project Close Out Report upon the completion of the water fluoridation project. ~~(Only relevant sections of the project close out report will need to be completed for those PPWS that cease to fluoridate or do not proceed with water fluoridation. Contact should be made with QFCAP in this regard when completing the Project Close Out Report).~~

15. Prescribed forms

The QFCAP forms are available online at

http://www.dsdip.qld.gov.au/infrastructure-delivery/queensland-fluoridation-capital-assistance-program.html

Included online are:

- Queensland Fluoridation Capital Assistance Program application form
- Certificate of Expenditure Form/Acquittal Form
- Subsidy claim form
- Project Close Out Report template

It is important to ensure all relevant information to support the claim is included with these forms when making a claim.

16. Additional Information

The QRFIP provides further detailed information about the ~~subsidy~~ funding application and the expenditure reimbursement claim process. It also includes information and forms required for submission including:

- Fluoridation Concept Design Report content checklist
- Final Subsidy Post-Commissioning Checklist
- Fluoridation Code of Practice Compliance Statement

17. Where to send your funding application and ~~subsidy~~ expenditure reimbursement claim form

Applications should be sent to:

The Director
Queensland Water Fluoridation Program
Major Projects ~~Division~~ Office
PO Box 15009,
City East, BRISBANE QLD 4002.
tel: (07) 3898 0450

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RTI Document No. 246

fluoride@dsdip.qld.gov.au

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RTI Document No. 247

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RTI Document No. 248

Ref 47

Received

Ref No: MBN13/130

DSDIP – BRIEF FOR DECISION	Date: ~~6 August 2013~~

ESU

SUBJECT: Approval of funds for Cloncurry Shire Council under the Queensland Fluoridation Capital Assistance Program (QFCAP)

NOTED or APPROVED/~~NOT APPROVED~~

Sch. 4(4)(6)

~~Hon.~~ Jeff Seeney MP
Deputy Premier, Minister for State Development, Infrastructure and Planning

Date: 7/8/13

RECOMMENDATIONS:

That you:

- **approve** funding up to a maximum of $73 638.90 (exclusive of GST) under the QFCAP to Cloncurry Shire Council for expenditure to date incurred on the 'Fluoridation of the Cloncurry Water Treatment Plant' (WTP) project including the preparation of a fluoridation concept design report (FCDR)
- **sign** the attached letter to Councillor Andrew Daniels, Mayor of Cloncurry Shire Council (**Attachment 1**)
- **note** that Mr Colin Cassidy, Acting Director-General, Department of State Development, Infrastructure and Planning (DSDIP), will write to Mr David Neeves, Chief Executive Officer, Cloncurry Shire Council, to advise him of your decision.

BACKGROUND:

In order to assist Queensland local governments with the cost of implementing water fluoridation, DSDIP manages QFCAP. QFCAP provides up to 100 per cent funding of eligible works for the lowest cost option for the safe provision of water fluoridation. The *Water Fluoridation Act 2008* and the *Water Fluoridation Regulation 2008* provide the legislative framework for QFCAP.

The Act was amended by Parliament on 29 November 2012 and received assent on 5 December 2012. The amendments repealed the mandatory requirement for water supplies servicing greater than 1000 residents to be fluoridated. This requires local governments to decide whether or not to proceed with fluoridation based on the best interests of the community.

Please refer to background details of QFCAP (**Attachment 2**).

KEY ISSUES:

Under the earlier version of the Regulation, council was required to commence fluoride dosing into the Cloncurry water supply by 31 December 2012. As a pre-requisite to access QFCAP funding, the council prepared a FCDR with an estimated project cost of $767 039.00 which excluded any contingencies.

The Infrastructure Project Management Group (IPMG) reviewed the FCDR during April/May 2012 and recommended the project could be safely implemented at a lower cost. At that time the total recommended QFCAP allocation for this project was proposed to be $715 855.00 (including 20 per cent contingencies).

During May 2012, the first of several QFCAP funding approval briefs for council was prepared for your consideration. This brief was subsequently put on hold while council discussed with the IPMG its concerns over QFCAP funding allocated.

Sch. 4(4)(6)

Author details	Endorsed by:	Endorsed by:
Name: Ian McFarland	Stuart Pickering DDG	Acting Director-General Colin Cassidy
Position: Major Projects	Business Group: Major Projects	Telephone: 322 46408
Telephone: 3405 6482	Telephone: 3247 3055	6/8/13

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RTI Document No. 249

Following the second review, the IPMG recommended QFCAP funding remains at the original recommended amount. After further conversations with council, a new brief recommending QFCAP funding approval was prepared in November 2012.

However, this brief was again placed on hold along with several other QFCAP funding approval briefs, while Queensland Health prepared Act amendment proposals for debate in Parliament in relation to water fluoridation.

Throughout this period of uncertainty for water fluoridation projects during 2012, DSDIP advice to clients listed in the former Schedule 1 was to continue to prepare their FCDR and detailed design work. Therefore, prior to the Act amendments and working towards meeting the legislative 31 December 2012 timeframe, council has incurred, in good faith, QFCAP eligible expenditure on the FCDR and detailed design phase totalling $73 638.90 (exclusive of GST).

On 18 December 2012, after the amendments which repealed the mandatory requirement and after assent, council resolved "that council not introduce fluoride into the potable water supply".

Throughout the earlier months of 2013, DSDIP officers communicated with council and discussed requirements for claiming eligible QFCAP expenditure. In June 2013, council submitted a series of documents to substantiate an expenditure reimbursement claim of $73 638.90 (exclusive of GST).

DSDIP requested, and on 17 July 2013, received a letter from council dated 12 July 2013 confirming council has resolved that it will not proceed with constructing water fluoridation infrastructure at the Cloncurry WTP. In addition, council's letter requested $73 683.90 expenditure reimbursement for the project. However, this letter contained a typographical error as the amount actually being claimed is $73 638.90 (**Attachment 3**).

In order to progress a QFCAP approval recommendation, DSDIP has pre-assessed council's evidence of eligible fluoridation expenses. Council is eligible to access QFCAP funding to cover the cost of the preparation of the FCDR and detailed design works. DSDIP notes council's expenditure reimbursement claim does not require the standard contingency of 20 per cent to be applied, as the expenditure reimbursement is based on the actual eligible amount incurred on the project to date. All costs are noted as exclusive of GST. DSDIP concurs with the council's request.

In order to be reimbursed, this water fluoridation project requires funding approval and council will be required to enter into a Financial Incentive Agreement with the state. Should you agree to approve QFCAP funds for this project, DSDIP will negotiate with council to enter into an agreement.

As at 26 July 2013, 90 projects had QFCAP funding approvals totalling $57.49 million. Savings from projects completed under budget total $1.78 million, leaving $2.94 million of QFCAP funding available to fund water fluoridation infrastructure.

The approval of $73 638.90 (exclusive of GST) for the 'Fluoridation of the Cloncurry Water Treatment Plant' project being sought in this brief can be met from the $2.94 million remaining in the QFCAP budget.

RESULTS OF CONSULTATION:

The funding recommendations were determined in consultation with the IPMG for fluoride and DSDIP officers.

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RTI Document No. 250

Ref 48

Hon Jeff Seeney MP

Deputy Premier
Minister for State Development, Infrastructure and Planning

Our ref: MBN13/130

- 8 AUG 2013

Councillor Andrew Daniels
Mayor
Cloncurry Shire Council
PO Box 3
CLONCURRY QLD 4824

Dear Councillor Daniels

I refer to the Cloncurry Shire Council's application of 12 July 2013 for funding under the Queensland Fluoridation Capital Assistance Program.

I am pleased to advise I have approved funding up to a maximum of $73 638.90 (GST exclusive) for the Fluoridation of the Cloncurry Water Treatment Plant project. The funding is towards eligible expenditure reimbursement for the cost of preparing a fluoridation concept design report.

Mr Colin Cassidy, Acting Director-General, Department of State Development, Infrastructure and Planning, has written to Mr David Neeves, Chief Executive Officer, Cloncurry Shire Council, notifying him of the funding approval and will shortly provide Mr Neeves with details of a Financial Incentive Agreement that Council will be required to enter into in order to complete the funding approval process.

If you require any further information, Jeff Popp in my office will assist and can be contacted on 3224 4600.

Yours sincerely

Sch. 4(4)(6)

JEFF SEENEY MP
DEPUTY PREMIER
Minister for State Development, Infrastructure and Planning

Level 12 Executive Building
100 George Street Brisbane
PO Box 15009 City East
Queensland 4002 Australia
Telephone +61 7 3224 4600
Facsimile +61 7 3210 2185
Email deputypremier@ministerial.qld.gov.au

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RTI Document No. 251

Rf49

Queensland Government

Department of
State Development, Infrastructure and Planning

Our ref: MBN13/130

08 AUG 2013

Mr David Neeves
Chief Executive Officer
Cloncurry Shire Council
PO Box 3
CLONCURRY QLD 4824

Dear Mr Neeves

I refer to the Cloncurry Shire Council application for funding under the Queensland Fluoridation Capital Assistance Program.

I am pleased to advise the Honourable Jeff Seeney MP, Deputy Premier, Minister for State Development, Infrastructure and Planning, has approved funding up to a maximum of $73 638.90 (GST exclusive) for the Fluoridation of the Cloncurry Water Treatment Plant project. The funding is for eligible expenditure reimbursement for the cost of preparing a fluoridation concept design report.

The Deputy Premier has also written to Councillor Andrew Daniels, Mayor of Cloncurry Shire Council, notifying him of the funding approval.

The Department of State Development, Infrastructure and Planning will contact you shortly with details of a Financial Incentive Agreement which council will be required to enter into in order to complete the funding approval process. Information regarding the process for council to seek reimbursement of project expenses will also be included with this letter.

If you require any further information, please contact Bruce Redpath, Program Manager, on 3898 0450 or Bruce.Redpath@dsdip.qld.gov.au, who will be pleased to assist.

Yours sincerely

Sch. 4(4)(6)

Colin Cassidy
Acting Director-General

Executive Building
100 George Street Brisbane
PO Box 15009 City East
Queensland 4002 Australia
Telephone +61 7 3227 8548
Website www.dsdip.qld.gov.au
ABN 29 230 178 530

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RTI Document No. 252

Ref 50

Attachment 2

Background information relating to the Queensland Fluoridation Capital Assistance Program

In December 2007, the Queensland Government introduced new legislation regarding the introduction of fluoride to Queensland's drinking water supplies. The *Water Fluoridation Act 2008* requires an eligible Public Potable Water Supplier (PPWS) to implement fluoridation within the timeframe prescribed in the *Water Fluoridation Regulation 2008*. A relevant PPWS under the Act means a PPWS supplying potable water to at least 1000 members of the public.

Queensland Health administers the Act and subordinate legislation which establishes the implementation program and administrative and regulatory arrangements. Queensland Health also sets the prescribed concentration of fluoride in drinking water and has primary responsibility once fluoridation plants become operational (following implementation). Queensland Health has published and retains responsibility for the Water Fluoridation Code of Practice for the design and operation of fluoridation plants.

The Major Projects Office is leading the infrastructure implementation of the Queensland Water Fluoridation Program (QWFP) from 2008-2014.

The Infrastructure Project Management Group (IPMG) guides the implementation of water fluoridation by PPWSs (councils and Water Boards). The departmentally managed IPMG contract professional technical services from two companies (Cardno Pty Ltd and Beca Pty Ltd), to ensure the safe implementation of the QWFP in accordance with the Act, supporting Regulation and codes, and to meet the implementation schedule as announced by the former Premier in December 2007.

QFCAP funding guidelines provide for funding of reasonable, lowest life cycle costs directly related to fluoridation. The proposed method of fluoride dosing must also conform to the Water Fluoridation Code of Practice. The Major Projects Office administers QFCAP and recommends QFCAP funding for each PPWS, based on recommendations of the IPMG.

The Queensland Government has allocated funding to QFCAP over a six year period, from 1 July 2008 to 30 June 2014, to assist each PPWS outside South East Queensland to safely implement fluoridation of regulated water supplies. Normally, fluoride dosing infrastructure will be funded at the rate of 100 per cent. However, there will be some instances where 100 per cent funding is not applied, such as:

- where the PPWS has opted to utilise infrastructure or equipment which is not the lowest cost option for the safe delivery of fluoride (as advised by the IPMG)
- where the PPWS has decided to undertake a fluoride delivery method, which, in the opinion of the IPMG professional technical review team, is not the lowest cost option for the safe delivery of fluoride
- where the PPWS has included works which are not associated with the safe delivery of fluoride (e.g. replacement of existing parts)

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RTI Document No. 253

- where the PPWS is receiving other state or federal government funding towards the project.

Each PPWS (defined by the Act) listed in Schedule 1 of the Regulation, outside South East Queensland, is an eligible applicant for QFCAP funding.

QFCAP provides funding towards capital works associated with the design and installation of fluoridation infrastructure. Eligible works include design, construction and commissioning and initial plant operator training.

Recurrent costs associated with operations and maintenance are excluded, apart from an allowance for the first three years provided to Indigenous communities which have implemented fluoridation under QFCAP.

Amendments to the Act repealing the mandatory requirement for water supplies servicing greater than 1000 residents to be fluoridated were debated and passed by Parliament on 29 November 2012, receiving assent on 5 December 2012. The amendments require local governments to decide whether or not to fluoridate based on the best interests of the community.

To accompany the amendments to the Act, the Regulation has been amended to remove Schedule 1 of the Regulation. Schedule 1 listed the water supplies to be fluoridated and the dates before which fluoride must be added to a water supply. Regulation amendments were passed by the Governor in Council on 20 December 2012.

PPWS that have expended funding on fluoridation in good faith, when fluoridation was mandatory, but decide not to continue with fluoridation or cease dosing fluoride, will be reimbursed eligible costs for fluoridation.

QFCAP will continue until 30 June 2014, to enable PPWS sufficient time to submit reimbursement claims due to:

- community consultation, where untaken, to assist local governments in the decision making process
- contract negotiation where PPWS pull out of a construction contract
- delay in commencement of fluoridation infrastructure, for those that decide to continue implementation of fluoridation, while PPWS awaited Act amendments.

With the removal of Schedule 1 of the Regulation any PPWS, regardless of population serviced, will be eligible to apply for funding under the QFCAP for fluoridation infrastructure, where council makes the decision to fluoridate. Payment claims will need to be finalised prior to the completion of QFCAP in June 2014.

The QFCAP guidelines are currently being updated to reflect recent Act and Regulation amendments.

DSDIP RTI Release

Rf 51

Cloncurry Shire Council

38-46 Daintree Street
PO Box 3
CLONCURRY QLD 4824
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Website: www.cloncurry.qld.gov.au

Our Ref: *Cloncurry Water Treatment Plant/ Fluoridation of Water Supply*

17 JUL 2013
Received

12 July 2013

Ms Robbie Recoquillion
Senior Project Officer
Queensland Water Fluoridation Implementation Program
State Development, Infrastructure and Planning Queensland Government
PO Box 15009
CITY EAST QLD 4002

Dear Ms Recoquillion

CLONCURRY WATER TREATMENT PLANT FLUORIDATION PROJECT

As per your discussions with Council's officer, I wish to notify that on the 18 December 2012, Cloncurry Shire Council resolved not to proceed with the fluoridation of our public potable water supply. This decision was made following amendments made to the South East Queensland Water (Restructuring) and Other Legislation Amendment Bill 2012.

Council's expenses on the design and planning stages for the fluoridation amounted to $73.683.90 (ex GST) and Council now seeks reimbursement for this amount.

If you have any queries in respect of this matter please contact Council's Manager for Environmental Services, Shane Noon at this office.

Yours faithfully

Sch. 4(4)(6)

David Neeves
Chief Executive Officer

typo
$73 638 · 90
total of Supporting documents
RRecoo

DSDIP - RTI Release

RTI Document No. 255

Ref 52

Ref No: MBN13/61

DSDIP – BRIEF FOR DECISION	Date: 16 July 2013

SUBJECT: Approval of funds for Tablelands Regional Council under the Queensland Fluoridation Capital Assistance Program (QFCAP)

NOTED or APPROVED / NOT APPROVED

Sch. 4(4)(6)

Hon. Jeff Seeney MP
Deputy Premier, Minister for State Development, Infrastructure and Planning

Date: 17/7/13

RECOMMENDATIONS:

That you:

- **approve** funding up to a maximum of $31 991.64 (exclusive of GST) under the QFCAP for the Tablelands Regional Council for reimbursement of fluoridation concept design report (FCDR) costs for the Fluoridation of the Ravenshoe Water Treatment Plant (WTP) project
- **sign** the attached letter to Councillor Rosa Lee Long, Mayor of Tablelands Regional Council (**Attachment 1**)
- **note** that Mr David Edwards, Director-General, Department of State Development, Infrastructure and Planning (DSDIP) will write to Mr Ian Church Chief Executive Officer, of Tablelands Regional Council, to advise him of your decision.

BACKGROUND:

In order to assist Queensland local governments with the cost of implementing water fluoridation, DSDIP manages the QFCAP. QFCAP provides up to 100 per cent funding of eligible works for the lowest cost option for the safe provision of water fluoridation. The *Water Fluoridation Act 2008* (the Act) and the *Water Fluoridation Regulation 2008* (the Regulation) provide the legislative framework for the QFCAP.

The Act was amended by Parliament on 29 November 2012 and received assent on 5 December 2012. The amendments repealed the mandatory requirement for water supplies servicing greater than 1000 residents to be fluoridated. This required local governments to decide whether or not to proceed with water fluoridation based on the best interests of the community.

Council resolved its water fluoridation decision on 20 December 2012.

Please refer to background details of the QFCAP (**Attachment 2**).

KEY ISSUES:

In August 2010, Council prepared FCDRs as a prerequisite to assessing QFCAP funding for the Ravenshoe, Kuranda, Malanda and Mareeba projects. Council's FCDRs detail the project estimated cost, construction timelines, ongoing operational and maintenance costs and asset depreciation.

At this time, the Ravenshoe WTP was included in the FCDR because the site originally appeared in Schedule 1 of the Regulation as requiring to be fluoridated. However, the Ravenshoe WTP site was subsequently removed from Schedule 1 of the Regulation as it was determined the number of persons who would be receiving fluoridated water would be less than 1000.

On 30 July 2010, Council lodged an application with the former Department of Infrastructure and Planning for QFCAP funding.

Author details		Endorsed by:	Stuart Pickering DDG	Endorsed by:	David Edwards
Name:	Ian McFarland	Business Group:	Major Projects		Director-General
Position:	Director Major Projects	Telephone:	3247 3055	Telephone:	322 78451
Telephone:	3405 6482				

16/7

DSDIP Released

RTI Document No. 256

On 18 December 2012 Council provided DSDIP with a letter requesting reimbursement for the Ravenshoe WTP project as this water supply had previously been removed from the former Schedule 1 of the Regulation (**Attachment 3**).

On 20 December 2012, Council's minute resolution ADHOC-11 reads "*That Council resolve fluoride not be added to potable water supplies within the jurisdiction of Tablelands Regional Council*".

Council is eligible to access QFCAP funding to cover the cost of the preparation of the FCDR, however, the reimbursement amount does not require the standard contingency of 20 per cent to be applied, as reimbursement will be based on the actual amount spent on the project to date. All costs will be exclusive of GST.

DSDIP officers have been assessing financial supporting documents to substantiate and validate eligible expenditure for the Ravenshoe project totalling $31 991.64. DSDIP concurs with the Council's reimbursement request for costs incurred in the preparation of the FCDR in good faith (**Attachment 4**).

As with all QFCAP projects, in order to be reimbursed, the project requires a funding approval and an agreement with the State. Should you agree to approve QFCAP funds for this project, DSDIP officers will negotiate with Council to enter into a Financial Incentive Agreement.

At 1 July 2013, 88 projects had QFCAP funding approvals totalling $57.43 million. Savings from projects completed under budget total $1.43 million, leaving $2.64 million of QFCAP funding available to fund water fluoridation infrastructure. The approval of $31 991.64 (excluding GST) for the Fluoridation of the Ravenshoe WTP project being sought in this brief can be met from the $2.64 million remaining in the QFCAP budget.

RESULTS OF CONSULTATION:

The funding recommendations are supported by the Infrastructure Project Management Group.

DSDIP - RTI Release

RTI Document No. 257

Ref 53

Hon Jeff Seeney MP
Deputy Premier
Minister for State Development, Infrastructure and Planning

Queensland Government

Our ref: MBN 13/61

19 JUL 2013

Councillor Rosa Lee Long
Mayor
Tablelands Regional Council
PO Box 573
ATHERTON QLD 4883

Dear Councillor Lee Long

I refer to the Tablelands Regional Council's application of 18 December 2012 seeking funding under the Queensland Fluoridation Capital Assistance Program. I apologise for the delay in responding.

I am pleased to advise I have approved funding up to a maximum of $31,991.64 (GST exclusive) for the Fluoridation of the Ravenshoe Water Treatment Plant project. The funding is eligible expenditure reimbursement for the cost of preparing a fluoridation concept design report.

Mr David Edwards, Director-General, Department of State Development, Infrastructure and Planning has written to Mr Ian Church, Chief Executive Officer, Tablelands Regional Council, notifying him of the funding approval and will shortly provide Mr Church with details of a Financial Incentive Agreement that Council will be required to enter into in order to complete the funding approval process.

If you require any further information, Jeff Popp in my office will assist and can be contacted on 3224 4600.

Yours sincerely

Sch. 4(4)(6)

JEFF SEENEY MP
DEPUTY PREMIER
Minister for State Development, Infrastructure and Planning

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DSDIP RTI Release

RTI Document No. 258

Ref 54

Queensland Government

Department of
State Development, Infrastructure and Planning

Our ref: MBN13/61

19 JUL 2013

Mr Ian Church
Chief Executive Officer
Tablelands Regional Council
PO Box 573
ATHERTON QLD 4883

Dear Mr Church

I refer to the Tablelands Regional Council's application of 18 December 2012 seeking funding under the Queensland Fluoridation Capital Assistance Program. I apologise for the delay in responding.

I am pleased to advise that the Honourable Jeff Seeney MP, Deputy Premier, Minister for State Development, Infrastructure and Planning, has approved funding up to a maximum of $31 991.64 (GST exclusive) for the Fluoridation of the Ravenshoe Water Treatment Plant project. The funding is eligible expenditure reimbursement for the cost of preparing a fluoridation concept design report.

The Deputy Premier has also written to Councillor Rosa Lee Long, Mayor of Tablelands Regional Council, notifying her of the funding approval.

The Department of State Development, Infrastructure and Planning will contact you shortly with details of a Financial Incentive Agreement which Council will be required to enter into in order to complete the funding approval process. Information regarding the process for Council to seek reimbursement of project expenses will also be included in this letter.

If you require any further information, please contact Mr Bruce Redpath, Program Manager, on 3898 0450 or fluoride@dsdip.qld.gov.au, who will be pleased to assist.

Yours sincerely

Sch. 4(4)(6)

David Edwards
Director-General

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Website www.dsdip.qld.gov.au
ABN 29 230 178 530

DSDIP RTI Release

RTI Document No. 259

Rf 55

Attachment 2
Background Information relating to
the Queensland Fluoridation Capital Assistance Program

In December 2007, the Queensland Government introduced new legislation regarding the introduction of fluoride to Queensland's drinking water supplies. The *Water Fluoridation Act 2008* (the Act) requires an eligible Public Potable Water Supplier (PPWS) to implement fluoridation within the timeframe prescribed in the *Water Fluoridation Regulation 2008* (the Regulation). A relevant PPWS under the Act means a PPWS supplying potable water to at least 1000 members of the public.

Department of Health (DOH) administers the Act and subordinate legislation which establishes the implementation program and administrative and regulatory arrangements. DOH also sets the prescribed concentration of fluoride in drinking water and has primary responsibility once fluoridation plants become operational (following implementation). DOH has published and retains responsibility for the Water Fluoridation Code of Practice for the design and operation of fluoridation plants.

The Major Projects Office is leading the infrastructure implementation of the Queensland Water Fluoridation Program (QWFP) from 2008-2014.

The Infrastructure Project Management Group (IPMG) guides the implementation of water fluoridation by PPWSs (Councils and Water Boards). The departmentally managed IPMG contract professional technical services from two companies (Cardno Pty Ltd and Beca Pty Ltd), to ensure the safe implementation of the QWFP in accordance with the Act, supporting Regulation and codes, and to meet the implementation schedule as announced by the former Premier in December 2007.

QFCAP funding guidelines provide for funding of reasonable, lowest life cycle costs directly related to fluoridation. The proposed method of fluoride dosing must also conform to the Water Fluoridation Code of Practice. The Major Projects Office administers QFCAP and recommends QFCAP funding for each PPWS, based on recommendations of the IPMG.

The Queensland Government has allocated funding to QFCAP over a six year period, from 1 July 2008 to 30 June 2014, to assist each PPWS outside South East Queensland to safely implement fluoridation of regulated water supplies. Normally, fluoride dosing infrastructure will be funded at the rate of 100 per cent. However, there will be some instances where 100 per cent funding is not applied, such as:

- where the PPWS has opted to utilise infrastructure or equipment which is not the lowest cost option for the safe delivery of fluoride (as advised by the IPMG);
- where the PPWS has decided to undertake a fluoride delivery method, which, in the opinion of the IPMG professional technical review team, is not the lowest cost option for the safe delivery of fluoride;
- where the PPWS has included works which are not associated with the safe delivery of fluoride (e.g. replacement of existing parts);
- where the PPWS is receiving other State or Federal Government funding towards the project.

Each PPWS (defined by the Act) listed in Schedule 1 of the Regulation, outside South East Queensland, is an eligible applicant for QFCAP funding.

DSDIP RTI Release

RTI Document No. 260

QFCAP provides funding towards capital works associated with the design and installation of fluoridation infrastructure. Eligible works include design, construction and commissioning and initial plant operator training.

Recurrent costs associated with operations and maintenance are excluded, apart from an allowance for the first three years provided to Indigenous communities which have implemented fluoridation under QFCAP.

Amendments to the Act repealing the mandatory requirement for water supplies servicing greater than 1000 residents to be fluoridated were debated and passed by Parliament on 29 November 2012, receiving assent on 5 December 2012. The amendments require local governments to decide whether or not to fluoridate based on the best interests of the community.

To accompany the amendments to the Act, the Regulation has been amended to remove Schedule 1 of the Regulation. Schedule 1 listed the water supplies to be fluoridated and the dates before which fluoride must be added to a water supply. Regulation amendments were passed by the Governor in Council on 20 December 2012.

PPWS that have expended funding on fluoridation in good faith, when fluoridation was mandatory, but decide not to continue with fluoridation or cease dosing fluoride, will be reimbursed eligible costs for fluoridation.

The QFCAP will continue until 30 June 2014, to enable PPWS sufficient time to submit reimbursement claims due to:

- community consultation, where untaken, to assist local governments in the decision making process,
- contract negotiation where PPWS pull out of a construction contract;
- delay in commencement of fluoridation infrastructure, for those that decide to continue implementation of fluoridation, while PPWS awaited Act amendments.

With the removal of Schedule 1 of the Regulation any PPWS, regardless of population serviced, will be eligible to apply for funding under the QFCAP for fluoridation infrastructure, where the Council makes the decision to fluoridate. Payment claims will need to be finalised prior to the completion of QFCAP in June 2014.

The QFCAP guidelines are currently being updated to reflect recent Act and Regulation amendments.

DSDIP RTI Release

Rec'd

Ref 56

Ref No: MBN13/116

DSDIP – BRIEF FOR DECISION | Date: 8 July 2013

SUBJECT: Approval of funds for Barcaldine Regional Council under the Queensland Fluoridation Capital Assistance Program (QFCAP)

NOTED or APPROVED/NOT APPROVED

Sch. 4(4)(6)

Hon. Jeff Seeney MP
Deputy Premier, Minister for State Development, Infrastructure and Planning

Date: 10/7/13

RECOMMENDATIONS:

That you:

- **approve** funding up to a maximum of $27 617.27 (exclusive of GST) under QFCAP to Barcaldine Regional Council for reimbursement of fluoridation concept design report (FCDR) costs for the 'Fluoridation of Acacia Street Bore and Pomona Street Bore' project
- **sign** the attached letter to Councillor Robert Chandler, Mayor, Barcaldine Regional Council (**Attachment 1**)
- **note** that Mr David Edwards, Director-General, Department of State Development, Infrastructure and Planning (DSDIP), will write to Mr Des Howard, Chief Executive Officer, Barcaldine Regional Council, to advise him of your decision.

BACKGROUND:

In order to assist Queensland local governments with the cost of implementing water fluoridation, DSDIP manages QFCAP. QFCAP provides up to 100 per cent funding of eligible works for the lowest cost option for the safe provision of water fluoridation. The *Water Fluoridation Act 2008* and the *Water Fluoridation Regulation 2008* provide the legislative framework for QFCAP.

The Act was amended by Parliament on 29 November 2012 and received assent on 5 December 2012. The amendments repealed the mandatory requirement for water supplies servicing greater than 1000 residents to be fluoridated. This required local governments to decide whether or not to proceed with water fluoridation based on the best interests of the community. Council resolved its final water fluoridation decision on 19 December 2012.

Please refer to background details of QFCAP (**Attachment 2**).

KEY ISSUES:

An earlier version of the Regulation required council to commence fluoride dosing into the Acacia Street Bore and Pomona Street Bore by 31 December 2011. On 19 September 2011, council submitted a FCDR to DSDIP as a prerequisite to assessing QFCAP funding. The FCDR detailed the project's estimated cost, construction timelines, ongoing operational and maintenance costs and asset depreciation.

On 3 November 2010, DSDIP officers met with council to discuss the requirement to meet regulatory obligations under the Act and Regulation and to inform council of funding available under QFCAP.

On 12 September 2011, council lodged an application with DSDIP for QFCAP funding.

On 24 August 2011, council applied to Queensland Health (QH) seeking an exemption under section 8 of the Act from the requirement to implement fluoridation and the application was forwarded to the Queensland Fluoridation Committee for consideration.

Author details: Ian McFarland Position: Director - Major Projects Telephone: 3405 6482	Endorsed by: Stuart Pickering DDG Business Group: Major Projects Office Telephone: 3247 3055	Endorsed by: David Edwards Director-General Telephone: 3227 8451

8/7/13

DSDIP - RTI Release

RTI Document No. 262

On 2 April 2012, DSDIP received a letter from QH advising that the 'Fluoridation of Acacia Street Bore and Pomona Street Bore' project were included in a submission (where there were obstacles to safe fluoridation) being prepared for the incoming Health Minister.

On 8 June 2012, council received a letter from QH advising the 'Fluoridation of Acacia Street Bore and Pomona Street Bore' project had been removed from the implementation timeframe and that the proposed fluoridation would only require implementation at a time when the Health Minister considered it appropriate to proceed (**Attachment 3**).

DSDIP officers instigated processes to reimburse council for eligible expenditure incurred in the FCDR process in May 2013. This was as a result of a series of fluoridation related phone calls where council officers confirmed the QH fluoridation exemption and advised that the bore projects would not be constructed.

On 28 May 2013, council provided DSDIP with a letter covering the council resolution not to fluoridate and evidence from its financial database to substantiate $27 779.09 spent on the FCDR in good faith (**Attachment 4**). Council subsequently revised their claim amount to $27 617.27 after removing accommodation expenses.

Council is eligible to access QFCAP funding to cover the cost of the preparation of the FCDR. The reimbursement amount does not require the standard contingency of 20 per cent to be applied, as the costs are based on the actual amount spent on the project to date.

DSDIP officers have assessed council's evidence of eligible fluoridation expenses and council's request for reimbursement totalling $27 617.27 for this project and concurs with council's reimbursement request. All costs are exclusive of GST.

As with all QFCAP projects, in order to be reimbursed, the project requires a funding approval and an agreement with the state. Should you agree to approve QFCAP funds for this project, DSDIP officers will negotiate with council to enter into a Financial Incentive Agreement.

At 1 July 2013, 88 projects had QFCAP funding approvals totalling $57.43 million. Savings from projects completed under budget total $1.43 million, leaving $2.64 million of QFCAP funding available to fund water fluoridation infrastructure. The approval of $27 617.27 (excluding GST) for the 'Fluoridation of Acacia Street Bore and Pomona Street Bore' project being sought in this brief can be met from the $2.64 million remaining in the QFCAP budget.

CONSULTATION:

The funding recommendations were determined in consultation with the Infrastructure Project Management Group for fluoride, and DSDIP officers.

RIGHT TO INFORMATION: Contents/attachments suitable for publication ☒ Yes ☐ No

DSDIP - RTI Release

RTI Document No. 263

Rf 57

Hon Jeff Seeney MP
Deputy Premier
Minister for State Development, Infrastructure and Planning

Our ref: MBN 13/116

12 JUL 2013

Councillor Robert Chandler
Mayor
Barcaldine Regional Council
PO Box 191
BARCALDINE QLD 4725

Dear Councillor Chandler

I refer to Barcaldine Regional Council's application of 28 May 2013 seeking funding under the Queensland Fluoridation Capital Assistance Program. I apologise for the delay in responding.

I am pleased to advise I have approved funding up to a maximum of $27 617.27 (GST exclusive) for the 'Fluoridation of Acacia Street Bore and Pomona Street Bore' project. The funding is eligible expenditure reimbursement for the cost of preparing a fluoridation concept design report.

The Department of State Development, Infrastructure and Planning has written to Mr Des Howard, Chief Executive Officer, Barcaldine Regional Council, notifying him of the funding approval and will shortly provide Mr Howard with details of a Financial Incentive Agreement that Council will be required to enter into in order to complete the funding approval process.

If you require any further information, Jeff Popp in my office will assist and can be contacted on 3224 4600.

Yours sincerely

Sch. 4(4)(6)

JEFF SEENEY MP
DEPUTY PREMIER
Minister for State Development, Infrastructure and Planning

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DSDIP - RTI Release

RTI Document No. 264

Rf 58

Queensland Government

Department of
State Development, Infrastructure and Planning

Our ref: MBN13/116

12 JUL 2013

Mr Des Howard
Chief Executive Officer
Barcaldine Regional Council
PO Box 191
BARCALDINE QLD 4725

Dear Mr Howard

I refer to Barcaldine Regional Council's application for funding under the Queensland Fluoridation Capital Assistance Program.

I am pleased to advise the Honourable Jeff Seeney MP, Deputy Premier, Minister for State Development, Infrastructure and Planning has approved funding up to a maximum of $27 617.27 (GST exclusive) for the 'Fluoridation of Acacia Street Bore and Pomona Street Bore' project. The funding is eligible expenditure reimbursement for the cost of preparing a fluoridation concept design report.

The Deputy Premier has also written to Councillor Robert Chandler, Mayor, Barcaldine Regional Council, notifying him of the funding approval.

The Department of State Development, Infrastructure and Planning will contact you shortly with details of a Financial Incentive Agreement which council will be required to enter into in order to complete the funding approval process. Information regarding the process for council to seek reimbursement of eligible project expenses will also be included in this letter.

If you require any further information, please contact Bruce Redpath, Program Manager on 3898 0450 or fluoride@dsdip.qld.gov.au, who will be pleased to assist.

Yours sincerely

Sch. 4(4)(6)

David Edwards
Director-General

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DSDIP RTI Release

RTI Document No. 265

Ref 59

Attachment 2

Background information relating to the Queensland Fluoridation Capital Assistance Program

In December 2007, the Queensland Government introduced new legislation regarding the introduction of fluoride to Queensland's drinking water supplies. The *Water Fluoridation Act 2008* requires an eligible Public Potable Water Supplier (PPWS) to implement fluoridation within the timeframe prescribed in the *Water Fluoridation Regulation 2008*. A relevant PPWS under the Act means a PPWS supplying potable water to at least 1000 members of the public.

Queensland Health (QH) administers the Act and subordinate legislation which establishes the implementation program and administrative and regulatory arrangements. QH also sets the prescribed concentration of fluoride in drinking water and has primary responsibility once fluoridation plants become operational (following implementation). QH has published and retains responsibility for the Water Fluoridation Code of Practice for the design and operation of fluoridation plants.

The Major Projects Office is leading the infrastructure implementation of the Queensland Water Fluoridation Program (QWFP) from 2008-2014.

The Infrastructure Project Management Group (IPMG) guides the implementation of water fluoridation by PPWSs (councils and Water Boards). The departmentally managed IPMG contract professional technical services from two companies (Cardno Pty Ltd and Beca Pty Ltd), to ensure the safe implementation of the QWFP in accordance with the Act, supporting Regulation and codes, and to meet the implementation schedule as announced by the former Premier in December 2007.

Queensland Fluoridation Capital Assistance Program (QFCAP) funding guidelines provide for funding of reasonable, lowest life cycle costs directly related to fluoridation. The proposed method of fluoride dosing must also conform to the Water Fluoridation Code of Practice. The Major Projects Office administers QFCAP and recommends QFCAP funding for each PPWS, based on recommendations of the IPMG.

The Queensland Government has allocated funding to QFCAP over a six year period, from 1 July 2008 to 30 June 2014, to assist each PPWS outside South East Queensland to safely implement fluoridation of regulated water supplies. Normally, fluoride dosing infrastructure will be funded at the rate of 100 per cent. However, there will be some instances where 100 per cent funding is not applied, such as:

- where the PPWS has opted to utilise infrastructure or equipment which is not the lowest cost option for the safe delivery of fluoride (as advised by the IPMG)
- where the PPWS has decided to undertake a fluoride delivery method, which, in the opinion of the IPMG professional technical review team, is not the lowest cost option for the safe delivery of fluoride
- where the PPWS has included works which are not associated with the safe delivery of fluoride (e.g. replacement of existing parts)

DSDIP RTI Release

RTI Document No. 266

- where the PPWS is receiving other state or federal government funding towards the project.

Each PPWS (defined by the Act) listed in Schedule 1 of the Regulation, outside South East Queensland, is an eligible applicant for QFCAP funding.

QFCAP provides funding towards capital works associated with the design and installation of fluoridation infrastructure. Eligible works include design, construction and commissioning and initial plant operator training.

Recurrent costs associated with operations and maintenance are excluded, apart from an allowance for the first three years provided to Indigenous communities which have implemented fluoridation under QFCAP.

Amendments to the Act repealing the mandatory requirement for water supplies servicing greater than 1000 residents to be fluoridated were debated and passed by Parliament on 29 November 2012, receiving assent on 5 December 2012. The amendments require local governments to decide whether or not to fluoridate based on the best interests of the community.

To accompany the amendments to the Act, the Regulation has been amended to remove Schedule 1 of the Regulation. Schedule 1 listed the water supplies to be fluoridated and the dates before which fluoride must be added to a water supply. Regulation amendments were passed by the Governor in Council on 20 December 2012.

PPWS that have expended funding on fluoridation in good faith, when fluoridation was mandatory, but decide not to continue with fluoridation or cease dosing fluoride, will be reimbursed eligible costs for fluoridation.

QFCAP will continue until 30 June 2014, to enable PPWS sufficient time to submit reimbursement claims due to:

- community consultation, where untaken, to assist local governments in the decision making process
- contract negotiation where PPWS pull out of a construction contract
- delay in commencement of fluoridation infrastructure, for those that decide to continue implementation of fluoridation, while PPWS awaited Act amendments.

With the removal of Schedule 1 of the Regulation any PPWS, regardless of population serviced, will be eligible to apply for funding under QFCAP for fluoridation infrastructure, where the council makes the decision to fluoridate. Payment claims will need to be finalised prior to the completion of QFCAP in June 2014.

QFCAP guidelines are currently being updated to reflect recent Act and Regulation amendments.

DSDIP RTI Release

RTI Document No. 267

Ref 60

Queensland Government

Queensland Health

Mr Des Howard
Chief Executive Officer
Barcaldine Regional Council
PO Box 191
BARCALDINE QLD 4725

Dear Mr Howard

The Water Fluoridation Act 2008 requires all public potable water supplies supplying 1,000 or more people to implement water fluoridation within a timeframe specified within Schedule 1 of the Water Fluoridation Regulation 2008.

Roll out of the Queensland Water Fluoridation Program has progressed well to date with over 87% of Queenslander now having access to fluoridated water.

The Minister for Health, Mr Lawrence Springborg, has acknowledged that a small minority of the public potable water supplies remaining to be fluoridated face significant public health and/or infrastructure issues which may hamper the implementation of fluoridation. The following scheme, operated by the Barcaldine Regional Council is considered within this minority:

Acacia St Bore and Pomona St Bore

The requirement under the Act to fluoridate the drinking water supply specified above remains, however, the Minister has granted approval for the current timeframe by which fluoridation must be implemented to be removed. Removal of this timeframe will allow Council an opportunity to address any public health, water chemistry and/or infrastructure issues faced by the water supply prior to implementing fluoridation at a later date.

It is proposed that fluoridation will only require implementation at the drinking water supply specified above at a time when the Minister considers it appropriate to proceed.

As you may know, the Queensland Fluoridation Capital Assistance Program (QFCAP) (administered by the Department of State Development, Infrastructure and Planning) concludes on 30 June 2013. This means that if fluoridation were to proceed at the Acacia St Bore and Pomona St Bore in the future, funding assistance for the capital costs associated

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DSDIP - RTI Release

RTI Document No. 268

with implementation of fluoride dosing infrastructure would have to be addressed via new a funding approval.

Should you have any queries regarding this matter or if for any reason you do not wish the timeframe for the implementation of fluoridation for the supply listed above to be removed please contact me via telephone 332 89345.

Please note that this proposed regulatory amendment will not be impacted by the outcome of your "exemption from the requirement to fluoridate" application currently being considered by the Minister, as this relates to a separate provision within the Water Fluoridation Act. In other words, even if your exemption application is unsuccessful, the timeframe for implementation of fluoridation will still be removed from the Regulation.

Yours sincerely

Sch. 4(4)(6)

Dr Greg Jackson
Director – Water Quality Unit
08/06/12

cc.
Mr Mike Donald, Manager of Engineering Services, Barcaldine Regional Council

Craig Edmonds, Director – Queensland Fluoridation Implementation Program, Department of State Development, Infrastructure and Planning

DSDIP - RTI Release

RTI Document No. 269

BARCALDINE
REGIONAL COUNCIL

All correspondence to be addressed to the
Chief Executive Officer
PO Box 191
BARCALDINE QLD 4725
www.barcaldinerc.qld.gov.au

Received
- 5 JUN 2013

MGD:MGD

28 May 2013

Michael Norris
State Development, Infrastructure & Planning
Water Fluoridation Program
Level 7
63 George Street
PO Box 15009
City East
BRISBANE QLD 4002

Dear Michael

BARCALDINE REGIONAL COUNCIL - Notification of Council Decision not to add Fluoride.

Council has decided not to add fluoride to the water supplied to any communities within the Barcaldine Regional Council area.

The Original decision was taken at the Council meeting held in Muttaburra on 15 August 2012, where advice given to Council, was that the Council opt out of the requirement to add fluoride to the Barcaldine Water. Below is an extract of the minutes of that meeting.

3.3.5 Water Fluoridation

Summary: *The Water Fluoridation Act 2008 and the Water Fluoridation regulations 2008 require a water service provider to fluoridate any public potable water supply servicing over 1,000 persons.*

Resolution: 2012/08/214 **Moved Cr Bettiens** **Seconded Cr Peoples**
That Council "opt out of water fluoridation".

Carried
Unanimous

It should be noted that the full meeting minutes are available on Council web site.

Following the meeting a letter was sent to the Director of Water Quality, Queensland Health on 18 October 2012, advising them of the decision. A copy of the letter is attached.

With the changes in the act and following further consultation and advice, the a decision was made by Council not to add fluoride to water supplied to any of the communities within the Barcaldine Regional Council area. This decision was taken at the Council meeting held in Barcaldine on 19 December 2012. Below is an extract from the minutes of the meeting:

DSDIP RTI Release

RTI Document No. 270

3.1.9 Water Fluoridation

Summary: *From the Chief Executive Officer advising that recent changes in State Legislation allows Councils to decide whether or not to fluoridate their local water supplies.*

Resolution: 2012/12/344 **Moved Cr Peoples** **Seconded Cr Mitchell**
That Council not proceed with fluoridation of water supplies in any of its communities at this time.

Carried
Unanimous

Reimbursement of Costs

Council had commenced the process of implementing fluoridation as required by the *Water Fluoridation Act 2008* and the *Water Fluoridation regulations 2008* where service providers were required to fluoridate any public potable water supply servicing over 1,000 persons.

In November 2010 Council proceeded with the concept design report (resolution 2010/11/378). The concept design report was carried out by SKM who were selected through the tender process after tenders were called for from approved suppliers. The concept design report was adopted by Council (resolution 2011/8/239) and subsequently forwarded to IPMG who inturn had the report reviewed by Beca Pty Ltd.

An application for Queensland Fluoridation Capital Assistance Program (QFCAP) was submitted to the now defunct Department of Infrastructure & Planning on 12 September 2011. Council did not receive a reply from this application.

Council are thus seeking reimbursement for the costs to date regarding fluoridation. This amounts to $27,779.09 (excl. GST) and is made up as follows:

George Bourne & Associates	$ 270.00	(Tender for the design report)
SKM	$27,347.27	(Concept design report/exemption report)
Barcaldine Country Motor inn	$ 161.82	(Accommodation for SKM engineer) Removed
Total	$27,779.09	

Attached is a job cost printout to substantiate the claim. $27617.27

Should you have any queries in relation to this matter, please contact Mr Mike Donald, Manager of Engineering Services on 4651 5631 or miked@barcaldinerc.qld.gov.au

Yours faithfully,

Sch. 4(4)(6)

D A Howard
Chief Executive Officer

ALPHA OFFICE
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Fax: 07 4985 1162

ARAMAC OFFICE
Phone: 07 4652 9999
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BARCALDINE OFFICE
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DSDIP RTI Release

RTI Document No. 271

Ref 61

Received

22 OCT 2013

ESU

Ref No: MBN13/180

DSDIP – BRIEF FOR DECISION	Date: 16 October 2013

NOTED / APPROVED / NOT APPROVED

Sch. 4(4)(6)

Hon. Jeff Seeney MP
Deputy Premier, Minister for State Development, Infrastructure and Planning

Date: 16/10/13

SUBJECT: Approval of funds for Burdekin Shire Council under the Queensland Fluoridation Capital Assistance Program.

RECOMMENDATIONS:

That you:

- **approve** funding up to a maximum of $9 919.74 (excluding GST) under the Queensland Fluoridation Capital Assistance Program (QFCAP) to Burdekin Shire Council (council) for expenditure incurred to date on the 'Fluoridation of the Home Hill Bore 9 and Home Hill Bore 10' project including the preparation of a fluoridation concept design report
- **sign** the attached letter to Councillor Bill Lowis, Mayor of Burdekin Shire Council (**Attachment 1**)
- **note** that Mr David Edwards, Director-General, Department of State Development, Infrastructure and Planning (DSDIP), will write to Mr Ken Holt, Chief Executive Officer, of council to advise him of your decision.

BACKGROUND:

In order to assist Queensland local governments with the cost of implementing water fluoridation, DSDIP manages the QFCAP. QFCAP provides up to 100 per cent funding of eligible works for the lowest cost option for the safe provision of water fluoridation. The *Water Fluoridation Act 2008* (the Act) and the *Water Fluoridation Regulation 2008* (the Regulation) provide the legislative framework for the QFCAP.

The Act was amended by Parliament on 29 November 2012 and received assent on 5 December 2012. The amendments repealed the mandatory requirement for water supplies servicing greater than 1000 residents to be fluoridated. This now requires local governments to decide whether or not to proceed with fluoridation based on the best interests of the community.

Please refer to background details of QFCAP (**Attachment 2**).

KEY ISSUES:

Prior to the latest amendments of the Act and Regulation, council was required to commence fluoride dosing at Bores 9 and 10 servicing the township of Home Hill by 31 December 2012. As a condition of QFCAP funding, council prepared a fluoridation concept design report (FCDR) for the project sites. The FCDR identified an estimated cost of $647 534.00 excluding contingencies for this project.

The Infrastructure Project Management Group (IPMG) reviewed the council's FCDR during March and April 2012 and recommended the project could be safely implemented at a lower cost. The IPMG therefore recommended QFCAP funding for this project at $617 534.00 (excluding contingencies) and DSDIP concurred with the IPMG's assessment.

Author details		Endorsed by:	Stuart Pickering DDG	Endorsed by:	David Edwards
Name:	Ian McFarland	Business Group:	Major Projects	Position:	Director-General
Position:	Major Projects	Telephone:	3247 3055	Telephone:	3227 8451
Telephone:	3405 6482				

FOR

Sch. 4(4)(6)

16/10/13

DSDIP RTI Release

RTI Document No. 272

In May 2012, a briefing note recommending QFCAP funding for council was prepared for your consideration. This brief was placed on hold along with other QFCAP funding briefs, while Department of Health prepared Act amendment proposals for debate in Parliament in relation to water fluoridation. Council was advised at this time that their QFCAP project funding approval recommendation would be placed on hold.

On 12 February 2013, council resolved to not add fluoride to its water supplies. Following this advice, council officers advised DSDIP they would not continue with any water fluoridation works beyond the $9 919.74 (excluding GST) incurred to date for the Home Hill Bore 9 and Home Hill Bore 10 projects.

In March 2013, DSDIP contacted council officers to discuss the requirements to close out this project in addition to council's four other previously approved QFCAP funded projects.

In April 2013, the council supplied DSDIP with preliminary figures on the expenditure incurred on the project. These figures were not however, substantiated by any evidence from councils finance systems. DSDIP officers remained in contact with council throughout this period however it was not until 23 September 2013 that the council was able to furnish the necessary information to substantiate a valid expenditure reimbursement claim. Council's financial information for this project has now been assessed and the amount of $9 919.74 (excluding GST) is recommended for your approval.

Should you agree to approve QFCAP funds for this project, the council will be required to enter into a Financial Incentive Agreement with the State.

As at 10 October 2013, 92 projects had received QFCAP funding approvals totalling $58.19 million. While the QFCAP budget is $58.65 million, savings from projects completed under budget total $8.20 million, leaving $8.66 million of QFCAP funding available to fund water fluoridation infrastructure projects.

The approval of $9 919.74 (excluding GST) for the 'Fluoridation of the Home Hill Bore 9 and Home Hill Bore 10' project being sought in this brief can be met from the $8.66 million remaining in the QFCAP budget.

RESULTS OF CONSULTATION:

The funding recommendations were determined in consultation with the IPMG and DSDIP officers.

DSDIP - RTI Release

RTI Document No. 273

Rf62

Hon Jeff Seeney MP
Deputy Premier
Minister for State Development, Infrastructure and Planning

Queensland Government

Our ref: MBN13/180

18 OCT 2013

Councillor Bill Lowis
Mayor
Burdekin Shire Council
PO Box 974
AYR QLD 4807

Dear Councillor Lowis

I refer to Burdekin Shire Council's request for funding under the Queensland Fluoridation Capital Assistance Program.

Following assessment of information provided on 27 September 2013, I am pleased to advise I have approved funding up to a maximum of $9 919.74 (GST exclusive) for the Fluoridation of the Home Hill Bore 9 and Home Hill Bore 10 project. The funding is towards eligible expenditure reimbursement for the cost of preparing a fluoridation concept design report.

Mr David Edwards, Director-General, Department of State Development, Infrastructure and Planning, will write to Mr Ken Holt, Chief Executive Officer, Burdekin Shire Council, notifying him of the funding approval and will shortly provide Mr Holt with details of a Financial Incentive Agreement that council will be required to enter into in order to complete the funding approval process.

If you require any further information, Jeff Popp in my office will assist and can be contacted on 3224 4600.

Yours sincerely

Sch. 4(4)(6)

JEFF SEENEY MP
DEPUTY PREMIER
Minister for State Development, Infrastructure and Planning

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DSDIP RTI Release

RTI Document No. 274

Ref 63

Queensland Government

Department of
State Development, Infrastructure and Planning

Our ref: MBN13/180

22 OCT 2013

Mr Ken Holt
Chief Executive Officer
Burdekin Shire Council
PO Box 974
AYR QLD 4807

Dear Ken Holt

I refer to the Burdekin Shire Council application for funding under the Queensland Fluoridation Capital Assistance Program.

I am pleased to advise the Honourable Jeff Seeney MP, Deputy Premier, Minister for State Development, Infrastructure and Planning, has approved funding up to a maximum of $9 919.74 (excluding GST) for the Fluoridation of the Home Hill Bore 9 and Home Hill Bore 10 project. The funding is for eligible expenditure reimbursement for the cost of preparing a fluoridation concept design report.

The Deputy Premier has also written to Councillor Bill Lowis, Mayor of Burdekin Shire Council, notifying him of the funding approval.

The Department of State Development, Infrastructure and Planning (DSDIP) will contact you shortly with details of a Financial Incentive Agreement which council will be required to enter into in order to complete the funding approval process. Information regarding the process for council to seek reimbursement of project expenses will also be included with this letter.

If you require any further information, please contact Mr Bruce Redpath, Program Manager, Major Projects Office, DSDIP, on 3898 0450 or Bruce.Redpath@dsdip.qld.gov.au, who will be pleased to assist.

Yours sincerely

Sch. 4(4)(6)

David Edwards
Director-General

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DSDIP RTI Release

RTI Document No. 275

Attachment 2
Background Information relating to
the Queensland Fluoridation Capital Assistance Program

In December 2007, the Queensland Government introduced new legislation regarding the introduction of fluoride to Queensland's drinking water supplies. The *Water Fluoridation Act 2008* (the Act) requires an eligible Public Potable Water Supplier (PPWS) to implement fluoridation within the timeframe prescribed in the *Water Fluoridation Regulation 2008* (the Regulation). A relevant PPWS under the Act means a PPWS supplying potable water to at least 1000 members of the public.

Department of Health (DOH) administers the Act and subordinate legislation which establishes the implementation program and administrative and regulatory arrangements. DOH also sets the prescribed concentration of fluoride in drinking water and has monitoring responsibility once fluoridation plants become operational (following implementation). DOH has published and retains responsibility for the Water Fluoridation Code of Practice for the design and operation of fluoridation plants.

The Major Projects Office is leading the infrastructure implementation of the Queensland Water Fluoridation Program (QWFP) from 2008-2014.

The Infrastructure Project Management Group (IPMG) guides the implementation of water fluoridation by PPWSs (Councils and Water Boards). The departmentally managed IPMG contracts professional technical services from two companies (Cardno Pty Ltd and Beca Pty Ltd), to ensure the safe implementation of the QWFP in accordance with the Act, supporting Regulation and codes, and to meet the implementation schedule as announced by the former Premier in December 2007.

QFCAP funding guidelines provide for funding of reasonable, lowest life cycle costs directly related to fluoridation. The proposed method of fluoride dosing must also conform to the Water Fluoridation Code of Practice. The Major Projects Office administers QFCAP and recommends QFCAP funding for each PPWS, based on recommendations of the IPMG.

The Queensland Government has allocated funding to QFCAP over a six-year period, from 1 July 2008 to 30 June 2014, to assist each PPWS outside South East Queensland to safely implement fluoridation of regulated water supplies. Normally, fluoride dosing infrastructure will be funded at the rate of 100 per cent. However, there will be some instances where 100 per cent funding is not applied, such as:

- where the PPWS has opted to utilise infrastructure or equipment which is not the lowest cost option for the safe delivery of fluoride (as advised by the IPMG);
- where the PPWS has decided to undertake a fluoride delivery method, which, in the opinion of the IPMG professional technical review team, is not the lowest cost option for the safe delivery of fluoride;
- where the PPWS has included works which are not associated with the safe delivery of fluoride (e.g. replacement of existing parts); or
- where the PPWS is receiving other State or Federal Government funding towards the project.

Each PPWS (defined by the Act) listed in Schedule 1 of the Regulation, outside South East Queensland, is an eligible applicant for QFCAP funding.

DSDIP Release

RTI Document No. 276

QFCAP provides funding towards capital works associated with the design and installation of fluoridation infrastructure. Eligible works include design, construction and commissioning and initial plant operator training.

Recurrent costs associated with operations and maintenance are excluded, apart from an allowance for the first three years provided to Indigenous communities which have implemented fluoridation under QFCAP.

Amendments to the Act repealing the mandatory requirement for water supplies servicing greater than 1000 residents to be fluoridated were debated and passed by Parliament on 29 November 2012, receiving assent on 5 December 2012. The amendments require local governments to decide whether or not to fluoridate based on the best interests of the community.

To accompany the amendments to the Act, the Regulation has been amended to remove Schedule 1 of the Regulation. Schedule 1 listed the water supplies to be fluoridated and the dates before which fluoride must be added to a water supply. Regulation amendments were passed by the Governor in Council on 20 December 2012.

PPWS that have expended funding on fluoridation in good faith, when fluoridation was mandatory, but decide not to continue with fluoridation or cease dosing fluoride, will be reimbursed eligible costs for fluoridation.

The QFCAP will continue until 30 June 2014, to enable PPWS sufficient time to submit reimbursement claims due to:

- community consultation, where undertaken, to assist local governments in the decision making process;
- contract negotiation where PPWS pull out of a construction contract; or
- delays in commencement of fluoridation infrastructure, for those that decide to continue implementation of fluoridation, while PPWS awaited Act amendments.

With the removal of Schedule 1 of the Regulation any PPWS, regardless of population serviced, will be eligible to apply for funding under the QFCAP for fluoridation infrastructure, where the Council makes the decision to fluoridate. Payment claims will need to be finalised prior to the completion of QFCAP in June 2014.

The QFCAP guidelines are currently being updated to reflect recent Act and Regulation amendments.

DSDIP RTI Release

RTI Document No. 277

Rf 65

Received

-4 JUL 2014

ESU

Ref No: MBN14/685

DSDIP – BRIEF FOR DECISION	Date: 23 June 2014

SUBJECT: Request for a variation to a Financial Incentive Agreement for funds approved under the Queensland Fluoridation Capital Assistance Program

NOTED or APPROVED/~~NOT APPROVED~~

Sch. 4(4)(6)

~~Hon.~~ Jeff Seeney MP
Deputy Premier, Minister for State Development, Infrastructure and Planning

Date: 30/7/14.

RECOMMENDATION:

That you:

- **approve** the variation to the Financial Incentive Agreement between the State and Mackay Regional Council
- **note** the Director-General will sign a letter to the Chief Executive Officer of Mackay Regional Council (**Attachment 1**) advising the variation has been approved.

BACKGROUND:

On 26 September 2013, you approved a maximum funding of ~~$621~~ 480.00 (excluding GST) for Mackay Regional Council's (council) fluoridation of the Marian Water Treatment Plant (WTP) project.

Funding was approved under the Queensland Fluoridation Capital Assistance Program (QFCAP) and was to reimburse the council for eligible expenses incurred in constructing water fluoridation infrastructure at the new Marian WTP.

On 9 December 2013, a Financial Incentive Agreement (the Agreement) was executed between council and the State of Queensland for the project. The Agreement has a current end date of 30 June 2014. This is the date by which council was to have completed all construction works and claimed all expenditure for the approved project.

The QFCAP funding ceases on 30 June 2014.

KEY ISSUES:

In April 2013, council raised the possibility that installation and commissioning of the fluoridation equipment may not coincide with the 30 June 2014 close out of the QFCAP program. You responded on 6 May 2013 (**Attachment 2**) with advice that the Department of State Development, Infrastructure and Planning (DSDIP) would work collaboratively with council in relation to satisfying requirements and facilitating payments.

On 18 June 2014, council verbally requested from DSDIP an extension of time to the end date of the Agreement. Council requested the end-date of the Agreement be extended to 30 September 2014, as it has encountered slight delays in constructing the WTP and this has had an adverse effect on the construction of the water fluoridation plant.

QFCAP funding ceases on 30 June 2014.

Council has claimed and been reimbursed $131 686.90 of the approved funds of $621 480.00 (excluding GST), leaving $489 793.10 to be claimed against the project.

Author details		Endorsed by:	Stuart Pickering DDG	Endorsed by:	Colin Cassidy
Name:	Ian McFarland	Business Group:	Major Projects	Position:	Acting Director-General
Position:	Major Projects	Telephone:	3452 7781	Telephone:	3227 8451
Telephone:	3452 7766	Approved:	23 June 2014		

Sch. 4(4)(6)

23/6/14

DSDIP - RTI Release

RTI Document No. 278

Resources are available within the Major Projects Office (MPO) to extend the timeframe and finalise this project by 30 September 2014.

MPO officers have consulted with the DSDIP Financial Services about extending the reimbursement period for QFCAP payment for this project and have been advised there are no insurmountable problems in finalising the project beyond 30 June 2014.

Queensland Health (QH) and MPO DSDIP officers support the council's request.

MPO officers recommend the requested extension of time for the funding be granted.

Under the DSDIP financial delegations effective December 2013, Ministerial approval is required for variations to approved Agreements.

The Director-General's letter to council's Chief Executive Officer is sufficient to effect the variations to the agreement. A new, signed agreement is not required.

RESULTS OF CONSULTATION:

DSDIP has consulted with DSDIP Financial Service and QH regarding the variation. QH supports the variations requested by council.

DSDIP - RTI Release

Ref 67

Queensland Government

Department of
State Development, Infrastructure and Planning

Our ref: MBN14/685

7 JUL 2014

Mr Barry Omundson
Chief Executive Officer
Mackay Regional Council
PO Box 41
MACKAY QLD 4740

Dear Mr Omundson

I refer to Mackay Regional Council's (council) verbal request for a variation to the Financial Incentive Agreement (the Agreement) between the State of Queensland and council for the Fluoridation of the Marian Water Treatment Plant project. This project received a funding approval under the Queensland Fluoridation Capital Assistance Program.

I am pleased to advise that the end date for the Agreement has been extended from 30 June 2014 to 30 September 2014.

Council should ensure the final expenditure reimbursement claim and project close out report is submitted to the Department of State Development, Infrastructure and Planning prior to 30 September 2014 to allow sufficient time to assess and process the claim and report.

If you require any further information, please contact Michael Norris, Senior Project Officer, Major Projects Office, on 3452 7761 or fluoride@dsdip.qld.gov.au, who will be pleased to assist.

Yours sincerely

Sch. 4(4)(6)

Colin Cassidy
Acting Director-General

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ABN 29 230 178 530

DSDIP - RTI Release

RTI Document No. 280

Ref 66

Hon Jeff Seeney MP

Deputy Premier

Minister for State Development, Infrastructure and Planning

QUEENSLAND GOVERNMENT

Our ref: MC13/110

Your ref: MARIAN WTP

06 MAY 2013

E-MAILED
30 April 2013

Mr Barry Omundson
Chief Executive Officer
Mackay Regional Council
PO Box 41
MACKAY QLD 4740

Dear Mr Omundson

Thank you for your letter of 3 April 2013 regarding the proposed water fluoridation project for Marian.

I understand that, while the proposed water fluoridation component of the Marian Water Treatment Plant is planned to be completed before the cessation of the Queensland Fluoridation Capital Assistance Program (QFCAP) on 30 June 2014, this water fluoridation infrastructure will not be able to add fluoride to the water supply until the Water Treatment Plant is completed in October 2014.

Given the commissioning of the fluoride equipment will extend beyond the QFCAP end date, Council is seeking advice on the reimbursement of eligible expenditure for approved fluoride related works that may be undertaken beyond 30 June 2014. This will assist in Council's immediate deliberations about whether to commit to fluoridating the Marion water supply.

I am supportive of Council constructing the proposed Marian water fluoridation component, and QFCAP funding is available to the Council for this purpose. Should the Council decide to proceed with constructing the water fluoridation component, it should provide a letter to the Department of State Development, Infrastructure and Planning (DSDIP) stating its commitment to the project and Council's intention to continue with fluoride dosing of the Marian water supply, on a long term basis, once construction and commissioning of the appropriate infrastructure has been completed and dosing commences.

I am aware that officers from DSDIP have advised that Council should program the procurement of fluoridation works as early as possible to ensure all documentation (receipts etc) to substantiate reimbursement of eligible expenditure on the fluoridation infrastructure, is submitted to enable departmental processing prior to the QFCAP end date.

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DSDIP RTI Release

RTI Document No. 281

The Financial Incentive Agreement between the State and Council sets out the terms under which QFCAP payments are made. This includes the requirement to provide a Project Close Out Report to enable reimbursement of the final eligible expenditure incurred on fluoride infrastructure. I have been advised that DSDIP will work collaboratively with Council to satisfy close out requirements and achieve compliance with the QFCAP guidelines to facilitate payments and timely funding acquittals.

The Council is reminded it should not enter into any financial commitments (eg. awarding construction contracts) until the Council has received my funding approval and entered into a Financial Incentive Agreement with the State.

If you require any further information, Mr Michael Norris in Major Projects Office, Department of State Development, Infrastructure and Planning will assist and can be contacted on 3404 3196.

Yours sincerely

Sch. 4(4)(6)

JEFF SEENEY MP
DEPUTY PREMIER
Minister for State Development, Infrastructure and Planning

DSDIP - RTI Release

RTI Document No. 282

Received

26 SEP 2013

ESU

Ref No: MC13/291

DSDIP – BRIEF FOR DECISION	Date: 23 September 2013

SUBJECT: Approval of funds for Mackay Regional Council under the Queensland Fluoridation Capital Assistance Program

NOTED or APPROVED/NOT APPROVED

Sch. 4(4)(6)

Hon. Jeff Seeney MP
Deputy Premier, Minister for State Development, Infrastructure and Planning

Date: 26/9/13

RECOMMENDATIONS:

That you:

- **approve** a maximum funding of $621 480 (excluding GST) under the Queensland Fluoridation Capital Assistance Program to the Mackay Regional Council for the 'Fluoridation of the Marian Water Treatment Plant' project and
- **sign** the attached letter to Councillor Deirdre Comerford, Mayor of Mackay Regional Council (**Attachment 1**)
- **note** that Mr David Edwards, Director-General, Department of State Development, Infrastructure and Planning, will write to Mr Barry Omundson, Chief Executive Officer, Mackay Regional Council, to advise him of your decision (**Attachment 2**).

BACKGROUND:

In order to assist Queensland local governments with the cost of implementing water fluoridation, the Department of State Development, Infrastructure and Planning (DSDIP) manages the Queensland Fluoridation Capital Assistance Program (QFCAP). QFCAP provides up to 100 per cent funding of eligible works for the lowest cost option for the safe provision of water fluoridation. The *Water Fluoridation Act 2008* and the *Water Fluoridation Regulation 2008* provide the legislative framework for QFCAP.

The Act was amended by Parliament on 29 November 2012 and received assent on 5 December 2012. The amendments repealed the mandatory requirement for water supplies servicing greater than 1000 residents to be fluoridated. This requires local governments to decide whether or not to proceed with fluoridation based on the best interests of the community.

Please refer to background details of QFCAP (**Attachment 3**).

KEY ISSUES:

Under the earlier versions of the Regulation, Mackay Regional Council was required to commence adding fluoride to the Marian water supply by 31 December 2012. In order to access QFCAP funding, council prepared a fluoridation concept design report (FCDR) and submitted it to DSDIP. DSDIP referred the FCDR to the Infrastructure Project Management Group (IPMG), which reviewed the FCDR during May 2012 and recommended maximum funding of $621 480 (excluding GST) be made available for the project.

DSDIP concurred with the IPMG's assessment.

In May 2012, a briefing note recommending funding for this project was prepared for your consideration. This brief, along with other QFCAP funding approval briefs, was placed on hold while the Department of Health prepared Act amendment proposals for debate in Parliament in

Author details	Endorsed by:	Endorsed by:
Name: Ian McFarland	Business Group: Major Projects	Director-General David Edwards
Position: Major Projects	Telephone: 3247 3055	Telephone: 322 46408
Telephone: 3405 6482		23/9/13

DSDIP RTI Release

RTI Document No. 283

relation to water fluoridation. Council was advised the funding approval recommendation was placed on hold.

Between January and June 2013, discussions took place between council and DSDIP regarding the availability of funds for the Marian water supply project. The context of these discussions can be found at **Attachment 4.**

Consequently, council advised DSDIP on 21 August 2013 it wishes to proceed with securing QFCAP funding for the 'Fluoridation of the Marian Water Treatment Plant' project.

DSDIP supports council's request and recommends maximum funding of $621 480 (excluding GST) be approved for the project.

As at 28 August 2013, 91 projects had received QFCAP funding approvals totalling $57.57 million. Funding from the QFCAP budget totalling $9.16 million is available to fund water fluoridation infrastructure.

The approval of $621 480 (excluding GST) for the 'Fluoridation of the Marian Water Treatment Plant' project being sought in this brief can be met from the $9.16 million remaining in the QFCAP budget.

RESULTS OF CONSULTATION:

The funding recommendations were determined in consultation with the IPMG for fluoride and DSDIP officers.

DSDIP - RTI Release

RTI Document No. 284

Hon Jeff Seeney MP
Deputy Premier
Minister for State Development, Infrastructure and Planning

Our ref: MC13/291
JD280813

Your ref: MARIAN WTP

27 SEP 2013

Councillor Deirdre Comerford
Mayor
Mackay Regional Council
PO Box 41
MACKAY QLD 4740

Dear Councillor Comerford

I refer to Mackay Regional Council's letter of 21 August 2013 about the application for funding under the Queensland Fluoridation Capital Assistance Program. I apologise for the delay in responding.

I am pleased to advise I have approved funding up to a maximum of $621 480 (excluding GST) for the 'Fluoridation of the Marian Water Treatment Plant' project. The funding is to be used for the design and installation of water fluoridation infrastructure.

Mr David Edwards, Director-General, Department of State Development, Infrastructure and Planning, has written to Mr Barry Omundson, Chief Executive Officer, Mackay Regional Council, to notify him of the funding approval.

I wish council every success with the project.

If you require any further information, Jeff Popp in my office will assist and can be contacted on 3224 4600.

Yours sincerely

Sch. 4(4)(6)

JEFF SEENEY MP
DEPUTY PREMIER
Minister for State Development, Infrastructure and Planning

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DSDIP RTI Release

RTI Document No. 285

Queensland Government

Department of
State Development, Infrastructure and Planning

Our ref: MC13/291
JD280813

You ref: MARIAN WTP

27 SEP 2013

Mr Barry Omundson
Chief Executive Officer
Mackay Regional Council
PO Box 41
MACKAY QLD 4740

Barry

Dear Mr Omundson

I refer to Mackay Regional Council's application for funding under the Queensland Fluoridation Capital Assistance Program.

The Honourable Jeff Seeney MP, Deputy Premier, Minister for State Development, Infrastructure and Planning, has approved funding up to a maximum of $621 480 (excluding GST) for the 'Fluoridation of the Marian Water Treatment Plant' project. The funding is to be used for the design and installation of water fluoridation infrastructure.

The Department of State Development, Infrastructure and Planning will write to you in the near future with details of a Financial Incentive Agreement that council will be required to enter into in order to complete the funding approval process. Information regarding the process for council to seek reimbursement of project expenses will be included with this letter.

The Deputy Premier has written to Councillor Deirdre Comerford, Mayor, Mackay Regional Council, notifying her of the funding approval.

If you require any further information, please contact Michael Norris, Senior Project Officer, on 3404 8214 or fluoride@dsdip.qld.gov.au, who will be pleased to assist.

Yours sincerely

Sch. 4(4)(6)

David Edwards
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DSDIP RTI Release

RTI Document No. 286

Attachment 3

Recommendation of funds for Mackay Regional Council under the Queensland Fluoridation Capital Assistance Program

Background

In December 2007, the Queensland Government introduced new legislation regarding the introduction of fluoride to Queensland's drinking water supplies. The *Water Fluoridation Act 2008* (the Act) requires an eligible Public Potable Water Supplier (PPWS) to implement fluoridation within the timeframe prescribed in the *Water Fluoridation Regulation 2008* (the Regulation). A relevant PPWS under the Act means a PPWS supplying potable water to at least 1000 members of the public.

Queensland Health administers the Act and subordinate legislation which establishes the implementation program and administrative and regulatory arrangements. Queensland Health also sets the prescribed concentration of fluoride in drinking water and has primary responsibility once fluoridation plants become operational (following implementation). Queensland Health has published and retains responsibility for the Water Fluoridation Code of Practice for the design and operation of fluoridation plants.

The Major Projects Division is leading the infrastructure implementation of the Queensland Water Fluoridation Program (QWFP) from 2008-2014.

The Infrastructure Project Management Group (IPMG) guides the implementation of water fluoridation by PPWSs (Councils and Water Boards). The departmentally managed IPMG contract professional technical services from two companies (Cardno Pty Ltd and Beca Pty Ltd), to ensure the safe implementation of the QWFP in accordance with the Act, supporting Regulation and codes, and to meet the implementation schedule as announced by the former Premier in December 2007.

QFCAP funding guidelines provide for funding of reasonable, lowest life cycle costs directly related to fluoridation. The proposed method of fluoride dosing must also conform to the Water Fluoridation Code of Practice. The Major Projects Division administers QFCAP and recommends QFCAP funding for each PPWS, based on recommendations of the IPMG.

The Queensland Government has allocated funding to QFCAP over a six year period, from 1 July 2008 to 30 June 2014, to assist each PPWS outside South East Queensland to safely implement fluoridation of regulated water supplies. Normally, fluoride dosing infrastructure will be funded at the rate of 100 per cent. However, there will be some instances where 100 per cent funding is not applied, such as:

- where the PPWS has opted to utilise infrastructure or equipment which is not the lowest cost option for the safe delivery of fluoride (as advised by the IPMG);
- where the PPWS has decided to undertake a fluoride delivery method, which, in the opinion of the IPMG professional technical review team, is not the lowest cost option for the safe delivery of fluoride;
- where the PPWS has included works which are not associated with the safe delivery of fluoride (e.g. replacement of existing parts);
- where the PPWS is receiving other State or Federal Government funding towards the project.

DSDIP RTI Release

RTI Document No. 287

Each PPWS (defined by the Act) listed in Schedule 1 of the Regulation, outside South East Queensland, is an eligible applicant for QFCAP funding.

QFCAP provides funding towards capital works associated with the design and installation of fluoridation infrastructure. Eligible works include design, construction and commissioning and initial plant operator training.

Recurrent costs associated with operations and maintenance are excluded, apart from an allowance for the first three years provided to Indigenous communities which have implemented fluoridation under QFCAP.

Amendments to the Act repealing the mandatory requirement for water supplies servicing greater than 1000 residents to be fluoridated, were debated and passed by Parliament on 29 November 2012, receiving assent on 5 December 2012. The amendments provide for a local government to decide whether or not to fluoridate based on the best interests of the community.

To accompany the amendments to the Act, the Regulation has been amended to remove Schedule 1 of the Regulation. Schedule 1 listed the water supplies to be fluoridated and the dates before which fluoride must be added to a water supply. Regulation amendments were passed by the Governor in Council on 20 December 2012.

PPWS that have expended funding on fluoridation in good faith, when fluoridation was mandatory, but decide not to continue with fluoridation or cease dosing fluoride, will be reimbursed eligible costs for fluoridation.

The QFCAP will continue until 30 June 2014, to enable PPWS sufficient time to submit reimbursement claims due to:

- community consultation, where undertaken, to assist local governments in the decision making process,
- contract negotiation where PPWS pull out of a construction contract;
- delay in commencement of fluoridation infrastructure, for those that decide to continue implementation of fluoridation, while PPWS awaited Act amendments.

With the removal of Schedule 1 of the Regulation any PPWS, regardless of population serviced, will be eligible to apply for funding under the QFCAP for fluoridation infrastructure, where the Council makes the decision to fluoridate. Payment claims will need to be finalised prior to the completion of QFCAP in June 2014.

The QFCAP guidelines are currently being updated to reflect recent Act and Regulation amendments.

DSDIP RTI Release

Recommendation of funds for Mackay Regional Council under the Queensland Fluoridation Capital Assistance Program (QFCAP) – project history

Under the earlier versions of the *Water Fluoridation Regulation 2008* (the Regulation), Mackay Regional Council (the council) was required to commence adding fluoride to the Marian water supply by 31 December 2012. In order to access QFCAP funding, council prepared a fluoridation concept design report (FCDR) and submitted it to the Department of State Development, Infrastructure and Planning (DSDIP). DSDIP referred the FCDR to the Infrastructure Project Management Group (IPMG), which reviewed the FCDR during May 2012 and recommended maximum funding of $621 480 (excluding GST) be made available for the project.

Council had decided to install a "package" water fluoridation unit at Marian. This is a pre-fabricated building with the water fluoridation equipment already installed inside. The building is delivered on site and connected to the water treatment plant.

Council chose this method of dosing as it was planning to construct a new water treatment plant to meet the growing population of Marian and nearby Mirani.

Council's plan was to reuse the package fluoridation plant when the new water treatment plant came on line, as it had done with earlier water fluoridation projects.

At the time, council had not determined a time when the water treatment plant would be constructed.

In May 2012, a briefing note recommending funding for this project was prepared for your consideration. This brief, along with other QFCAP funding approval briefs, was placed on hold while the Department of Health prepared Act amendment proposals for debate in Parliament in relation to water fluoridation. Council was advised the funding approval recommendation was placed on hold.

No further action was taken seeking approval of funds until January 2013, when council contacted DSDIP regarding funding for the Marian water fluoridation project. Council had decided to proceed with the construction of the Marian water treatment plant, and was seeking advice on how to move forward with securing QFCAP funding for the fluoridation component of the project.

In order for a public potable water supplier (PPWS) to be reimbursed 100% of eligible expenditure from the QFCAP, it must complete a project close out report and submit it to DSDIP. One of the requirements of the project close out report is for the PPWS to demonstrate at least 14 days of continuous fluoride dosing. This is usually achieved by including water fluoridation dosing reports that the PPWS is required to submit to the Department of Health (DoH).

The QFCAP concludes on 30 June 2014. PPWS have been requested to ensure all project close out reports and final expenditure reimbursement claims are submitted to DSDIP by 1 April 2014 in order to allow sufficient time to examine the contents of the report and assess all final expenditure reimbursement claims.

While the council is confident construction of the water fluoridation plant will be completed by 30 June 2014, it has concerns over its ability to complete all aspects of

DSDIP RTI Release

the project close out report, and thus be able to seek reimbursement for all expenditure incurred on the project. This is because the new Marian water treatment plant will not be completed until October 2014. Council will not be able to connect the fluoridation unit to the water treatment plant until this time, and thus not be able to record fluoride dosing levels in the project close out report.

In April and May 2013 council sought clarification on DSDIP's position with regard to the submission of an "incomplete" project close – specifically those sections relating to water fluoridation dosing levels and the reporting to DoH.

In a telephone conversation with the Council Mayor and officers, DSDIP advised the council that, given QFCAP was closing on 30 June 2014, it would take a practical approach to the submission of the project close out report.

Council officers were also concerned that the QFCAP funding to be recommended for approval may not be sufficient to cover anticipated eligible costs of the proposed water fluoridation plant. It has been QFCAP policy to not divulge to PPWS the quantum of funds being recommended until the level of funding has been approved.

During June and July 2013, DSDIP officers held numerous discussions with council officers regarding the approval of funds for the proposed Marian water fluoridation plant. Council requested that DSDIP delay requesting a funding approval for the project until it had received all tender quotations. This was to take place in early August 2013, but was delayed by and additional two weeks.

Consequently, the council advised DSDIP on 21 August 2013 it would be seeking approval of QFCAP funding.

While funding for the project in its current format has been calculated on a different construction method (pre-fabricated building versus purpose built building), this remains within the spirit of the QFCAP guidelines. PPWS can choose to opt for a different construction method than that specified in the FCDR, provided the finished water fluoridation plant meets the requirements of the *Water Fluoridation Act 2008*, the Regulation and the Water Fluoridation Code of Practice. In addition, projects are allocated a maximum level of funding, and PPWS are to manage the project within that budget. Finally, expenditure is only reimbursed on the direct cost of constructing water fluoridation infrastructure, and the reimbursement requests are to be supported by evidence from the PPWS financial database.

Council advised it would be seeking funding assistance for the Marian Water Treatment Plant project under the "Royalties for the Regions" program. Council officers have stated that funding assistance for the fluoridation component is strictly separate from the water treatment plant component, so as to not appear to be "double dipping" into any State funding assistance.

Council has resolved to continue with water fluoridation at the existing sites – Nebo Road, Northern Beaches and Mount Blarney.

DSDIP RTI Release

Ref 68

Received

11 JUN 2014

ESU

Ref No: MBN14/330

DSDIP – BRIEF FOR DECISION	Date: 30 May 2014

SUBJECT: Request for variations to a Financial Incentive Agreement for funds approved under the Queensland Fluoridation Capital Assistance Program

NOTED or APPROVED/~~NOT APPROVED~~

Sch. 4(4)(6)

Hon. Jeff Seeney MP
Deputy Premier, Minister for State Development, Infrastructure and Planning

Date: 16/6/14

RECOMMENDATION:

That you:

- **approve** the variations to the Financial Incentive Agreement between the State and Carpentaria Shire Council
- **note** the Director-General will sign a letter to the chief executive officer of Carpentaria Shire Council advising the variations have been approved.

BACKGROUND:

On 17 April 2013, you approved a maximum of $50 000.00 (excluding GST) for Carpentaria Shire Council's (council) project Fluoridation of the Normanton Water Treatment Plant (WTP).

Funding was approved under the Queensland Fluoridation Capital Assistance Program (QFCAP) in order for the council to meet its former obligations under the *Water Fluoridation Act 2008* (the Act) and the *Water Fluoridation Regulation 2008* (the Regulation). This funding was approved for the council to purchase and install water fluoridation monitoring and measuring equipment at the Normanton WTP.

On 5 August 2013, a Financial Incentive Agreement (Agreement) was executed between council and the State of Queensland for the project. The Agreement has a current end date of 30 June 2014. This is the date by which council was to have completed all construction works and claimed all expenditure for the approved project.

The QFCAP funding ceases on 30 June 2014.

KEY ISSUES:

On 28 February 2014, the council wrote to the Department of State Development, Infrastructure and Planning (DSDIP) requesting an extension of time to the end date of the Agreement and a change of scope to the approved works (**Attachment 1**). Council is requesting the end-date of the Agreement be extended to 30 September 2014. This is due to council's resources being directed toward restoring assets damaged as a result of tropical cyclone Fletcher.

Additionally, the council has requested QFCAP funding be directed towards design and installation of upgrades to pipework valves. Council indicates the pipeline is an integral part of the water fluoridation "blending" system in place in Normanton.

QFCAP funding ceases on 30 June 2014. As the project is small, with only $40 140.00 remaining to be claimed by council, resources are available within the Major Projects Office (MPO) to extend the timeframe and finalise this project by 30 September 2014.

Sch. 4(4)(6)

Author details		Endorsed by:	Stuart Pickering DDG	Endorsed by:	David Edwards
Name:	Ian McFarland	Business Group:	Major Projects	Position:	For Director-General
Position:	Major Projects	Telephone:	3452 7781	Telephone:	3227 8451
Telephone:	3452 7766	Approved:	30/05/2014		30/5/14

DSDIP RTI Release

RTI Document No. 291

MPO DSDIP officers have consulted with the DSDIP Financial Services about extending the reimbursement period for QFCAP payment for this project and have been advised there are no insurmountable problems in finalising the project beyond 30 June 2014.

Queensland Health (QH) and MPO DSDIP officers support the request by council to change the purpose for which the funds have been approved, as the continued operation of the pipeline is essential in ensuring a continued flow of fluoridated water from the Normanton WTP.

MPO DSDIP officers recommend the requested extension of time and change of purpose for the funding be granted.

Under the DSDIP financial delegations effective December 2013, Ministerial approval is required for variations to approved Agreements.

The Director-General letter to council's chief executive officer is sufficient to effect the variations to the agreement. A new, signed agreement is not required.

RESULTS OF CONSULTATION:

DSDIP has consulted with DSDIP Financial Service and QH regarding these variations. QH support the variations requested by council.

DSDIP - RTI Release

Ref 69

Queensland Government

Department of
State Development, Infrastructure and Planning

Our ref: MBN14/330

12 JUN 2014

Mr Bob Owen
Chief Executive Officer
Carpentaria Shire Council
PO Box 31
NORMANTON QLD 4890

Dear Mr Owen Bob

I refer to Carpentaria Shire Council's (council) letter of 28 February 2014 requesting variations to the Financial Incentive Agreement (the agreement) between the State of Queensland and council for the project Fluoridation of the Normanton Water Treatment Plant. This project received a funding approval under the Queensland Fluoridation Capital Assistance Program (QFCAP).

I am pleased to advise that the following variations to the Agreement have been approved:

- the end date for the Agreement has been extended from 30 June 2014 to 30 September 2014
- the approved works have been amended from purchase and installation of fluoride monitoring equipment to installation and upgrade of water fluoridation pipework valves.

Council should ensure the final expenditure reimbursement claim and project close out report is submitted to the Department of State Development, Infrastructure and Planning prior to 30 September 2014 to allow sufficient time to assess and process the claim and report.

If you require any further information, please contact Mr Michael Norris, Senior Project Officer, Major Projects Office, Department of State Development, Infrastructure and Planning on 3452 7761 or fluoride@dsdip.qld.gov.au, who will be pleased to assist.

Yours sincerely

Sch. 4(4)(6)

David Edwards
Director-General

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Website www.dsdip.qld.gov.au
ABN 29 230 178 530

DSDIP - RTI Release

RTI Document No. 293

Ref 70

CARPENTARIA SHIRE
Outback by the Sea

PO Box 31 Normanton Qld 4890
P 07 4745 2200 • **F** 07 4745 1340
E council@carpentaria.qld.gov.au
W www.carpentaria.qld.gov.au

Enquiries: John Teague

The Senior Project Officer
Department of State Development, Infrastructure and Planning
PO Box 15000
City East Queensland 4002

Attention: Mr Michael Norris.

28 February 2014

Dear Michael

CHANGE OF CONDITIONS OF GRANT FLUORIDATION PROJECT CARPENTARIA SHIRE

The delivery of fluoride from the Artesian Bore which is located approximately 300 metres from the Normanton Water Treatment Plant is hampered by an old delivery line which is continually breaking interrupting the fluoridation to the town water supply.

Council seeks your permission to change the conditions of the grant from not only the provision of monitoring equipment, but the replacement of valves and pipeline as an essential part of our fluoridation program. This will also include the design and specification of the proposed replacement.

It is estimated that the costs associated with the change will be approximately $40,000. If this figure is exceeded Council will fund the extra expense.

We would also like to apply for an extension of time owing to the effects of Cyclone "Fletcher" in the Gulf recently which has resulted in a declaration of a flood event within the Shire. The extra time required is 3 months.

Yours faithfully,

Sch. 4(4)(b)

Bob Owen
CHIEF EXECUTIVE OFFICER

Received
6 MAR 2014

DSDIP RTI Release

RTI Document No. 294

Ref 71

Received

Ref No: MBN14/77

DSDIP – BRIEF FOR DECISION	Date: 28 February 2014

ESU

NOTED or APPROVED/~~NOT APPROVED~~

Sch. 4(4)(6)

Hon. Jeff Seeney MP
Deputy Premier, Minister for State Development, Infrastructure and Planning

Date: 2/3/14

SUBJECT: Funding approval for Tablelands Regional Council under the Queensland Fluoridation Capital Assistance Program.

RECOMMENDATIONS:

That you:

- **approve** funding up to a maximum of $36 794.45 (excluding GST) (under your delegations) for the Tablelands Regional Council's "Fluoridation of the Atherton Water Treatment Plant" project under the Queensland Fluoridation Capital Assistance Program
- **sign** the attached letter to Councillor Rosa Lee Long, Mayor, Tablelands Regional Council (**Attachment 1**)
- **note** that Mr David Edwards, Director-General, Department of State Development, Infrastructure and Planning, will write to Mr Ian Church, Chief Executive Officer, Tablelands Regional Council, to advise him of your decision.
- **note** a request for this approval to be completed by **Friday 7 March 2014** to allow sufficient time to complete relevant documentation between the state and council and to process reimbursements.

BACKGROUND:

In order to assist Queensland local governments with the cost of implementing water fluoridation, the Department of State Development, Infrastructure and Planning (DSDIP) manages the Queensland Fluoridation Capital Assistance Program (QFCAP). QFCAP provides up to 100 per cent funding of eligible works for the lowest cost option for the safe provision of water fluoridation. The *Water Fluoridation Act 2008* (the Act) and the *Water Fluoridation Regulation 2008* (the Regulation) provide the legislative framework for the QFCAP.

The Act was amended by Parliament on 29 November 2012 and received assent on 5 December 2012. The amendments repealed the mandatory requirement for water supplies servicing greater than 1000 residents to be fluoridated. This now requires local governments to decide whether or not to proceed with fluoridation based on the best interests of the community. Please refer to background details of QFCAP (**Attachment 2**).

The Tablelands Regional Council was de-amalgamated on 1 January 2014 to form a new Tablelands Regional Council and a new Mareeba Shire Council. As of 1 January 2014, the Fluoridation of the Atherton Water Treatment Plant (WTP) project remains under the jurisdiction of the new Tablelands Regional Council.

KEY ISSUES:

DSDIP officers have been actively working with Tablelands Regional Council officers to finalise this project and reach an agreement on a recommended payment amount.

4/13

Author details		Endorsed by:	Stuart Pickering DDG	Endorsed by:	David Edwards
Name:	Ian McFarland	Business Group:	Major Projects	Position:	Director-General
Position:	Major Projects	Telephone:	3452 7781	Telephone:	3227 8451
Telephone:	3452 7766				

DSDIP-RTI Release

RTI Document No. 295

While council lodged numerous reports for expenditure reimbursement, DSDIP had concerns with the level of detail and depth of supporting documentation provided from council's financial transactions. As a result, DSDIP officers have worked with council officers in order to achieve a mutually agreeable outcome which provides you with the recommendation for approval of $36 794.45 and release of QFCAP funds for this project.

Although it was originally planned to have your approval and all reimbursement resolved prior to the de-amalgamation date of 1 January 2014, this did not occur as council only lodged the final signed subsidy claim form dated 24 December 2013 and Project Close Out Report electronically with DSDIP on 23 January 2014.

Prior to the latest amendments of the Act and Regulation, the council was required to commence fluoride dosing by 31 December 2012. In order to access QFCAP funding, council was required to engage a professional service provider to prepare a fluoridation concept design report (FCDR) for the Fluoridation of the Atherton WTP project.

On 20 December 2012 at an Ordinary Meeting, the former Tablelands Regional Council resolved fluoride not be added to water supplies within the jurisdiction of the Tablelands Regional Council.

To ensure the veracity of council's claim, DSDIP sought advice from the Internal Audit Unit on the use of statutory declarations and also advice from other similar state government funding agencies.

The funding recommendations were reviewed in conjunction with council's water fluoridation program and invoices supplied to DSDIP officers. Based on the evidence provided by council, the expenditure costs have been assessed as being eligible for QFCAP reimbursement.

Should you agree to approve QFCAP funds for this project, Tablelands Regional Council will be required to enter into a Financial Incentive Agreement in the usual manner with the State to release the funds. QFCAP officers will instigate this process.

Sufficient funds remain in QFCAP to approve this funding recommendation.

As at 29 January 2014, 94 projects had received QFCAP funding.

The QFCAP budget is $58 650 000.00. Funding approvals, less savings on projects completed under budget, total $50 144 859.76, leaving $8 505 140.24 available to fund remaining water fluoridation infrastructure projects.

The approval of $36 794.45 (excluding GST) being sought in this brief can be met from the $8 505 140.24 remaining in the QFCAP budget.

RESULTS OF CONSULTATION:

DSDIP officers met with the Internal Audit unit and sought advice on the use of statutory declarations by council and it's contractors to support their claim.

DSDIP RTI Release

RTI Document No. 296

Ref 72

Hon Jeff Seeney MP
Deputy Premier
Minister for State Development, Infrastructure and Planning

Queensland Government

Our ref: MBN14/77

- 7 MAR 2014

Councillor Rosa Lee Long
Mayor
Tablelands Regional Council
PO Box 573
ATHERTON QLD 4883

Dear Councillor Long

I refer to the Tablelands Regional Council request for funding under the Queensland Fluoridation Capital Assistance Program.

Following assessment of the information provided, I am pleased to advise I have approved total funding up to a maximum of $36 794.45 (GST exclusive) for the fluoridation of the Atherton water treatment plant project. The funding is towards eligible costs incurred in preparing the fluoridation concept design report and some detailed design works.

David Edwards, Director-General, Department of State Development, Infrastructure and Planning, will write to Ian Church, council's Chief Executive Officer, notifying him of the funding approval, and will shortly provide Mr Church with details of a Financial Incentive Agreement that council will be required to enter into in order to complete the funding approval process.

If you require any further information, Jeff Popp in my office will assist and can be contacted on 3719 7100.

Yours sincerely

Sch. 4(4)(6)

JEFF SEENEY MP
DEPUTY PREMIER
Minister for State Development, Infrastructure and Planning

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RTI Document No. 297

Ref 73

Queensland Government

Department of
State Development, Infrastructure and Planning

Our ref: MBN14/77

10 MAR 2014

Mr Ian Church
Chief Executive Officer
Tablelands Regional Council
PO Box 573
ATHERTON QLD 4883

Dear Ian

I refer to the Tablelands Regional Council application for funding under the Queensland Fluoridation Capital Assistance Program.

I am pleased to advise that the Honourable Jeff Seeney MP, Deputy Premier, Minister for State Development, Infrastructure and Planning, has approved funding up to a maximum of $36 794.45 (excluding GST) for the Fluoridation of the Atherton Water Treatment Plant project. The funding is towards eligible costs incurred in preparing a fluoridation concept design report.

The Deputy Premier has also written to Councillor Rosa Lee Long, Mayor of council, notifying her of the funding approval.

Officers from the Department of State Development, Infrastructure and Planning (DSDIP) will contact you shortly with details of a Financial Incentive Agreement which council will be required to enter into in order to complete the funding approval process. It is noted that DSDIP have already received a signed expenditure subsidy claim form and Project Close Out Report from council which were assessed in the approval process.

If you require any further information, please contact Bruce Redpath, Program Manager, Major Projects Office, on 3452 7763 or email bruce.redpath@dsdip.qld.gov.au, who will be pleased to assist.

Yours sincerely

Sch. 4(4)(6)

David Edwards
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DSDIP RTI Release

RTI Document No. 298

Ref 94

Attachment 2
Background Information relating to
the Queensland Fluoridation Capital Assistance Program

In December 2007, the Queensland Government introduced new legislation regarding the introduction of fluoride to Queensland's drinking water supplies. The *Water Fluoridation Act 2008* (the Act) requires an eligible Public Potable Water Supplier (PPWS) to implement fluoridation within the timeframe prescribed in the *Water Fluoridation Regulation 2008* (the Regulation). A relevant PPWS under the Act means a PPWS supplying potable water to at least 1000 members of the public.

Department of Health (DOH) administers the Act and subordinate legislation which establishes the implementation program and administrative and regulatory arrangements. DOH also sets the prescribed concentration of fluoride in drinking water and has monitoring responsibility once fluoridation plants become operational (following implementation). DOH has published and retains responsibility for the Water Fluoridation Code of Practice for the design and operation of fluoridation plants.

The Major Projects Office is leading the infrastructure implementation of the Queensland Water Fluoridation Program (QWFP) from 2008-2014.

The Infrastructure Project Management Group (IPMG) guides the implementation of water fluoridation by PPWSs (Councils and Water Boards). The departmentally managed IPMG contracts professional technical services from two companies (Cardno Pty Ltd and Beca Pty Ltd), to ensure the safe implementation of the QWFP in accordance with the Act, supporting Regulation and codes, and to meet the implementation schedule as announced by the former Premier in December 2007.

QFCAP funding guidelines provide for funding of reasonable, lowest life cycle costs directly related to fluoridation. The proposed method of fluoride dosing must also conform to the Water Fluoridation Code of Practice. The Major Projects Office administers QFCAP and recommends QFCAP funding for each PPWS, based on recommendations of the IPMG.

The Queensland Government has allocated funding to QFCAP over a six-year period, from 1 July 2008 to 30 June 2014, to assist each PPWS outside South East Queensland to safely implement fluoridation of regulated water supplies. Normally, fluoride dosing infrastructure will be funded at the rate of 100 per cent. However, there will be some instances where 100 per cent funding is not applied, such as:

- where the PPWS has opted to utilise infrastructure or equipment which is not the lowest cost option for the safe delivery of fluoride (as advised by the IPMG);
- where the PPWS has decided to undertake a fluoride delivery method, which, in the opinion of the IPMG professional technical review team, is not the lowest cost option for the safe delivery of fluoride;
- where the PPWS has included works which are not associated with the safe delivery of fluoride (e.g. replacement of existing parts); or
- where the PPWS is receiving other State or Federal Government funding towards the project.

Each PPWS (defined by the Act) listed in Schedule 1 of the Regulation, outside South East Queensland, is an eligible applicant for QFCAP funding.

DSDIP RTI Release

RTI Document No. 299

QFCAP provides funding towards capital works associated with the design and installation of fluoridation infrastructure. Eligible works include design, construction and commissioning and initial plant operator training.

Recurrent costs associated with operations and maintenance are excluded, apart from an allowance for the first three years provided to Indigenous communities which have implemented fluoridation under QFCAP.

Amendments to the Act repealing the mandatory requirement for water supplies servicing greater than 1000 residents to be fluoridated were debated and passed by Parliament on 29 November 2012, receiving assent on 5 December 2012. The amendments require local governments to decide whether or not to fluoridate based on the best interests of the community.

To accompany the amendments to the Act, the Regulation has been amended to remove Schedule 1 of the Regulation. Schedule 1 listed the water supplies to be fluoridated and the dates before which fluoride must be added to a water supply. Regulation amendments were passed by the Governor in Council on 20 December 2012.

PPWS that have expended funding on fluoridation in good faith, when fluoridation was mandatory, but decide not to continue with fluoridation or cease dosing fluoride, will be reimbursed eligible costs for fluoridation.

The QFCAP will continue until 30 June 2014, to enable PPWS sufficient time to submit reimbursement claims due to:

- community consultation, where undertaken, to assist local governments in the decision making process;
- contract negotiation where PPWS pull out of a construction contract; or
- delays in commencement of fluoridation infrastructure, for those that decide to continue implementation of fluoridation, while PPWS awaited Act amendments.

With the removal of Schedule 1 of the Regulation any PPWS, regardless of population serviced, will be eligible to apply for funding under the QFCAP for fluoridation infrastructure, where the Council makes the decision to fluoridate. Payment claims will need to be finalised prior to the completion of QFCAP in June 2014.

DSDIP RTI Release

Ref 75

EXPENDITURE REIMBURSEMENT CLAIM

File Note for funding approval under
the Queensland Fluoridation Capital Assistance Program (QFCAP)
for the Tablelands Regional Council (the Council)
MBN14/77 refers

Fluoridation of the Atherton Water Treatment Plant (WTP)

Project	Amount of Funding Requested	$ Reimbursement Recommended
Atherton WTP	$36 794.45	$36 794.45

Table 1

In order to assist Queensland local governments with the cost of implementing water fluoridation, the Department of State Development, Infrastructure and Planning (DSDIP), manages the QFCAP. The QFCAP provides up to 100 per cent funding of eligible works for the lowest cost option for the safe provisions of water fluoridation. The *Water Fluoridation Act 2008* (the Act) and the *Water Fluoridation Regulation 2008* provide the legislation framework for QFCAP.

In summary the Act was amended by Parliament on 29 November 2012 and received assent on 5 December 2012. The amendments repealed the mandatory requirement to fluoridate water supplies servicing communities of greater than 1000 residents. Each local government must now decide, on the basis of the community's best interest, to proceed with, or discontinue, fluoridation.

Prior to the latest amendments of the Act and Regulation, the council was required to commence fluoride dosing by 31 December 2012. In order to access QFCAP funding, council was required to engage a professional service provider to prepare a fluoridation concept design report (FCDR) for the Fluoridation of the Atherton WTP project.

On 20 December 2012 at an Ordinary Meeting, the former Tablelands Regional Council resolved fluoride not be added to water supplies within the jurisdiction of the Tablelands Regional council. This motion was carried 5-4. The council has however incurred eligible QFCAP expenditure.

The Tablelands Regional Council was de-amalgamated on 1st January 2014 to form a new Tablelands Regional Council and a new Mareeba Shire Council. As of 1 January 2014 the Atherton WTP project remains under the jurisdiction of the new Tablelands Regional

DSDIP officers have been actively working with former Tablelands Regional Council officers over the last twelve months to finalise this project and reach an agreement on a recommended payment amount.

While council had lodged numerous reports and paperwork for expenditure reimbursement DSDIP had concerns with the level of detail and depth of supporting documentation provided from council's financial transactions. As a result DSDIP officers have worked tirelessly with council's project manager/contractor Ron Holden and officers in order to achieve a mutually agreeable outcome which provides Deputy Premier and Minister for State Development, Infrastructure and Planning (DP) with the recommendation for approval of $36 794.45 and release of QFCAP funds for this project.

To ensure the veracity of council's claim DSDIP sought advice from the Internal Audit unit on the use of statutory declarations for this and other QFCAP projects.

Although it was originally planned to have the DP's approval and all reimbursement resolved prior to the de-amalgamation date of 1 January 2014 date, this did not occur. Council lodged the final signed subsidy claim form version dated 24 December 2013 and Project Close Out Report electronically with DSDIP on

DSDIP RTI Release

RTI Document No. 301

23 January 2014 and signed the first set of attachments for its Statutory Declaration (Stat Dec)dated 4 December 2013 on 14 February 2014.

Note however that although dated 4 December 2013 council did not forward the signed Stat Dec document until 28 January 2014 and signed attachments A, B and C noted in the Stat Dec were not included. QFCAP's program manager spoke with council's project manager on 10 February 2014 advising of the missing documents and sent an email outlining exactly what was required. Documents were supplied to the fluoride mailbox on 14 February but not all of the attachments were relevant. Additionally it was noted that the Contract (Attachment A to the Stat Dec) was not a) signed by all parties; b) inclusive of the Mareeba WTP project; and c) the total value was considerably less than the amount council has paid to this contractor (AECOM).

Although not specifically relevant to the Atherton WTP approval brief, council's project manager is checking on whether there is a letter of variation to include the Mareeba WTP project. This is because the AECOM expenditure allocation spread sheet (Attachment B) is to cover all of council's projects and needs to be correct before the brief could be progressed.

On 17 February 2014 DSDIP Officers reviewed the attachments and contacted the project manager Ron Holden confirming the discussions that DSDIP is unable to further progress the council's expenditure reimbursement claims until the following has been addressed. Upon receipt of these DSDIP will be in a position to further assess the claims.

- Stat Dec dated 4 December 2013, minutes at the foot of the document, "Attachment C", yet there is no mention in the Stat Dec if Attachment C. Attachment C which is AECOM Invoice Copies for council water treatment plant projects does not add any value if signed contracts between the council and AECOM are provided to cover the Ravenshoe, Kuranda, Malanda, Mareeba and Atherton projects.
- Attachment A and Attachment B certified dates are after the Stat Dec certified date. Dates need to align.
- Attachment A provided which is a signed copy by council (only) of the Consultancy (AECOM) agreement for Tablelands Fluoridation Implementation Program and a Letter of Variance or contract in relation to the Mareeba project is required for any reimbursement claim in relation to this project to progress. In relation to the Agreement provided it has only been signed by the council, a copy with the consultancy firm's (AECOM) execution as well should be provided.
- Attachment A provided which is a signed copy by TRC (only) of the Consultancy (AECOM) agreement for Tablelands Fluoridation Implementation Program and a Letter of Variation by AECOM specifically in relation to the implementation of a new fluoride dosing system at Atherton do not make mention of the Mareeba project. A Letter of Variation or contract in relation to the Mareeba project is required for any reimbursement claim in relation to this project to progress. In relation to the Agreement provided, it has only been signed by the Council, a copy with the Consultancy firm's (AECOM) execution as well should be provided.

Further telephone conversations occurred between council's contractor and DSDIP staff about the validity of subsequent Stat Dec attachment documents.

On 25 February 2014 the final Stat Dec attachment document was electronically received and found to be in order (in that the dates now tie in with the Stat Dec date). The original though yet to be received is being mailed.

The funding recommendation in this file note was prepared in conjunction with council's water fluoridation program and invoices supplied to DSDIP officers. Based on the evidence provided by council, the expenditure costs have been assessed as being eligible for QFCAP reimbursement.

DSDIP Release

Should the DP agree to approve QFCAP funds for this project, Council will be required to enter into a Financial Incentive Agreement in the usual manner with the State to release the funds. DSDIP officers will instigate this process.

Sufficient funds remain in QFCAP to approve this funding recommendation and funding will be available until the QFCAP concludes on 30 June 2014.

Submitted for approval.
Robbie Recoquillion - Senior Project Officer

Noted by (please initial):
Michael Norris – Senior Project Officer

Noted by (please initial):
Bruce Redpath – Program Manager

DSDIP - RTI Release

RTI Document No. 303

Ref 76

Received

17 DEC 2013

ESU

Ref No: MBN13/206

DSDIP – BRIEF FOR DECISION	Date: 9 December 2013

SUBJECT: Funding approval for Blackall-Tambo Regional Council under the Queensland Fluoridation Capital Assistance Program.

NOTED or APPROVED / NOT APPROVED

Sch. 4(4)(6)

Hon. Jeff Seeney MP
Deputy Premier, Minister for State Development, Infrastructure and Planning

Date: 16/12/13

RECOMMENDATIONS:

That you:

- **approve** funding up to a maximum of $20 980.00 (excluding GST) for the Blackall-Tambo Regional Council's Fluoridation of the Blackall Water Treatment Plant project under the Queensland Fluoridation Capital Assistance Program
- **sign** the attached letter to Councillor Barry Muir, Mayor, Blackall-Tambo Regional Council (**Attachment 1**)
- **note** that Mr David Edwards, Director-General, Department of State Development, Infrastructure and Planning, will write to Mr Ken Timms, Chief Executive Officer, Blackall-Tambo Regional Council, to advise him of your decision.

BACKGROUND:

In order to assist Queensland local governments with the cost of implementing water fluoridation, the Department of State Development, Infrastructure and Planning (DSDIP) manages the Queensland Fluoridation Capital Assistance Program (QFCAP). QFCAP provides up to 100 per cent funding of eligible works for the lowest cost option for the safe provision of water fluoridation. The *Water Fluoridation Act 2008* (the Act) and the *Water Fluoridation Regulation 2008* (the Regulation) provide the legislative framework for the QFCAP.

The Act was amended by Parliament on 29 November 2012 and received assent on 5 December 2012. The amendments repealed the mandatory requirement for water supplies servicing greater than 1000 residents to be fluoridated. This now requires local governments to decide whether or not to proceed with fluoridation based on the best interests of the community. Please refer to background details of QFCAP (**Attachment 2**).

KEY ISSUES:

Sufficient funds remain in QFCAP to approve this funding recommendation.

Prior to the latest amendments of the Act and Regulation, the council was required to commence fluoride dosing by 31 December 2011. In order to access QFCAP funding, council was required to engage a professional service provider to prepare a fluoridation concept design report (FCDR) for the Fluoridation of the Blackall Water Treatment Plant (WTP) project.

On 22 January 2013, council resolved not to proceed to with constructing a water fluoridation plant for the Blackall WTP. Council was not required to advise DSDIP of its decision.

Author details		Endorsed by:	Stuart Pickering DDG	Endorsed by:	David Edwards
Name:	Ian McFarland	Business Group:	Major Projects	Position:	Director-General
Position:	Major Projects	Telephone:	3452 7781	Telephone:	3227 8451
Telephone:	3452 7766				

11/12/13

DSDIP RTI Release

RTI Document No. 304

On 23 September 2013, the Deputy Director-General, Major Projects Office, wrote to council requesting it advise its intentions regarding an expenditure reimbursement submission for the Fluoridation of the Blackall WTP project.

On 18 November 2013, council provided information from its financial database indicating that project costs of $20 980.00 (excluding GST) had been incurred in obtaining the services of a professional service provider to prepare an FCDR. Council requested these costs be reimbursed.

Based on the evidence provided by the council, the costs have been assessed as being eligible for reimbursement.

Should you agree to approve QFCAP funds for the project, the council will be required to enter into a Financial Incentive Agreement with the State. QFCAP officers will instigate this process.

As at 9 December 2013, 93 projects had received QFCAP funding approvals totalling $58 201 982.05 from a budget of budget of $58 650 000.00, leaving $448 014.95 available to fund water fluoridation infrastructure projects.

The approval of $20 980.00 (excluding GST) being sought in this brief can be met from the $448 0014.95 remaining in the QFCAP budget.

RESULTS OF CONSULTATION:

The funding recommendations were reviewed in conjunction with council's water fluoridation program and invoices supplied by DSDIP officers.

DSDIP - RTI Release

RTI Document No. 305

Ref 77

Hon Jeff Seeney MP
Deputy Premier
Minister for State Development, Infrastructure and Planning

Our ref: MBN13/206

20 DEC 2013

Councillor Barry Muir
Mayor
Blackall-Tambo Regional Council
PO Box 21
BLACKALL QLD 4472

Dear Councillor Muir

I refer to the Blackall-Tambo Regional Council's request for funding under the Queensland Fluoridation Capital Assistance Program.

Following assessment of the information provided on 18 November 2013, I am pleased to advise I have approved total funding up to a maximum of $20 980.00 (GST exclusive) for the Fluoridation of the Blackall water treatment plant project. The funding is towards eligible costs incurred in preparing a fluoridation concept design report.

Mr David Edwards, Director-General, Department of State Development, Infrastructure and Planning, will write to Mr Ken Timms, council's Chief Executive Officer, notifying him of the funding approval, and will shortly provide Mr Timms with details of a Financial Incentive Agreement that council will be required to enter into in order to complete the funding approval process.

If you require any further information, Jeff Popp in my office will assist and can be contacted on 3719 7100.

Yours sincerely

Sch. 4(4)(6)

JEFF SEENEY MP
DEPUTY PREMIER
Minister for State Development, Infrastructure and Planning

Level 12 Executive Building
100 George Street Brisbane
PO Box 15009 City East
Queensland 4002 Australia
Telephone +61 7 3224 4600
Facsimile +61 7 3210 2185
Email deputypremier@ministerial.qld.gov.au

DSDIP RTI Release

RTI Document No. 306

Rf 78

Queensland Government

Department of
State Development, Infrastructure and Planning

Our ref: CGMBN13/206

20 DEC 2013

Mr Ken Timms
Chief Executive Officer
Blackall-Tambo Regional Council
PO Box 21
BLACKALL QLD 4472

Ken

Dear Mr Timms

I refer to the Blackall-Tambo Regional Council's application for funding under the Queensland Fluoridation Capital Assistance Program.

I am pleased to advise that the Honourable Jeff Seeney MP, Deputy Premier, Minister for State Development, Infrastructure and Planning, has approved funding up to a maximum of $20 980.00 (excluding GST) for the Fluoridation of the Blackall water treatment plant project. The funding is towards eligible costs incurred in preparing a fluoridation concept design report.

The Deputy Premier has also written to Councillor Barry Muir, Mayor of council, notifying him of the funding approval.

Officers from the Department of State Development, Infrastructure and Planning will contact you shortly with details of a Financial Incentive Agreement which council will be required to enter into in order to complete the funding approval process. Information regarding the process for council to seek reimbursement of project expenses will also be included with this letter.

If you require any further information, please contact Mr Bruce Redpath, Program Manager, Major Projects Office, on 3452 7763 or email bruce.redpath@dsdip.qld.gov.au, who will be pleased to assist.

Yours sincerely

Sch. 4(4)(6)

David Edwards
Director-General

Executive Building
100 George Street Brisbane
PO Box 15009 City East
Queensland 4002 Australia
Telephone +61 7 3227 8548
Website www.dsdip.qld.gov.au
ABN 29 230 178 530

DSDIP RTI Release

RTI Document No. 307

Ref 79

Attachment 2
Background Information relating to
the Queensland Fluoridation Capital Assistance Program

In December 2007, the Queensland Government introduced new legislation regarding the introduction of fluoride to Queensland's drinking water supplies. The *Water Fluoridation Act 2008* (the Act) requires an eligible Public Potable Water Supplier (PPWS) to implement fluoridation within the timeframe prescribed in the *Water Fluoridation Regulation 2008* (the Regulation). A relevant PPWS under the Act means a PPWS supplying potable water to at least 1000 members of the public.

Department of Health (DOH) administers the Act and subordinate legislation which establishes the implementation program and administrative and regulatory arrangements. DOH also sets the prescribed concentration of fluoride in drinking water and has monitoring responsibility once fluoridation plants become operational (following implementation). DOH has published and retains responsibility for the Water Fluoridation Code of Practice for the design and operation of fluoridation plants.

The Major Projects Office is leading the infrastructure implementation of the Queensland Water Fluoridation Program (QWFP) from 2008-2014.

The Infrastructure Project Management Group (IPMG) guides the implementation of water fluoridation by PPWSs (Councils and Water Boards). The departmentally managed IPMG contracts professional technical services from two companies (Cardno Pty Ltd and Beca Pty Ltd), to ensure the safe implementation of the QWFP in accordance with the Act, supporting Regulation and codes, and to meet the implementation schedule as announced by the former Premier in December 2007.

QFCAP funding guidelines provide for funding of reasonable, lowest life cycle costs directly related to fluoridation. The proposed method of fluoride dosing must also conform to the Water Fluoridation Code of Practice. The Major Projects Office administers QFCAP and recommends QFCAP funding for each PPWS, based on recommendations of the IPMG.

The Queensland Government has allocated funding to QFCAP over a six-year period, from 1 July 2008 to 30 June 2014, to assist each PPWS outside South East Queensland to safely implement fluoridation of regulated water supplies. Normally, fluoride dosing infrastructure will be funded at the rate of 100 per cent. However, there will be some instances where 100 per cent funding is not applied, such as:

- where the PPWS has opted to utilise infrastructure or equipment which is not the lowest cost option for the safe delivery of fluoride (as advised by the IPMG);
- where the PPWS has decided to undertake a fluoride delivery method, which, in the opinion of the IPMG professional technical review team, is not the lowest cost option for the safe delivery of fluoride;
- where the PPWS has included works which are not associated with the safe delivery of fluoride (e.g. replacement of existing parts); or
- where the PPWS is receiving other State or Federal Government funding towards the project.

Each PPWS (defined by the Act) listed in Schedule 1 of the Regulation, outside South East Queensland, is an eligible applicant for QFCAP funding.

DSDIP Release

RTI Document No. 308

QFCAP provides funding towards capital works associated with the design and installation of fluoridation infrastructure. Eligible works include design, construction and commissioning and initial plant operator training.

Recurrent costs associated with operations and maintenance are excluded, apart from an allowance for the first three years provided to Indigenous communities which have implemented fluoridation under QFCAP.

Amendments to the Act repealing the mandatory requirement for water supplies servicing greater than 1000 residents to be fluoridated were debated and passed by Parliament on 29 November 2012, receiving assent on 5 December 2012. The amendments require local governments to decide whether or not to fluoridate based on the best interests of the community.

To accompany the amendments to the Act, the Regulation has been amended to remove Schedule 1 of the Regulation. Schedule 1 listed the water supplies to be fluoridated and the dates before which fluoride must be added to a water supply. Regulation amendments were passed by the Governor in Council on 20 December 2012.

PPWS that have expended funding on fluoridation in good faith, when fluoridation was mandatory, but decide not to continue with fluoridation or cease dosing fluoride, will be reimbursed eligible costs for fluoridation.

The QFCAP will continue until 30 June 2014, to enable PPWS sufficient time to submit reimbursement claims due to:

- community consultation, where undertaken, to assist local governments in the decision making process;
- contract negotiation where PPWS pull out of a construction contract; or
- delays in commencement of fluoridation infrastructure, for those that decide to continue implementation of fluoridation, while PPWS awaited Act amendments.

With the removal of Schedule 1 of the Regulation any PPWS, regardless of population serviced, will be eligible to apply for funding under the QFCAP for fluoridation infrastructure, where the Council makes the decision to fluoridate. Payment claims will need to be finalised prior to the completion of QFCAP in June 2014.

DSDIP RTI Release

Ref 80

Michael Norris

From: Catherine Parfitt <FDA@btrc.qld.gov.au>
Sent: Monday, 18 November 2013 12:53 PM
To: Fluoride
Cc: CEO - Blackall-Tambo Regional Council; Les Edmistone; Colin Duffy
Subject: Supporting Documents for Fluoridation of the Blackall Water Plant
Attachments: Summary of Expenditure- BTRC Fluoridation of Water Plant.xlsx; PCS Job Cost reports.pdf; PCS Screen shot.docx

Michael Norris
Senior Project Officer
Major Projects Office
DSDIP

Hi Michael,
As previously advised to your office by our CEO Mr Ken Timms, the BTRC would like to commence reimbursement for eligible expenditure incurred on the 'Fluoridation of the Blackall Water Treatment Plant' project.

Please find **attached** the following financial documentation to support our claim for reimbursement:
-Summary of Expenditure
-Job Cost Reports and Invoices
-Screen Shot from our PCS Finance System

Should you require any further information please do not hesitate to contact me via my details listed below.

Regards,

Catherine Parfitt
Flood Damage Administrator

P: (07) 4621 6600
F: (07) 4657 8855
E: FDA@btrc.qld.gov.au

Blackall-Tambo
Regional Council
Exploring the past. Innovating the future.

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Please think of the environment before printing this email. Thanks

---

From: Catherine Parfitt
Sent: Thursday, 14 November 2013 4:29 PM
To: 'fluoride@dsdip.qld.gov.au'
Cc: Les Edmistone; Ken Timms
Subject: Fluoridation of the Blackall Water Plant

Michael Norris
Senior Project Officer

DSDIP - RTI Release

RTI Document No. 310

Major Projects Office
DSDIP

Hi Michael,

The Blackall Tambo Regional Council are not intending to proceed with the construction of water fluoridation infrastructure and will be submitting a reimbursement claim for eligible costs incurred to date of the project.

I have obtained supporting financial documentation to substantiate our claim however could you please provide a copy of the Expenditure Reimbursement Claim form, or advise of your preferred claim format.

If you would like to discuss the above, please contact me via my details listed below.

Cheers,

Catherine Parfitt
Flood Damage Administrator

P: (07) 4621 6600
F: (07) 4657 8855
E: FDA@btrc.qld.gov.au

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DSDIP RTI Release

RTI Document No. 311

Blackall Flouridation

Order No. **1501594** Cardno (Qld) Pty Ltd

Financial Year	Invoice Date	Tax Invoice	Received	Amount	GST	Amount Due	EFT Remit Details	Date Paid
2010/2011	12/01/2011	IA110116	20/01/2011	10,484.00	#######	11,532.40	E008361	25/01/2011
2010/2011	7/02/2011	IA110127	11/02/2011	5,242.00	524.20	5,766.20	E008612	1/03/2011
2010/2011	11/05/2011	IA110185	19/05/2011	4,134.00	413.40	4,547.40	E009456	7/06/2011
2011/2012	7/11/2011	IA120067	10/11/2011	1,120.00	112.00	1,232.00	E011367	20/12/2011
Total Amount Paid				**20,980.00**	**#######**	**23,078.00**		

DSDIP - RTI Release

Blackall Flouridation

Order No. **1501594** Cardno (Qld) Pty Ltd

Financial Year	Invoice Date	Tax Invoice	Received	Amount	GST	Amount Due	EFT Remit Details	Date Paid
2010/2011	12/01/2011	IA110116	20/01/2011	10,484.00	1,048.40	11,532.40	E008361	25/01/2011
2010/2011	7/02/2011	IA110127	11/02/2011	5,242.00	524.20	5,766.20	E008612	1/03/2011
2010/2011	11/05/2011	IA110185	19/05/2011	4,134.00	413.40	4,547.40	E009456	7/06/2011
2011/2012	7/11/2011	IA120067	10/11/2011	1,120.00	112.00	1,232.00	E011367	20/12/2011
Total Amount Paid				**20,980.00**	**2,098.00**	**23,078.00**		

DSDIP - RTI Release

Our ref: OUT13/2651

23 SEP 2013

Queensland Government

Department of State Development, Infrastructure and Planning

Mr Ken Timms
Chief Executive Officer
Blackall-Tambo Regional Council
PO Box 21
BLACKALL QLD 4472

Dear Mr Timms

I refer to the Queensland Fluoridation Capital Assistance Program (QFCAP) and a funding request by the Blackall-Tambo Regional Council (the council) in 2011 under this program for the "Fluoridation of the Blackall Water Treatment Plant" project.

The Department of State Development, Infrastructure and Planning's (DSDIP) records indicate that council engaged a professional service provider to prepare a fluoridation concept design report (FCDR) in order for the council to meet its obligations under the then applicable *Water Fluoridation Act 2008* (the Act) and *Water Fluoridation Regulation 2008* (the Regulation).

Amendments to the Act and Regulation in November and December 2012 removed the mandatory requirement for water fluoridation.

The purpose of this letter is to:

- bring to the council's attention that the QFCAP ceases on 30 June 2014, and all expenditure reimbursement claims must be lodged with DSDIP by 1 April 2014;
- determine the council's intentions regarding water fluoridation; and
- determine whether council will be seeking reimbursement for expenditure incurred in preparing the FCDR or any other eligible expenses.

The procedure by which council can seek reimbursement is detailed at **Attachment 1**.

Should council wish to commence the reimbursement process for eligible expenditure incurred on the "Fluoridation of the Blackall Water Treatment Plant", please contact Mr Michael Norris, Senior Project Officer, Major Projects Office, DSDIP on 3404 8214, who will be pleased to assist or e-mail fluoride@dsdip.qld.gov.au

Yours sincerely

Sch. 4(4)(6)

Stuart Pickering
Deputy Director-General
Major Projects Office

Enc. 1

63 George Street
PO Box 15009
City East Queensland 4002
Telephone + 61 7 3247 3055
Facsimile + 61 7 3898 0486
Website: www.dsdip.qld.gov.au

DSDIP RTI Release

RTI Document No. 314

Attachment 1 to Department of State Development, Infrastructure and Planning letter to Blackall-Tambo Regional Council letter (reference OUT 13/2651)

Queensland Fluoridation Capital Assistance Program
Expenditure Reimbursement Procedures

Advise the Department of State Development, Infrastructure and Planning (DSDIP) council's intentions regarding water fluoridation in writing.

If the council intends to proceed with constructing water fluoridation infrastructure, it should contact DSDIP ***as soon as possible*** so a funding approval recommendation can be drafted.

If the council is not intending to proceed with constructing water fluoridation infrastructure, and it wishes to be reimbursed for eligible expenditure incurred on the "Fluoridation of the Blackall Water Treatment Plant" project, it should undertake the following steps:

- formally advise DSDIP it is not intending to proceed with the construction of water fluoridation infrastructure, and will be submitting reimbursement claims for eligible costs incurred to date on the project,
- determine the level of funds expended on the "Fluoridation of the Blackall Water Treatment Plant" project, along with supporting evidence from the council's finance systems, and
- submit the expenditure reimbursement claim and supporting evidence to DSDIP for eligibility assessment.

Upon agreement between council and DSDIP, a recommendation for a maximum funding level will be submitted to the Minister for State Development, Infrastructure and Planning.

Should the funding be approved, the council will be invited to enter into a financial incentive agreement (the agreement) with the State.

Council will be requested to complete a project close out report.

Once the agreement has been executed by both the council and DSDIP, and DSDIP has received a completed project close out report, the eligible expenditure incurred will be reimbursed.

Please note:
- all amounts are to be GST exclusive.
- as the QFCAP closes on 30 June 2014, it is recommended that council finalises this matter as soon as is practicable.

DSDIP - RTI Release

RTI Document No. 315

Blackall-Tambo Regional Council

Transactions History
Total(J/C Items and above, 6050-0041-0000)
Financial Year Ending 2012

Printed(COLIND): 04-11-2013 3:30:43 PM

Job Cost No	Description	Acc Type	Payroll	Plant	Stores	Creditors	Total	Period	System		Cost	OnCost	Total			
6050-0041-0000	Fluoridation Concept Design Re	Job	0.00	0.00	0.00	1120.00	1120.00	30	Cred.		10484.00		10484.00			
									Creditor Code	Name				Total	GST	Net
									CARDQP	Cardno (Qld) Pty Ltd				11532.40	1048.40	10484.00
								35	Cred.		5242.00		5242.00			
									Creditor Code	Name				Total	GST	Net
									CARDQP	Cardno (Qld) Pty Ltd				5766.20	524.20	5242.00
								47	Cred.		4134.00		4134.00			
									Creditor Code	Name				Total	GST	Net
									CARDQP	Cardno (Qld) Pty Ltd				4547.40	413.40	4134.00
								25	Cred.		1120.00		1120.00			
									Creditor Code	Name				Total	GST	Net
									CARDQP	Cardno (Qld) Pty Ltd				1232.00	112.00	1120.00

Totals (Job Cost Items)	Payroll	Plant	Stores	Creditors	Total
	0.00	0.00	0.00	0.00	0.00

End of Report

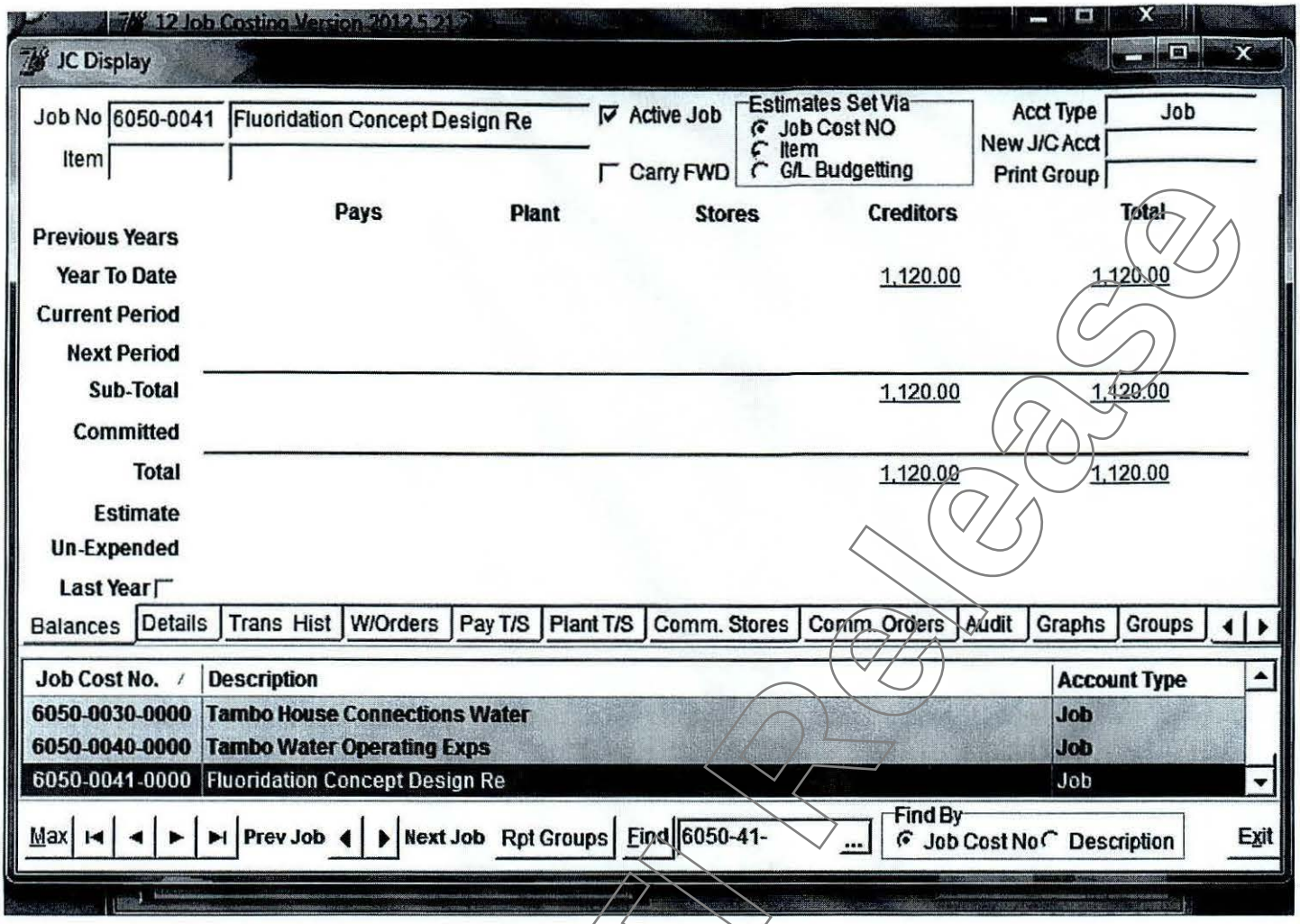
2010/11 19860.00

2011/12 1120.00

TOTAL $20980.00

DSDIP - RTI Release

RTI Document No. 316



2011/12

DSDIP - RTI Release

Job Cost No	Description	Acc Type	Payroll	Plant	Stores	Creditors	Total	Period	System	Cost	OnCost	Total
6050-0041-0000	Fluoridation Concept Design Re	Job	0.00	0.00	0.00	19860.00	19860.00	30	Cred.	10484.00		10484.00

Creditor Code	Name	Total	GST	Net
CARDQP	Cardno (Qld) Pty Ltd	11532.40	1048.40	10484.00

35	Cred.	5242.00		5242.00

Creditor Code	Name	Total	GST	Net
CARDQP	Cardno (Qld) Pty Ltd	5766.20	524.20	5242.00

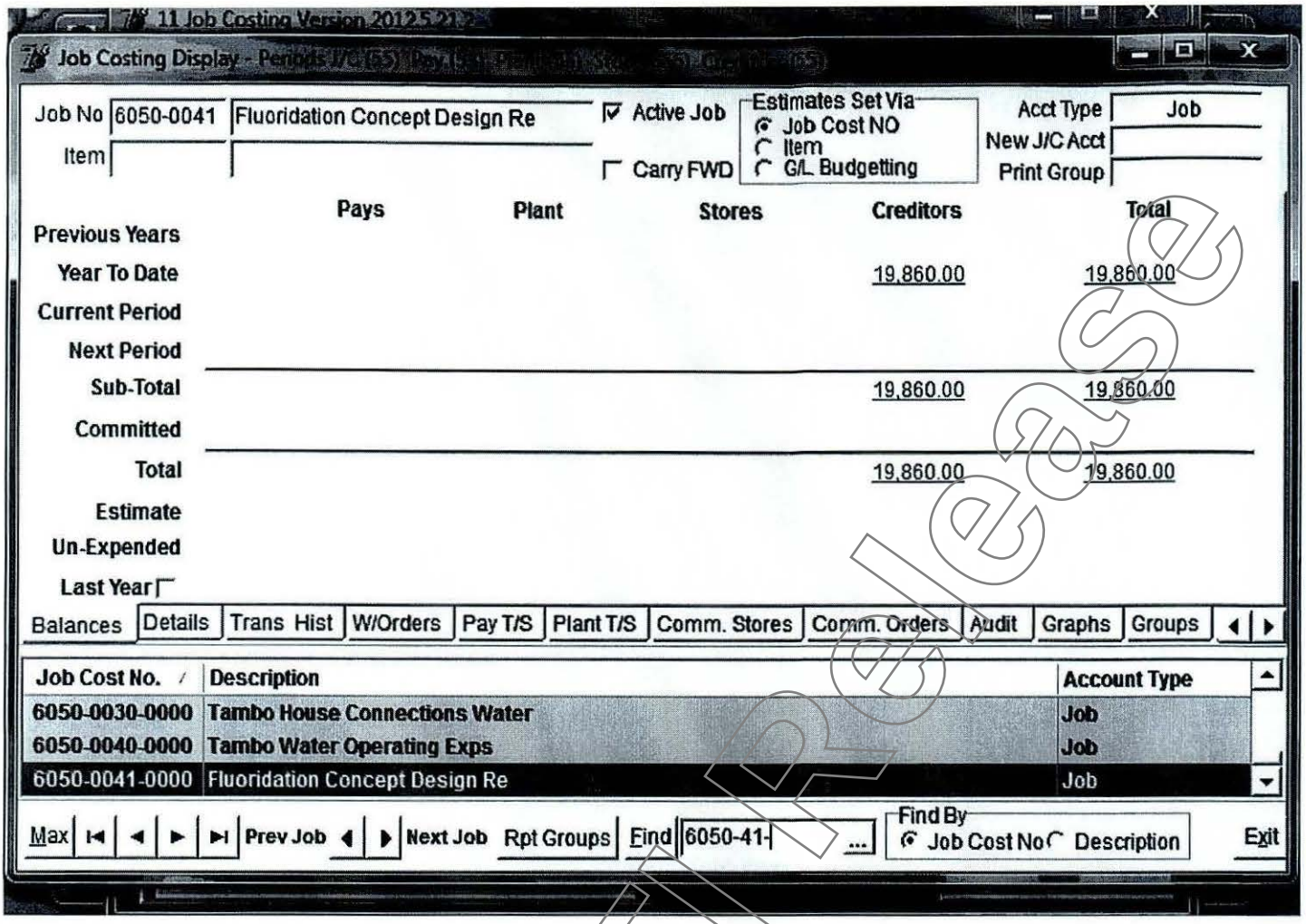
47	Cred.	4134.00		4134.00

Creditor Code	Name	Total	GST	Net
CARDQP	Cardno (Qld) Pty Ltd	4547.40	413.40	4134.00

Totals (Job Cost Items)	Payroll	Plant	Stores	Creditors	Total
	0.00	0.00	0.00	0.00	0.00

End of Report

DSDIP - RTI Release



2010/11

DSDIP - RTI Release

Blackall-Tambo Regional Council Financial Year Ending 2011 Printed(GLENYSK): 25-01-2011 12:59:27

Creditor	Name
CARDQP	Cardno (Qld) Pty Ltd Green Square North Tower 515 St Paul's Terrace FORTITUDE VALLEY QLD 4006

EFT Ref	Date	Total
E008361	25-01-2011	11532.40

Date	Reference	Summary	Amount
12-01-2011	A110116	Professional Services	11532.40

G/L Account	Description	Amount
6050-2000-0000	Operating Expenses-Water	10484.00
0190-3000-0000	GST Receivable	1048.40
	Total	11532.40

Sch. 4(4)(6)

Authorization :

25 JAN 2011

DSDIP - RTI Release

RTI Document No. 320

TAX INVOICE

Invoice # : IA110116
Project : 763801
Contact : STEVE TANSLEY
Invoice Date : 12/1/2011

Blackall-Tambo Regional Council
RECEIVED
Doc #
20 JAN 2011
Action Council | Information
Task

Blackall-Tambo Regiona
PO Box 21
BLACKALL QLD 4472

Attention: Ian Dukes

Cardno
Shaping the Future

Cardno (QLD) Pty Ltd
ABN 57 051 074 992
Level 11, North Tower, 515 St Pauls Tce
Locked Bag 4006
Fortitude Valley QLD 4006 Australia
Telephone: 07 3369 9822
Facsimile: 07 3369 9722
International: +61 7 3369 9822
Email: cardno@cardno.com.au
Web: www.cardno.com.au

Project Name : CDR Blackall Fluoridation
Order No: 1501594

For Professional Services Rendered through: 31/12/2010

Agreed Fee: $19,860.00
This Claim: $10,484.00
Previously Claimed: NIL

Current Invoice		10,484.00
GST		1,048.40
Amount Due This Invoice	AUD	$11,532.40

Part claim
OK to Pay
Sch. 4(4)(6)

See over

Remittance Advice

Please return this portion with your payment to :

Inv No: IA110116 Please quote this number when making EFT payments
Project: 763801
Client: Blackall-Tambo Regional Council
Total of Tax Invoice: AUD $11,532.40
Direct Deposit Details: HSBC Bank
BSB 344 031 AC 283807001

Credit Card Payments: Visit www.cardno.com.au
Master Card, Visa accepted - (No surcharge applies).

Terms: Nett 14 Days Email Remittance Advices to eftremitts@cardno.com.au

Cardno (QLD) Pty Ltd
ABN: 57 051 074 992
Level 11, North Tower, 515 St Pauls
Locked Bag 4006
Fortitude Valley QLD 4006 Australia

DSDIP - RTI Release

Duplicate Copy

Creditor : CARDQP

Cardno (Qld) Pty Ltd
Green Square North Tower
515 St Paul's Terrace
FORTITUDE VALLEY QLD 4006

Order No	1501594 **Page :** 1 of 1
Order Date	23-11-2010
Delivery Due By	23-11-2010
Deliver To	
Ship Via	
Account No	

Phone : 07 3369 9822 **Fax :** 07 3369 9722

Requisitioned By : Paul Martin **Reqn. No :** 4026

Description of Goods and Services	Quantity	Units	Value	Cost Type	Account	Account Description	Expenditure
Acceptance of fee proposal for Fluoridation Concept Design Report - Blackall	1	ONLY	21,648.00 (Est)	J/Costing	6050-0041-0000	Fluoridation Concept Design Re	21,648.00

CONFIRMATION OF REQUISITION **21,648.00**

Part claim 2/1/11

Special Instructions	Authorised Officer	Received in Good Order & Condition
	Paul Martin Manager of Works	Sch. 4(4)(6) ...../...../..... Page : 1 of 1 Order No 1501594

DSDIP - RTI Release

RTI Document No. 322

Blackall-Tambo Regional Council Financial Year Ending 2011 Printed(ADRIANW): 01-03-2011 3:24:44 PM

Creditor	Name	EFT Ref	Date	Total
CARDQP	Cardno (Qld) Pty Ltd Green Square North Tower 515 St Paul's Terrace FORTITUDE VALLEY QLD 4006	E008612	01-03-2011	5766.20

Date	Reference	Summary	Amount
07-02-2011	IA110127	CDR BLACKALL FLOURIDATION	5766.20

G/L Account	Description	Amount
6050-2000-0000	Operating Expenses-Water	5242.00
0190-3000-0000	GST Receivable	524.20
	Total	5766.20

Sch. 4(4)(6)

Authorization ----------

DSDIP - RTI Release

TAX INVOICE

Invoice # : IA110127
Project : 763801
Contact : STEVE TANSLEY
Invoice Date : 7/2/2011

Blackall-Tambo Regional Council
RECEIVED
Doc #
11 FEB 2011
Action | Information
Task

Cardno
Shaping the Future

Cardno (QLD) Pty Ltd
ABN 57 051 074 992
Level 11, North Tower, 515 St Pauls Tce
Locked Bag 4006
Fortitude Valley QLD 4006 Australia
Telephone: 07 3369 9822
Facsimile: 07 3369 9722
International: +61 7 3369 9822
Email: cardno@cardno.com.au
Web: www.cardno.com.au

Blackall-Tambo Regional Council
PO Box 21
BLACKALL QLD 4472

Attention: Ian Dukes

Project Name : CDR Blackall Fluoridation – Order No: 1501594

For Professional Services Rendered through: 28/01/2011

Agreed Fee: $19,860.00
This Claim: $15,726.00
Previously Claimed: $10,484.00

Current Invoice		5,242.00
GST		524.20
Amount Due This Invoice	**AUD**	$5,766.20

Remittance Advice

Please return this portion with your payment to :

Inv No: IA110127 Please quote this number when making EFT payments
Project: 763801
Client: Default
Total of Tax Invoice: AUD $5,766.20
Direct Deposit Details: HSBC Bank
BSB 344 031 AC 283807001

Credit Card Payments: Visit www.cardno.com.au
Master Card, Visa accepted - (No surcharge applies).

Terms: Nett 14 Days Email Remittance Advices to eftremitts@cardno.com.au

Cardno (QLD) Pty Ltd
ABN: 57 051 074 992
Level 11, North Tower, 515 St Pauls
Locked Bag 4006
Fortitude Valley QLD 4006 Australia

DSDIP - RTI Release

RTI Document No. 324

Duplicate Copy

Creditor : CARDQP

Cardno (Qld) Pty Ltd
Green Square North Tower
515 St Paul's Terrace
FORTITUDE VALLEY QLD 4006

Order No 1501594	**Page :** 1 of 1
Order Date	23-11-2010
Delivery Due By	23-11-2010
Deliver To	
Ship Via	
Account No	

Phone : 07 3369 9822 **Fax :** 07 3369 9722

Requisitioned By : Paul Martin **Reqn. No :** 4026

Description of Goods and Services	Quantity	Units	Value	Cost Type	Account	Account Description	Expenditure
Acceptance of fee proposal for Fluoridation Concept Design Report - Blackall	1	ONLY	21,648.00 (Est)	J/Costing	6050-0041-0000	Fluoridation Concept Design Re	21,648.00

CONFIRMATION OF REQUISITION **21,648.00**

Part claim 21/1/11

Special Instructions	Authorised Officer	Received in Good Order & Condition
	Sch. 4(4)(6)	Sch. 4(4)(6)
	Paul Martin	...../...../.....
	Manager of Works	Page 1 of 1 **Order No 1501594**

DSDIP - RTI Release

RTI Document No. 325

Creditor	Name	EFT Ref	Date	Total
CARDQP	Cardno (Qld) Pty Ltd Green Square North Tower 515 St Paul's Terrace FORTITUDE VALLEY QLD 4006	E009456	07-06-2011	4547.40

Date	Reference	Summary	Amount
11-05-2011	IA110185	CDR BLACKALL FLURIDATION	4547.40

G/L Account	Description	Amount
6050-2000-0000	Operating Expenses-Water	4134.00
0190-3000-0000	GST Receivable	413.40
	Total	4547.40

Sch. 4(4)(6)

Authorization _____

DSDIP - RTI Release

TAX INVOICE

Invoice # : IA110185
Project : 763801
Contact :
Invoice Date : 11/5/2011

Blackall-Tambo Regional Council
RECEIVED
Doc #
19 MAY 2011
Action
Information
Task

Blackall-Tambo Regional Council
PO Box 21
BLACKALL QLD 4472

Attention: Ian Dukes

Cardno (QLD) Pty Ltd
ABN 57 051 074 992
Level 11, North Tower, 515 St Pauls Tce
Locked Bag 4006
Fortitude Valley QLD 4006 Australia
Telephone: 07 3369 9822
Facsimile: 07 3369 9722
International: +61 7 3369 9822
Email: cardno@cardno.com.au
Web: www.cardno.com.au

Project Name : Blackall Fluoridation
CDR Blackall Fluoridation - Order No: 1501594

For Professional Services Rendered through: 29/04/2011

Agreed Fee:	$19,860.00
This Claim:	$19,860.00
Previously Claimed:	$15,726.00

Current Invoice		4,134.00
GST		413.40
Amount Due This Invoice	**AUD**	$4,547.40

Remittance Advice

Please return this portion with your payment to :

Inv No: IA110185 **Please quote this number when making EFT payments**
Project: 763801
Client: Blackall-Tambo Regional Council
Total of Tax Invoice: **AUD** $4,547.40
Direct Deposit Details: HSBC Bank
BSB 344 031 AC 283807001
Credit Card Payments: Visit **www.cardno.com.au**
Master Card, Visa accepted - (No surcharge applies).
Terms: Nett 14 Days **Email Remittance Advices to eftremitts@cardno.com.au**

Cardno (QLD) Pty Ltd
ABN: 57 051 074 992
Level 11, North Tower, 515 St Pauls
Locked Bag 4006
Fortitude Valley QLD 4006 Australia

DSDIP - RTI Release

Duplicate Copy

Creditor : CARDQP

Cardno (Qld) Pty Ltd
Green Square North Tower
515 St Paul's Terrace
FORTITUDE VALLEY QLD 4006

Phone : 07 3369 9822 **Fax :** 07 3369 9722

Requisitioned By : Paul Martin **Reqn. No :** 4026

Order No	1501594 **Page :** 1 of 1
Order Date	23-11-2010
Delivery Due By	23-11-2010
Deliver To	
Ship Via	
Account No	

Description of Goods and Services	Quantity	Units	Value	Cost Type	Account	Account Description	Expenditure
Acceptance of fee proposal for Fluoridation Concept Design Report - Blackall	1	ONLY	21,648.00 (Est)	J/Costing	6050-0041-0000	Fluoridation Concept Design Re	21,648.00

CONFIRMATION OF REQUISITION **21,648.00**

PART CLAIM 21/1/11

Special Instructions	Authorised Officer	Received in Good Order & Condition
	Sch. 4(4)(6)	Sch. 4(4)(6)
	Paul Martin	...../...../.....
	Manager of Works	Page : 1 of 1 **Order No 1501594**

DSDIP - RTI Release

RTI Document No. 328

Blackall-Tambo Regional Council Financial Year Ending 2012 Printed(KAYLAR): 20-12-2011 3:27:37 PM

Creditor	Name
CARDQP	Cardno (Qld) Pty Ltd Green Square North Tower 515 St Paul's Terrace FORTITUDE VALLEY QLD 4006

EFT Ref	Date	Total
E011367	20-12-2011	1232.00

Date	Reference	Summary	Amount
07-11-2011	IA120067	Project 763801 Blackall Fluord	1232.00

G/L Account	Description	Amount
6050-2000-0000	Operating Expenses-Water	1120.00
0190-3000-0000	GST Receivable	112.00
	Total	1232.00

Sch. 4(4)(6)

Authorization _____

DSDIP - RTI Release

TAX INVOICE

Invoice # : IA120067
Project : 763801
Contact : Steve Tansley
Invoice Date : 7/11/2011

Blackall-Tambo Regional Council
RECEIVED
Doc #
10 NOV 2011
Action | Information
Task

Cardno
Shaping the Future

Cardno (QLD) Pty Ltd
ABN 57 051 074 992
Level 11, North Tower, 515 St Pauls Tce
Locked Bag 4006
Fortitude Valley QLD 4006 Australia
Telephone: 07 3369 9822
Facsimile: 07 3369 9722
International: +61 7 3369 9822
Email: cardno@cardno.com.au
Web: www.cardno.com.au

Blackall-Tambo Regional Council
PO Box 21
BLACKALL QLD 4472

Attention: Ian Dukes

Project Name : Blackall Fluoridation
CDR Blackall Fluoridation - Order No: 1501594

For Professional Services Rendered through: 28/10/2011

Review of Discharge into Barcoo River

Kate Selby	8hrs @ $140/hr	$1120.00

Current Invoice		1,120.00
GST		112.00
Amount Due This Invoice	**AUD**	$1,232.00

Remittance Advice

Please return this portion with your payment to :

Inv No: IA120067 **Please quote this number when making EFT payments**
Project: 763801
Client: Blackall-Tambo Regional Council
Total of Tax Invoice: AUD $1,232.00
Direct Deposit Details: HSBC Bank
BSB 344 031 AC 283807001

Credit Card Payments: Visit **www.cardno.com.au**
Master Card, Visa accepted - (No surcharge applies).

Terms: Nett 14 Days Email Remittance Advices to eftremitts@cardno.com.au

Cardno (QLD) Pty Ltd

ABN: 57 051 074 992
Level 11, North Tower, 515 St Pauls
Locked Bag 4006
Fortitude Valley QLD 4006 Australia

DSDIP - RTI Release

Duplicate Copy

Creditor : CARDQP

Cardno (Qld) Pty Ltd
Green Square North Tower
515 St Paul's Terrace
FORTITUDE VALLEY QLD 4006

Phone : 07 3369 9822 **Fax :** 07 3369 9722

Requisitioned By : Darren Webb **Reqn. No :**

Order No 1600529	**Page :** 1 of 1
Order Date	16-12-2011
Delivery Due By	16-12-2011
Deliver To	
Ship Via	
Account No	

Description of Goods and Services	Quantity	Units	Value	Cost Type	Account	Account Description	Expenditure
FLUROIDATION CONCEPT REVIEW	1	ONLY	1,232.00 (Est)	J/Costing	6050-0041-0000	Fluoridation Concept Design Re	1,232.00

CONFIRMATION OF REQUISITION **1,232.00**

Special Instructions	Authorised Officer	Received in Good Order & Condition
	Sch. 4(4)(6)	Sch. 4(4)(6)
	Darren Webb	16/12/2011
	Acting Manager of Works	**Page :** 1 of 1 **Order No** 1600529

DSDIP - RTI Release

Michael Norris

From: Catherine Parfitt <FDA@btrc.qld.gov.au>
Sent: Monday, 18 November 2013 12:53 PM
To: Fluoride
Cc: CEO - Blackall-Tambo Regional Council; Les Edmistone; Colin Duffy
Subject: Supporting Documents for Fluoridation of the Blackall Water Plant
Attachments: Summary of Expenditure- BTRC Fluoridation of Water Plant.xlsx; PCS Job Cost reports.pdf; PCS Screen shot.docx

Michael Norris
Senior Project Officer
Major Projects Office
DSDIP

Hi Michael,
As previously advised to your office by our CEO Mr Ken Timms, the BTRC would like to commence reimbursement for eligible expenditure incurred on the 'Fluoridation of the Blackall Water Treatment Plant' project.

Please find **attached** the following financial documentation to support our ~~Claim~~ for reimbursement:
-Summary of Expenditure
-Job Cost Reports and Invoices
-Screen Shot from our PCS Finance System

Should you require any further information please do not hesitate to contact me via my details listed below.

Regards,

Catherine Parfitt
Flood Damage Administrator

P: (07) 4621 6600
F: (07) 4657 8855
E: FDA@btrc.qld.gov.au

Blackall-Tambo
Regional Council
Exploring the past. Innovating the future.

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This email is an informal Council communication. The Council only accepts responsibility for information sent under official letterhead and duly signed by, or on behalf of, the Chief Executive Officer.

Please think of the environment before printing this email. Thanks

---

From: Catherine Parfitt
Sent: Thursday, 14 November 2013 4:29 PM
To: 'fluoride@dsdip.qld.gov.au'
Cc: Les Edmistone; Ken Timms
Subject: Fluoridation of the Blackall Water Plant

Michael Norris
Senior Project Officer

DSDIP - RTI Release

RTI Document No. 332

Major Projects Office
DSDIP

Hi Michael,

The Blackall Tambo Regional Council are not intending to proceed with the construction of water fluoridation infrastructure and will be submitting a reimbursement claim for eligible costs incurred to date of the project.

I have obtained supporting financial documentation to substantiate our claim however could you please provide a copy of the Expenditure Reimbursement Claim form, or advise of your preferred claim format.

If you would like to discuss the above, please contact me via my details listed below.

Cheers,

Catherine Parfitt
Flood Damage Administrator

P: (07) 4621 6600
F: (07) 4657 8855
E: FDA@btrc.qld.gov.au

Blackall-Tambo
Regional Council
Exploring the past, innovating the future.

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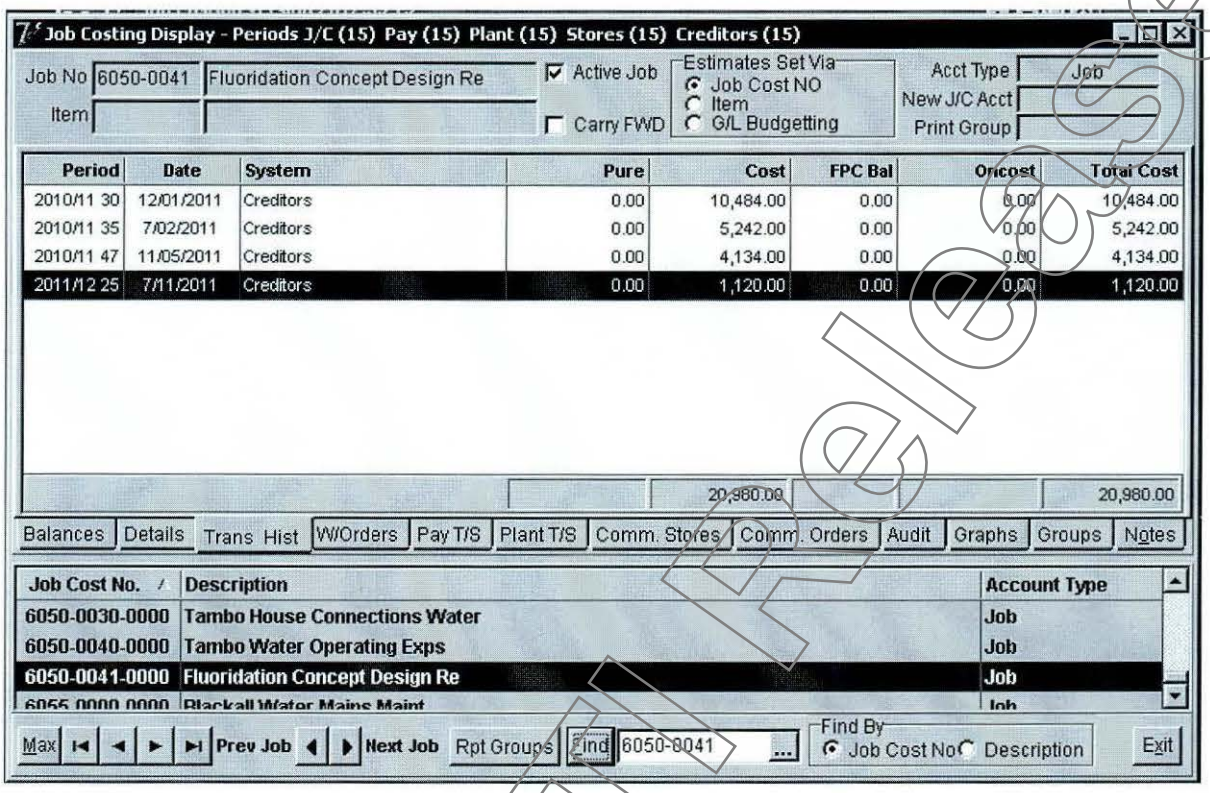
DSDIP - RTI Release

RTI Document No. 333



DSDIP - RTI Release

Ref 81

Received

17 DEC 2013

ESU

Ref No: MBN13/205

DSDIP – BRIEF FOR DECISION	Date: 28 November 2013

SUBJECT: Approval of funds for Cassowary Coast Regional Council under the Queensland Fluoridation Capital Assistance Program

~~NOTED~~ or ~~APPROVED/NOT APPROVED~~
APPROVED

Sch. 4(4)(6)

~~Hon. Jeff Seeney MP~~
Deputy Premier, Minister for State Development, Infrastructure and Planning

Date: 17/12/13.

RECOMMENDATIONS:

That you:

- **approve** funding up to a maximum of $128 500.00 (excluding GST) under the Queensland Fluoridation Capital Assistance Program (QFCAP) to Cassowary Coast Regional Council for expenditure incurred to date on the remaining five fluoridation projects listed in Table 1 for the preparation of a fluoridation concept design report
- **sign** the attached letter to Councillor Bill Shannon, Mayor of Cassowary Coast Regional Council (**Attachment 1**)
- **note** that Mr David Edwards, Director-General, Department of State Development, Infrastructure and Planning, will write to Mr Terry Brennan, Chief Executive Officer, of Cassowary Coast Regional Council to advise him of your decision (**Attachment 3**).

BACKGROUND:

In order to assist Queensland local governments with the cost of implementing water fluoridation, the Department of State Development, Infrastructure and Planning (DSDIP) manages the QFCAP. QFCAP provides up to 100 per cent funding of eligible works for the lowest cost option for the safe provision of water fluoridation. The *Water Fluoridation Act 2008* (the Act) and the *Water Fluoridation Regulation 2008* (the Regulation) provide the legislative framework for the QFCAP.

The Act was amended by Parliament on 29 November 2012 and received assent on 5 December 2012. The amendments repealed the mandatory requirement for water supplies servicing greater than 1000 residents to be fluoridated. This now requires local governments to decide whether or not to proceed with fluoridation based on the best interests of the community. Please refer to background details of QFCAP (**Attachment 2**).

KEY ISSUES:

As a result of council electing to not proceed with water fluoridation projects, savings have been realised in the QFCAP capital budget. Consequently, adequate funds remain in the QFCAP budget to fund this request.

Prior to the latest amendments of the Act and Regulation, council was required to commence fluoride dosing by 31 December 2012. In order to access QFCAP funding, council was required to engage a professional service provider to prepare fluoridation concept design reports (FCDR) for the sites detailed in Table 1.

On 23 May 2013, council resolved not to fluoridate water schemes located at Nyleta, Tully and Cardwell. This included the Jurs Creek Water Treatment Plant (WTP) which is located within the Nyleta water scheme and the South Mission WTP which is located within the Tully water scheme.

Author details	Endorsed by:	Endorsed by:
Name: Ian McFarland	Stuart Pickering DDG	David Edwards
Position: Major Projects	Business Group: Major Projects	Position: Director-General
Telephone: 3452 7766	Telephone: 3452 7781	Telephone: 3227 8451

28/11

DSDIP RTI Release

RTI Document No. 335

Plant location	%	Ex GST $
Fluoridation of the Cardwell Water Treatment Plant (WTP)	20%	$25,709.00
Fluoridation of the Jurs Creek Water Treatment Plant (WTP)	19%	$24,798.00
Fluoridation of the Nyleta Creek Water Treatment Plant (WTP)	23%	$29,091.00
Fluoridation of the South Mission Water Treatment Plant (WTP)	18%	$23,769.00
Fluoridation of the Tully Water Treatment Plant (WTP)	20%	$25,133.00
	100%	$128,500.00

Table 1

DSDIP has been working with council officers over several months to discuss the requirements to close out these QFCAP funded projects.

On 14 November 2013, the Deputy Director-General, Major Projects Office, wrote to council requesting that it advise its intentions regarding expenditure reimbursement submissions for the project listed in Table 1 (**Attachment 3**).

On 18 November 2013, council emailed DSDIP supporting documentation for claiming the concept design costs for assessment and validation totalling $128,500.00 (excluding GST). Council allocated the Cardno FCDR invoice cost breakdown as itemised in Table 1 above using the initial project cost percentages.

Should you agree to approve QFCAP funds for these projects, council will be required to enter into a Financial Incentive Agreement with the State, and QFCAP officers will instigate this process.

As at 25 November 2013, 93 projects had received QFCAP funding approvals totalling $58.20 million. While the QFCAP budget is $58.65 million, savings from projects completed under budget total $8.20 million, leaving $8.65 million of QFCAP funding available to fund water fluoridation infrastructure projects.

The approval of $128,500.00 (excluding GST) for the fluoridation projects being sought in this brief can be met from the $8.65 million remaining in the QFCAP budget.

RESULTS OF CONSULTATION:

The funding recommendations were reviewed in conjunction with council's water fluoridation program and invoices supplied by DSDIP officers.

DSDIP - RTI Release

RTI Document No. 336

Ref 82.

Hon Jeff Seeney MP
Deputy Premier
Minister for State Development, Infrastructure and Planning

Queensland Government

Our ref: MBN13/205

20 DEC 2013

Councillor Bill Shannon
Mayor
Cassowary Coast Regional Council
PO Box 887
INNISFAIL QLD 4860

Dear Councillor Shannon

I refer to the Cassowary Coast Regional Council's request for funding under the Queensland Fluoridation Capital Assistance Program.

Following assessment of information provided on 18 November 2013, I am pleased to advise I have approved total funding up to a maximum of $128 500.00 (GST exclusive) for the Fluoridation of the Cardwell, Jurs Creek, Nyleta Creek, South Mission and Tully water treatment plant projects. The funding is towards eligible expenditure reimbursement for the cost of preparing a fluoridation concept design report.

Mr David Edwards, Director-General, Department of State Development, Infrastructure and Planning, will write to Mr Terry Brennan, Chief Executive Officer, notifying him of the funding approval and will shortly provide Mr Brennan with details of a Financial Incentive Agreement that council will be required to enter into in order to complete the funding approval process.

If you require any further information, Jeff Popp in my office will assist and can be contacted on 3719 7100.

Yours sincerely

Sch. 4(4)(6)

JEFF SEENEY MP
DEPUTY PREMIER
Minister for State Development, Infrastructure and Planning

Level 12 Executive Building
100 George Street Brisbane
PO Box 15009 City East
Queensland 4002 Australia
Telephone +61 7 3224 4600
Facsimile +61 7 3210 2185
Email deputypremier@ministerial.qld.gov.au

DSDIP RTI Release

RTI Document No. 337

Ref 83

Queensland Government

Department of
State Development, Infrastructure and Planning

Our ref: CGMBN13/205

20 DEC 2013

Mr Terry Brennan
Chief Executive Officer
Cassowary Coast Regional Council
PO Box 887
INNISFAIL QLD 4860

Dear Mr Brennan

I refer to the Cassowary Coast Regional Council application for funding under the Queensland Fluoridation Capital Assistance Program.

I am pleased to advise that the Honourable Jeff Seeney MP, Deputy Premier, Minister for State Development, Infrastructure and Planning, has approved funding up to a maximum of $128 500.00 (excluding GST) for the fluoridation of the Cardwell, Jurs Creek, Nyleta Creek, South Mission and Tully water treatment plant projects. The funding is for eligible expenditure reimbursement for the cost of preparing a fluoridation concept design report.

The Deputy Premier has also written to Councillor Bill Shannon, Mayor of council, notifying him of the funding approval.

Officers from the Department of State Development, Infrastructure and Planning will contact you shortly with details of a Financial Incentive Agreement which council will be required to enter into in order to complete the funding approval process. Information regarding the process for council to seek reimbursement of project expenses will also be included with this letter.

If you require any further information, please contact Mr Bruce Redpath, Program Manager, Major Projects Office, on 3452 7763 or email bruce.redpath@dsdip.qld.gov.au, who will be pleased to assist.

Yours sincerely

Sch. 4(4)(6)

David Edwards
Director-General

Executive Building
100 George Street Brisbane
PO Box 15009 City East
Queensland 4002 Australia
Telephone +61 7 3227 8548
Website www.dsdip.qld.gov.au
ABN 29 230 178 530

DSDIP RTI Release

RTI Document No. 338

Ref 84

Attachment 2
Background Information relating to
the Queensland Fluoridation Capital Assistance Program

In December 2007, the Queensland Government introduced new legislation regarding the introduction of fluoride to Queensland's drinking water supplies. The *Water Fluoridation Act 2008* (the Act) requires an eligible Public Potable Water Supplier (PPWS) to implement fluoridation within the timeframe prescribed in the *Water Fluoridation Regulation 2008* (the Regulation). A relevant PPWS under the Act means a PPWS supplying potable water to at least 1000 members of the public.

Department of Health (DOH) administers the Act and subordinate legislation which establishes the implementation program and administrative and regulatory arrangements. DOH also sets the prescribed concentration of fluoride in drinking water and has monitoring responsibility once fluoridation plants become operational (following implementation). DOH has published and retains responsibility for the Water Fluoridation Code of Practice for the design and operation of fluoridation plants.

The Major Projects Office is leading the infrastructure implementation of the Queensland Water Fluoridation Program (QWFP) from 2008-2014.

The Infrastructure Project Management Group (IPMG) guides the implementation of water fluoridation by PPWSs (Councils and Water Boards). The departmentally managed IPMG contracts professional technical services from two companies (Cardno Pty Ltd and Beca Pty Ltd), to ensure the safe implementation of the QWFP in accordance with the Act, supporting Regulation and codes, and to meet the implementation schedule as announced by the former Premier in December 2007.

QFCAP funding guidelines provide for funding of reasonable, lowest life cycle costs directly related to fluoridation. The proposed method of fluoride dosing must also conform to the Water Fluoridation Code of Practice. The Major Projects Office administers QFCAP and recommends QFCAP funding for each PPWS, based on recommendations of the IPMG.

The Queensland Government has allocated funding to QFCAP over a six-year period, from 1 July 2008 to 30 June 2014, to assist each PPWS outside South East Queensland to safely implement fluoridation of regulated water supplies. Normally, fluoride dosing infrastructure will be funded at the rate of 100 per cent. However, there will be some instances where 100 per cent funding is not applied, such as:

- where the PPWS has opted to utilise infrastructure or equipment which is not the lowest cost option for the safe delivery of fluoride (as advised by the IPMG);
- where the PPWS has decided to undertake a fluoride delivery method, which, in the opinion of the IPMG professional technical review team, is not the lowest cost option for the safe delivery of fluoride;
- where the PPWS has included works which are not associated with the safe delivery of fluoride (e.g. replacement of existing parts); or
- where the PPWS is receiving other State or Federal Government funding towards the project.

Each PPWS (defined by the Act) listed in Schedule 1 of the Regulation, outside South East Queensland, is an eligible applicant for QFCAP funding.

DSDIP RTI Release

RTI Document No. 339

QFCAP provides funding towards capital works associated with the design and installation of fluoridation infrastructure. Eligible works include design, construction and commissioning and initial plant operator training.

Recurrent costs associated with operations and maintenance are excluded, apart from an allowance for the first three years provided to Indigenous communities which have implemented fluoridation under QFCAP.

Amendments to the Act repealing the mandatory requirement for water supplies servicing greater than 1000 residents to be fluoridated were debated and passed by Parliament on 29 November 2012, receiving assent on 5 December 2012. The amendments require local governments to decide whether or not to fluoridate based on the best interests of the community.

To accompany the amendments to the Act, the Regulation has been amended to remove Schedule 1 of the Regulation. Schedule 1 listed the water supplies to be fluoridated and the dates before which fluoride must be added to a water supply. Regulation amendments were passed by the Governor in Council on 20 December 2012.

PPWS that have expended funding on fluoridation in good faith, when fluoridation was mandatory, but decide not to continue with fluoridation or cease dosing fluoride, will be reimbursed eligible costs for fluoridation.

The QFCAP will continue until 30 June 2014, to enable PPWS sufficient time to submit reimbursement claims due to:

- community consultation, where undertaken, to assist local governments in the decision making process;
- contract negotiation where PPWS pull out of a construction contract; or
- delays in commencement of fluoridation infrastructure, for those that decide to continue implementation of fluoridation, while PPWS awaited Act amendments.

With the removal of Schedule 1 of the Regulation any PPWS, regardless of population serviced, will be eligible to apply for funding under the QFCAP for fluoridation infrastructure, where the Council makes the decision to fluoridate. Payment claims will need to be finalised prior to the completion of QFCAP in June 2014.

DSDIP RTI Release

Ref 85.

Received

Ref No: MBN14/388

DSDIP – BRIEF FOR DECISION	Date: 14 April 2014

ESU

SUBJECT: Approval of funds for McKinlay Shire Council under the Queensland Fluoridation Capital Assistance Program

NOTED or APPROVED/NOT APPROVED

Sch. 4(4)(6)

Hon. Jeff Seeney MP
Deputy Premier, Minister for State Development, Infrastructure and Planning

Date: 16/4/14

RECOMMENDATIONS:

That you:

- **approve** funding up to a maximum of $51 519.97 (excluding GST) under the Queensland Fluoridation Capital Assistance Program (QFCAP) to McKinlay Shire Council for expenditure incurred to date on the Water Fluoridation Blending - Julia Creek project for eligible fluoridation concept design report related costs
- **sign** the attached letter to Councillor Belinda Murphy, Mayor of McKinlay Shire Council (**Attachment 1**)
- **note** that Mr David Edwards, Director-General, Department of State Development, Infrastructure and Planning, will write to Mr John Kelly, Interim Chief Executive Officer, of McKinlay Shire Council to advise him of your decision.

BACKGROUND:

In order to assist Queensland local governments with the cost of implementing water fluoridation, the Department of State Development, Infrastructure and Planning (DSDIP) manages the QFCAP. QFCAP provides up to 100 per cent funding of eligible works for the lowest cost option for the safe provision of water fluoridation. The *Water Fluoridation Act 2008* (the Act) and the *Water Fluoridation Regulation 2008* (the Regulation) provide the legislative framework for the QFCAP.

The Act was amended by Parliament on 29 November 2012 and received assent on 5 December 2012. The amendments repealed the mandatory requirement for water supplies servicing greater than 1000 residents to be fluoridated. This now requires local governments to decide whether or not to proceed with fluoridation based on the best interests of the community. Please refer to background details of QFCAP (**Attachment 2**).

Prior to the latest amendments of the Act and Regulation, the council was not included in the Regulation which required Public Potable Water Suppliers to commence fluoride dosing. The Act amendments did allow new applicants to approach DSDIP for access to QFCAP funding.

Department of Health (DoH) officers initially fielded enquiries from council about the blending of water from several locations. Following discussion with DoH, which supported the project, officers from the council approached DSDIP to access the QFCAP to fund a project which set out to reduce the high levels of naturally occurring fluoride found in Julia Creek's bore water by blending water from all five bores at a central location.

KEY ISSUES:

While the QFCAP funding will cease on 30 June 2014, sufficient funds remain in QFCAP to approve this funding recommendation within the current timeframes.

Author details		Endorsed by:	Stuart Pickering DDG	Endorsed by:	David Edwards
Name:	Ian McFarland	Business Group:	Major Projects	Position:	Director-General
Position:	Major Projects	Telephone:	3452 7781	Telephone:	3227 8451
Telephone:	3452 7766	Signed:	11 April 2014		14/4/14

DSDIP RTI Release

RTI Document No. 341

In June 2013, council first approached DSDIP about accessing QFCAP funding for their water fluoridation project proposal and email correspondence was distributed outlining the process that the council needed to follow in terms of determining the eligibility of QFCAP funding. To access QFCAP funding, council was required to engage a professional service provider to prepare a Fluoridation Concept Design Report (FCDR).

On 9 December 2013, DSDIP received an electronic copy of council's FCDR. On 11 December 2013, DSDIP requested Beca Pty Ltd (Beca) to undertake an independent review of the FCDR noting that the review is intended to identify the lowest lifecycle cost option and confirm that the proposal is safe and in compliance with the fluoridation legislation and code of practice.

On 13 February 2014, Beca contacted council with a list of queries and requested further information about the proposed project. On 25 February 2014, DSDIP officers contacted council and were advised they had a new engineer starting and an interim Chief Executive Officer. On 28 February 2014, a teleconference was urgently arranged for all parties interested in this project to determine future actions.

On the 19 March 2014, council resolved not to proceed and to withdraw its application due to the imminent end of the QFCAP scheme, and council's limited technical human resources and other high priority works projects. On 21 March 2014, DSDIP received a letter from council confirming a decision had been made to not proceed with QFCAP funding.

Should you agree to approve QFCAP funds for this project to reimburse FCDR preparation and related costs, council will be required to enter into a Financial Incentive Agreement with the State, and QFCAP officers will instigate this process.

The QFCAP budget is $58,650,000.00 with $216,318.50 of this amount remaining to be allocated to projects.

As at 10 April 2014, 96 public potable water projects plus indigenous projects had received QFCAP funding approvals totalling $58,433,681.50.

Savings from projects completed under budget total $9,118,397.76. The revised QFCAP budget available to be allocated is $9,334,716.20.

The approval of $51,519.97 (excluding GST) being sought in this brief can be met from the remaining QFCAP budget.

RESULTS OF CONSULTATION:

The funding recommendations were reviewed in conjunction with council's water fluoridation program and invoices supplied to DSDIP for review and discussions with the DoH.

DSDIP - RTI Release

RTI Document No. 342

Ref 86

Hon Jeff Seeney MP
Deputy Premier
Minister for State Development, Infrastructure and Planning

Our ref: MBN14/388

16 APR 2014

Councillor Belinda Murphy
Mayor
McKinlay Shire Council
PO Box 177
JULIA CREEK QLD 4823

Dear Councillor Murphy

I refer to the McKinlay Shire Council's request for funding under the Queensland Fluoridation Capital Assistance Program.

Following assessment of the information provided, I am pleased to advise I have approved total funding up to a maximum of $51,519.97 (GST exclusive) for the Water Fluoridation Blending - Julia Creek project. The funding is towards reimbursement of eligible costs incurred in the preparation of the fluoridation concept design report.

David Edwards, Director-General, Department of State Development, Infrastructure and Planning, will write to John Kelly, council's interim Chief Executive Officer, notifying him of the funding approval, and will shortly provide Mr Kelly with details of a Financial Incentive Agreement that council will be required to enter into in order to complete the funding approval process.

If you require any further assistance, please do not hesitate to contact my office.

Yours sincerely

Sch. 4(4)(6)

JEFF SEENEY MP
DEPUTY PREMIER
Minister for State Development, Infrastructure and Planning

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DSDIP RTI Release

RTI Document No. 343

Queensland Government

Department of **State Development, Infrastructure and Planning**

Our ref: MBN14/388

17 APR 2014

Mr John Kelly
Interim Chief Executive Officer
McKinlay Shire Council
PO Box 177
JULIA CREEK QLD 4823

Dear ~~Mr~~ John Kelly

I refer to the McKinlay Shire Council application for funding under the Queensland Fluoridation Capital Assistance Program.

I am pleased to advise that the Honourable Jeff Seeney MP, Deputy Premier, Minister for State Development, Infrastructure and Planning, has approved funding up to a maximum of $51 519.75 (excluding GST) for the Water Fluoridation Blending - Julia Creek project. The funding is towards reimbursement of eligible costs incurred in the preparation of the fluoridation concept design report.

The Deputy Premier has also written to Councillor Belinda Murphy, Mayor of McKinlay Shire Council, notifying her of the funding approval.

Officers from the Department of State Development, Infrastructure and Planning (DSDIP) will contact you shortly with details of a Financial Incentive Agreement which council will be required to enter into in order to complete the funding approval process.

If you require any further information, please contact Kate Browning, Program Manager, Major Projects Office, DSDIP, on 3452 7876 or email fluoride@dsdip.qld.gov.au, who will be pleased to assist.

Yours sincerely

Sch. 4(4)(6)

David Edwards
Director-General

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DSDIP - RTI Release

RTI Document No. 344

Ref 88

Attachment 2
Background Information relating to
the Queensland Fluoridation Capital Assistance Program

In December 2007, the Queensland Government introduced new legislation regarding the introduction of fluoride to Queensland's drinking water supplies. The *Water Fluoridation Act 2008* (the Act) requires an eligible Public Potable Water Supplier (PPWS) to implement fluoridation within the timeframe prescribed in the *Water Fluoridation Regulation 2008* (the Regulation). A relevant PPWS under the Act means a PPWS supplying potable water to at least 1000 members of the public.

Department of Health (DOH) administers the Act and subordinate legislation which establishes the implementation program and administrative and regulatory arrangements. DOH also sets the prescribed concentration of fluoride in drinking water and has monitoring responsibility once fluoridation plants become operational (following implementation). DOH has published and retains responsibility for the Water Fluoridation Code of Practice for the design and operation of fluoridation plants.

The Major Projects Office is leading the infrastructure implementation of the Queensland Water Fluoridation Program (QWFP) from 2008-2014.

The Infrastructure Project Management Group (IPMG) guides the implementation of water fluoridation by PPWSs (Councils and Water Boards). The departmentally managed IPMG contracts professional technical services from two companies (Cardno Pty Ltd and Beca Pty Ltd), to ensure the safe implementation of the QWFP in accordance with the Act, supporting Regulation and codes, and to meet the implementation schedule as announced by the former Premier in December 2007.

QFCAP funding guidelines provide for funding of reasonable, lowest life cycle costs directly related to fluoridation. The proposed method of fluoride dosing must also conform to the Water Fluoridation Code of Practice. The Major Projects Office administers QFCAP and recommends QFCAP funding for each PPWS, based on recommendations of the IPMG.

The Queensland Government has allocated funding to QFCAP over a six-year period, from 1 July 2008 to 30 June 2014, to assist each PPWS outside South East Queensland to safely implement fluoridation of regulated water supplies. Normally, fluoride dosing infrastructure will be funded at the rate of 100 per cent. However, there will be some instances where 100 per cent funding is not applied, such as:

- where the PPWS has opted to utilise infrastructure or equipment which is not the lowest cost option for the safe delivery of fluoride (as advised by the IPMG);
- where the PPWS has decided to undertake a fluoride delivery method, which, in the opinion of the IPMG professional technical review team, is not the lowest cost option for the safe delivery of fluoride;
- where the PPWS has included works which are not associated with the safe delivery of fluoride (e.g. replacement of existing parts); or
- where the PPWS is receiving other State or Federal Government funding towards the project.

Each PPWS (defined by the Act) listed in Schedule 1 of the Regulation, outside South East Queensland, is an eligible applicant for QFCAP funding.

DSDIP RTI Release

RTI Document No. 345

QFCAP provides funding towards capital works associated with the design and installation of fluoridation infrastructure. Eligible works include design, construction and commissioning and initial plant operator training.

Recurrent costs associated with operations and maintenance are excluded, apart from an allowance for the first three years provided to Indigenous communities which have implemented fluoridation under QFCAP.

Amendments to the Act repealing the mandatory requirement for water supplies servicing greater than 1000 residents to be fluoridated were debated and passed by Parliament on 29 November 2012, receiving assent on 5 December 2012. The amendments require local governments to decide whether or not to fluoridate based on the best interests of the community.

To accompany the amendments to the Act, the Regulation has been amended to remove Schedule 1 of the Regulation. Schedule 1 listed the water supplies to be fluoridated and the dates before which fluoride must be added to a water supply. Regulation amendments were passed by the Governor in Council on 20 December 2012.

PPWS that have expended funding on fluoridation in good faith, when fluoridation was mandatory, but decide not to continue with fluoridation or cease dosing fluoride, will be reimbursed eligible costs for fluoridation.

The QFCAP will continue until 30 June 2014, to enable PPWS sufficient time to submit reimbursement claims due to:

- community consultation, where undertaken, to assist local governments in the decision making process;
- contract negotiation where PPWS pull out of a construction contract; or
- delays in commencement of fluoridation infrastructure, for those that decide to continue implementation of fluoridation, while PPWS awaited Act amendments.

With the removal of Schedule 1 of the Regulation any PPWS, regardless of population serviced, will be eligible to apply for funding under the QFCAP for fluoridation infrastructure, where the Council makes the decision to fluoridate. Payment claims will need to be finalised prior to the completion of QFCAP in June 2014.

DSDIP RTI Release

Ref 89

EXPENDITURE REIMBURSEMENT CLAIM

File Note for FUNDING APPROVAL under
the Queensland Fluoridation Capital Assistance Program (QFCAP)
for the McKinlay Shire Council (the council)
MBN14/388 refers to the:
Water Fluoridation Blending - Julia Creek Project

In order to assist Queensland local governments with the cost of implementing water fluoridation, the Department of State Development, Infrastructure and Planning (DSDIP), manages the QFCAP. The QFCAP provides up to 100 per cent funding of eligible works for the lowest cost option for the safe provisions of water fluoridation. The *Water Fluoridation Act 2008* (the Act) and the *Water Fluoridation Regulation 2008* provide the legislation framework for QFCAP.

In summary the Act was amended by Parliament on 29 November 2012 and received assent on 5 December 2012. The amendments repealed the mandatory requirement for water supplies servicing greater than 1000 residents to be fluoridated. This now requires local governments to decide whether or not to proceed with fluoridation based on the best interests of the community. Refer to background details of QFCAP contained in Attachment 3 of MBN14/388.

Prior to the latest amendments of the Act and Regulation, McKinlay Shire Council (the council) was not included in the Regulation which required named Public Potable Water Suppliers to commence fluoride dosing. The latest Act amendments did however, allow for new applicants to approach DSDIP for access to QFCAP funding.

Funding will be available until the QFCAP concludes on 30 June 2014.

Financial Incentive Agreement

Should the Minister approve MBN14/388, DSDIP officers will prepare and arrange for the execution of a Financial Incentive Agreement in order to release the recommended $51 519.97 (excluding GST) for reimbursement of fluoridation concept design and other preliminary eligible costs.

Project Notes and Comments

Department of Health (DoH) officers initially fielded enquiries from council about the blending of water from several locations. Following discussion with DoH which supported the project, officers from the council approached DSDIP to access the QFCAP to fund a project proposal which set out to reduce the high levels of naturally occurring fluoride found in Julia Creek's bore water by blending water from all five bores at a central location to a consumption safe level.

In June 2013 council approached DSDIP about accessing QFCAP funding for their water fluoridation project and email correspondence was distributed outlining the process that the council needed to follow in terms of determining the eligibility of QFCAP funding. To access QFCAP funding, council was required to engage a professional service provider to prepare fluoridation concept design reports (FCDR).

On 9 December 2013 DSDIP received an electronic copy of council's Fluoridation Concept Design Report (FCDR). On 11 December 2013 DSDIP requested Beca Pty Ltd (Beca) undertake an independent review of the FCDR noting that the reviews are intended to identify the lowest lifecycle cost option and confirm that the proposal is safe in compliance with the fluoridation legislation and code of practice.

On 13 February 2014 Beca contacted council with a list of queries and requested further information about the project.

DSDIP - RTI Release

RTI Document No. 347

On 25 February 2014 DSDIP officers contacted council and were advised they have a new Engineer starting this week and an Interim CEO.

On 28 February 2014 a teleconference was urgently arranged for all parties interested in this project. In attendance were senior council officers, DSDIP officers, DoH officers and AECOM Consulting Engineers from Townsville.

On 11 March 2014 DSDIP received a tax invoice for expenditure to date. Council was contacted and asked to withdraw the invoice as the project had yet to be reviewed and assessed for QFCAP eligibility and a recommendation processed for Ministerial funding approval.

On 19 March 2014 council resolved not to proceed and to withdraw its application due to the imminent end of the QFCAP scheme and council's limited technical human resources and other high priority works projects.

On 21 March 2014 DSDIP received a letter from council confirming a decision had been made to not proceed with QFCAP funding. A copy of the 19 March 2014 council minutes and an invoice for recovery of eligible costs was included.

DSDIP officers note that with each communication, council was made aware that the QFCAP ceases on 30 June 2014. Council has been asked to ensure all expenditure claims and a project close out report be submitted with sufficient time to all assessment of same.

Close Out Report

As this is at the Ministerial approval stage a project close out report is not yet required to be lodged. Council has however been provided with the relevant document and assistance has been offered to assist with completion of same.

Budget

Sufficient funds remain in the QFCAP budget to pay this expenditure reimbursement claim.

Previous Funding Claims

As this project is at the Ministerial approval stage no previous funding has been paid.

Supporting Information/Notes and Calculations

In order to pre assess for QFCAP funding approval, and in accordance with QFCAP guidelines, DSDIP officers liaised with council officers and obtained a copy of the relevant invoices and general ledger entry transactions to verify the claim made for fluoride expenditure. The total eligible expenditure to date is $51,519.97. The items submitted in the expenditure reimbursement submission Tables 1 and 2 were deemed eligible for reimbursement.

The Fanning Family Trust T/A TBG Pty Ltd invoice breakdown

Date	Type	Invoice Number	Summary	Payment Type	Invoice Total	Fluoride Net Portion	GST Amount
16/08/2013	Invoice	MSC032	Engineering Services- 15/7-28/	E017914	$8613.00	$1,923.75	$192.37
16/08/2013	Invoice	MSC033	Engineering Services-29/7-11/8	E017914	$12,028.50	$562.50	$56.25
23/09/2013	Invoice	MSC034	Engineering Serv. 12/8-25/8	E018131	$9578.25	$540.00	$54.00
23/09/2013	Invoice	MSC036	Engineering Serv. 9/9-22/9	E018131	10246.50	$2,092.50	$209.25
27/10/2013	Invoice	MSC037	Engineering Serv. 23/9-6/10	E018318	$5,402.25	$405.00	$40.50
27/10/2013	Invoice	MSC038	Engineering Serv.-7/10-20/10	E018318	$7,870.50	$135.00	$13.50
9/12/2013	Invoice	MSC039	Engineering Serv-21/10-3/11	E018525	$10,989.00	$405.00	$40.50
27/01/2014	Invoice	MSC042	Engineering Serv. 2/12-15/12	E018718	$9,652.50	$1,350.00	$135.00
						$7,413.75	

Table 1

DSDIP - RTI Release

RTI Document No. 348

Cardno BTO invoice breakdown

Date	Type	Invoice Number	Summary	Chq	Invoice Total	Fluoride Net Portion	GST Amount
31/08/2013	Invoice	00001336	Claim 1 AUG- Investigating/Pla	366	$25,000.00	$25,000.00	$0.00
30/09/2013	Invoice	00001357	September-Water Fluro Project	347	$4,106.22	$4,106.22	$0.00
31/10/2013	Invoice	00001377	OCT Claim- Fluoride Removal Pr	366	$15,000.00	$15,000.00	$0.00
						$44,106.22	

Table 2

Creditor	Fluoride Invoice Apportionment
Total TBG Pty Ltd	$7,413.75
Total Cardno BTO	$44,106.22
	$51,519.97

Table 3

With the submission of the Cardno BTP Invoices DSDIP officers queried council about the lack of a GST component. Whilst this does not affect the amount of QFCAP reimbursement it did appear unusual as New Zealand also has GST. Council's officer indicated that they had recorded these invoices as GST exempt when they were paid. Council may follow this up.

Submitted for approval.
Robbie Recoquillion - Senior Project Officer

Noted by (please initial):
Michael Norris – Senior Project Officer

Noted by (please initial):
Kate Browning – Program Manager

DSDIP - RTI Release

Ref 90

Received

Ref No: MBN14/205

DSDIP – BRIEF FOR DECISION	Date: 5 March 2014

ESU

SUBJECT: Funding approval for Maranoa Regional Council under the Queensland Fluoridation Capital Assistance Program.

NOTED or APPROVED/NOT APPROVED

Sch. 4(4)(6)

Hon. Jeff Seeney MP
Deputy Premier, Minister for State Development, Infrastructure and Planning

Date: 5/3/14

RECOMMENDATIONS:

That you:

- **approve** funding up to a maximum of $45 425.00 (excluding GST) (under your delegations) for the Maranoa Regional Council's Fluoridation of the Roma Bores project under the Queensland Fluoridation Capital Assistance Program (QFCAP)
- **sign** the attached letter to Councillor Robert Loughnan, Mayor, Maranoa Regional Council (**Attachment 1**)
- **note** that Mr David Edwards, Director-General, Department of State Development, Infrastructure and Planning, will write to Mr Michael Parker, Acting Chief Executive Officer, Maranoa Regional Council, to advise him of your decision.
- **note** a request for this approval to be completed by **Friday 7 March 2014** to allow sufficient time to complete relevant documentation between the State and council and to process reimbursements.

BACKGROUND:

In order to assist Queensland local governments with the cost of implementing water fluoridation, the Department of State Development, Infrastructure and Planning (DSDIP) manages QFCAP. QFCAP provides up to 100 per cent funding of eligible works for the lowest cost option for the safe provision of water fluoridation. The *Water Fluoridation Act 2008* (the Act) and the *Water Fluoridation Regulation 2008* (the Regulation) provide the legislative framework for the QFCAP.

The Act was amended by Parliament on 29 November 2012 and received assent on 5 December 2012. The amendments repealed the mandatory requirement for water supplies servicing greater than 1000 residents to be fluoridated. This now requires local governments to decide whether or not to proceed with fluoridation based on the best interests of the community. Please refer to background details of QFCAP (**Attachment 2**).

Prior to the Act and Regulation amendments, the council was required to commence fluoride dosing by 31 December 2012.

In order to meet its obligations under the Act and Regulation, the council engaged an external professional service provider to prepare a fluoridation concept design report (FCDR) for the "Fluoridation of the Roma Bores" project. The cost of preparing the FCDR was eligible to be reimbursed under QFCAP.

Sch. 4(4)(6)

Author details		Endorsed by:	Stuart Pickering DDG	Endorsed by:	David Edwards
Name:	Ian McFarland	Business Group:	Major Projects	Position:	Director-General
Position:	Major Projects	Telephone:	3452 7781	Telephone:	3227 8451
Telephone:	3452 7766				5/3/14

DSDIP RTI Release

RTI Document No. 350

KEY ISSUES:

On 13 November 2013, council resolved not to fluoridate the water supply of Roma.

On 25 February 2014, DSDIP received a request from council for reimbursement of $45 425.00 under QFCAP, this being the amount the council paid to an external professional service provider to prepare the FCDR.

The funding recommendations were reviewed in conjunction with council's water fluoridation program and invoices supplied to DSDIP officers. Based on the evidence provided by council, the expenditure costs have been assessed as being eligible for QFCAP reimbursement.

Sufficient funds remain in QFCAP to approve this funding recommendation.

Should you agree to approve QFCAP funds for this project, Maranoa Regional Council will be required to enter into a Financial Incentive Agreement in the usual manner with the state to release the funds. QFCAP officers will instigate this process.

As at 26 February 2014, 94 projects had received QFCAP funding.

The QFCAP budget is $58 650 000.00. Funding approvals, less savings on projects completed under budget, total $50 144 859.76, leaving $8 505 140.24 available to fund remaining water fluoridation infrastructure projects.

The approval of $45 425.00 (excluding GST) being sought in this brief can be met from the $8 505 140.24 remaining in the QFCAP budget.

RESULTS OF CONSULTATION:

The funding recommendations were reviewed in conjunction with council's water fluoridation program and invoices supplied to DSDIP officers.

DSDIP - RTI Release

RTI Document No. 351

Rf91

Hon Jeff Seeney MP
Deputy Premier
Minister for State Development, Infrastructure and Planning

Queensland Government

Our ref: MBN14/205

- 7 MAR 2014

Councillor Robert Loughnan
Mayor
Maranoa Regional Council
PO Box 42
MITCHELL QLD 4465

Dear Councillor Loughnan

I refer to the Maranoa Regional Council's request for funding under the Queensland Fluoridation Capital Assistance Program.

Following assessment of the information provided, I am pleased to advise I have approved total funding up to a maximum of $45 425.00 (GST exclusive) for the fluoridation of the Roma Bores project. The funding is towards eligible costs incurred in preparing the fluoridation concept design report.

David Edwards, Director-General, Department of State Development, Infrastructure and Planning, will write to Michael Parker, council's Acting Chief Executive Officer, notifying him of the funding approval, and will shortly provide Mr Parker with details of a Financial Incentive Agreement that council will be required to enter into in order to complete the funding approval process.

If you require any further information, Jeff Popp in my office will assist and can be contacted on 3719 7100.

Yours sincerely

Sch. 4(4)(6)

JEFF SEENEY MP
DEPUTY PREMIER
Minister for State Development, Infrastructure and Planning

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DSDIP RTI Release

RTI Document No. 352

Ref 92

Queensland Government

Department of
State Development, Infrastructure and Planning

Our ref: MBN14/205

10 MAR 2014

Mr Michael Parker
Acting Chief Executive Officer
Maranoa Regional Council
PO Box 42
MITCHELL QLD 4465

Dear Mr Parker Michael

I refer to the Maranoa Regional Council application for funding under the Queensland Fluoridation Capital Assistance Program.

I am pleased to advise that the Honourable Jeff Seeney MP, Deputy Premier, Minister for State Development, Infrastructure and Planning, has approved funding up to a maximum of $45 425.00 (excluding GST) for the 'Fluoridation of the Roma Bores' project. The funding is towards eligible costs incurred in preparing a fluoridation concept design report.

The Deputy Premier has also written to Councillor Robert Loughnan, Mayor of council, notifying him of the funding approval.

Officers from the Department of State Development, Infrastructure and Planning (DSDIP) will contact you shortly with details of a Financial Incentive Agreement which council will be required to enter into in order to complete the funding approval process.

If you require any further information, please contact Bruce Redpath, Program Manager, Major Projects Office, on 3452 7763 or email bruce.redpath@dsdip.qld.gov.au, who will be pleased to assist.

Yours sincerely

Sch. 4(4)(6)

David Edwards
Director-General

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DSDIP - RTI Release

RTI Document No. 353

Attachment 2
Background Information relating to
the Queensland Fluoridation Capital Assistance Program

In December 2007, the Queensland Government introduced new legislation regarding the introduction of fluoride to Queensland's drinking water supplies. The *Water Fluoridation Act 2008* (the Act) requires an eligible Public Potable Water Supplier (PPWS) to implement fluoridation within the timeframe prescribed in the *Water Fluoridation Regulation 2008* (the Regulation). A relevant PPWS under the Act means a PPWS supplying potable water to at least 1000 members of the public.

Department of Health (DOH) administers the Act and subordinate legislation which establishes the implementation program and administrative and regulatory arrangements. DOH also sets the prescribed concentration of fluoride in drinking water and has monitoring responsibility once fluoridation plants become operational (following implementation). DOH has published and retains responsibility for the Water Fluoridation Code of Practice for the design and operation of fluoridation plants.

The Major Projects Office is leading the infrastructure implementation of the Queensland Water Fluoridation Program (QWFP) from 2008-2014.

The Infrastructure Project Management Group (IPMG) guides the implementation of water fluoridation by PPWSs (Councils and Water Boards). The departmentally managed IPMG contracts professional technical services from two companies (Cardno Pty Ltd and Beca Pty Ltd), to ensure the safe implementation of the QWFP in accordance with the Act, supporting Regulation and codes, and to meet the implementation schedule as announced by the former Premier in December 2007.

QFCAP funding guidelines provide for funding of reasonable, lowest life cycle costs directly related to fluoridation. The proposed method of fluoride dosing must also conform to the Water Fluoridation Code of Practice. The Major Projects Office administers QFCAP and recommends QFCAP funding for each PPWS, based on recommendations of the IPMG.

The Queensland Government has allocated funding to QFCAP over a six-year period, from 1 July 2008 to 30 June 2014, to assist each PPWS outside South East Queensland to safely implement fluoridation of regulated water supplies. Normally, fluoride dosing infrastructure will be funded at the rate of 100 per cent. However, there will be some instances where 100 per cent funding is not applied, such as:

- where the PPWS has opted to utilise infrastructure or equipment which is not the lowest cost option for the safe delivery of fluoride (as advised by the IPMG);
- where the PPWS has decided to undertake a fluoride delivery method, which, in the opinion of the IPMG professional technical review team, is not the lowest cost option for the safe delivery of fluoride;
- where the PPWS has included works which are not associated with the safe delivery of fluoride (e.g. replacement of existing parts); or
- where the PPWS is receiving other State or Federal Government funding towards the project.

Each PPWS (defined by the Act) listed in Schedule 1 of the Regulation, outside South East Queensland, is an eligible applicant for QFCAP funding.

DSDIP Release

RTI Document No. 354

QFCAP provides funding towards capital works associated with the design and installation of fluoridation infrastructure. Eligible works include design, construction and commissioning and initial plant operator training.

Recurrent costs associated with operations and maintenance are excluded, apart from an allowance for the first three years provided to Indigenous communities which have implemented fluoridation under QFCAP.

Amendments to the Act repealing the mandatory requirement for water supplies servicing greater than 1000 residents to be fluoridated were debated and passed by Parliament on 29 November 2012, receiving assent on 5 December 2012. The amendments require local governments to decide whether or not to fluoridate based on the best interests of the community.

To accompany the amendments to the Act, the Regulation has been amended to remove Schedule 1 of the Regulation. Schedule 1 listed the water supplies to be fluoridated and the dates before which fluoride must be added to a water supply. Regulation amendments were passed by the Governor in Council on 20 December 2012.

PPWS that have expended funding on fluoridation in good faith, when fluoridation was mandatory, but decide not to continue with fluoridation or cease dosing fluoride, will be reimbursed eligible costs for fluoridation.

The QFCAP will continue until 30 June 2014, to enable PPWS sufficient time to submit reimbursement claims due to:

- community consultation, where undertaken, to assist local governments in the decision making process;
- contract negotiation where PPWS pull out of a construction contract; or
- delays in commencement of fluoridation infrastructure, for those that decide to continue implementation of fluoridation, while PPWS awaited Act amendments.

With the removal of Schedule 1 of the Regulation any PPWS, regardless of population serviced, will be eligible to apply for funding under the QFCAP for fluoridation infrastructure, where the Council makes the decision to fluoridate. Payment claims will need to be finalised prior to the completion of QFCAP in June 2014.

DSDIP RTI Release

Ref 94

EXPENDITURE REIMBURSEMENT CLAIM

File Note for Ministerial approval under the Queensland Fluoridation Capital Assistance Program (QFCAP) for the Maranoa Regional Council (the council)

MBN14/205 refers
Fluoridation of the Roma Bores project

Background

In order to assist Queensland local governments with the cost of implementing water fluoridation, the Department of State Development, Infrastructure and Planning (DSDIP), manages the QFCAP. The QFCAP provides up to 100 per cent funding of eligible works for the lowest cost option for the safe provisions of water fluoridation. The *Water Fluoridation Act 2008* (the Act) and the *Water Fluoridation Regulation 2008* provide the legislation framework for QFCAP.

In summary the Act was amended by Parliament on 29 November 2012 and received assent on 5 December 2012. The amendments repealed the mandatory requirement to fluoridate water supplies servicing communities of greater than 1000 residents. Each local government must now decide, on the basis of the community's best interest, to proceed with, or discontinue, fluoridation.

The council's original regulated water fluoridation date was 31 December 2012.

On 13 November 2013 council resolved not to fluoride the water supply of Roma.

In accordance with QFCAP guidelines, DSDIP received council's expenditure advice letter dated 25 February 2014, totalling $45 425.00 (excluding GST). This claim represents eligible costs incurred during the fluoridation concept design report phase.

The council submits the current QFCAP expenditure reimbursement claim under the guidelines that were in effect prior to these recent amendments. Regardless of the legislative amendments, reimbursement of the council's expenditure claim remains valid for consideration.

Budget

QFCAP funding is available until the program concludes on 30 June 2014. Sufficient funds remain in the QFCAP budget to pay council's first and final eligible expenditure reimbursement claim.

Financial Incentive Agreement

If approved, council will be required to enter into a Financial Incentive Agreement (Agreement).

Close Out Report

Not relevant until an approval has been granted and council has lodged its first and final claim under QFCAP.

Previous Funding Claims

Council has not previously been reimbursed any QFCAP funding for this water fluoridation project.

Author: Robbie Recoquillion – Senior Project Officer	Author: Ian McFarland, Director
Business Group: Major Projects Office	Business Group: Major Projects Office
Telephone: 3452 7764	Telephone: 3452 7766

DSDIP - RTI Release

RTI Document No. 356

Supporting Information/Notes and Calculations

Council has supplied DSDIP with relevant data from its financial systems. DSDIP received a copy of the eligible invoices and remittance advices to verify the fluoride expenditure indicated in Table 2 below.

Fluoridation Concept Design Report Invoices from Wide Bay Water Corporation.

Supplier	Invoice	Date	Total	GST	Ex GST Reimbursement
Wide Bay Water Corporation	13922	30/06/11	$23,430.00	$2,130.00	$21,300.00
Wide Bay Water Corporation	14248	9/09/11	$18,766.00	$1,706.00	$17,060.00
Wide Bay Water Corporation	14389	30/09/11	$4,691.50	$426.50	$4,265.00
Wide Bay Water Corporation	14530	31/10/11	$3,080.00	$280.00	$2,800.00
			$49,967.50	$4,542.50	$45,425.00

The content of the expenditure reimbursement claim has been diligently reviewed and verified for eligibility. Items submitted in the expenditure reimbursement submission were deemed eligible for reimbursement payment by officers from DSDIP.

Submitted for approval.
Robbie Recoquillion - Senior Project Officer

Noted by (please initial):
Michael Norris – Senior Project Officer

Noted by (please initial):
Bruce Redpath – Program Manager

DSDIP - RTI Release

Ref 95.

Received

Ref No: MBN14/77

DSDIP – BRIEF FOR DECISION	Date: 28 February 2014

ESU

NOTED or APPROVED/~~NOT APPROVED~~

Hon. Jeff Seeney MP
Deputy Premier, Minister for State Development, Infrastructure and Planning

Date: 2/3/14

SUBJECT: Funding approval for Tablelands Regional Council under the Queensland Fluoridation Capital Assistance Program.

RECOMMENDATIONS:

That you:

- **approve** funding up to a maximum of $36 794.45 (excluding GST) (under your delegations) for the Tablelands Regional Council's "Fluoridation of the Atherton Water Treatment Plant" project under the Queensland Fluoridation Capital Assistance Program
- **sign** the attached letter to Councillor Rosa Lee Long, Mayor, Tablelands Regional Council (**Attachment 1**)
- **note** that Mr David Edwards, Director-General, Department of State Development, Infrastructure and Planning, will write to Mr Ian Church, Chief Executive Officer, Tablelands Regional Council, to advise him of your decision.
- **note** a request for this approval to be completed by **Friday 7 March 2014** to allow sufficient time to complete relevant documentation between the state and council and to process reimbursements.

BACKGROUND:

In order to assist Queensland local governments with the cost of implementing water fluoridation, the Department of State Development, Infrastructure and Planning (DSDIP) manages the Queensland Fluoridation Capital Assistance Program (QFCAP). QFCAP provides up to 100 per cent funding of eligible works for the lowest cost option for the safe provision of water fluoridation. The *Water Fluoridation Act 2008* (the Act) and the *Water Fluoridation Regulation 2008* (the Regulation) provide the legislative framework for the QFCAP.

The Act was amended by Parliament on 29 November 2012 and received assent on 5 December 2012. The amendments repealed the mandatory requirement for water supplies servicing greater than 1000 residents to be fluoridated. This now requires local governments to decide whether or not to proceed with fluoridation based on the best interests of the community. Please refer to background details of QFCAP (**Attachment 2**).

The Tablelands Regional Council was de-amalgamated on 1 January 2014 to form a new Tablelands Regional Council and a new Mareeba Shire Council. As of 1 January 2014, the Fluoridation of the Atherton Water Treatment Plant (WTP) project remains under the jurisdiction of the new Tablelands Regional Council.

KEY ISSUES:

DSDIP officers have been actively working with Tablelands Regional Council officers to finalise this project and reach an agreement on a recommended payment amount.

4/13

Author details		Endorsed by:	Stuart Pickering DDG	Endorsed by:	David Edwards
Name:	Ian McFarland	Business Group:	Major Projects	Position:	Director-General
Position:	Major Projects	Telephone:	3452 7781	Telephone:	3227 8451
Telephone:	3452 7766				

DSDIP RTI Release

RTI Document No. 358

While council lodged numerous reports for expenditure reimbursement, DSDIP had concerns with the level of detail and depth of supporting documentation provided from council's financial transactions. As a result, DSDIP officers have worked with council officers in order to achieve a mutually agreeable outcome which provides you with the recommendation for approval of $36 794.45 and release of QFCAP funds for this project.

Although it was originally planned to have your approval and all reimbursement resolved prior to the de-amalgamation date of 1 January 2014, this did not occur as council only lodged the final signed subsidy claim form dated 24 December 2013 and Project Close Out Report electronically with DSDIP on 23 January 2014.

Prior to the latest amendments of the Act and Regulation, the council was required to commence fluoride dosing by 31 December 2012. In order to access QFCAP funding, council was required to engage a professional service provider to prepare a fluoridation concept design report (FCDR) for the Fluoridation of the Atherton WTP project.

On 20 December 2012 at an Ordinary Meeting, the former Tablelands Regional Council resolved fluoride not be added to water supplies within the jurisdiction of the Tablelands Regional Council.

To ensure the veracity of council's claim, DSDIP sought advice from the Internal Audit Unit on the use of statutory declarations and also advice from other similar state government funding agencies.

The funding recommendations were reviewed in conjunction with council's water fluoridation program and invoices supplied to DSDIP officers. Based on the evidence provided by council, the expenditure costs have been assessed as being eligible for QFCAP reimbursement.

Should you agree to approve QFCAP funds for this project, Tablelands Regional Council will be required to enter into a Financial Incentive Agreement in the usual manner with the State to release the funds. QFCAP officers will instigate this process.

Sufficient funds remain in QFCAP to approve this funding recommendation.

As at 29 January 2014, 94 projects had received QFCAP funding.

The QFCAP budget is $58 650 000.00. Funding approvals, less savings on projects completed under budget, total $50 144 859.76, leaving $8 505 140.24 available to fund remaining water fluoridation infrastructure projects.

The approval of $36 794.45 (excluding GST) being sought in this brief can be met from the $8 505 140.24 remaining in the QFCAP budget.

RESULTS OF CONSULTATION:

DSDIP officers met with the Internal Audit unit and sought advice on the use of statutory declarations by council and it's contractors to support their claim.

DSDIP-RTI Release

RTI Document No. 359

Ref 96.

Hon Jeff Seeney MP
Deputy Premier
Minister for State Development, Infrastructure and Planning

Queensland Government

Our ref: MBN14/77

- 7 MAR 2014

Councillor Rosa Lee Long
Mayor
Tablelands Regional Council
PO Box 573
ATHERTON QLD 4883

Dear Councillor Long

I refer to the Tablelands Regional Council request for funding under the Queensland Fluoridation Capital Assistance Program.

Following assessment of the information provided, I am pleased to advise I have approved total funding up to a maximum of $36 794.45 (GST exclusive) for the fluoridation of the Atherton water treatment plant project. The funding is towards eligible costs incurred in preparing the fluoridation concept design report and some detailed design works.

David Edwards, Director-General, Department of State Development, Infrastructure and Planning, will write to Ian Church, council's Chief Executive Officer, notifying him of the funding approval, and will shortly provide Mr Church with details of a Financial Incentive Agreement that council will be required to enter into in order to complete the funding approval process.

If you require any further information, Jeff Popp in my office will assist and can be contacted on 3719 7100.

Yours sincerely

Sch. 4(4)(6)

JEFF SEENEY MP
DEPUTY PREMIER
Minister for State Development, Infrastructure and Planning

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DSDIP RTI Release

RTI Document No. 360

Ref 97

Queensland Government

Department of State Development, Infrastructure and Planning

Our ref: MBN14/77

10 MAR 2014

Mr Ian Church
Chief Executive Officer
Tablelands Regional Council
PO Box 573
ATHERTON QLD 4883

Dear Mr Church Ian

I refer to the Tablelands Regional Council application for funding under the Queensland Fluoridation Capital Assistance Program.

I am pleased to advise that the Honourable Jeff Seeney MP, Deputy Premier, Minister for State Development, Infrastructure and Planning, has approved funding up to a maximum of $36 794.45 (excluding GST) for the Fluoridation of the Atherton Water Treatment Plant project. The funding is towards eligible costs incurred in preparing a fluoridation concept design report.

The Deputy Premier has also written to Councillor Rosa Lee Long, Mayor of council, notifying her of the funding approval.

Officers from the Department of State Development, Infrastructure and Planning (DSDIP) will contact you shortly with details of a Financial Incentive Agreement which council will be required to enter into in order to complete the funding approval process. It is noted that DSDIP have already received a signed expenditure subsidy claim form and Project Close Out Report from council which were assessed in the approval process.

If you require any further information, please contact Bruce Redpath, Program Manager, Major Projects Office, on 3452 7763 or email bruce.redpath@dsdip.qld.gov.au, who will be pleased to assist.

Yours sincerely

Sch. 4(4)(6)

David Edwards
Director-General

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ABN 29 230 178 530

DSDIP RTI Release

RTI Document No. 361

Ref 98

Attachment 2
Background Information relating to
the Queensland Fluoridation Capital Assistance Program

In December 2007, the Queensland Government introduced new legislation regarding the introduction of fluoride to Queensland's drinking water supplies. The *Water Fluoridation Act 2008* (the Act) requires an eligible Public Potable Water Supplier (PPWS) to implement fluoridation within the timeframe prescribed in the *Water Fluoridation Regulation 2008* (the Regulation). A relevant PPWS under the Act means a PPWS supplying potable water to at least 1000 members of the public.

Department of Health (DOH) administers the Act and subordinate legislation which establishes the implementation program and administrative and regulatory arrangements. DOH also sets the prescribed concentration of fluoride in drinking water and has monitoring responsibility once fluoridation plants become operational (following implementation). DOH has published and retains responsibility for the Water Fluoridation Code of Practice for the design and operation of fluoridation plants.

The Major Projects Office is leading the infrastructure implementation of the Queensland Water Fluoridation Program (QWFP) from 2008-2014.

The Infrastructure Project Management Group (IPMG) guides the implementation of water fluoridation by PPWSs (Councils and Water Boards). The departmentally managed IPMG contracts professional technical services from two companies (Cardno Pty Ltd and Beca Pty Ltd), to ensure the safe implementation of the QWFP in accordance with the Act, supporting Regulation and codes, and to meet the implementation schedule as announced by the former Premier in December 2007.

QFCAP funding guidelines provide for funding of reasonable, lowest life cycle costs directly related to fluoridation. The proposed method of fluoride dosing must also conform to the Water Fluoridation Code of Practice. The Major Projects Office administers QFCAP and recommends QFCAP funding for each PPWS, based on recommendations of the IPMG.

The Queensland Government has allocated funding to QFCAP over a six-year period, from 1 July 2008 to 30 June 2014, to assist each PPWS outside South East Queensland to safely implement fluoridation of regulated water supplies. Normally, fluoride dosing infrastructure will be funded at the rate of 100 per cent. However, there will be some instances where 100 per cent funding is not applied, such as:

- where the PPWS has opted to utilise infrastructure or equipment which is not the lowest cost option for the safe delivery of fluoride (as advised by the IPMG);
- where the PPWS has decided to undertake a fluoride delivery method, which, in the opinion of the IPMG professional technical review team, is not the lowest cost option for the safe delivery of fluoride;
- where the PPWS has included works which are not associated with the safe delivery of fluoride (e.g. replacement of existing parts); or
- where the PPWS is receiving other State or Federal Government funding towards the project.

Each PPWS (defined by the Act) listed in Schedule 1 of the Regulation, outside South East Queensland, is an eligible applicant for QFCAP funding.

DSDIP RTI Release

RTI Document No. 362

QFCAP provides funding towards capital works associated with the design and installation of fluoridation infrastructure. Eligible works include design, construction and commissioning and initial plant operator training.

Recurrent costs associated with operations and maintenance are excluded, apart from an allowance for the first three years provided to Indigenous communities which have implemented fluoridation under QFCAP.

Amendments to the Act repealing the mandatory requirement for water supplies servicing greater than 1000 residents to be fluoridated were debated and passed by Parliament on 29 November 2012, receiving assent on 5 December 2012. The amendments require local governments to decide whether or not to fluoridate based on the best interests of the community.

To accompany the amendments to the Act, the Regulation has been amended to remove Schedule 1 of the Regulation. Schedule 1 listed the water supplies to be fluoridated and the dates before which fluoride must be added to a water supply. Regulation amendments were passed by the Governor in Council on 20 December 2012.

PPWS that have expended funding on fluoridation in good faith, when fluoridation was mandatory, but decide not to continue with fluoridation or cease dosing fluoride, will be reimbursed eligible costs for fluoridation.

The QFCAP will continue until 30 June 2014, to enable PPWS sufficient time to submit reimbursement claims due to:

- community consultation, where undertaken, to assist local governments in the decision making process;
- contract negotiation where PPWS pull out of a construction contract; or
- delays in commencement of fluoridation infrastructure, for those that decide to continue implementation of fluoridation, while PPWS awaited Act amendments.

With the removal of Schedule 1 of the Regulation any PPWS, regardless of population serviced, will be eligible to apply for funding under the QFCAP for fluoridation infrastructure, where the Council makes the decision to fluoridate. Payment claims will need to be finalised prior to the completion of QFCAP in June 2014.

DSDIP RTI Release

Ref 99

EXPENDITURE REIMBURSEMENT CLAIM

File Note for funding approval under
the Queensland Fluoridation Capital Assistance Program (QFCAP)
for the Tablelands Regional Council (the Council)
MBN14/77 refers

Fluoridation of the Atherton Water Treatment Plant (WTP)

Project	Amount of Funding Requested	$ Reimbursement Recommended
Atherton WTP	$36 794.45	$36 794.45

Table 1

In order to assist Queensland local governments with the cost of implementing water fluoridation, the Department of State Development, Infrastructure and Planning (DSDIP), manages the QFCAP. The QFCAP provides up to 100 per cent funding of eligible works for the lowest cost option for the safe provisions of water fluoridation. The *Water Fluoridation Act 2008* (the Act) and the *Water Fluoridation Regulation 2008* provide the legislation framework for QFCAP.

In summary the Act was amended by Parliament on 29 November 2012 and received assent on 5 December 2012. The amendments repealed the mandatory requirement to fluoridate water supplies servicing communities of greater than 1000 residents. Each local government must now decide, on the basis of the community's best interest, to proceed with, or discontinue, fluoridation.

Prior to the latest amendments of the Act and Regulation, the council was required to commence fluoride dosing by 31 December 2012. In order to access QFCAP funding, council was required to engage a professional service provider to prepare a fluoridation concept design report (FCDR) for the Fluoridation of the Atherton WTP project.

On 20 December 2012 at an Ordinary Meeting, the former Tablelands Regional Council resolved fluoride not be added to water supplies within the jurisdiction of the Tablelands Regional council. This motion was carried 5-4. The council has however incurred eligible QFCAP expenditure.

The Tablelands Regional Council was de-amalgamated on 1st January 2014 to form a new Tablelands Regional Council and a new Mareeba Shire Council. As of 1 January 2014 the Atherton WTP project remains under the jurisdiction of the new Tablelands Regional

DSDIP officers have been actively working with former Tablelands Regional Council officers over the last twelve months to finalise this project and reach an agreement on a recommended payment amount.

While council had lodged numerous reports and paperwork for expenditure reimbursement DSDIP had concerns with the level of detail and depth of supporting documentation provided from council's financial transactions. As a result DSDIP officers have worked tirelessly with council's project manager/contractor Ron Holden and officers in order to achieve a mutually agreeable outcome which provides Deputy Premier and Minister for State Development, Infrastructure and Planning (DP) with the recommendation for approval of $36 794.45 and release of QFCAP funds for this project.

To ensure the veracity of council's claim DSDIP sought advice from the Internal Audit unit on the use of statutory declarations for this and other QFCAP projects.

Although it was originally planned to have the DP's approval and all reimbursement resolved prior to the de-amalgamation date of 1 January 2014 date, this did not occur. Council lodged the final signed subsidy claim form version dated 24 December 2013 and Project Close Out Report electronically with DSDIP on

DSDIP RTI Release

RTI Document No. 364

23 January 2014 and signed the first set of attachments for its Statutory Declaration (Stat Dec)dated 4 December 2013 on 14 February 2014.

Note however that although dated 4 December 2013 council did not forward the signed Stat Dec document until 28 January 2014 and signed attachments A, B and C noted in the Stat Dec were not included. QFCAP's program manager spoke with council's project manager on 10 February 2014 advising of the missing documents and sent an email outlining exactly what was required. Documents were supplied to the fluoride mailbox on 14 February but not all of the attachments were relevant. Additionally it was noted that the Contract (Attachment A to the Stat Dec) was not a) signed by all parties; b) inclusive of the Mareeba WTP project; and c) the total value was considerably less than the amount council has paid to this contractor (AECOM).

Although not specifically relevant to the Atherton WTP approval brief, council's project manager is checking on whether there is a letter of variation to include the Mareeba WTP project. This is because the AECOM expenditure allocation spread sheet (Attachment B) is to cover all of council's projects and needs to be correct before the brief could be progressed.

On 17 February 2014 DSDIP Officers reviewed the attachments and contacted the project manager Ron Holden confirming the discussions that DSDIP is unable to further progress the council's expenditure reimbursement claims until the following has been addressed. Upon receipt of these DSDIP will be in a position to further assess the claims.

- Stat Dec dated 4 December 2013, minutes at the foot of the document, "Attachment C", yet there is no mention in the Stat Dec if Attachment C. Attachment C which is AECOM Invoice Copies for council water treatment plant projects does not add any value if signed contracts between the council and AECOM are provided to cover the Ravenshoe, Kuranda, Malanda, Mareeba and Atherton projects.
- Attachment A and Attachment B certified dates are after the Stat Dec certified date. Dates need to align.
- Attachment A provided which is a signed copy by council (only) of the Consultancy (AECOM) agreement for Tablelands Fluoridation Implementation Program and a Letter of Variance or contract in relation to the Mareeba project is required for any reimbursement claim in relation to this project to progress. In relation to the Agreement provided it has only been signed by the council, a copy with the consultancy firm's (AECOM) execution as well should be provided.
- Attachment A provided which is a signed copy by TRC (only) of the Consultancy (AECOM) agreement for Tablelands Fluoridation Implementation Program and a Letter of Variation by AECOM specifically in relation to the implementation of a new fluoride dosing system at Atherton do not make mention of the Mareeba project. A Letter of Variation or contract in relation to the Mareeba project is required for any reimbursement claim in relation to this project to progress. In relation to the Agreement provided, it has only been signed by the Council, a copy with the Consultancy firm's (AECOM) execution as well should be provided.

Further telephone conversations occurred between council's contractor and DSDIP staff about the validity of subsequent Stat Dec attachment documents.

On 25 February 2014 the final Stat Dec attachment document was electronically received and found to be in order (in that the dates now tie in with the Stat Dec date). The original though yet to be received is being mailed.

The funding recommendation in this file note was prepared in conjunction with council's water fluoridation program and invoices supplied to DSDIP officers. Based on the evidence provided by council, the expenditure costs have been assessed as being eligible for QFCAP reimbursement.

DSDIP RTI Release

Should the DP agree to approve QFCAP funds for this project, Council will be required to enter into a Financial Incentive Agreement in the usual manner with the State to release the funds. DSDIP officers will instigate this process.

Sufficient funds remain in QFCAP to approve this funding recommendation and funding will be available until the QFCAP concludes on 30 June 2014.

Submitted for approval.
Robbie Recoquillion - Senior Project Officer

Noted by (please initial):
Michael Norris – Senior Project Officer

Noted by (please initial):
Bruce Redpath – Program Manager

DSDIP - RTI Release

RTI Document No. 366

Ref 100

Received

- 4 JUN 2014

Ref No: MBN14/505

DSDIP – BRIEF FOR DECISION	ESU	Date: 30 May 2014

SUBJECT: Recommending approval of funds for Toowoomba Regional Council under the Queensland Fluoridation Capital Assistance Program

NOTED or APPROVED/~~NOT APPROVED~~

Sch. 4(4)(6)

~~Hon.~~ Jeff Seeney MP
Deputy Premier, Minister for State Development, Infrastructure and Planning

Date: 2/6/14

RECOMMENDATIONS:

That you:

- **approve** funding totalling a maximum of $48 456.69 (excluding GST) under the Queensland Fluoridation Capital Assistance Program (QFCAP) to Toowoomba Regional Council for expenditure incurred to date on the three water fluoridation projects listed in **Table 1**
- **sign** the attached letter to Councillor Paul Antonio, Mayor of Toowoomba Regional Council (**Attachment 1**)
- **note** that Mr David Edwards, Director-General, Department of State Development, Infrastructure and Planning (DSDIP), will write to Mr Brian Pidgeon, Chief Executive Officer of Toowoomba Regional Council to advise him of your decision.

BACKGROUND:

Project	Recommended Amount (excluding GST)
Fluoridation of the Hodgson Vale Water Treatment Plant	$27 138.97
Fluoridation of the Cambooya Water Treatment Plant	$ 2 225.25
Fluoridation of the Yarraman Water Treatment Plant	$19 092.47
TOTAL	**$48 456.69**

Table 1

In order to assist Queensland local governments with the cost of implementing water fluoridation, DSDIP manages the QFCAP. QFCAP provides up to 100 per cent funding of eligible works for the lowest cost option for the safe provision of water fluoridation. The *Water Fluoridation Act 2008* (the Act) and the *Water Fluoridation Regulation 2008* (the Regulation) provide the legislative framework for the QFCAP.

The Act was amended by Parliament on 29 November 2012 and received assent on 5 December 2012. The amendments repealed the mandatory requirement for water supplies servicing greater than 1000 residents to be fluoridated. This now requires local governments to decide whether or not to proceed with fluoridation based on the best interests of the community. Please refer to background details of QFCAP (**Attachment 2**).

KEY ISSUES:

Prior to the latest amendments of the Act and Regulation, Toowoomba Regional Council (council) was required to commence fluoride dosing by 31 December 2012 at nine sites specified in the Regulation. QFCAP funding has already been approved and initial 10 per cent funding paid for six council projects, with funding finalised for a seventh project (Mount Kynoch Water Treatment Plant).

Sch. 4(4)(6)

Author details		Endorsed by:	Stuart Pickering DDG	Endorsed by:	David Edwards
Name:	Ian McFarland	Business Group:	Major Projects	Position:	Director-General
Position:	Major Projects	Telephone:	3452 7781	Telephone:	3227 8451
Telephone:	3452 7766	Signed:	30/05/2014		30/5/14

DSDIP RTI Release

Council prepared a Fluoride Concept Design Report (FCDR) for the remaining three projects listed in **Table 1**, as required under the QFCAP funding approval process. The FCDR was submitted to DSDIP in April 2010. On the 10 December 2010, Queensland Department of Health removed Cambooya and Yarraman from the Regulation, as the water supply schemes serviced less than 1000 people.

On 19 February 2013, council resolved not to fluoridate water supply schemes located at Hodgson Vale.

DSDIP has, over recent months, been working with council officers to discuss the requirements to close out these three projects.

On 12 May 2014, council finalised evidence to support its request for funding totalling $48 456.69. The expenditure incurred was for preparation of the FCDR and soil testing for the three projects listed in **Table 1**.

Should you agree to approve QFCAP funds for these projects, council will be required to enter into a Financial Incentive Agreement with the State. QFCAP officers will instigate this process.

The QFCAP budget is $58.65 million. As at 15 May 2014, 102 public potable water projects plus indigenous projects had received QFCAP funding approvals totalling $58.54 million.

Savings from QFCAP projects completed under budget total $12.39 million, of this $10 million was reallocated within the Major Projects Office budget on 24 April 2014, leaving a revised QFCAP budget available to be allocated of $2.5 million.

The approval of $48 456.69 (excluding GST) being sought in this brief can be met from the remaining QFCAP budget.

RESULTS OF CONSULTATION:

The funding recommendation was reviewed in conjunction with council's water fluoridation program and invoices supplied by DSDIP officers.

DSDIP - RTI Release

RTI Document No. 368

Ref 101

Queensland Government

Hon Jeff Seeney MP
Deputy Premier
Minister for State Development, Infrastructure and Planning

Our ref: MBN14/505

- 4 JUN 2014

Councillor Paul Antonio
Mayor
Toowoomba Regional Council
PO Box 3021
TOOWOOMBA QLD 4350

Dear Paul, ~~Councillor Antonio~~

I refer to Toowoomba Regional Council's request for funding under the Queensland Fluoridation Capital Assistance Program.

Following assessment of the information provided, I am pleased to advise that I have approved total funding up to a combined maximum of $48 456.69 (excluding GST) for water fluoridation projects at the Hodgson Vale ($27 138.97), Cambooya ($2 225.25) and Yarraman ($19 092.47) water treatment plants. The funding reimburses eligible costs incurred in the preparation of fluoridation concept design reports.

David Edwards, Director-General, Department of State Development, Infrastructure and Planning, will write to Brian Pidgeon, council's Chief Executive Officer, notifying him of the funding approval, and will shortly provide Mr Pidgeon with details of a financial incentive agreement that council will be required to enter into in order to complete the funding approval process.

If you require any further assistance, please do not hesitate to contact my office.

Yours sincerely

Sch. 4(4)(6)

JEFF SEENEY MP
DEPUTY PREMIER
Minister for State Development, Infrastructure and Planning

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DSDIP RTI Release

RTI Document No. 369

Ref 102

Queensland Government

Department of
State Development, Infrastructure and Planning

Our ref: MBN14/505

5 JUN 2014

Mr Brian Pidgeon
Chief Executive Officer
Toowoomba Regional Council
PO Box 3021
TOOWOOMBA VILLAGE FAIR QLD 4350

Brian

Dear ~~Mr~~ Pidgeon

I refer to Toowoomba Regional Council's request for funding under the Queensland Fluoridation Capital Assistance Program.

I am pleased to advise that the Honourable Jeff Seeney MP, Deputy Premier, Minister for State Development, Infrastructure and Planning, has approved funding up to a maximum of $48 456.69 (excluding GST) for water fluoridation projects at the Hodgson Vale ($27 138.97), Cambooya ($2225.25) and Yarraman ($19 092.47) water treatment plants. The funding reimburses eligible costs incurred in the preparation of fluoridation concept design reports.

The Deputy Premier has also written to Councillor Paul Antonio, Mayor of Toowoomba Regional Council, notifying him of the funding approval.

Officers from the Department of State Development, Infrastructure and Planning will contact you shortly with details of a Financial Incentive Agreement which council will be required to enter into in order to complete the funding approval process.

If you require any further information, please contact Kate Browning, Program Manager, Major Projects Office, on 3452 7876 or email fluoride@dsdip.qld.gov.au, who will be pleased to assist.

Yours sincerely

Sch. 4(4)(6)

David Edwards
Director-General

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DSDIP RTI Release

RTI Document No. 370

Ref 103

Attachment 2

Background Information relating to the Queensland Fluoridation Capital Assistance Program

In December 2007, the Queensland Government introduced new legislation regarding the introduction of fluoride to Queensland's drinking water supplies. The *Water Fluoridation Act 2008* (the Act) requires an eligible Public Potable Water Supplier (PPWS) to implement fluoridation within the timeframe prescribed in the *Water Fluoridation Regulation 2008* (the Regulation). A relevant PPWS under the Act means a PPWS supplying potable water to at least 1000 members of the public.

Department of Health (DOH) administers the Act and subordinate legislation which establishes the implementation program and administrative and regulatory arrangements. DOH also sets the prescribed concentration of fluoride in drinking water and has monitoring responsibility once fluoridation plants become operational (following implementation). DOH has published and retains responsibility for the Water Fluoridation Code of Practice for the design and operation of fluoridation plants.

The Major Projects Office is leading the infrastructure implementation of the Queensland Water Fluoridation Program (QWFP) from 2008-2014.

The Infrastructure Project Management Group (IPMG) guides the implementation of water fluoridation by PPWSs (Councils and Water Boards). The departmentally managed IPMG contracts professional technical services from two companies (Cardno Pty Ltd and Beca Pty Ltd), to ensure the safe implementation of the QWFP in accordance with the Act, supporting Regulation and codes, and to meet the implementation schedule as announced by the former Premier in December 2007.

QFCAP funding guidelines provide for funding of reasonable, lowest life cycle costs directly related to fluoridation. The proposed method of fluoride dosing must also conform to the Water Fluoridation Code of Practice. The Major Projects Office administers QFCAP and recommends QFCAP funding for each PPWS, based on recommendations of the IPMG.

The Queensland Government has allocated funding to QFCAP over a six-year period, from 1 July 2008 to 30 June 2014, to assist each PPWS outside South East Queensland to safely implement fluoridation of regulated water supplies. Normally, fluoride dosing infrastructure will be funded at the rate of 100 per cent. However, there will be some instances where 100 per cent funding is not applied, such as:

- where the PPWS has opted to utilise infrastructure or equipment which is not the lowest cost option for the safe delivery of fluoride (as advised by the IPMG);
- where the PPWS has decided to undertake a fluoride delivery method, which, in the opinion of the IPMG professional technical review team, is not the lowest cost option for the safe delivery of fluoride;
- where the PPWS has included works which are not associated with the safe delivery of fluoride (e.g. replacement of existing parts); or
- where the PPWS is receiving other State or Federal Government funding towards the project.

Each PPWS (defined by the Act) listed in Schedule 1 of the Regulation, outside South East Queensland, is an eligible applicant for QFCAP funding.

DSDIP-RTI Release

RTI Document No. 371

QFCAP provides funding towards capital works associated with the design and installation of fluoridation infrastructure. Eligible works include design, construction and commissioning and initial plant operator training.

Recurrent costs associated with operations and maintenance are excluded, apart from an allowance for the first three years provided to Indigenous communities which have implemented fluoridation under QFCAP.

Amendments to the Act repealing the mandatory requirement for water supplies servicing greater than 1000 residents to be fluoridated were debated and passed by Parliament on 29 November 2012, receiving assent on 5 December 2012. The amendments require local governments to decide whether or not to fluoridate based on the best interests of the community.

To accompany the amendments to the Act, the Regulation has been amended to remove Schedule 1 of the Regulation. Schedule 1 listed the water supplies to be fluoridated and the dates before which fluoride must be added to a water supply. Regulation amendments were passed by the Governor in Council on 20 December 2012.

PPWS that have expended funding on fluoridation in good faith, when fluoridation was mandatory, but decide not to continue with fluoridation or cease dosing fluoride, will be reimbursed eligible costs for fluoridation.

The QFCAP will continue until 30 June 2014, to enable PPWS sufficient time to submit reimbursement claims due to:

- community consultation, where undertaken, to assist local governments in the decision making process;
- contract negotiation where PPWS pull out of a construction contract; or
- delays in commencement of fluoridation infrastructure, for those that decide to continue implementation of fluoridation, while PPWS awaited Act amendments.

With the removal of Schedule 1 of the Regulation any PPWS, regardless of population serviced, will be eligible to apply for funding under the QFCAP for fluoridation infrastructure, where the Council makes the decision to fluoridate. Payment claims will need to be finalised prior to the completion of QFCAP in June 2014.

DSDIP RTI Release

RTI Document No. 372

Ref 104

Ref No: MBN14/376

DSDIP – BRIEF FOR DECISION	Date: 22 April 2014

SUBJECT: Approval of funds for Whitsunday Regional Council under the Queensland Fluoridation Capital Assistance Program

NOTED or APPROVED/~~NOT APPROVED~~

Sch. 4(4)(6)

Hon. Jeff Seeney MP
Deputy Premier, Minister for State Development, Infrastructure and Planning

Date: 6/8/14

RECOMMENDATIONS:

That you:

- **approve** funding totalling a maximum of $57 500.00 (excluding GST) under the Queensland Fluoridation Capital Assistance Program (QFCAP) to Whitsunday Regional Council for expenditure incurred to date on the remaining three water fluoridation projects listed in Table 1
- **sign** the attached letter to Councillor Jennifer Whitney, Mayor of Whitsunday Regional Council (**Attachment 1**)
- **note** that Mr David Edwards, Director-General, Department of State Development, Infrastructure and Planning (DSDIP), will write to Mr Scott Waters, Chief Executive Officer of Whitsunday Regional Council to advise him of your decision.

BACKGROUND:

Plant location	Recommended Amount excluding GST
Fluoridation of the Airlie / Cannonvale Beaches Water Treatment Plant	$19 166.66
Fluoridation of the Bowen Bores	$19 166.67
Fluoridation of the Collinsville Water Treatment Plant	$19 166.67
	$57 500.00

Table 1

In order to assist Queensland local governments with the cost of implementing water fluoridation, DSDIP manages the QFCAP. QFCAP provides up to 100 per cent funding of eligible works for the lowest cost option for the safe provision of water fluoridation. The *Water Fluoridation Act 2008* (the Act) and the *Water Fluoridation Regulation 2008* (the Regulation) provide the legislative framework for the QFCAP.

The Act was amended by Parliament on 29 November 2012 and received assent on 5 December 2012. The amendments repealed the mandatory requirement for water supplies servicing greater than 1000 residents to be fluoridated. This now requires local governments to decide whether or not to proceed with fluoridation based on the best interests of the community. Please refer to background details of QFCAP (**Attachment 2**).

KEY ISSUES:

Prior to the latest amendments of the Act and Regulation, council was required to commence fluoride dosing by 31 December 2012 at five sites specified in the Regulation. In order to access QFCAP funding, council was required to engage a professional service provider to prepare fluoridation concept design reports (FCDR) for the sites detailed in Table 1. Please note funding has already been approved and paid for the remaining two council sites.

Author details	Endorsed by: Stuart Pickering DDG	Endorsed by: Colin Cassidy
Name: Ian McFarland	Business Group: Major Projects	Position: Acting Director-General
Position: Major Projects	Telephone: 3452 7781	Telepho Sch. 4(4)(6) 23/4/14
Telephone: 3452 7766	Signed: 22 April 2014	

DSDIP RTI Release

RTI Document No. 373

On 10 April 2013, council resolved not to fluoridate water supply schemes located at Bowen Bores, Airlie/Cannonvale Beaches and Collinsville. DSDIP has, over several months, been working with council officers to discuss the requirements to close out these projects.

On 4 February 2014, the Deputy Director-General, Major Projects Office, wrote to council requesting that it advise its intentions regarding expenditure reimbursement submissions for Bowen Bores, Airlie/Cannonvale Beaches and Collinsville projects.

On 19 February 2014, council forwarded DSDIP supporting documentation for claiming the concept design costs for assessment and validation totalling $57 500.00 (excluding GST). Council had indicated the FCDR invoice cost breakdown, as itemised in Table 1, be equally shared over all three projects.

Should you agree to approve QFCAP funds for these projects, council will be required to enter into a Financial Incentive Agreement with the State, and QFCAP officers will instigate this process.

The QFCAP budget is $58 650,000.00 with $216 318.50 of this amount remaining to be allocated to projects.

As at 15 April 2014, 96 public potable water projects plus indigenous projects had received QFCAP funding approvals totalling $58 433 681.50.

Savings from projects completed under budget total $9 118 397.76. The revised QFCAP budget available to be allocated is $9 334 716.26.

The approval of $57 500.00 (excluding GST) being sought in this brief can be met from the remaining QFCAP budget.

RESULTS OF CONSULTATION:

The funding recommendation was reviewed in conjunction with council's water fluoridation program and invoices supplied by DSDIP officers.

DSDIP - RTI Release

RTI Document No. 374

Rf 105

Hon Jeff Seeney MP
Deputy Premier
Minister for State Development, Infrastructure and Planning

Queensland Government

Our ref: MBN14/376

8 MAY 2014

Councillor Jennifer Whitney
Mayor
Whitsunday Regional Council
PO Box 104
PROSERPINE QLD 4800

Dear Councillor Whitney

I refer to the Whitsunday Regional Council request for funding under the Queensland Fluoridation Capital Assistance Program.

Following assessment of the information provided, I am pleased to advise I have approved total funding up to a combined maximum of $57 500.00 (GST exclusive) for water fluoridation projects at the Bowen Bores, Airlie/Cannonvale Beaches and Collinsville water treatment plants. The funding is towards reimbursement of eligible costs incurred in the preparation of the fluoridation concept design reports.

David Edwards, Director-General, Department of State Development, Infrastructure and Planning, will write to Scott Waters, council's Chief Executive Officer, notifying him of the funding approval, and will shortly provide Mr Waters with details of a financial incentive agreement that council will be required to enter into in order to complete the funding approval process.

If you require any further assistance, please do not hesitate to contact my office.

Yours sincerely

Sch. 4(4)(6)

JEFF SEENEY MP
DEPUTY PREMIER
Minister for State Development, Infrastructure and Planning

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DSDIP RTI Release

RTI Document No. 375

Ref 106

Queensland Government

Department of
State Development, Infrastructure and Planning

Our ref: MBN14/376

- 9 MAY 2014

Mr Scott Waters
Chief Executive Officer
Whitsunday Regional Council
PO Box 104
PROSERPINE QLD 4800

Dear ~~Mr~~ Scott Waters

I refer to the Whitsunday Regional Council application for funding under the Queensland Fluoridation Capital Assistance Program.

I am pleased to advise that the Honourable Jeff Seeney MP, Deputy Premier, Minister for State Development, Infrastructure and Planning, has approved funding up to a maximum of $57,500.00 (excluding GST) for water fluoridation projects at the Bowen Bores, Airlie/Cannonvale Beaches and Collinsville water treatment plants. The funding is towards reimbursement of eligible costs incurred in the preparation of the fluoridation concept design report.

The Deputy Premier has also written to Councillor Jennifer Whitney, Mayor of Whitsunday Regional Council, notifying her of the funding approval.

Officers from the Department of State Development, Infrastructure and Planning (DSDIP) will contact you shortly with details of a Financial Incentive Agreement which council will be required to enter into in order to complete the funding approval process.

If you require any further information, please contact Kate Browning, Program Manager, Major Projects Office, DSDIP, on 3452 7876 or email fluoride@dsdip.qld.gov.au, who will be pleased to assist.

Yours sincerely

Sch. 4(4)(6)

David Edwards
Director-General

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DSDIP RTI Release

RTI Document No. 376

Ref 107

Attachment 2
Background Information relating to
the Queensland Fluoridation Capital Assistance Program

In December 2007, the Queensland Government introduced new legislation regarding the introduction of fluoride to Queensland's drinking water supplies. The *Water Fluoridation Act 2008* (the Act) requires an eligible Public Potable Water Supplier (PPWS) to implement fluoridation within the timeframe prescribed in the *Water Fluoridation Regulation 2008* (the Regulation). A relevant PPWS under the Act means a PPWS supplying potable water to at least 1000 members of the public.

Department of Health (DOH) administers the Act and subordinate legislation which establishes the implementation program and administrative and regulatory arrangements. DOH also sets the prescribed concentration of fluoride in drinking water and has monitoring responsibility once fluoridation plants become operational (following implementation). DOH has published and retains responsibility for the Water Fluoridation Code of Practice for the design and operation of fluoridation plants.

The Major Projects Office is leading the infrastructure implementation of the Queensland Water Fluoridation Program (QWFP) from 2008-2014.

The Infrastructure Project Management Group (IPMG) guides the implementation of water fluoridation by PPWSs (Councils and Water Boards). The departmentally managed IPMG contracts professional technical services from two companies (Cardno Pty Ltd and Beca Pty Ltd), to ensure the safe implementation of the QWFP in accordance with the Act, supporting Regulation and codes, and to meet the implementation schedule as announced by the former Premier in December 2007.

QFCAP funding guidelines provide for funding of reasonable, lowest life cycle costs directly related to fluoridation. The proposed method of fluoride dosing must also conform to the Water Fluoridation Code of Practice. The Major Projects Office administers QFCAP and recommends QFCAP funding for each PPWS, based on recommendations of the IPMG.

The Queensland Government has allocated funding to QFCAP over a six-year period, from 1 July 2008 to 30 June 2014, to assist each PPWS outside South East Queensland to safely implement fluoridation of regulated water supplies. Normally, fluoride dosing infrastructure will be funded at the rate of 100 per cent. However, there will be some instances where 100 per cent funding is not applied, such as:

- where the PPWS has opted to utilise infrastructure or equipment which is not the lowest cost option for the safe delivery of fluoride (as advised by the IPMG);
- where the PPWS has decided to undertake a fluoride delivery method, which, in the opinion of the IPMG professional technical review team, is not the lowest cost option for the safe delivery of fluoride;
- where the PPWS has included works which are not associated with the safe delivery of fluoride (e.g. replacement of existing parts); or
- where the PPWS is receiving other State or Federal Government funding towards the project.

Each PPWS (defined by the Act) listed in Schedule 1 of the Regulation, outside South East Queensland, is an eligible applicant for QFCAP funding.

DSDIP Release

RTI Document No. 377

QFCAP provides funding towards capital works associated with the design and installation of fluoridation infrastructure. Eligible works include design, construction and commissioning and initial plant operator training.

Recurrent costs associated with operations and maintenance are excluded, apart from an allowance for the first three years provided to Indigenous communities which have implemented fluoridation under QFCAP.

Amendments to the Act repealing the mandatory requirement for water supplies servicing greater than 1000 residents to be fluoridated were debated and passed by Parliament on 29 November 2012, receiving assent on 5 December 2012. The amendments require local governments to decide whether or not to fluoridate based on the best interests of the community.

To accompany the amendments to the Act, the Regulation has been amended to remove Schedule 1 of the Regulation. Schedule 1 listed the water supplies to be fluoridated and the dates before which fluoride must be added to a water supply. Regulation amendments were passed by the Governor in Council on 20 December 2012.

PPWS that have expended funding on fluoridation in good faith, when fluoridation was mandatory, but decide not to continue with fluoridation or cease dosing fluoride, will be reimbursed eligible costs for fluoridation.

The QFCAP will continue until 30 June 2014, to enable PPWS sufficient time to submit reimbursement claims due to:

- community consultation, where undertaken, to assist local governments in the decision making process;
- contract negotiation where PPWS pull out of a construction contract; or
- delays in commencement of fluoridation infrastructure, for those that decide to continue implementation of fluoridation, while PPWS awaited Act amendments.

With the removal of Schedule 1 of the Regulation any PPWS, regardless of population serviced, will be eligible to apply for funding under the QFCAP for fluoridation infrastructure, where the Council makes the decision to fluoridate. Payment claims will need to be finalised prior to the completion of QFCAP in June 2014.

DSDIP RTI Release

Rf 108.

EXPENDITURE REIMBURSEMENT CLAIM

File Note for FUNDING APPROVAL under the Queensland Fluoridation Capital Assistance Program (QFCAP) for the Whitsunday Regional Council (the council)

MBN14/376 refers to the:
Bowen Bores, Airlie/Cannonvale Beaches and Collinsville water treatment plants (wtps)

In order to assist Queensland local governments with the cost of implementing water fluoridation, the Department of State Development, Infrastructure and Planning (DSDIP), manages the QFCAP. The QFCAP provides up to 100 per cent funding of eligible works for the lowest cost option for the safe provisions of water fluoridation. The *Water Fluoridation Act 2008* (the Act) and the *Water Fluoridation Regulation 2008* provide the legislation framework for QFCAP.

In summary the Act was amended by Parliament on 29 November 2012 and received assent on 5 December 2012. The amendments repealed the mandatory requirement for water supplies servicing greater than 1000 residents to be fluoridated. This now requires local governments to decide whether or not to proceed with fluoridation based on the best interests of the community. Refer to background details of QFCAP contained in Attachment 3 of MBN14/376.

Funding will be available until the QFCAP concludes on 30 June 2014.

Financial Incentive Agreement

Should the Minister approve MBN14/376, DSDIP officers will prepare and arrange for the execution of a Financial Incentive Agreement in order to release the recommended $57 500.00 (excluding GST) for reimbursement of fluoridation concept design and other preliminary eligible costs.

Project Notes and Comments

Prior to the latest amendments of the Act and Regulation, council was required to commence fluoride dosing by 31 December 2012. In order to access QFCAP funding, council was required to engage a professional service provider to prepare fluoridation concept design reports (FCDR) for the sites detailed in Table 1.

Plant location	Recommended Ex GST amount
Fluoridation of the Airlie / Cannonvale Beaches Water Treatment Plant	$19 166.66
Fluoridation of the Bowen Bores	$19 166.67
Fluoridation of the Collinsville Water Treatment Plant	$19 166.67
	$57 500.00

Table 1

On 10 April 2013 council resolved not to fluoridate water schemes located at Bowen Bores, Airlie/Cannonvale Beaches and Collinsville and DSDIP has over several months been working with council officers to discuss the requirements to close out these QFCAP funded projects.

On 4 February 2014 the Deputy Director-General, Major Projects Office, wrote to council requesting that it advise its intentions regarding expenditure reimbursement submissions for Bowen Bores, Airlie/Cannonvale Beaches and Collinsville projects.

On 19 February 2014 council forwarded DSDIP supporting documentation for claiming the concept design costs for assessment and validation totalling $57 500.00 (excluding GST). Council has indicated the FCDR invoice cost breakdown as itemised in Table 1 should be equally shared over all three projects.

DSDIP - RTI Release

RTI Document No. 379

Close Out Report

As this is at the Ministerial approval stage a project close out report is not yet required to be lodged. Council has however been provided with the relevant document and assistance has been offered to assist with completion of same.

Budget

Sufficient funds remain in the QFCAP budget to allow for approval to reimburse the $57 500.00 being sought by council.

Previous Funding Claims

As this project is at the Ministerial approval stage no previous funding has been paid.

Supporting Information/Notes and Calculations

In order to pre assess for QFCAP funding approval, and in accordance with QFCAP guidelines, DSDIP officers liaised with council officers and obtained a copy of the relevant invoices and general ledger evidence to verify the claim made for fluoride expenditure. The total eligible expenditure to date is $57 500.00. The items submitted in the expenditure reimbursement submission Table 2 were deemed eligible for reimbursement.

The GHD Pty Ltd invoice breakdown

Date	Invoice Number	Summary	Fluoride Net Portion	GST Amount	Invoice Total
29/02/2012	4232494	Professional Service fees	$16 070.00	$1 607.00	$17 677.00
28/03/2012	4232717	Professional Service fees	$10 100.00	$ 1010.00	$11 110.00
26/04/2012	4233003	Professional Service fees	$4 040.00	$404.00	$4 444.00
31/05/2012	4233278	Professional Services fees	$15 942.50	$1 594.25	$17 536.75
27/06/2012	4233558	Professional Services fees	$10 957.50	$1 095.75	$12 053.25
23/10/2012	4234445	Professional Services fees	$390.00	$39.00	$429.00
			$57 500.00	**$5 750.00**	**$63 250.00**

Table 1

Submitted for approval.
Robbie Recoquillion - Senior Project Officer

Noted by (please initial):
Michael Norris – Senior Project Officer

Noted by (please initial):
Kate Browning – Program Manager

DSDIP RTI Release

RTI Document No. 380

Ref 109

Received

- 4 JUN 2014

Ref No: MBN14/313

DSDIP – BRIEF FOR DECISION **ESU** Date: 30 May 2014

SUBJECT: Recommending approval of funds for Cairns Regional Council under the Queensland Fluoridation Capital Assistance Program

NOTED or APPROVED/~~NOT APPROVED~~

Sch. 4(4)(6)

~~Hon.~~ Jeff Seeney ~~MP~~
Deputy Premier, Minister for State Development, Infrastructure and Planning

Date: 2/6/14.

RECOMMENDATION:

- **approve** a maximum funding of $85 380.68 (excluding GST) under the Queensland Fluoridation Capital Assistance Program (QFCAP) to the Cairns Regional Council for the Fluoridation of the Behana Creek Water Treatment Plant (WTP) project
- **sign** the attached letter to Councillor Bob Manning, Mayor of Cairns Regional Council (**Attachment 1**)
- **note** that Mr David Edwards, Director-General, Department of State Development, Infrastructure and Planning (DSDIP), will write to Mr Peter Tabulo, Chief Executive Officer, Cairns Regional Council, to advise him of your decision.

BACKGROUND:

In order to assist Queensland local governments with the cost of implementing water fluoridation, DSDIP manages the QFCAP. QFCAP provides up to 100 per cent funding of eligible works for the lowest cost option for the safe provision of water fluoridation. The *Water Fluoridation Act 2008* (the Act) and the *Water Fluoridation Regulation 2008* (the Regulation) provide the legislative framework for QFCAP.

The Act was amended by Parliament on 29 November 2012 and received assent on 5 December 2012. The amendments repealed the mandatory requirement for water supplies servicing greater than 1000 residents to be fluoridated. This requires local governments to decide whether or not to proceed with fluoridation based on the best interests of the community.

Please refer to background details of QFCAP (**Attachment 2**).

The Cairns Regional Council has five WTPs that could be modified for fluoride dosing. Please refer to **Attachment 3** for detailed information on QFCAP funding for the council's Fluoridation of the Behana Creek WTP project.

KEY ISSUES:

The council is seeking approval for reimbursement of $433 252.68 (excluding GST) expended on the Behana Creek WTP project while the DSDIP recommendation for approval is for maximum funding of $85 380.68 (excluding GST).

Sch. 4(4)(6)

Author details		Endorsed by:	Stuart Pickering DDG	Endorsed by:	David Edwards
Name:	Ian McFarland	Business Group:	Major Projects	Position:	Director-General
Position:	Major Projects	Telephone:	3452 7781	Telephone:	3227 8451
Telephone:	3452 7766	Approved	30 May 2014		30/5/14

DSDIP - RTI Release

RTI Document No. 381

In 2009, the council purchased two water fluoridation dosing systems for installation at each of the Freshwater Creek Tunnel Hill and Behana Creek WTPs. The orders for the fluoridation system for both WTPs were placed at the same time, as council claims it achieved some cost savings by ordering the two dosing systems together. The council received QFCAP funding for the Freshwater Creek Tunnel Hill WTP and the fluoridation plant was subsequently commissioned by the regulated date of 31 December 2009. The regulated date for Behana Creek WTP at that time was 31 December 2011. On 1 January 2010, as a result of an amendment to the fluoride legislation, the date by which the council was required to add fluoride to Behana Creek WTP was amended to 31 December 2012.

The council purchased the Behana Creek WTP water fluoridation dosing system prior to funding approval being obtained and prior to entering into a financial incentive agreement with the state. Council has indicated that it advised DSDIP officers at the time it was purchasing the dosing system for the Behana WTP. However, since the commencement of the QFCAP it has been the DSDIP's position, emphasised to councils, that should a council enter into major purchases prior to receiving funding approval, it does so at its own risk, that is there were no guarantees that a council would be reimbursed for any expenditure incurred.

On 30 January 2013, the council resolved that, by 13 February 2013, it cease the fluoridation of the council's water supply at the four WTPs where a fluoride dosing system had been commissioned. To date council, has received QFCAP funding for the Tunnel Hill, Frenchmans Creek, Mossman and Whyanbeel WTPs totalling $3 356 414.30.

In August 2013, the council requested reimbursement of expenditure of $434 602.68 (excluding GST) for the purchase of a water fluoridation dosing system and preparation of a Fluoridation Concept Design Report (FCDR) for the Behana Creek WTP. At this time, the request was not supported by evidence from the council's financial database and DSDIP did not receive this information until February 2014. The fluoride dosing system unit has not been installed.

QFCAP has honoured some costs incurred by councils in preparing a FCDR prior to receiving funding approval. Preparation of the FCDR was a pre-requisite to receiving funding approval under QFCAP. To date, no council has been reimbursed for infrastructure constructed or purchased prior to QFCAP funding approval being obtained by DSDIP.

In April 2014, the council advised DSDIP of an amendment to its project management costs and provided evidence to support QFCAP eligible expenditure of $85 380.68 (excluding GST) for the preparation of a FCDR, advertising and external project management fees.

Consequently, DSDIP recommends funding of $85 380.68 (excluding GST) be approved for the Fluoridation of the Behana Creek WTP, this being the amount requested by the council less the cost ($349 222.00) of the purchase of the water fluoridation dosing system, that was purchased without QFCAP funding approval and has not been installed.

The approval of $85 380.68 (excluding GST) for the Fluoridation of the Behana Creek WTP project being sought in this brief can be met from the $2.5 million remaining in the QFCAP budget.

RESULTS OF CONSULTATION:

Major Projects Office, QFCAP officers consulted with DSDIP Internal Audit who support the decision to not reimburse the council for the cost ($349 222.00) of the purchase of the water fluoridation dosing system.

Sch. 3(7)

DSDIP RTI Release

Ref 110

Queensland Government

Hon Jeff Seeney MP
Deputy Premier
Minister for State Development, Infrastructure and Planning

Our ref: MBN14/313

- 4 JUN 2014

Councillor Bob Manning OAM
Mayor
Cairns Regional Council
PO Box 359
CAIRNS QLD 4870

Bob.

Dear Councillor Manning

I refer to the Cairns Regional Council's application for funding under the Queensland Fluoridation Capital Assistance Program.

I am pleased to advise that I have approved funding up to a maximum of $85 380.68 (excluding GST) for the "Fluoridation of the Behana Creek Water Treatment Plant" project. The funding is towards eligible expenditure reimbursement for costs incurred with fluoridation concept design report preparations.

David Edwards, Director-General, Department of State Development, Infrastructure and Planning, will write to Peter Tabulo, council's Chief Executive Officer, notifying him of the funding approval, and will shortly provide Mr Tabulo with details of a Financial Incentive Agreement that council will be required to enter into in order to complete the funding approval process.

If you require any further assistance, please do not hesitate to contact my office.

Yours sincerely

Sch. 4(4)(6)

JEFF SEENEY MP
DEPUTY PREMIER
Minister for State Development, Infrastructure and Planning

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DSDIP RTI Release

RTI Document No. 383

Ref 111

Queensland Government

Department of
State Development, Infrastructure and Planning

Our ref: MBN14/313

5 JUN 2014

Mr Peter Tabulo
Chief Executive Officer
Cairns Regional Council
PO Box 359
CAIRNS QLD 4870

Peter

Dear Mr Tabulo

I refer to the Cairns Regional Council's application for funding under the Queensland Fluoridation Capital Assistance Program (QFCAP).

I am pleased to advise that the Honourable Jeff Seeney MP, Deputy Premier, Minister for State Development, Infrastructure and Planning, has approved funding up to a maximum of $85 380.68 (excluding GST) for the fluoridation of the Behana Creek Water Treatment Plant project. The funding is towards eligible expenditure reimbursement for costs incurred with fluoridation concept design report preparations.

The cost ($349 222.00 excluding GST) of purchasing a water fluoridation dosing system was deemed ineligible for reimbursement as Cairns Regional Council purchased the plant prior to receiving QFCAP funding approval, as per the QFCAP process.

The Deputy Premier has also written to Councillor Bob Manning, Mayor of Cairns Regional Council, notifying him of the funding approval.

The Department of State Development, Infrastructure and Planning will contact you shortly with details of a Financial Incentive Agreement which council will be required to enter into in order to complete the funding approval process. Information regarding the process for council to seek reimbursement of project expenses will also be included with this letter.

If you require any further information, please contact Michael Norris, Senior Project Officer, Major Projects Office, on 3452 7761 or fluoride@dsdip.qld.gov.au, who will be pleased to assist.

Yours sincerely

Sch. 4(4)(6)

David Edwards
Director-General

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Website www.dsdip.qld.gov.au
ABN 29 230 178 530

DSDIP RTI Release

RTI Document No. 384

Attachment 2
Background Information relating to
the Queensland Fluoridation Capital Assistance Program

In December 2007, the Queensland Government introduced new legislation regarding the introduction of fluoride to Queensland's drinking water supplies. The *Water Fluoridation Act 2008* (the Act) requires an eligible Public Potable Water Supplier (PPWS) to implement fluoridation within the timeframe prescribed in the *Water Fluoridation Regulation 2008* (the Regulation). A relevant PPWS under the Act means a PPWS supplying potable water to at least 1000 members of the public.

Department of Health (DOH) administers the Act and subordinate legislation which establishes the implementation program and administrative and regulatory arrangements. DOH also sets the prescribed concentration of fluoride in drinking water and has monitoring responsibility once fluoridation plants become operational (following implementation). DOH has published and retains responsibility for the Water Fluoridation Code of Practice for the design and operation of fluoridation plants.

The Major Projects Office is leading the infrastructure implementation of the Queensland Water Fluoridation Program (QWFP) from 2008-2014.

The Infrastructure Project Management Group (IPMG) guides the implementation of water fluoridation by PPWSs (Councils and Water Boards). The departmentally managed IPMG contracts professional technical services from two companies (Cardno Pty Ltd and Beca Pty Ltd), to ensure the safe implementation of the QWFP in accordance with the Act, supporting Regulation and codes, and to meet the implementation schedule as announced by the former Premier in December 2007.

QFCAP funding guidelines provide for funding of reasonable, lowest life cycle costs directly related to fluoridation. The proposed method of fluoride dosing must also conform to the Water Fluoridation Code of Practice. The Major Projects Office administers QFCAP and recommends QFCAP funding for each PPWS, based on recommendations of the IPMG.

The Queensland Government has allocated funding to QFCAP over a six-year period, from 1 July 2008 to 30 June 2014, to assist each PPWS outside South East Queensland to safely implement fluoridation of regulated water supplies. Normally, fluoride dosing infrastructure will be funded at the rate of 100 per cent. However, there will be some instances where 100 per cent funding is not applied, such as:

- where the PPWS has opted to utilise infrastructure or equipment which is not the lowest cost option for the safe delivery of fluoride (as advised by the IPMG);
- where the PPWS has decided to undertake a fluoride delivery method, which, in the opinion of the IPMG professional technical review team, is not the lowest cost option for the safe delivery of fluoride;
- where the PPWS has included works which are not associated with the safe delivery of fluoride (e.g. replacement of existing parts); or
- where the PPWS is receiving other State or Federal Government funding towards the project.

Each PPWS (defined by the Act) listed in Schedule 1 of the Regulation, outside South East Queensland, is an eligible applicant for QFCAP funding.

DSDIP RTI Release

RTI Document No. 385

QFCAP provides funding towards capital works associated with the design and installation of fluoridation infrastructure. Eligible works include design, construction and commissioning and initial plant operator training.

Recurrent costs associated with operations and maintenance are excluded, apart from an allowance for the first three years provided to Indigenous communities which have implemented fluoridation under QFCAP.

Amendments to the Act repealing the mandatory requirement for water supplies servicing greater than 1000 residents to be fluoridated were debated and passed by Parliament on 29 November 2012, receiving assent on 5 December 2012. The amendments require local governments to decide whether or not to fluoridate based on the best interests of the community.

To accompany the amendments to the Act, the Regulation has been amended to remove Schedule 1 of the Regulation. Schedule 1 listed the water supplies to be fluoridated and the dates before which fluoride must be added to a water supply. Regulation amendments were passed by the Governor in Council on 20 December 2012.

PPWS that have expended funding on fluoridation in good faith, when fluoridation was mandatory, but decide not to continue with fluoridation or cease dosing fluoride, will be reimbursed eligible costs for fluoridation.

The QFCAP will continue until 30 June 2014, to enable PPWS sufficient time to submit reimbursement claims due to:

- community consultation, where undertaken, to assist local governments in the decision making process;
- contract negotiation where PPWS pull out of a construction contract; or
- delays in commencement of fluoridation infrastructure, for those that decide to continue implementation of fluoridation, while PPWS awaited Act amendments.

With the removal of Schedule 1 of the Regulation any PPWS, regardless of population serviced, will be eligible to apply for funding under the QFCAP for fluoridation infrastructure, where the Council makes the decision to fluoridate. Payment claims will need to be finalised prior to the completion of QFCAP in June 2014.

The QFCAP guidelines are currently being updated to reflect recent Act and Regulation amendments.

DSDIP RTI Release

Ref 113

Attachment 3 to MBN 14/313

Recommendation of funds for Cairns Regional Council under the Queensland Fluoridation Capital Assistance Program (QFCAP) – project history
Behana Creek Water Treatment Plant

Under the earlier versions of the *Water Fluoridation Regulation 2008* (the Regulation), responsibility for implementing the "Fluoridation of the Behana Creek Water Treatment Plant" project was assigned to Tablelands Regional Council. The regulated date (the date by which fluoride was to be added to the water supply system) was 31 December 2011. This was an error, as the Behana Creek Water Treatment Plant (WTP) was located in Cairns Regional Council.

Cairns Regional Council (hereafter referred to as "the council") officers advised the Department of Health (DoH – the Agency responsible for the Regulation) that the Behana Creek WTP was located in Cairns Regional Council, and requested that the legislation be amended to reflect the correct locality. DoH subsequently amended the legislation.

Council prepared a fluoridation concept design report (FCDR) for the "Fluoridation of the Behana Creek WTP" and submitted it to DSDIP 28 July 2009 with the QFCAP Application Form. The QFCAP Application Form indicated that council had awarded mechanical equipment for both Behana Creek and Freshwater Creek Tunnel Hill WTPs on 22 July 2009. The council placed orders for two water fluoridation dosing systems in August 2009 intended for installation at the Freshwater Creek Tunnel Hill WTP and the Behana Creek WTP. Freshwater Creek Tunnel Hill WTP regulated date was 31 December 2009. The orders were placed at the same time as council claims it achieved some cost savings by ordering the two plants together.

DSDIP referred the FCDR to the Infrastructure Project Management Group (IPMG), which completed their review in March 2010. The extended review time was due to the discovery that council may build a new water treatment plant at Gordonvale as part of the Mulgrave Aquifer Scheme and would therefore no longer fluoridate water from Behana Creek. Discussions were undertaken between DoH and council.

On 1 January 2010, as a result of an amendment to the legislation, the date by which the council was required to add fluoride to Behana Creek WTP was amended to 31 December 2012. The Behana Creek water fluoridation dosing system was placed in storage, as council considered whether to construct a new Behana Creek WTP, or upgrade the existing plant.

It should be noted that the council purchased the Behana Creek water fluoridation dosing system prior to receiving a funding approval and prior to entering into a financial incentive agreement with the State.

Council has indicated that it advised DSDIP officers at the time it was purchasing the dosing system for the Behana WTP. However, since the commencement of the QFCAP, it has been the Department's position, emphasized to Councils, that should a council enter into major purchases prior to receiving funding approval, it does so at its own risk, that is, there were no guarantees that a council would be reimbursed for any expenditure incurred.

Council prepared a new FCDR for Behana WTP in late 2011 after a review of the original FCDR identified several areas that needed further investigation particularly electrical supply and perceived excessive building size to house the water fluoridation dosing system. The new FCDR was submitted to DSDIP in April 2012. DSDIP referred the FCDR to the IPMG, which reviewed the FCDR during May 2012 and recommended maximum funding of $673 800.00 (excluding GST) be made available for the project.

In June 2012, a briefing note recommending funding for this project was prepared for the consideration of the Deputy Premier. This brief, along with other QFCAP funding approval briefs,

DSDIP RTI Release

RTI Document No. 387

was placed on hold while DoH prepared Act amendment proposals for debate in Parliament in relation to water fluoridation. Council was advised the funding approval recommendation was placed on hold.

In October 2012, a briefing note recommending funding for this project was prepared for the consideration of the Deputy Premier. This brief, along with other QFCAP funding approval briefs, was placed on hold while the DoH prepared further amendment proposals to the Act for debate in Parliament in relation to water fluoridation. Council was advised the funding approval recommendation was placed on hold.

On 29 November 2012, the Honourable Mark McArdle MP, Minister for Energy and Water Supply, made the following statement in Parliament:

"…Those local governments that have up to now invested in drinking water fluoridation infrastructure in good faith and that subsequently determine that it is not in the best interests of the community to continue fluoridation may be able to claim eligible capital costs back from the Queensland Fluoridation Capital Assistance Program."

In January 2013, council resolved to cease adding fluoride to the Tunnel Hill, Frenchmans Creek, Mossman and Whyanbeel WTPs. Council had received QFCAP funding totalling $3 356 414.30 for these water fluoridation plants.

In August 2013, council submitted a request for reimbursement for the Behana Creek WTP project. Council expenditure to date was **$434 612.68** (excluding GST). In an e-mail dated 17 April 2014, council indicated that only $42 560.00 of the project management fees are applicable to the water fluoridation project for development of the FCDR. Subsequently, council submitted an amended expenditure claim for **$433 252.68** (excluding GST). In May 2015, council provided evidence from their financial system that project management costs for Behana CK fluoride project were actually $44,000 (excluding GST).

Council is claiming reimbursement of the following eligible items:

Item	Cost (excluding GST)
Water fluoridation dosing system	$349 222.00
Fluoridation concept design reports	$38 173.00
Advertising	$3 207.68
Project management fees	$44 000.00
Sub Total	**$434 602.68**

Table 1

While council has incurred expenditure beyond preparing the FCDR prior to receiving a QFCAP funding approval, it suggests it did so in good faith. Council backs its claim for purchasing the water fluoridation dosing system stating the conditions of the Act and the Regulation (as they were at the time) made purchasing water fluoridation infrastructure mandatory. However, the regulated date for Behana Creek WTP, at the time the dosing system was purchased (August 2009) was 31 December 2011.

Throughout the QFCAP rollout all public potable water suppliers (PPWS) have been repeatedly advised by DSDIP officers that should a council enter into major purchases prior to receiving funding approval, it does so at its own risk, that is, there were no guarantees that a council would be reimbursed for any expenditure incurred.

DSDIP RTI Release

RTI Document No. 388

The fluoride dosing unit for the Behana Creek WTP was not installed and following council's decision to not fluoridate the Cairns water supply, council advises it has attempted to sell the surplus water fluoridation dosing system and there is currently no market for it.

Major Projects Office, QFCAP officers consulted with DSDIP Internal Audit who support the decision to not reimburse the council for the cost ($349 222.00) of the purchase of the water fluoridation dosing system.

Sch. 3(7)

Table 2 below indicates the DSDIP officer recommendation for this project based on the QFCAP program guidelines and a review of the advice sought from DSDIP Internal Audit and DSDIP Legal.

Item	Cost (excluding GST)
Fluoridation concept design reports	$38 173.00
Advertising	$3 207.68
Project management fees	$44 000.00
QFCAP Funding Recommendation	**$85 380.68**

Table 2

DSDIP - RTI Release

Ref 114

Cairns Regional Council - Behana Creek Fluoridation - Calculations

Invoice Number	Who	Amount (ex GST)	Total	Paid Evidence	Notes
4232971	GHD	$ 2,176.00	**$ 2,176.00**	Yes	
4233150	GHD	$ 1,088.00	**$ 1,088.00**	Yes	
4232452	GHD	$ 12,574.00	**$ 12,574.00**	Yes	
4232746	GHD	$ 22,335.00	**$ 22,335.00**	Yes	
		SUB TOTAL	**$ 38,173.00**		
J441161.1	Adcorp	$ 2,323.68	**$ 2,323.68**	Yes	
28358307	Cairns Post	$ 884.00	**$ 884.00**	Yes	Invoice was originally for $1 155.68. Payment data shows $884.00 was paid against this invoice for fluoride.
		SUB TOTAL	**$ 3,207.68**		
212174	Prominent	$ 331,074.00	**$ 331,074.00**	Yes	
213632	Prominent	$ 18,148.00	**$ 18,148.00**	Yes	
		SUB TOTAL	**$ 349,222.00**		
1	Robert Willemse	$ 1,350.00			John Bishop from Cairns Regional Council advised that Robert Willemse was a contractor for the Council at the time - therefore his fees are considered as an eligible expense
		$ 810.00	**$ 2,160.00**	Yes	
2	Robert Willemse	$ 1,890.00			
		$ 720.00	**$ 1,890.00**	Yes	Invoice and timesheet shows $2610 on Behana but Council only paid $1890 of this invoice, difference being $720
3	Robert Willemse	$ 1,080.00			
		$ 720.00	**$ 1,800.00**	Yes	
4	Robert Willemse	$ 675.00			
		$ 675.00	**$ 1,350.00**	Yes	
5	Robert Willemse	$ 1,350.00			
		$ 1,710.00	**$ 3,060.00**	Yes	
6	Robert Willemse	$ 450.00			
		$ 1,800.00	**$ 2,250.00**	Yes	
7	Robert Willemse	$ 1,800.00			
		$ 1,800.00	**$ 3,600.00**	Yes	
8	Robert Willemse	$ 1,440.00			
		$ 1,080.00	**$ 3,600.00**	Yes	Invoice and timesheet shows $2520 on Behana but Council paid $3600 of this invoice, difference being $1080
9	Robert Willemse	$ 1,440.00			
		$ 1,800.00	**$ 3,240.00**	Yes	
10	Robert Willemse	$ 1,800.00			
		$ 1,800.00	**$ 3,600.00**	Yes	
11	Robert Willemse	$ 1,800.00			
		$ 1,260.00	**$ 3,060.00**	Yes	
12	Robert Willemse	$ 1,260.00			
		$ 2,340.00	**$ 3,600.00**	Yes	
13	Robert Willemse	$ 1,530.00			
		$ 2,430.00	**$ 3,960.00**	Yes	
14	Robert Willemse	$ 1,800.00			
		$ 1,800.00	**$ 3,600.00**	Yes	
15	Robert Willemse	$ 1,800.00			
		$ 1,800.00	**$ 3,230.00**	Yes	Invoice and timesheet shows $3600 on Behana but Council paid $3230 of this invoice, difference being $370.
		SUB TOTAL	**$ 44,000.00**		
	TOTAL (excluding GST		**$ 434,602.68**		
	Less Prominent Payments		**$ 349,222.00**		
	Total to be recommended		**$ 85,380.68**		

Prominent Payments
$ 1,616.00
$ 317,274.00
$ 343.00
$ 2,767.00
$ 9,074.00
$ 9,074.00
$ 8,658.00
$ 416.00
$ 349,222.00

DSDIP RTI Release

Ref 115.

Project closeout report

Public potable water supplier:

Mount Isa Water Board

Project name:

Mount Isa Terminal Reservoir Fluoridation Plant

DSDIP - RTI Release

RTI Document No. 391

Introduction

The objective of this report is to provide the Queensland Government with:

- a summary of activities that took place to achieve the goals of the project (by completing the below questions)
- support for the last funding expenditure reimbursement claim.
- a notification the project has been completed.

Instructions

Please answer all questions relevant to your project. If you are unable to provide an answer, please state so. If the question is not applicable to your project, please answer "Not Applicable" and why this is so.

1. Project details

Please insert the details about your project in the table below.

Project name	Mount Isa Terminal Reservoir Fluoridation Plant
Approval date	21/06/2012
Funding agreement execution date	28/09/2012
Approved funding ($)	$790,752.00 (Excluding GST)
Funding paid to date ($)	$711,676.80 (Excluding GST)
Amount Outstanding ($)	$79,075.20
Population served	24,000

DSDIP - RTI Release

RTI Document No. 392

2. Construction details

Please insert the construction details about your project in the table below.

Procurement methodology	Design and Construct
Concept design prepared by	AECOM in conjunction with MJM Environmental
Detailed design prepared by	Water Infrastructure Group
Construction awarded to	Water Infrastructure Group
Fluoridation equipment supplier	Siemens Australia
Flow meters utilised (type and size)	Existing Magflow flometers on the MICC and MIM pipelines
Concentration analysers utilised	Prominent Dulcometer D1C Fluoride Analyser or equivalent with the provision to add TISAB in the future if required
Remote monitoring equipment (if installed)	Overall System controlled SCADA system supplied by Schneider Electric.
Plant capacity including minimum and maximum flow demands	Refer Table 10.7 of the attached Tender document
Chemical type	Sodium Silicofluoride

DSDIP - RTI Release

RTI Document No. 393

3. Timelines

Please provide the dates for your project milestones in the table below.

Activity	Original forecasted date	Actual completion date
Commencement of Fluoride concept design report (FCDR)	14/4/2010	20/4/2010
Construction commencement	18/10/2012	Works stopped due to Mount Isa City Council resolution to not provide Fluoride to the potable water system.
Commencement date of proof of performance testing	N/A	N/A
Completion date of proof of performance testing	N/A	N/A
Commissioning date/hand over to PPWS	N/A	N/A
Training completed and competency gained	N/A	N/A

Please complete the questions below about your project timelines.

3.1 Has there been any major delays to the **construction** of the fluoride facility?

~~Yes~~ / No (please circle)

3.2 If yes, what caused these delays? (you may attach a report detailing the reasons for the delays)

DSDIP - RTI Release

RTI Document No. 394

4. Costs

Please insert your project costs in the table below and provide further information if applicable to the question below.

Activity	Original forecasted amount	Actual amount
Final cost of planning, design and construction	$1,031,313.00	$932,448.95
Commissioning costs	$54,748.00	Nil
Cost of chemical supply per bag (including freight)	N/A	N/A

4.1 If the project was completed at a higher than estimated cost and the contingency amount was required, please provide a brief explanation as to why this occurred (you may attach a report detailing the reasons for the increased cost).

DSDIP - RTI Release

RTI Document No. 395

5. Closure

Please provide further details on the items listed below (you may use attachments):.

5.1 Proof of performance testing criteria
N/A

5.2 Proof of performance testing results
N/A

5.3 Water analysis results
N/A

5.4 Please provide a list of outstanding business activities, risks and issues associated with the project.
N/A

5.5 What closure activities still require completion?
N/A

5.6 Please provide any 'lesson(s) learnt' which could assist future implementations (you may use attachments). This may include any experience you had with your contractors.
Nil

Please circle an answer to each of the questions below, If the answer is 'to be completed' please insert the date for which it will be completed by.

5.7. Is hand over of the project deliverables and documentation
Completed / to be completed by 31/03/2014

5.8 Termination of any supplier contracts:
Completed / to be completed by Nil

5.9 Release resources
Completed / to be completed by Nil

5.10 Undertake closure communication (for example Queensland Health)
Completed / to be completed by Nil

DSDIP - RTI Release

RTI Document No. 396

6. Photographs

Please provide electronic copies of photographs showing the following:

- the completed project - (Submitted with Fortnightly Reports)
- photographs of the project during construction - (Submitted with Fortnightly Reports)
- ~~a photograph of the dosing meter showing the dosing level~~
- ~~A copy of the 24 hour trend graph indicating WTP flow and fluoride levels.~~

7. Documentation

Please provide copies of the following documents:

- the Certificate(s) of Practical Completion issued by the superintendent(s) – (Will be issued on receipt of final documents)
- ~~the Certificates of Final Acceptance Tests~~
- ~~written evidence the fluoride facility has met the performance requirements of the Regulation for a period of not less than 14 consecutive operating days and continues to do so~~
- ~~written evidence two (2) plant operators per fluoride facility have completed qualified training~~
- written evidence the associated documentation (e.g. operation and maintenance manuals, as-constructed information) is complete in all respects – (Will be submitted with final documents)
- the certified contract payment schedules, the Certificate(s) of Practical Completion and the Certificates of Final Acceptance Tests
- the final Budget and cost report – (See previous Fortnightly Reports)
- ~~results of tests carried out in accordance with the Regulation demonstrating that the fluoride facility is meeting the requirements of the Regulation~~
- the completed final subsidy post-commissioning checklist – N/A
- a statement of compliance with the Regulation. N/A

DSDIP - RTI Release

RTI Document No. 397

9. Sign Off

I certify that the information provided in this report is an accurate reflection of project activities.

Sch. 4(4)(6)

Sch. 4(4)(6)

17/03/2014

Signed

Chris Boshoff

Project Manager

Sch. 4(4)(6)

17.3.14

Signed

Greg Stevens

Chief Executive Officer

DSDIP - RTI Release

RTI Document No. 398

Section 5 – Project Associated Activities (Item 5.4)

Project Closeout Report

Fluoridation of the Longreach Water Treatment Plant

The fluoridation facility has been operating since July 2013 within the requirements of the fluoridation regulation and does not have any outstanding issues in terms of fluoridation. Nor were there any risks identified during its operation.

Council has ceased operation of the fluoridation facility as of 16 January 2014. The decision to cease operation was due to concerns of the effects the blended water may have on certain evaporative air-conditioning systems within the community and the long term effects on the town's soils.

Although the fluoridation facility is currently not in use, it is capable of being brought back into operation immediately for fluoridation dosing. This will be dependent on the issue, concerning evaporative air-conditioners and soils, being resolved.

DSDIP - RTI Release

RTI Document No. 399

Ref 116

Department of State Development, Infrastructure and Planning

Project proposal report

For public potable water suppliers

Queensland Government

DSDIP - RTI Release

RTI Document No. 400

Introduction

The objective of this report is to provide the Queensland Government with:

- a summary of activities that took place to achieve the goals of the project (by completing the below questions)
- supporting information along with the request for payment form of the final 10 percent of costs incurred for the project (complete the Subsidy claim form available online at www.dip.qld.gov.au/grants-and-funding/queensland-fluoridation-capital-assistance-program) and supply cost substantiation)
- a notification of project finalisation.

Please ensure you complete Sections 2 through 7 thoroughly. Project information is required to ensure that the final subsidy payment can be authorised.

1. Project details

Please insert the details about your project in the table below.

Project name	Fluoridation of the Longreach Water Treatment Plant
Approval date	29/11 /2011
Funding agreement execution date	4 /09/2013
Approved funding ($)	$434,280.00
Funding paid to date ($)	$0
Amount outstanding	$434,280
Population served	Pop 3900

DSDIP - RTI Release

RTI Document No. 401

2. Construction details

Please insert the construction details about your project in the table below.

Procurement methodology	Tender process administered by George Bourne & Associates
Concept design prepared by	Longreach Regional Council assisted by Worley Parsons
Detailed design prepared by	Dowdens Group Pty Ltd
Construction awarded to	Dowdens Group Pty Ltd
Fluoridation equipment supplier	Dowdens Group Pty Ltd
Flow meters utilised (type and size)	Siemens DN 100 Electro-magnetic
Concentration analysers utilised	Hatch HQ 430d Flexi (fluoride analyser)
Remote monitoring equipment (if installed)	No
Plant capacity including minimum and maximum flow demands	Plant capacity 126L/s Min Demand 20L/s Max Demand 95L/s
Chemical selection	Sodium Hypochlorite, Coagulant,Flocculant, Fluoride

DSDIP - RTI Release

RTI Document No. 402

3. Timelines

Please provide the dates for your project milestones in the table below.

Activity	Original forecasted date	Actual completion date
Commencement of Fluoride concept design report (FCDR)	6/9 /2010	18/5 /2011
Construction commencement	1/1 /2011	21/9 /2012
Commencement date of proof of performance testing	1/ 5 /2011	17/ 6/ 2013
Completion date of proof of performance testing	27 / 4 /2013	29/ 7 /2013
Commissioning date/hand over to PPWS	27/ 4 /2013	29/7 /2013
Training completed and competency gained	27/ 4 /2013	19/ 6/2013

Please complete the questions below about your project timelines.

3.1 Has there been any major delays to the construction of the fluoride facility?

Yes / No Yes

3.2 If yes, what caused these delays? (you may attach a report detailing the reasons for the delays)

Refer to attached report

DSDIP - RTI Release

RTI Document No. 403

4. Costs

Please insert your project costs in the table below and provide further information if applicable to the question below.

Activity	Original forecasted amount	Actual amount
Final cost of planning, design and construction (separate costs detailed for fluoride plant and then WTP associated works linked to fluoride) linked to 4 below	see attached report	see attached report
Commissioning costs	see attached report	see attached report
Cost of chemical supply per bag (including freight)	see attached report	see attached report

4.1 If the project was completed at a higher than estimated cost and the contingency amount was required, please provide a brief explanation as to why this occurred (you may attach a report detailing the reasons for the increased cost).

DSDIP - RTI Release

RTI Document No. 404

5. Closure

Please provide further details on the items listed below (you may use attachments):.

5.1 Proof of performance testing criteria

See Attachment

5.2 Proof of performance testing results

See Attachment

5.3 Water analysis results

See Attachment

5.4 Please provide a list of outstanding business activities, risks and issues associated with the project.

See Attachment

5.5 What closure activities still require completion?

Defects Liability period ending 29 July 2014

5.6 Please provide any 'lesson(s) learnt' which could assist future implementations. This may include any experience you had with your contractors.

No lessons learned

Please circle an answer to each of the questions below, If the answer is 'to be completed' please insert the date for which it will be completed by.

5.7. Is hand over of the project deliverables and documentation
Completed / to be completed by:

15/ 1 /2014

5.8 Termination of any supplier contracts:
Completed / to be completed by:

29 /7/2014

5.9 Release resources
Completed / to be completed by:

29/ 7 /2013

5.10 Undertake closure communication (for example Queensland Health)

Completed / to be completed by:

29/ 7/2013

DSDIP RTI Release

RTI Document No. 405

6. Photographs

Please provide electronic copies of photographs showing the following. Tick to confirm they have been provided or attached

- [x] the completed project
- [x] photographs of the project during construction
- [x] a photograph of the dosing meter showing the dosing level
- [x] A copy of the 24 hour trend graph indicating WTP flow and fluoride levels.

7. Documentation

Please provide copies of the following documents. Tick to confirm they have been provided or attached.

- [x] the Certificate(s) of Practical Completion issued by the superintendent(s)
- [x] the Certificates of Final Acceptance Tests
- [x] written evidence the fluoride facility has met the performance requirements of the Regulation for a period of not less than 14 consecutive operating days and continues to do so
- [x] written evidence two (2) plant operators per fluoride facility have completed qualified training
- [x] written evidence the associated documentation (e.g. operation and maintenance manuals, as-constructed information) is complete in all respects
- [x] the certified contract payment schedules, the Certificate(s) of Practical Completion and the Certificates of Final Acceptance Tests
- [x] the final Budget and cost report
- [x] results of tests carried out in accordance with the Regulation demonstrating that the fluoride facility is meeting the requirements of the Regulation
- [x] the completed final subsidy post-commissioning checklist
- [x] a statement of compliance with the Regulation.

DSDIP RTI Release

RTI Document No. 406

8. Sign Off

I certify that the information provided in this report is an accurate reflection of project activities.

Sch. 4(4)(6)

Signed

John Roworth

Project Manager

Sch. 4(4)(6)

Signed

Mark Watt

Chief Executive Officer

Save

Print

Submit

DSDIP - RTI Release

RTI Document No. 407

Ref 117

Public potable water supplier:

Hinchinbrook Shire Council

Project name:

Forrest Beach WTP Fluoridation

Fluoridation of the Forrest Beach **water treatment plant**

DSDIP - RTI Release

RTI Document No. 408

Introduction

The objective of this report is to provide the Queensland Government with:

- a summary of activities that took place to achieve the goals of the project (by completing the below questions)
- support for the last funding expenditure reimbursement claim.
- a notification the project has been completed.

Instructions

Please answer all questions relevant to your project. If you are unable to provide an answer, please state so. If the question is not applicable to your project, please answer "Not Applicable" and why this is so.

1. Project details

Please insert the details about your project in the table below.

Project name	Forrest Beach Fluoridation
Approval date	14 September 2011
Funding agreement execution date	16 November 2011
Approved funding ($)	514,602
Funding paid to date ($)	$463,141
Population served	1500

DSDIP - RTI Release

RTI Document No. 409

2. Construction details

Please insert the construction details about your project in the table below.

Procurement methodology	Client Design / Construct Only (Competitive Tender)	
Concept design prepared by	Harrison Grierson Consultants PTY Ltd	
Detailed design prepared by	Harrison Grierson Consultants PTY Ltd	
Construction awarded to	Paynter Dixon	
Fluoridation equipment supplier	Siemens Water	
Flow meters utilised (type and size)	Siemens	
Concentration analysers utilised	Prominent	
Remote monitoring equipment (if installed)	Citek based SCADA System by Cooper Industries as all other W&S equipment used this remote monitoring	
Plant capacity including minimum and maximum flow demands	Fluoride Dose (kgF/d) at Min Water Demand 0.7	Fluoride Dose (kgF/d) at Max Water Demand 2.6
Chemical type	Sodium Fluoride	

DSDIP - RTI Release

RTI Document No. 410

3. Timelines

Please provide the dates for your project milestones in the table below.

Activity	Original forecasted date	Actual completion date
Commencement of Fluoride concept design report (FCDR)	December 2010	December 2010
Construction commencement	June 2011	October 2012
Commencement date of proof of performance testing	December 2011	June 2013
Completion date of proof of performance testing	January 2012	July 2013
Commissioning date/hand over to PPWS	January 2012	12/11/2013
Training completed and competency gained	December 2011	17 June 2013

Please complete the questions below about your project timelines.

3.1 Has there been any major delays to the **construction** of the fluoride facility?

Yes / (**No**) (please circle)

3.2 If yes, what caused these delays? (you may attach a report detailing the reasons for the delays)

DSDIP - RTI Release

RTI Document No. 411

4. Costs

Please insert your project costs in the table below and provide further information if applicable to the question below.

Activity	Original forecasted amount	Actual amount
Final cost of planning, design and construction	$683,000	$671,172.89
Commissioning costs	Included above	Included above
Cost of chemical supply per bag (including freight)	$62/bag	$37.25/5kg bottle

4.1 If the project was completed at a higher than estimated cost and the contingency amount was required, please provide a brief explanation as to why this occurred (you may attach a report detailing the reasons for the increased cost).

Higher chemical cost is due to the adoption of 5kg sodium fluoride bottles at Halifax, Macknade and Forrest Beach as part of value – engineering exercise during detailed engineering to reduce capital cost.

DSDIP - RTI Release

RTI Document No. 412

5. Closure

Please provide further details on the items listed below (you may use attachments):

5.1 Proof of performance testing criteria
14 days daily test. Refer to attached Daily Record Sheets.
Final fluoride level 0.7 ± 0.1 mg/L

5.2 Proof of performance testing results
Refer to Long Term Monitoring Data

5.3 Water analysis results
Refer to Laboratory Results

5.4 Please provide a list of outstanding business activities, risks and issues associated with the project.
None to report.

5.5 What closure activities still require completion?
Minor defects, Defect Liability Period ends on 8th July 2014

5.6 Please provide any 'lesson(s) learnt' which could assist future implementations (you may use attachments). This may include any experience you had with your contractors.
See attached.

Please circle an answer to each of the questions below, If the answer is 'to be completed' please insert the date for which it will be completed by.

5.7. Is hand over of the project deliverables and documentation
Completed / to be completed by _____

5.8 Termination of any supplier contracts:
Completed / to be completed by _____

5.9 Release resources
Completed / to be completed by 8 July 2014

5.10 Undertake closure communication (for example Queensland Health)
Completed / to be completed by 9 March 2014

DSDIP RTI Release

RTI Document No. 413

6. Photographs

Please provide electronic copies of photographs showing the following:

- the completed project
- photographs of the project during construction
- a photograph of the dosing meter showing the dosing level
- A copy of the 24 hour trend graph indicating WTP flow and fluoride levels.
-

7. Documentation

Please provide copies of the following documents:

- the Certificate(s) of Practical Completion issued by the superintendent(s) (See Attachment)
- the Certificates of Final Acceptance Tests – (Refer to HSC Long Term Operational Data)
- written evidence the fluoride facility has met the performance requirements of the Regulation for a period of not less than 14 consecutive operating days and continues to do so (Refer to HSC Long Term Operational Data)
- written evidence two (2) plant operators per fluoride facility have completed qualified training (See attached)
- written evidence the associated documentation (e.g. operation and maintenance manuals, as-constructed information) is complete in all respects (See attached)
- the certified contract payment schedules, the Certificate(s) of Practical Completion and the Certificates of Final Acceptance Tests (See attached)
- the final Budget and cost report (See attached)
- results of tests carried out in accordance with the Regulation demonstrating that the fluoride facility is meeting the requirements of the Regulation (See attached)
- the completed final subsidy post-commissioning checklist (See attached)
- a statement of compliance with the Regulation. (See attached)

DSDIP RTI Release

RTI Document No. 414

9. Sign Off

I certify that the information provided in this report is an accurate reflection of project activities.

Sch. 4(4)(6)

Signed

Colin Gray

Project Manager

Sch. 4(4)(6)

Signed

Leanne Mash

Chief Executive Officer

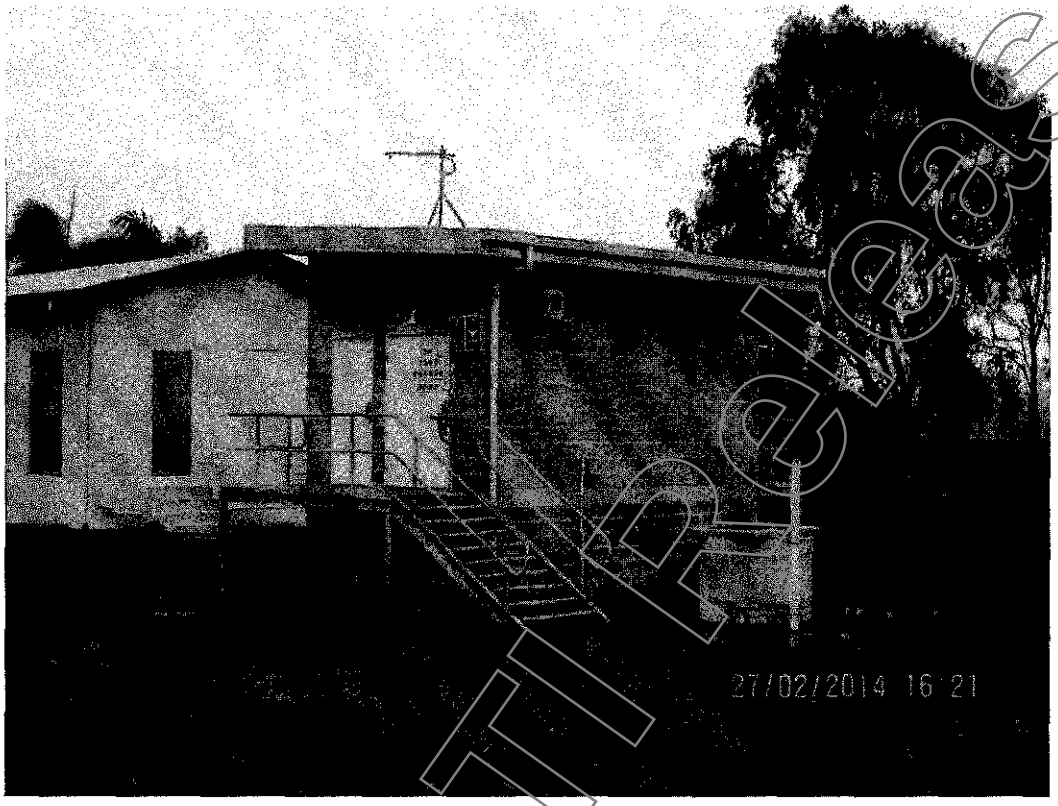
DSDIP - RTI Release

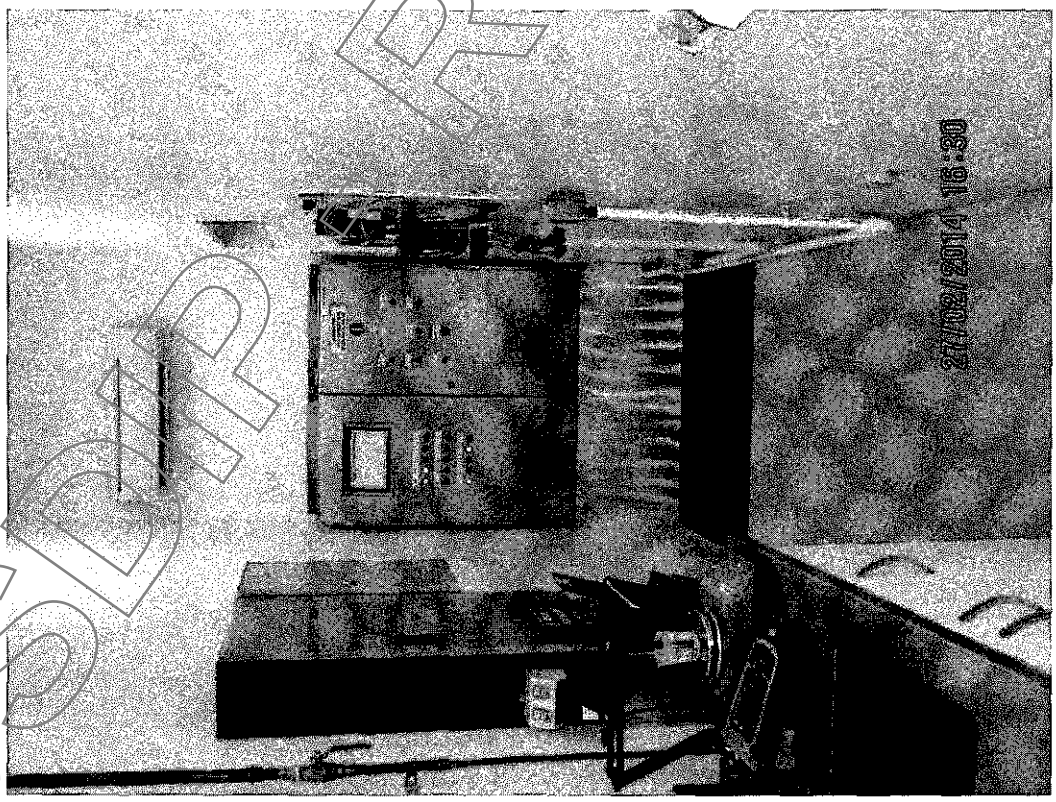
RTI Document No. 415

Fluoridation Close Out Report

Forrest Beach WTP

Fluoridation Plant Photos





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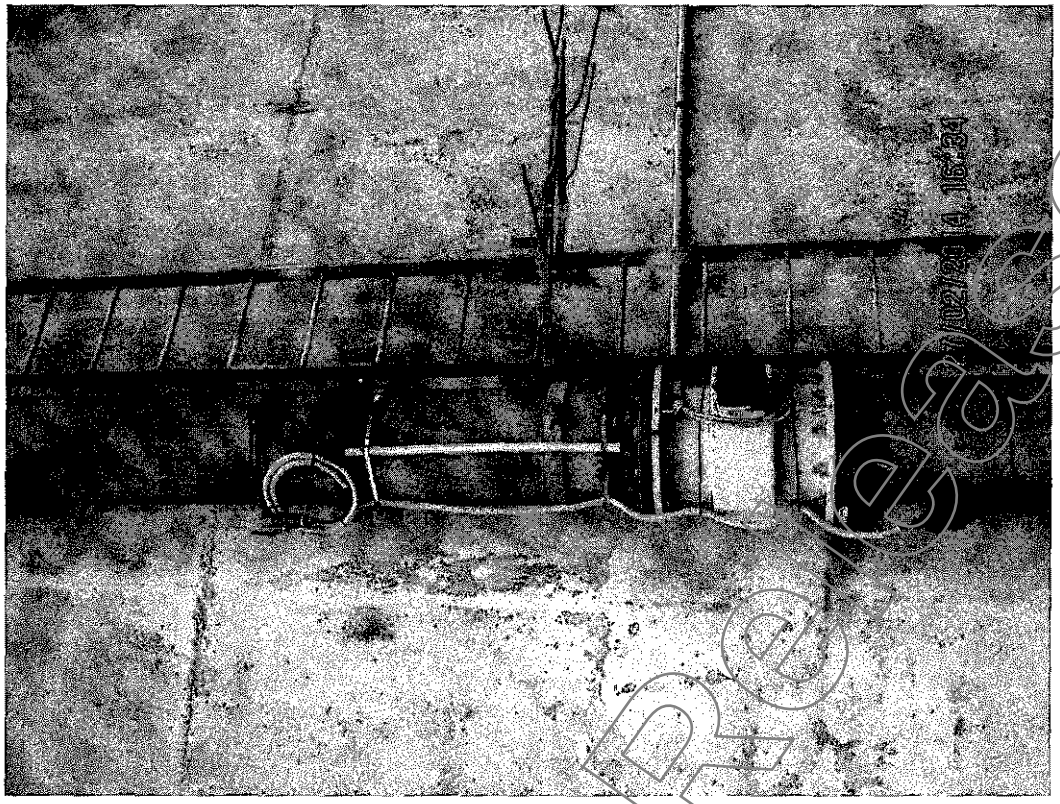

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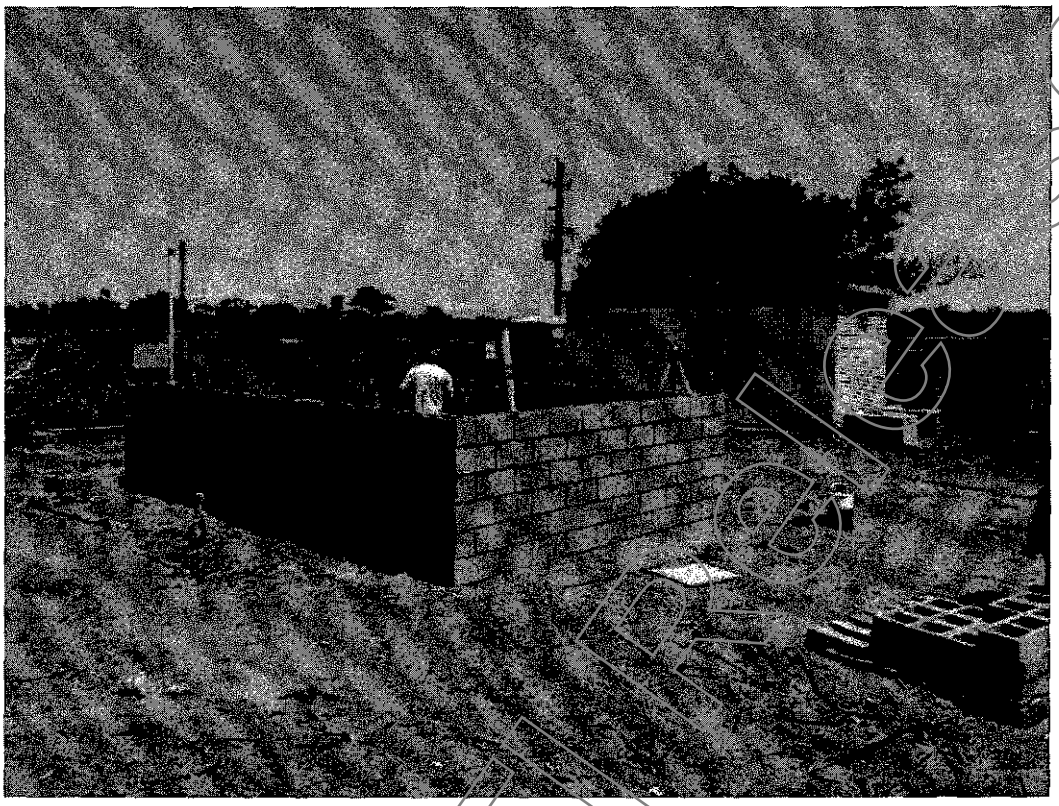
Fluoridation Close Out Report

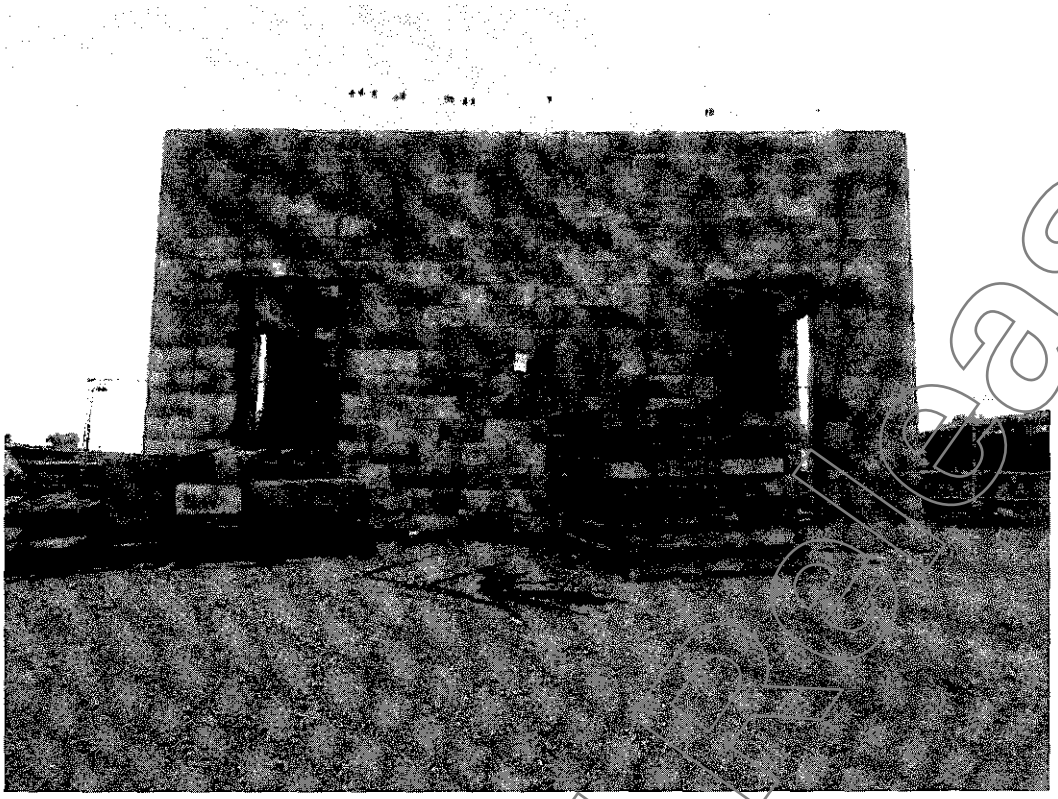
Fluoridation Plant Construction Photos



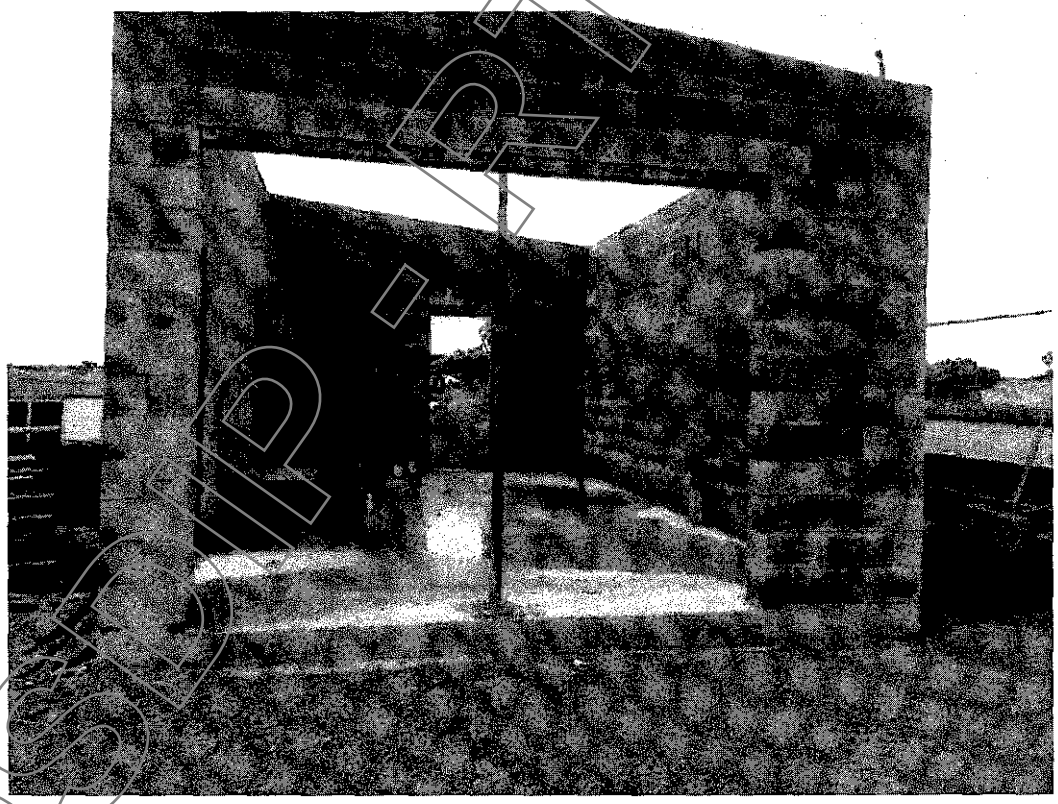
Forrest Beach Fluoridation Building

Ingham River PS Site

DSDMIP RTI Release



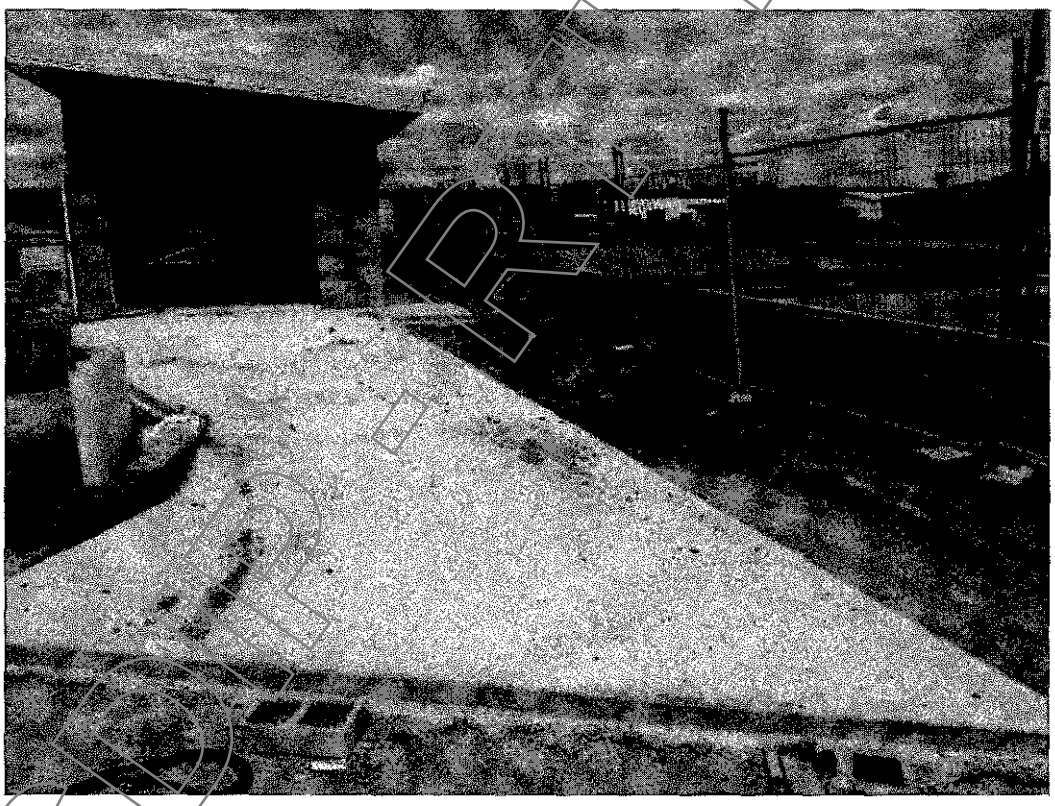
Ingham Depot Fluoridation Building



Ingham Fluoridation Building

DOH RTI Release

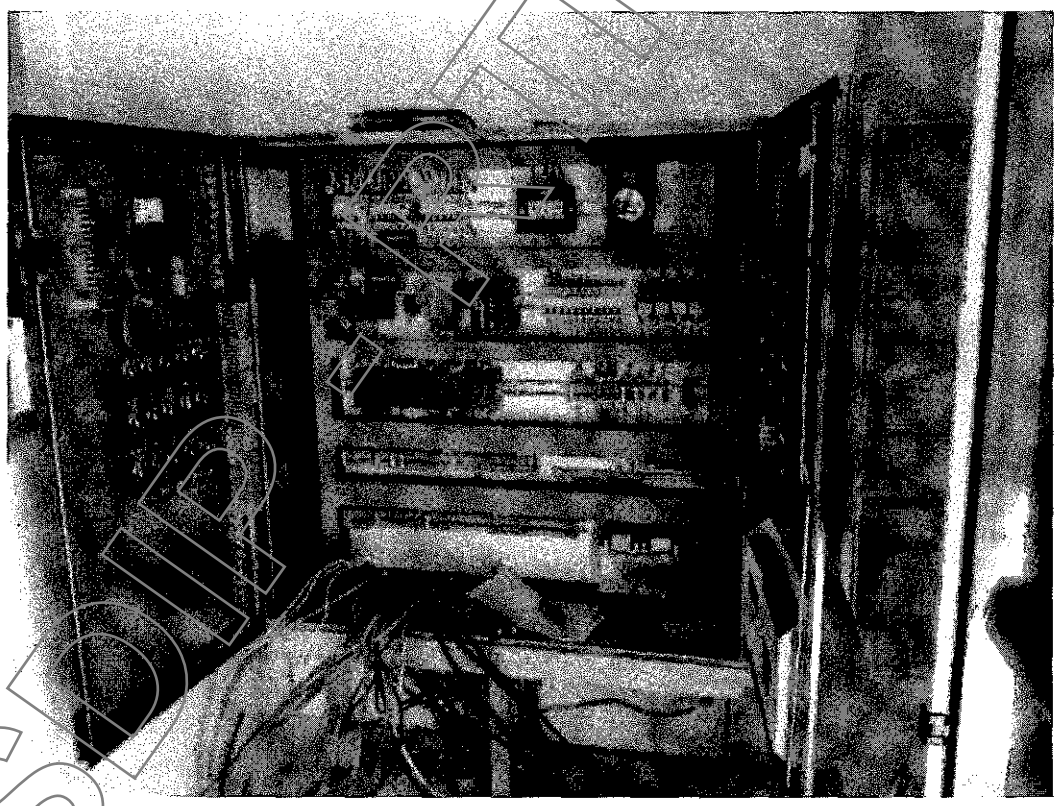
Ingham River PS (Close to completion)



Ingham Depot Fluoridation Building (Close to completion)

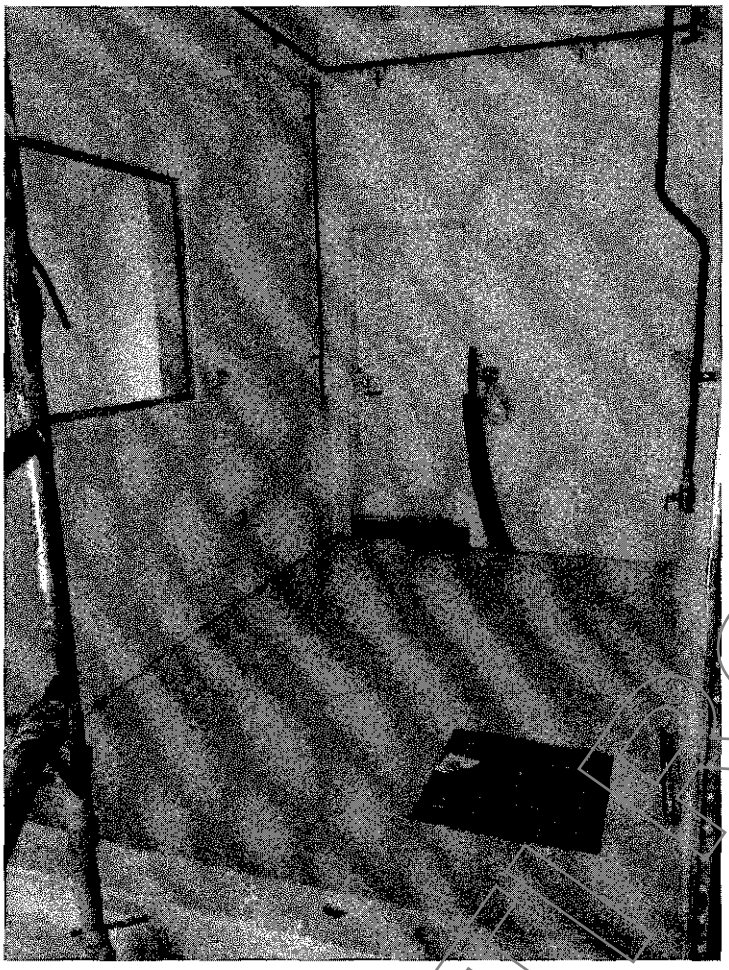
DSITIA RTI Release

F Dosing Panels delivered

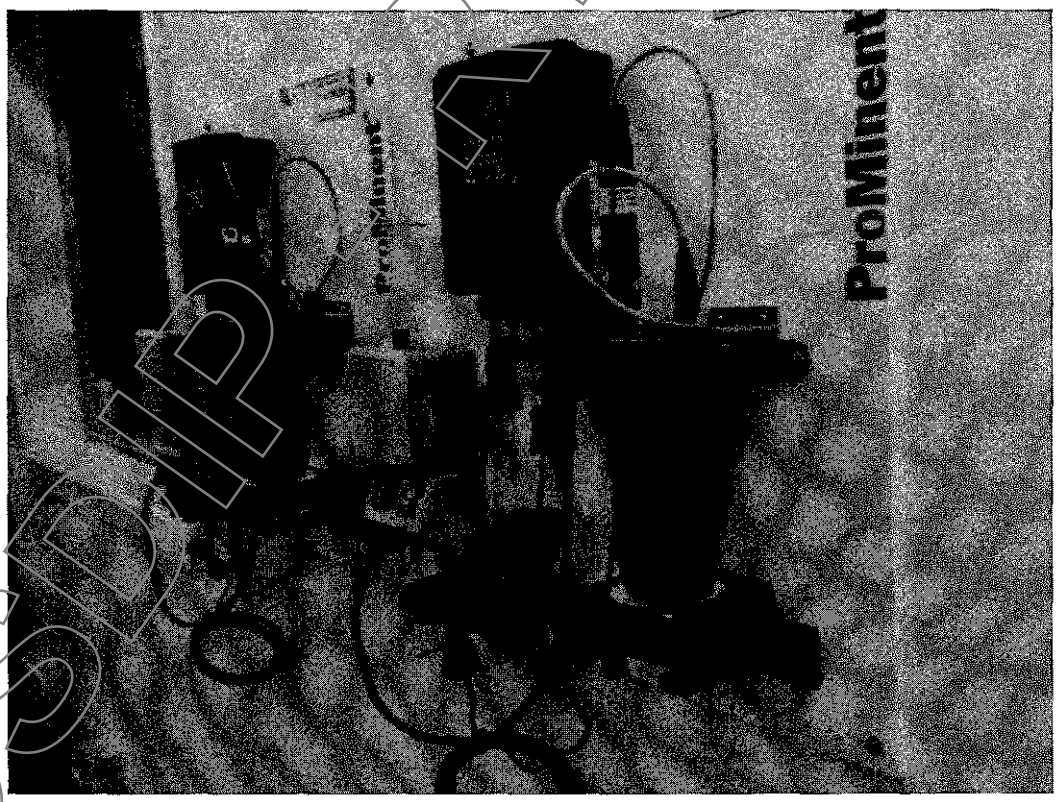


F Dosing Switchboard (wiring)

DSDIR RTI Release

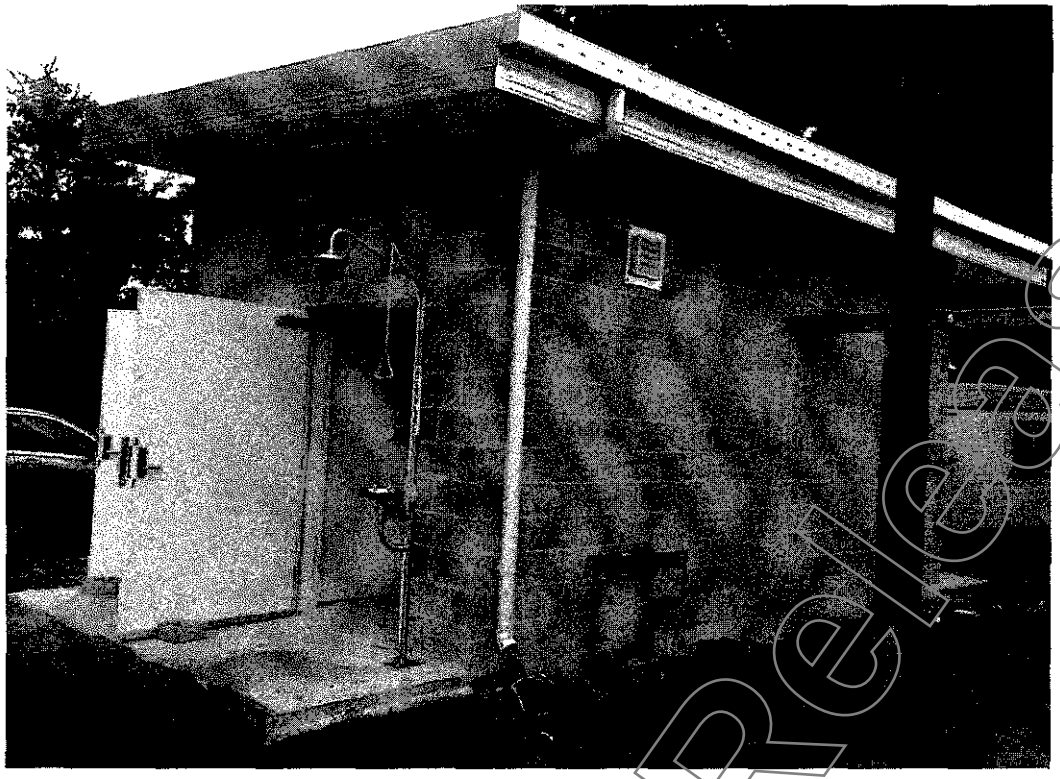


Fluoridation Room Internal prior to mechanical fit – out



Fluoride Analyser Panels (Macknade)

DSDIP RTI Release



Halifax Fluoridation Building (almost complete)

Injection Station Mixers for fluoridation addition

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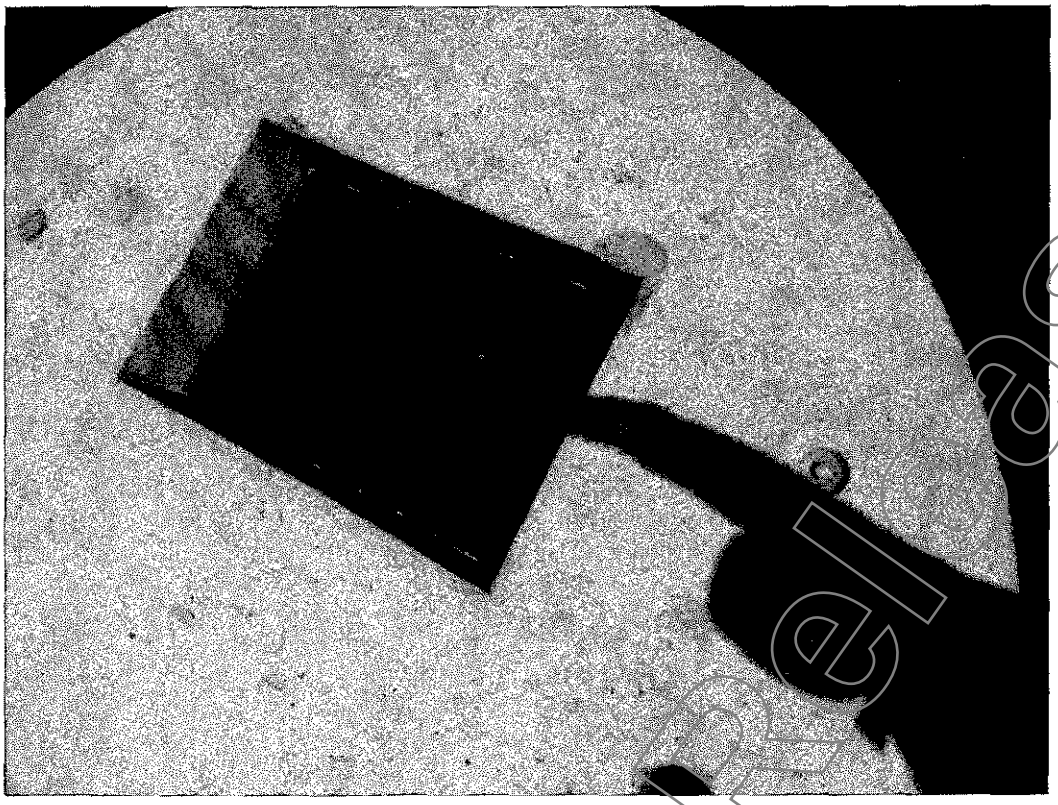

Waste Tank

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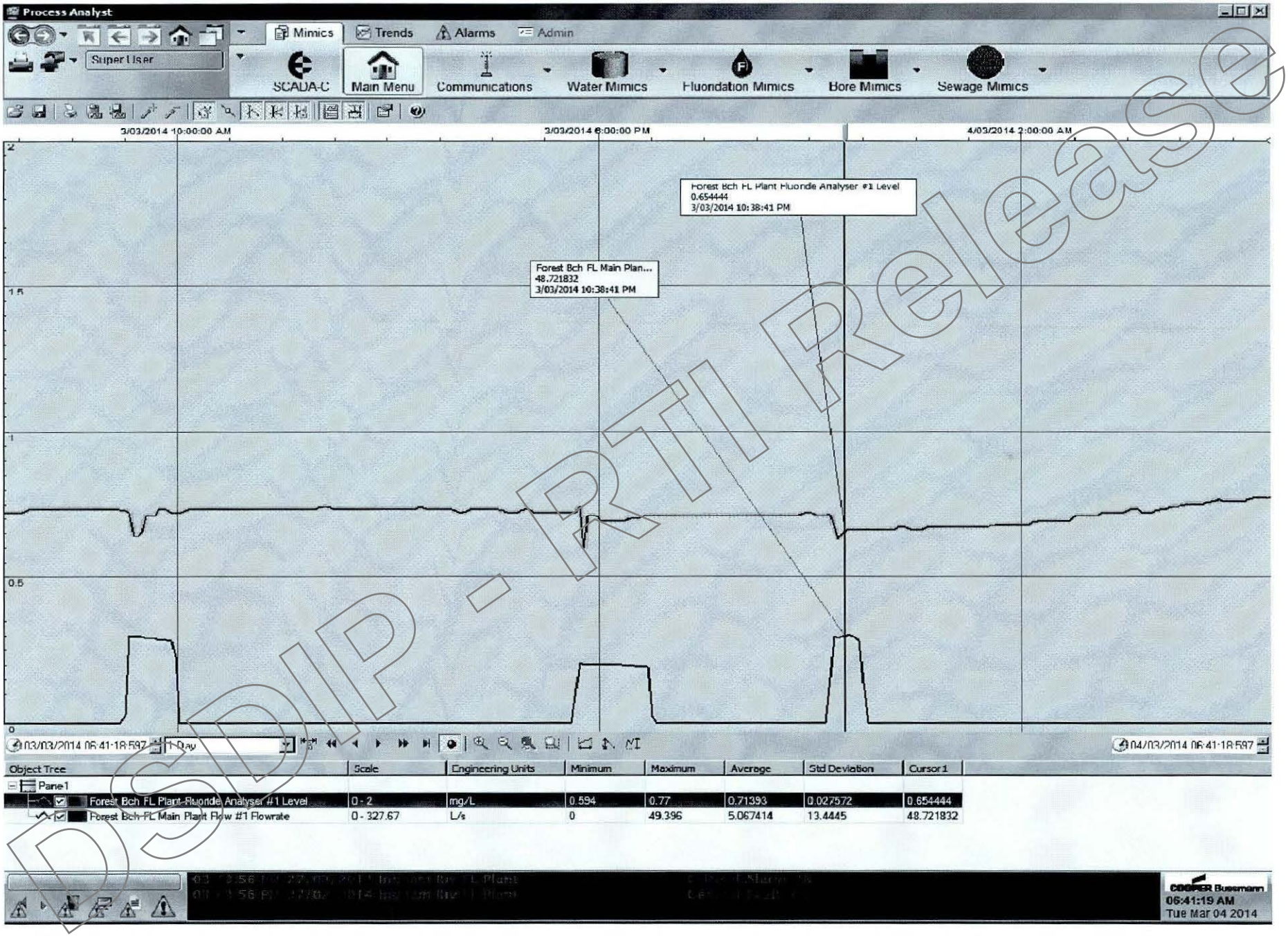
RTI Document No. 424



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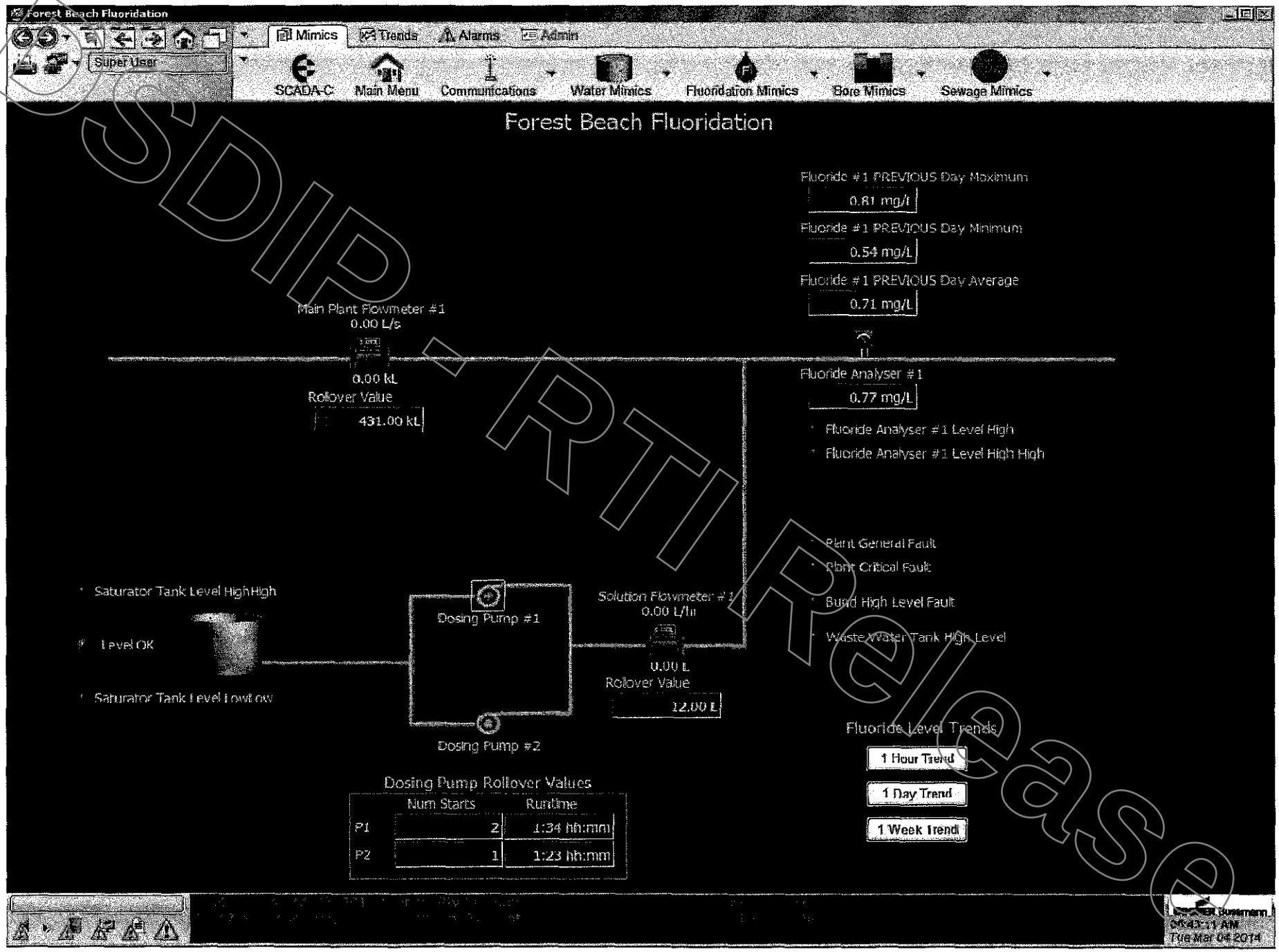

RTI Document No. 426

OSDIP - RTI Release

HARRISON GRIERSON

Certificate of Practical Completion
(AS2124-1992)

Date	8 July 2013
Date of Issue	12 July 2013
Principal	Hinchinbrook Shire Council PO Box 366 **Ingham, QLD 4850**
Contract Title	Hinchinbrook Shire Council Fluoridation Project
Contract Details	1014-130589-01
Contractor	Paynter Dixon Queensland Pty Ltd PO Box 2491 **Milton, QLD 4006**

This is to certify that in accordance with clause 42.5 and 42.6 of AS2124-1992, the above named Contract Works have been inspected and qualified for a Practical Completion certificate on 8 July 2013.

Defects Liability and maintenance obligations, as detailed in the Contract documentation and AS2124-1992, commenced on this date and continue until 8 July 2014.

This certificate is issued subject to minor omissions and/or minor defects as **listed below* being corrected/completed within the time set by the Superintendent and without prejudicing the Principal's/occupier's convenient use of the contract works.

This certificate is issued in accordance with Clause 42.5 and 42.6 of the conditions of contract.

**Minor omissions and/or defects to be corrected:*

1. Refer attached Defects List dated 8 July 2013 - Contract No. 1014-130589-01 HSC0101 - Hinchinbrook SC Fluoridation (4 Pages).

Harrison Grierson Consultants Pty Limited

Sch. 4(4)(6)

Colin Cranfield
Contract Superintendent

Distribution

☑ Principal ☑ Contractor ☑ Engineer

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RTI Document No. 427

HINCHINBROOK SHIRE COUNCIL

Water Fluoridation Regulation 2008 Recording Requirements (Section 10)

Form 4D (Saturator Feed) Daily Record Sheet for Week Ending: 31/01/2014

Column 5 = Column 2 x Column 3 x Column 4 x 10 x Available Fluoride

Calculated Fluoride Concentration = Column 5 / Column 1 / 1000 + Background Fluoride

Background Fluoride = 0.06 mg/L

Available Fluoride = 0.455

W-F0013

	Day	Date	Time	Column 1 Water Treated (ML)	Column 2 Amount of fluoride solution added to water (L)	Column 3 Solution fluoride strength (g/100mL)	Column 4 Chemical Purity %	Column 5 Amount of fluoride ion added to water (g)	Fluoride concentration in treated water (mg/L)			Online Analyser		Maximum Fluoride (mg/L)	Minimum Fluoride (mg/L)	Average Fluoride (mg/L)	Additional Records		Operator Signature
									Calculated	Benchtop Measured	Online Analyser Measured	Temp (°C)	mV				Retic Sample No. 1	Retic Sample No. 2	
SCADA	Sat	25/01/2014	6:00 AM	0.601	10	4	98.53%	179.324	0.358					0.61	0.07	0.45	SP___	SP___	MW
Manual			8.00	0.5238	11.06	4	98.53%	198.333	0.438	0.40	0.49	28.3	142.0						
SCADA	Sun	26/01/2014	6:00 AM	1.136	25	4	98.53%	448.311	0.454					0.61	0.36	0.49	SP___	SP___	MW
Manual			7.28	1.2565	26.86	4	98.53%	481.665	0.445	0.406	0.52	28.3	140.9						
SCADA	Mon	27/01/2014	6:00 AM	0.778	17	4	98.53%	304.851	0.451					0.65	0.34	0.51	SP___	SP___	MW
Manual			7.40	0.6394	13.79	4	98.53%	247.288	0.446	0.483	0.53	27.9	139.8						
SCADA	Tues	28/01/2014	6:00 AM	0.466	10	4	98.53%	179.32	0.444					0.64	0.42	0.52	SP___	SP___	DC
Manual			1.15	0.655	14.04	4	98.53%	251.77	0.444	0.484	0.53	28.8	140.6						
SCADA	Wed	29/01/2014	6:00 AM	0.578	12	4	98.53%	215.18	0.432					0.63	0.40	0.52	SP___	SP___	DC
Manual			10.15	0.495	10.44	4	98.53%	187.21	0.438	0.481	0.52	28.1	140.3						
SCADA	Thurs	30/01/2014	6:00 AM	543	11	4	98.53%	197.25	0.427					0.67	0.34	0.51	SP___	SP___	DC
Manual			10.30	0542	11.18	4	98.53%	200.48	0.429	0.482	0.57	28.6	138.3						
SCADA	Fri	31/01/2014	6:00 AM	0.405	8	4	98.53%	143.459	0.414					0.68	0	0.48	SP27	SP48	MW
Manual			11.15	0.40641	8.46	4	98.53%	151.708	0.433	0.435	0.50	26.4	140.5				0.423	0.427	

Water Supplier:	Hinchinbrook Shire Council SP62	**Name of Treatment Plant:**	Forrest Beach WTP
Fluoridation Chemical Used:	Sodium Fluoride (NaF)	**Name of Supplier:**	Orica Pty Ltd
Manager:	Water and Sewerage Manager	Implementation Date: 05/08/2013 Current Revision: C	

DEDIP RTI RELEASE

RTI Document No. 428

HINCHINBROOK SHIRE COUNCIL

Water Fluoridation Regulation 2008 Recording Requirements (Section 10)

Form 4D (Saturator Feed) Daily Record Sheet for Week Ending: 07/02/2014

Column 5 = Column 2 x Column 3 x Column 4 x 10 x Available Fluoride

Calculated Fluoride Concentration = Column 5 / Column 1 / 1000 + Background Fluoride

Background Fluoride = 0.06 mg/L

Available Fluoride = 0.455

W-F0013

	Day	Date	Time	Column 1 Water Treated (ML)	Column 2 Amount of fluoride solution added to water (L)	Column 3 Solution fluoride strength (g/100mL)	Column 4 Chemical Purity %	Column 5 Amount of fluoride ion added to water (g)	Fluoride concentration in treated water (mg/L)			Online Analyser		Maximum Fluoride (mg/L)	Minimum Fluoride (mg/L)	Average Fluoride (mg/L)	Additional Records		Operator Signature
									Calculated	Benchtop Measured	Online Analyser Measured	Temp (°C)	mV				Retic Sample No. 1	Retic Sample No. 2	
SCADA	Sat	01/02/2014	6:00 AM	0.287	6.0	4	98.53%	107.594	0.434					0.65	0.40	0.55	SP___	SP___	
Manual			720A	0.32206	6.95	4	98.53%	124.630	0.446	0.533	0.55	27.3	138.8						
SCADA	Sun	02/02/2014	6:00 AM	0.636	14.0	4	98.53%	251.054	0.454					0.64	0.41	0.51	SP___	SP___	
Manual			835A	0.49618	10.51	4	98.53%	188.470	0.439	0.482	0.52	27.8	140.5						
SCADA	Mon	03/02/2014	6:00 AM	0.360	8.	4	98.53%	143.45	0.458					063	042	0.52	SP___	SP___	
Manual			10:30	0473	10.07	4	98.53%	180.57	0.441	0.510	0.52	27.7	1407						DL
SCADA	Tues	04/02/2014	6:00 AM	0.542	11	4	98.53%	197.257	0.423					0.67	0.41	0.53	SP___	SP___	
Manual			13.57	0.53551	11.47	4	98.53%	205.685	0.444	0.481	0.51	28.5	141.7						
SCADA	Wed	05/02/2014	6:00 AM	0.326	7	4	98.53%	125.527	0.445					0.67	0.42	0.52	SP___	SP___	
Manual			14.05	0.37804	8.11	4	98.53%	145.432	0.444	0.527	0.55	27.9	139.0						
SCADA	Thurs	06/02/2014	6:00 AM	0.531	11	4	98.53%	197.257	0.431					066	039	0.52	SP___	SP___	
Manual			11:35	0.47443	10.16	4	98.53%	182.193	0.44	0.492	0.52	27.2	140.1						
SCADA	Fri	07/02/2014	6:00 AM	0.345	7	4	98.53%	125.527	0.423					0.67	0.43	0.56	SP 9	SP 20	
Manual			11:20	0.27989	6	4	98.53%	107.594	0.444	0.588	0.54	26.0	138.5				0.507	0.529	

Water Supplier:	Hinchinbrook Shire Council SP62	**Name of Treatment Plant:**	Forrest Beach WTP
Fluoridation Chemical Used:	Sodium Fluoride (NaF)	**Name of Supplier:**	Orica Pty Ltd

Manager: Water and Sewerage Manager

Implementation Date: 05/08/2013
Current Revision: C

DSDIP RTI Release

RTI Document No. 429

Simmonds & Bristow Pty Ltd

The Regional and Remote Water Specialist

Statement of Attainment

A Statement of Attainment is issued when an individual has completed one or more accredited units

This is a statement that

Paul Laurence Bourne

Student Number: **S01281**

Has attained

CODE	TITLE OF THE UNIT(S) OF COMPETENCY
NWP276A	Monitor, operate and report fluoridation processes

Dated 17th June 2013

Sch. 4(4)(6)

David Bristow *B.E.(Chem),MIEAUST,RPEQ,AFAIM*
Managing Director
Simmonds & Bristow Pty Ltd

Sch. 4(4)(6)

Michael Dobell-Brown
Trainer/Assessor
Simmonds & Bristow Pty Ltd

RTO Provider Number: 1735
Certificate No.: 00570

Nationally Recognised Training

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1800 620 690 | Fax: +61 7 3710 9199
info@simmondsbristow.com.au | www.simmondsbristow.com.au
ABN 33 010 252 418

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RTI Document No. 430

Simmonds & Bristow Pty Ltd

The Regional and Remote Water Specialist

Statement of Attainment

A Statement of Attainment is issued when an individual has completed one or more accredited units

This is a statement that

Peter Ronald Martin

Student Number: **S01282**

Has attained

CODE	TITLE OF THE UNIT(S) OF COMPETENCY
NWP276A	Monitor, operate and report fluoridation processes

Dated 17th June 2013

Sch. 4(4)(6)

David Bristow *B.E.(Chem),MIEAUST,RPEQ,AFAIM*
Managing Director
Simmonds & Bristow Pty Ltd

Sch. 4(4)(6)

Michael Dobell-Brown
Trainer/Assessor
Simmonds & Bristow Pty Ltd

RTO Provider Number: 1735
Certificate No.: 00572

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HINCHINBROOK SHIRE COUNIL

Water Fluoridation

Ingham Sites - Standard Operation Procedure

DSDIP - RTI Release

May 2013
HG Project No. 8010-800955-01
HG Document No. R005v1-BR800955-01

RTI Document No. 432

HARRISON GRIERSON CONSULTANTS LIMITED

Document Control Record

Client	HINCHINBROOK SHIRE COUNIL
Project	Water Fluoridation
HG Project No.	8010-800955-01
HG Document No.	R005v1-BR800955-01
Document	Ingham Sites - Standard Operation Procedure

ISSUE AND REVISION RECORD

Date of Issue	May 2013
Status	Rev 1 Draft – Commissioning Issue
Originator	..... Ian Ho - Senior Process Engineer/Associate
Reviewed	..... Nicola Smalberger – Process Engineer Peter Martin – Hinchinbrook SC W&S Manager
Approved for Issue	..... Colin Cranfield - Director

Office of Origin	Brisbane
Telephone	07 3003 1400
Facsimile	07 3003 1444
Email	brisbane@harrisongrierson.com

DSDIP - RTI Release

RTI Document No. 433

HINCHINBROOK SHIRE COUNIL

Water Fluoridation

Ingham Sites - Standard Operation Procedure

May 2013
HG Project No. 8010-800955-01
HG Document No. R005v1-BR800955-01

CONTENTS

		Page
1.0	**INTRODUCTION**	**1**
1.1	DOCUMENT LAYOUT	1
1.2	HEALTH AND SAFETY	2
1.3	RESPONSIBILITIES	3
2.0	**FLUORIDATION SYSTEM DESCRIPTION**	**4**
2.1	SODIUM FLUORIDE	4
2.2	SYSTEM SET-UP	5
2.3	FLUORIDATION PANEL – INDICATOR LIGHTS AND BUTTONS	7
2.4	FLUORIDATION PANEL – HMI DISPLAY	10
2.5	INGHAM DEPOT WTP FLUORIDE DOSING SETUP	10
2.6	INGHAM RIVER PS FLUORIDE DOSING SET-UP	10
2.7	TELEMETRY AND CRITICAL ALARMS	12
3.0	**OPERATING PROCEDURE**	**13**
3.1	DAILY TASK LIST	13
3.2	TWICE WEEKLY ROUTINE	14
3.3	WEEKLY ROUTINE	14
3.4	FORTNIGHTLY ROUTINE	14
3.5	MONTHLY ROUTINE	15
3.6	BIMONTHLY ROUTINE	15
3.7	INFREQUENT MAINTENANCE INSPECTION	16
4.0	**MONITORING PROCEDURE**	**17**
4.1	ONLINE FLUORIDE ANALYSER	17
4.2	DAILY QUALITY SAMPLE COLLECTION	18
4.3	RETICULATION SAMPLE COLLECTION	19
4.4	MONTHLY VERIFICATION SAMPLES	20
4.5	ADDITIONAL SAMPLES	20
4.6	ENTERING TEST RESULTS INTO LOGSHEET	20
5.0	**EMERGENCY RESPONSES**	**21**
5.1	CHEMICAL SPILLAGE	21
5.2	OVERDOSING	22
5.2.1	Online Fluoride Level Exceeds 0.9mg/L	23
5.2.2	Treated Water Sample Fluoride Level Exceeds 1.5mg/L	24

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RTI Document No. 434

5.2.3 Treated Water Sample Fluoride Level Exceeds 0.9mg/L 25
5.2.4 Reticulation Sample Fluoride Level Exceeds 0.9mg/L 25
5.2.5 External Fluoride Test Results Exceeding 0.9mg/L 26
5.3 FLUORIDE TEST RESULTS INCONSISTENCY 26
5.4 POWER OUTAGE 27
6.0 RECORD KEEPING AND REPORTING 27
6.1 RECORD KEEPING AND AUDITING 27
6.2 NON-OPERATIONAL REPORT 27
6.3 QUARTERLY REPORT 27
7.0 LIMITATIONS 28
7.1 GENERAL 28
7.2 REVISION CONTROL 28

APPENDICES

Appendix 1 Sodium Fluoride Chemical Safety Data Sheet
Appendix 2 Fluoridation Panel HMI Display Explanation
Appendix 3 Fluoridation System Logsheet (prepared by HSC)
Appendix 4 Emergency Response Flowchart
Appendix 5 Benchtop Fluoride Analyser Calibration Steps
Appendix 6 Online Fluoride Analyser Calibration Steps from Prominent Manual
Appendix 7 Siemens As-constructed Functional Description
Appendix 8 Fluoridation Code of Practice Form 2 (Non-operational)
Appendix 9 Fluoridation Code of Practice Form 2 (Quarterly Report)

DRAWINGS

Refer to separate volume of "As-Constructed" Drawing Set.

DSDIP Draft Release

RTI Document No. 435

HINCHINBROOK SHIRE COUNIL

Water Fluoridation

Halifax, Macknade and Forrest Beach WTPs - Standard Operation Procedure

May 2013
HG Project No. 8010-800955-01
HG Document No. R005v1-BR800955-01

DSDIP - RTI Release

RTI Document No. 436

HARRISON GRIERSON CONSULTANTS LIMITED

Document Control Record

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Document	Halifax, Macknade and Forrest Beach - Standard Operation Procedure

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Status	Rev 1 Draft – Commissioning Issue
Originator	Ian Ho - Senior Process Engineer/Associate
Reviewed	Nicola Smalberger – Process Engineer Peter Martin – Hinchinbrook SC W&S Manager
Approved for Issue	Colin Cranfield - Director
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DSDIP - RTI Release

RTI Document No. 437

HINCHINBROOK SHIRE COUNIL

Water Fluoridation

Halifax, Macknade and Forrest Beach - Standard Operation Procedure

May 2013
HG Project No. 8010-800955-01
HG Document No. R005v1-BR800955-01

CONTENTS

		Page
1.0	**INTRODUCTION**	**1**
1.1	DOCUMENT LAYOUT	1
1.2	HEALTH AND SAFETY	2
1.3	RESPONSIBILITIES	3
2.0	**FLUORIDATION SYSTEM DESCRIPTION**	**4**
2.1	SODIUM FLUORIDE	4
2.2	SYSTEM SET-UP	5
2.3	FLUORIDATION PANEL – INDICATOR LIGHTS AND BUTTONS	7
2.4	FLUORIDATION PANEL – HMI DISPLAY	9
2.5	INGHAM DEPOT WTP FLUORIDE DOSING SETUP	9
2.6	INGHAM RIVER PS FLUORIDE DOSING SET-UP	10
2.7	TELEMETRY AND CRITICAL ALARMS	15
3.0	**OPERATING PROCEDURE**	**16**
3.1	DAILY TASK LIST	16
3.2	TWICE WEEKLY ROUTINE	17
3.3	WEEKLY ROUTINE	17
3.4	FORTNIGHTLY ROUTINE	17
3.5	MONTHLY ROUTINE	18
3.6	BIMONTHLY ROUTINE	18
3.7	INFREQUENT MAINTENANCE INSPECTION	18
4.0	**MONITORING PROCEDURE**	**20**
4.1	ONLINE FLUORIDE ANALYSER	20
4.2	DAILY QUALITY SAMPLE COLLECTION	21
4.3	RETICULATION SAMPLE COLLECTION	22
4.4	MONTHLY VERIFICATION SAMPLES	23
4.5	ADDITIONAL SAMPLES	23
4.6	ENTERING TEST RESULTS INTO LOGSHEET	23
5.0	**EMERGENCY RESPONSES**	**24**
5.1	CHEMICAL SPILLAGE	24
5.2	OVERDOSING	25
5.2.1	Online Fluoride Level Exceeds 0.9mg/L	26

DSDIP Draft Release

RTI Document No. 438

5.2.2 Treated Water Sample Fluoride Level Exceeds 1.5mg/L 27
5.2.3 Treated Water Sample Fluoride Level Exceeds 0.9mg/L 28
5.2.4 Reticulation Sample Fluoride Level Exceeds 0.9mg/L 28
5.2.5 External Fluoride Test Results Exceeding 0.9mg/L 29
5.3 FLUORIDE TEST RESULTS INCONSISTENCY 29
5.4 POWER OUTAGE 30
6.0 RECORD KEEPING AND REPORTING 30
6.1 RECORD KEEPING AND AUDITING 30
6.2 NON-OPERATIONAL REPORT 30
6.3 QUARTERLY REPORT 30
7.0 LIMITATIONS 31
7.1 GENERAL 31
7.2 REVISION CONTROL 31

APPENDICES

Appendix 1 Sodium Fluoride Chemical Safety Data Sheet
Appendix 2 Fluoridation Panel HMI Display Explanation (Awaiting Siemens)
Appendix 3 Fluoridation System Logsheet (prepared by HSC)
Appendix 4 Emergency Response Flowchart
Appendix 5 Benchtop Fluoride Analyser Calibration Steps
Appendix 6 Online Fluoride Analyser Calibration Steps from Prominent Manual
Appendix 7 Siemens As-constructed Functional Description
Appendix 8 Fluoridation Code of Practice Form 2 (Non-operational)
Appendix 9 Fluoridation Code of Practice Form 2 (Quarterly Report)

DRAWINGS

Refer to separate volume of "As-Constructed" Drawing Set.

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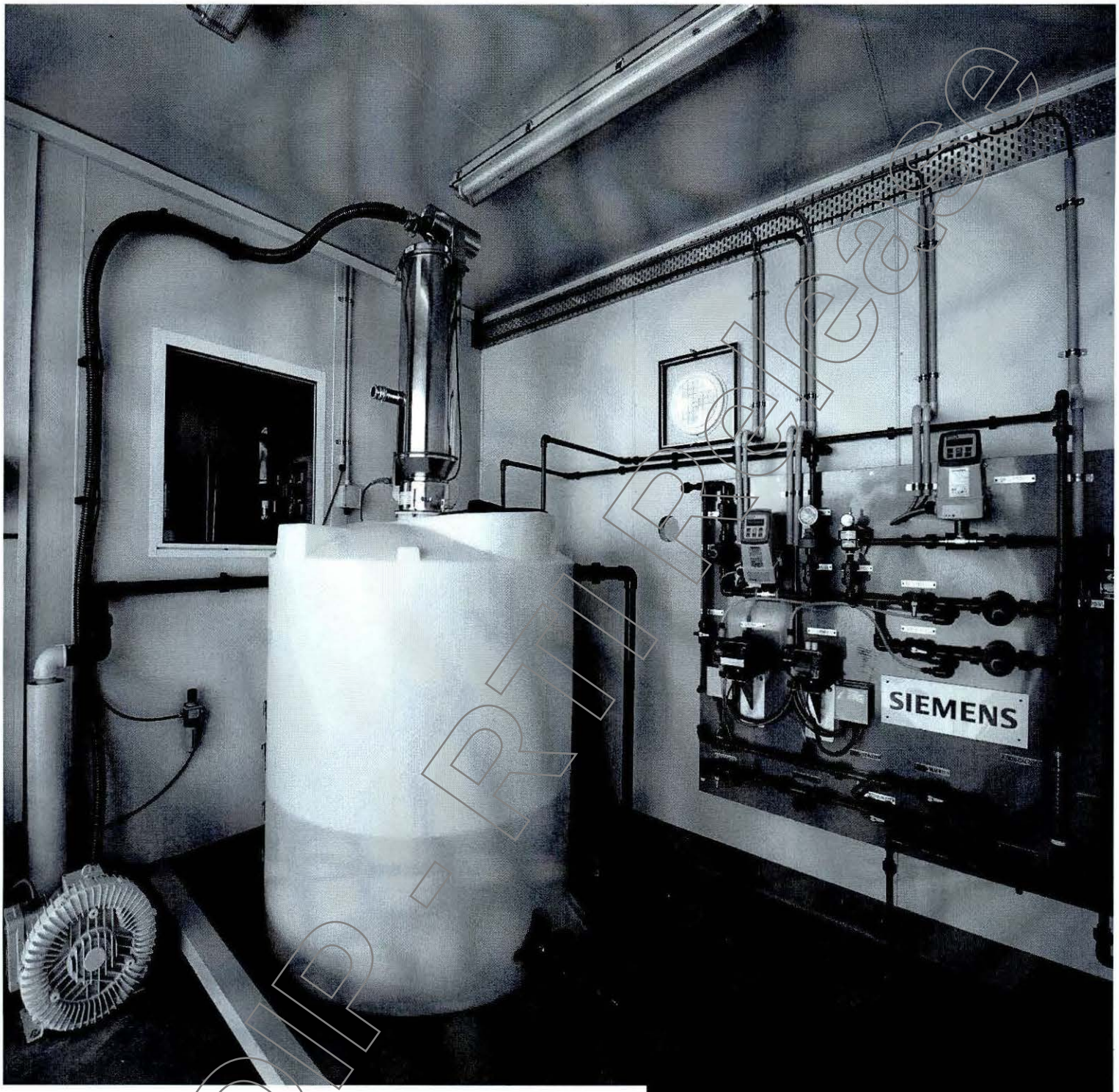
www.siemens.com



Sodium Fluoride Dosing System:

Sodium Fluoride Saturator & Dosing Skid System for Hinchinbrook Shire Council

Operation and Maintenance Manual
Ref: 15012-OM-001

SIEMENS

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[redacted]

SIEMENS

Hinchinbrook
Fluoridation Project

Sodium Fluoride Saturator & Dosing Skid System Operation and Maintenance Manual

Revision 0

Supplied to:
Hinchinbrook Shire Council

Congratulations on your selection of this Siemens Water Technologies product. In choosing Siemens Water Technologies, you have selected components and systems that are engineered to give you superior dependability and performance, combining advanced technology, functional design and high quality craftsmanship.

Our commitment to quality is equalled only by our commitment to customer

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Customer Service Contact Information

For customer service, please record your equipment and serial number details and direct your enquiry to:

Siemens Ltd, Water Technologies
ABN 98 004 347 880

160 Herring Road
Macquarie Park
NSW, 2113
Australia

Phone: +61 (02) 9491 5425
Fax: +61 (02) 9491 5144

Document Revision Status

Document Name	Issue	Date of Issue	Prepared	Checked
Operation Manual	0	10th January 2013	Takuma Abe	Edina Aganovic

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Warnings

Use of the supplied equipment must be strictly in accordance with this manual. Users are especially alerted to any safety requirements herein.

Warning

Warnings related to safety hazards are placed in boxes like this.

Hazard

Bio-hazard warnings are placed in boxes like this.

Stop

Very important safety warnings are placed in boxes like this. Serious injury or death, or damage to equipment will occur if this note is not headed.

Note

Other important information are highlighted in boxes like this.

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Table of Contents

1.0 INTRODUCTION 1
1.1 PRE-AMBLE 1
1.2 PURPOSE AND LIMITATIONS OF THE MANUAL 1
2.0 CHEMICAL DOSING– PLANT SAFETY 2
2.1 INTRODUCTION 2
2.2 SAFETY HAZARDS 2
2.3 CHEMICALS 2
2.3.1 Safety Showers 3
2.3.2 Safety Precautions 3
2.3.3 Spillage 3
2.4 EQUIPMENT 4
2.5 ELECTRICAL EQUIPMENT 4
2.5.1 Precautions 4
2.5.2 Work on or near Installations 5
2.6 FIRE HAZARDS 5
2.7 SAFETY EQUIPMENT 6
2.7.1 First Aid Material 6
2.7.2 Protective Safety Equipment 6
2.8 HOUSE KEEPING 6
3.0 CHEMICAL PREPARATION & DOSING SYSTEMS 8
3.1 SODIUM FLUORIDE: SPECIFIC DETAILS 8
3.1.1 Dosing process 8
3.1.2 Chemical Supply 8
3.1.3 System Performance 8
3.1.4 Drawings 8
4.0 EQUIPMENT 9
4.1 RPZ & SERVICE WATER MAKE-UP BOARD 9
4.2 VACUUM BAG UNLOADER (INGHAM RIVER AND RIVER DEPOT SITES ONLY) 9
4.3 SATURATOR TANK 9
4.3.1 Ingham River and River Depot Site 9
4.3.2 Halifax, Forrest Beach, & Macknade WWTP 10
4.4 CONTAINMENT TANK (WATER TRAP) INGHAM RIVER AND RIVER DEPOT WWTP 10
4.5 DOSING PANEL 10
4.5.1 Skid Frame 10
4.5.2 Suction Pipework 10
4.5.3 Discharge Pipework 11
4.5.4 Metering Pumps 11
4.5.5 Safety Relief Valve 11
4.5.6 Pulsation Dampener 12
4.5.7 Pressure Indicator and gauge guard 12
4.5.8 Back Pressure Valve 12
4.5.9 Flowmeter 12
4.5.10 Fluoride Analyser 12
5.0 INSTALLATION, TESTING AND COMMISSIONING 13
5.1 GENERAL INSTALLATION 13
5.2 INSTALLATION OF NEW EQUIPMENT 13

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5.3 TESTING REQUIREMENTS 14
5.4 CHEMICAL DOSAGE 14
5.5 TESTING AND PRE-COMMISSIONING 16
5.5.1 Dosing Pump Test – Pre-commissioning 16

6.0 OPERATING INSTRUCTIONS 18

6.1 CHECKS BEFORE STARTING 18
6.2 STARTING 18
6.3 CONTINUOUS OPERATION 18
6.3.1 Regular Dosing 18
6.3.2 Calibration drop tests 19
6.3.3 Flushing 19
6.3.4 Duty/Standby change-over 19
6.4 STOPPING 19

7.0 MAINTENANCE 20

7.1 TANK CLEANING 20
7.2 ROUTINE MAINTENANCE 20
7.3 REPAIR AND OVERHAULING 22
7.4 TROUBLESHOOTING 22
7.5 RECOMMENDED SPARES LIST 23

8.0 DRAWINGS AND EQUIPMENT DOCUMENTATION 24

9.0 VENDOR MANUALS, ITP'S AND EQUIPMENT DATA - CONTENTS 26

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HINCHINBROOK SHIRE COUNCIL

Macknade WTP Fluoridation Facilities

Operations and Maintenance Manual

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SWITCHBOARDS
electrical switchboard design, manufacture & installation

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RTI Document No. 446

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DSDIP - RTI Release

RTI Document No. 447

CONTENTS

Fluoride Plant

1.0 System Description ..... 2 Page

2.0 Equipment Schedules
2.1 Equipment Schedule ..... 2 Pages
2.2 Suppliers ..... 1 Pages

3.0 Equipment Supplied by JM Switchboards
3.1 Circuit Breakers ..... 21 Pages
3.2 Surge Diverter ..... 1 Page
3.3 Contactor, Selector Switches and Emergency Lighting Test Unit. ..... 11 Pages
3.4 Power and Light fittings ..... 9 Pages
3.5 Exhaust Fan, Vent & Cover ..... 2 Pages
3.6 Level Floats & Flow Switch ..... 27 Pages
3.7 Distribution Board & Enclosures ..... 4 Pages
3.8 JMS Drawings ..... 4 Pages
3.9 Test Certificates ..... 11 Pages

4.0 Flowmeters ..... 101 Pages

5.0 Security System ..... 63 Pages

6.0 Airconditioners ..... 41 Pages

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RTI Document No. 448

HINCHINBROOK SHIRE COUNCIL

Ingham River Fluoridation Facilities

Operations and Maintenance Manual

DSDIP - RTI Release

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CONTENTS

Fluoride Plant

1.0 System Description ..... 2 Page

2.0 Equipment Schedules

2.1 Equipment Schedule ..... 2 Pages
2.2 Suppliers ..... 1 Pages

3.0 Equipment Supplied by JM Switchboards

3.1 Circuit Breakers ..... 21 Pages
3.2 Surge Diverter ..... 1 Page
3.3 Contactor, Selector Switches and Emergency Lighting Test Unit. ..... 11 Pages
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4.0 Flowmeters ..... 101 Pages

5.0 Security System ..... 63 Pages

6.0 Airconditioners ..... 41 Pages

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RTI Document No. 451

HINCHINBROOK SHIRE COUNCIL

Ingham Depot Fluoridation Facilities

Operations and Maintenance Manual

DSDIP - RTI Release

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CONTENTS

Fluoride Plant

1.0 System Description ..... 2 Page

2.0 Equipment Schedules
2.1 Equipment Schedule ..... 2 Pages
2.2 Suppliers ..... 1 Pages

3.0 Equipment Supplied by JM Switchboards
3.1 Circuit Breakers ..... 21 Pages
3.2 Surge Diverter ..... 1 Page
3.3 Contactor, Selector Switches and Emergency Lighting Test Unit. ..... 11 Pages
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3.6 Level Floats & Flow Switch ..... 27 Pages
3.7 Distribution Board & Enclosures ..... 4 Pages
3.8 JMS Drawings ..... 4 Pages
3.9 Test Certificates ..... 11 Pages

4.0 Flowmeters ..... 101 Pages

5.0 Security System ..... 63 Pages

6.0 Airconditioners ..... 41 Pages

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RTI Document No. 454

HINCHINBROOK SHIRE COUNCIL

Halifax WTP Fluoridation Facilities

Operations and Maintenance Manual

DSDIP - RTI Release

SWITCHBOARDS
electrical switchboard design, manufacture & installation

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CONTENTS

Fluoride Plant

1.0 System Description ..... 2 Page

2.0 Equipment Schedules
2.1 Equipment Schedule ..... 2 Pages
2.2 Suppliers ..... 1 Pages

3.0 Equipment Supplied by JM Switchboards
3.1 Circuit Breakers ..... 21 Pages
3.2 Surge Diverter ..... 1 Page
3.3 Contactor, Selector Switches and Emergency Lighting Test Unit. ..... 11 Pages
3.4 Power and Light fittings ..... 9 Pages
3.5 Exhaust Fan, Vent & Cover ..... 2 Pages
3.6 Level Floats & Flow Switch ..... 27 Pages
3.7 Distribution Board & Enclosures ..... 4 Pages
3.8 JMS Drawings ..... 4 Pages
3.9 Test Certificates ..... 11 Pages

4.0 Flowmeters ..... 101 Pages

5.0 Security System ..... 63 Pages

6.0 Airconditioners ..... 41 Pages

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RTI Document No. 457

HINCHINBROOK SHIRE COUNCIL

Forest Beach WTP Fluoridation Facilities

Operations and Maintenance Manual

DSDIP - RTI Release

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electrical switchboard design, manufacture & installation

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DSDIP - RTI Release

RTI Document No. 459

CONTENTS

Fluoride Plant

1.0 System Description ..... 2 Page

2.0 Equipment Schedules
2.1 Equipment Schedule ..... 2 Pages
2.2 Suppliers ..... 1 Pages

3.0 Equipment Supplied by JM Switchboards
3.1 Circuit Breakers ..... 21 Pages
3.2 Surge Diverter ..... 1 Page
3.3 Contactor, Selector Switches and Emergency Lighting Test Unit. ..... 11 Pages
3.4 Power and Light fittings ..... 9 Pages
3.5 Exhaust Fan, Vent & Cover ..... 2 Pages
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3.8 JMS Drawings ..... 4 Pages
3.9 Test Certificates ..... 11 Pages

4.0 Flowmeters ..... 101 Pages

5.0 Security System ..... 63 Pages

6.0 Airconditioners ..... 41 Pages

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RTI Document No. 460

PAYNTER DIXON
BUILDING YOUR BUSINESS

Ref: HSC0101
Enq: MC
Ph: 0409 620 342

CERTIFICATE OF CONFORMANCE
HINCHINBROOK FLUORIDATION PLANTS

With reference to the above project, we confirm the following:

1. The project has been installed in accordance with the construction documentation and specification, with changes noted in marked drawings and the as-constructed documentation
2. All inspections and tests have been completed in accordance with the submitted Quality Plan and Commissioning Plan
3. The installation complies with all relevant Australian Standards

Sch. 4(4)(6)

Matt Cassidy – Project Manager
For and on behalf of
PAYNTER DIXON QUEENSLAND PTY LTD

DSDIP - RTI Release

RTI Document No. 461

PAYNTER DIXON QUEENSLAND PTY LTD
ABN : 32 060 951 162

PAYNTER DIXON
BUILDING YOUR BUSINESS

CLIENT: Hinchinbrook Shire Council
25 Lannercost Street, Ingham, Q4850

DATE: 08-July-2013

PROJECT: Fluoridation Plants - HSC0101

CLAIM No: 9 - Works completed to 30 June, 2013

DISCIPLINE	Original	Previous % Completed	% Completed	Value Completed
1.1 PRELIMINARIES				
2.1.1.1 Preliminaries	337,690	100%	100%	337,690
2.1.1.2 Supervision and Labour	386,171	100%	100%	386,171
Sub Total Preliminaries:	***723,861***			***723,861***
1.2 INGHAM DEPOT TREATMENT PLANT				
2.1.2.1 - Site Works	10,192	100%	100%	10,192
2.1.2.2 - Earthworks	28,191	100%	100%	28,191
2.1.2.3 - Access Work	16,660	100%	100%	16,660
2.1.2.4 - Restoration	5,593	100%	100%	5,593
2.1.2.5 - Fluoridation Building	148,522	100%	100%	148,522
2.1.2.6 - Pipework	40,165	100%	100%	40,165
2.1.2.7 - Miscellaneous	6,987	100%	100%	6,987
Sub Total Trades - Ingham Depot Treatment Plant:	***256,310***			***256,310***
1.3 INGHAM RIVER PUMP STATION TREATMENT PLANT				
2.1.3.1 - Site Works	10,558	100%	100%	10,558
2.1.3.2 - Earthworks	10,814	100%	100%	10,814
2.1.3.3 - Roadworks	14,526	100%	100%	14,526
2.1.3.4 - Restoration	5,593	100%	100%	5,593
2.1.3.5 - Fluoridation Building	147,236	100%	100%	147,236
2.1.3.6 - Pipework	76,055	100%	100%	76,055
2.1.3.7 - Miscellaneous	25,693	100%	100%	25,693
Sub Total Trades - Ingham River PS Treatment Plant:	***290,475***			***290,475***
1.4 HALIFAX TREATMENT PLANT				
2.1.4.1 - Site Works	11,375	100%	100%	11,375
2.1.4.2 - Earthworks	8,540	100%	100%	8,540
2.1.4.3 - Restoration	5,593	100%	100%	5,593
2.1.4.4 - Fluoridation Building	120,318	100%	100%	120,318
2.1.4.5 - Pipework	21,643	100%	100%	21,643
2.1.4.6 - Miscellaneous	7,089	100%	100%	7,089
Sub Total Trades - Halifax Treatment Plant:	***174,558***			***174,558***
1.5 MACKNADE TREATMENT PLANT				
2.1.5.1 - Site Works	10,192	100%	100%	10,192
2.1.5.2 - Earthworks	8,540	100%	100%	8,540
2.1.5.3 - Restoration	5,593	50%	100%	5,593
2.1.5.4 - Fluoridation Building	120,329	100%	100%	120,329
2.1.5.5 - Pipework	28,957	100%	100%	28,957
2.1.5.6 - Miscellaneous	3,490	100%	100%	3,490
Sub Total Trades - Macknade Treatment Plant:	***177,101***			***177,101***
1.6 FORREST BEACH TREATMENT PLANT				
2.1.6.1 - Site Works	11,763	100%	100%	11,763
2.1.6.2 - Earthworks	11,666	100%	100%	11,666
2.1.6.3 - Restoration	5,593	100%	100%	5,593
2.1.6.4 - Fluoridation Building	156,576	100%	100%	156,576
2.1.6.5 - Pipework	57,120	100%	100%	57,120
2.1.6.6 - Miscellaneous	3,490	100%	100%	3,490
Sub Total Trades - Forrest Beach Treatment Plant:	***246,208***			***246,208***

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RTI Document No. 462

PAYNTER DIXON QUEENSLAND PTY LTD
ABN : 32 060 951 162

PAYNTER DIXON
BUILDING YOUR BUSINESS

CLIENT: Hinchinbrook Shire Council
25 Lannercost Street, Ingham, Q4850

DATE: 08-July-2013

PROJECT: Fluoridation Plants - HSC0101

CLAIM No: 9 - Works completed to 30 June, 2013

DISCIPLINE	Original	Previous % Completed	% Completed	Value Completed
1.7 FLUORIDATION SYSTEMS - INGHAM DEPOT & RIVER PS				
2.1.7.1 - Fluoridation System	248,221	100%	100%	248,221
2.1.7.2 - Pipe Connections	4,746	100%	100%	4,746
2.1.7.3 - Commissioning	43,962	85%	100%	43,962
2.1.7.4 - Miscellaneous	15,503	100%	100%	15,503
2.1.7.5 - Credit for Siemens Switchboards	-15,048	100%	100%	- 15,048
Sub Total Trades - Fluoridation Systems (25kg):	***297,384***			***297,384***
1.8 FLUORIDATION SYSTEMS - HALIFAX, MACKNADE & FORREST BEACH				
2.1.8.1 - Fluoridation System	404,974	100%	100%	404,974
2.1.8.2 - Pipe Connections	4,746	100%	100%	4,746
2.1.8.3 - Commissioning	57,599	83%	100%	57,599
2.1.8.4 - Miscellaneous	0	100%	100%	-
2.1.8.5 - Credit for Siemens Switchboards	-22,952	100%	100%	- 22,952
Sub Total Trades - Fluoridation Systems (5kg):	***444,367***			***444,367***
1.9 ELECTRICAL AND CONTROL SYSTEMS				
2.1.9.1 - Electrical and Control System	263,666	100%	100%	263,666
2.1.9.2 - Commissioning	27,769	60%	100%	27,769
2.1.9.3 - Miscellaneous	37,700	100%	100%	37,700
Sub Total Trades - Fluoridation Systems (25kg):	***329,135***			***329,135***
2.0 VARIATIONS				
V1 - EoT claim	63,094	100%	100%	63,094
V2 - Ingham River building changes	-22,204	100%	100%	- 22,204
V3 - Seepage Drainage	3,623	100%	100%	3,623
V4 - Remove trees at Forrest Beach	1,152	100%	100%	1,152
V5 - Reduce pipe runs and Forrest Beach	TBC			
V6 - Move Macknade building location	TBC			
V7 - Asbestos pipe in dosing pit - River PS	21,608	100%	100%	21,608
V8 - Dewatering to Forrest Beach	3,665	100%	100%	3,665
V9 - Relocate vent to waste tank	5,615	100%	100%	5,615
V10 - Sample water discharge dosing head arrangement	9,258	100%	100%	9,258
V11 - Plumbing arrangement for water softeners	16,878	100%	100%	16,878
Sub Total Variations:	***102,689***			***102,689***
TOTAL COSTS OF WORKS COMPLETED TO DATE:	**$3,042,088**		100%	**$3,042,088**

LESS PREVIOUS CLAIMS (approved amounts)

Tax Invoice 4427 - Claim 8	$257,922
Tax Invoice 4371 - Claim 7	$556,716
Tax Invoice 4317 - Claim 6	$697,934
Tax Invoice 4270 - Claim 5	$523,810
Tax Invoice 4213 - Claim 4	$232,236
Tax Invoice 4169 - Claim 3	$297,888
Tax Invoice 4124 - Claim 2	$156,899
Tax Invoice 4102 - Claim 1	$287,971
Total Invoiced To Date:	$3,011,376

TOTAL THIS CLAIM EXCL. GST **$30,712.02**

This Claim has been prepared and made in accordance with the 'Building and Construction Industry Payments Act 2004'.

Agreed Contract Payment Conditions

28 days in accordance with Clause 42.1 of the Contract

CON-DOC-001.01.01

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RTI Document No. 463

20/02/2013

			23.9%	23.0%	18.0%	18.5%	16.6%	
			Depot WTP	Ing Water PS	Halifax WTP	MKD WTP	Forrest Beach	
CX.02103	**Fluoridisation Concept Design Report**							
	Professional Fees	$ 21,423.56	$ 5,120.23	$ 4,927.42	$ 3,856.24	$ 3,963.36	$ 3,556.31	$ 21,423.56
CX.02159	**Fluoridisation - Site Survey Work**	$ 16,150.00						
	Contractors (not machinery)	$ 15,625.00	$ 3,734.38	$ 3,593.75	$ 2,812.50	$ 2,890.63	$ 2,593.75	$ 15,625.00
	Hire of Vacuum Excavation Equipment	$ 525.00	$ 125.48	$ 120.75	$ 94.50	$ 97.13	$ 87.15	$ 525.00
CX.02160	**Fluoridisation - Geotechnical Work**	$ 19,856.15						
	Contractors (not machinery)	$ 19,031.15	$ 4,548.44	$ 4,377.16	$ 3,425.61	$ 3,520.76	$ 3,159.17	$ 19,031.15
	Hire of Vacuum Excavation Equipment	$ 825.00	$ 197.18	$ 189.75	$ 148.50	$ 152.63	$ 136.95	$ 825.00
CX.02770	**Fluoridisation Survey**	$ 6,876.57						
	Professional Fees	$ 6,876.57	$ 1,643.50	$ 1,581.61	$ 1,237.78	$ 1,272.17	$ 1,141.51	$ 6,876.57
CX.02852	**Fluoridisation - Telemetry Setup**	$ 2,343.00						
	Professional Fees	$ 2,343.00	$ 559.98	$ 538.89	$ 421.74	$ 433.46	$ 388.94	$ 2,343.00
CX.02158	**Fluoridisation Detailed Engineering Design**	$ 241,016.95						
	Professional Fees	$ 241,016.95	$ 57,603.05	$ 55,433.90	$ 43,383.05	$ 44,588.14	$ 40,008.81	$ 241,016.95
CX.03101	**Fluoridisation - PPE Setup**	$ 6,057.45						
	Materials and Equipments	$ 6,057.45	$ 1,447.73	$ 1,393.21	$ 1,090.34	$ 1,120.63	$ 1,005.54	$ 6,057.45
CX.03102	**Fluoridisation - Training**	$ 20,901.49						
	Training	$ 20,901.49	$ 4,995.46	$ 4,807.34	$ 3,762.27	$ 3,866.78	$ 3,469.65	$ 20,901.49
CX.02937	**Fluoridisation - Request for Information**	$ 2,780.30						
	Information	$ 2,780.30	$ 664.49	$ 639.47	$ 500.45	$ 514.36	$ 461.53	$ 2,780.30
CX.03104	**Fluoridisation - Commisioning**	$ 27,819.64						
	Commisioning	$ 27,819.64	$ 6,648.89	$ 6,398.52	$ 5,007.54	$ 5,146.63	$ 4,618.06	$ 27,819.64
CX.02905	**Fluoride-Buildings & Equipment InghamWPS**	$ 717,837.66						
	Internal Applicatin	$ 566.00		$ 566.00				$ 566.00
	Contractors (not machinery)	$ 717,271.66		$ 717,271.66				$ 717,271.66
CX.02906	**Fluoride-Buildings & Equipment Depot WTP**	$ 696,194.56						
	Internal Applicatin	$ 566.00	$ 566.00					$ 566.00
	Contractors (not machinery)	$ 695,628.56	$695,628.56					$ 695,628.56
CX.02907	**Fluoride-Buildings&Equipment HalifaxWTP**	$ 545,020.79						
	Internal Applicatin	$ 566.00			$ 566.00			$ 566.00
	Contractors (not machinery)	$ 544,454.79			$ 544,454.79			$ 544,454.79
CX.02908	**Fluoride-Buildings&Equipment MacknadeWTP**	$ 558,546.30						
	Internal Applicatin	$ 566.00				$ 566.00		$ 566.00
	Contractors (not machinery)	$ 555,089.90				$555,089.90		$ 555,089.90
	Electrical Contractor	$ 2,890.40				$ 2,890.40		$ 2,890.40
CX.02909	**Fluoride-Buildings&Equipment F/BeachWTP**	$ 610,545.52						
	Internal Applicatin	$ 566.00					$ 566.00	$ 566.00
	Contractors (not machinery)	$ 609,979.52					$ 609,979.52	$ 609,979.52
			Depot WTP	Ing Water PS	Halifax WTP	MKD WTP	Forrest Beach	
		$3,493,369.94	$783,483.36	$ 801,839.44	$ 610,761.31	$626,112.95	$ 671,172.89	$ 3,493,369.94

DSDIP RTI Release

RTI Document No. 464

Queensland Government

HINCHINBROOK SHIRE COUNCIL
11 FEB 2014
RECEIVED

Forensic and Scientific Services
HSSA | Health Services Support Agency

CERTIFICATE OF ANALYSIS

CLIENT : (HEHTN)
Environmental Health - Townsville
Townsville Public Health Unit
242 Walker Street
TOWNSVILLE QLD 4810

ATTN: N. Fredericks

Laboratory Reference : SSP0038699
Client Order No. : FREDERICKS_N
Date Received : 13-Jan-2014
Laboratory Number : 14NA223
Batch No : 616-36

Client Reference : HIN908
Date Sampled : 09-Jan-2014
Sample Point : Hillft @ Forrest Beach SP26 pH 7.03, CL2 1.2, F 0.71
Sample Source : Ground
Owner : N. Fredericks

Submitting Authority : Hinchinbrook Shire Council
Reason for Analysis : Compliance
Water Treatment : Chlorinated

Method		Units	Result	Guidelines ** Health	Guidelines ** Aesthetic
18320	Conductivity @ 25°C	µs/cm	158		
18226	pH	at 23°C	7.48		6.5 - 8.5
18209	Total Hardness*	mg $CaCO_3$/L	19		200
18209	Temporary Hardness*	mg $CaCO_3$/L	19		
18208	Alkalinity*	mg $CaCO_3$/L	26		
18209	Residual Alkalinity*	meq/L	0.1		
18195	Silica	mg/L	35		80
18209	Total Dissolved Ions*	mg/L	94		
18209	Total Dissolved Solids*	mg/L	113		600
18206	True Colour	Hazen	1		15
18212	Turbidity	NTU	8		5
18209	pH Sat.* (calc. for $CaCO_3$)		9.3		
18209	Saturation Index*		-1.9		
18209	Mole Ratio*		2.7		
18209	Sodium Absorpt. Ratio*		2.1		
18209	Figure of Merit Ratio*		0.4		

Method		Units	Result	Guidelines ** Health	Guidelines ** Aesthetic
	CATIONS				
18195	Sodium	mg/L	20		180
18195	Potassium	mg/L	2.7		
18195	Calcium	mg/L	4.5		
18195	Magnesium	mg/L	1.9		
18209	Hydrogen*	mg/L	0.0		
	ANIONS				
18209	Bicarbonate*	mg/L	32		
18209	Carbonate*	mg/L	0.1		
18209	Hydroxide*	mg/L	0.0		
18204	Chloride	mg/L	17		250
18204	Fluoride	mg/L	0.48	1.5	
18204	Nitrate	mg/L	1.0	50	
18204	Sulphate	mg/L	13.7	500	250
	OTHER DISSOLVED ELEMENTS				
18195	Iron	mg/L	0.04		0.3
18195	Manganese	mg/L	<0.01	0.5	0.1
18195	Zinc	mg/L	<0.01		3
18195	Aluminium	mg/L	<0.05		0.2
18195	Boron	mg/L	0.03	4	
18195	Copper	mg/L	<0.03	2	1

Notes:
* parameter is derived from calculation.
** Australian Drinking Water Guidelines 2011 (ADWG) Health and Aesthetic Values
'-' not determined

Lab use Only: TE 321.00 TC 1.34 TA 1.34 Imb 0.00 A I/C 0.49

Please note that the concentration of total elements present may be higher than that of dissolved elements stated in this report.
The water does not comply with the Australian Drinking Water Guidelines 2011 for Turbidity.

Sch. 4(4)(6)

NATA Accredited Laboratory 41 Accredited for compliance with ISO/IEC 17025.

14NA223

Tatiana Komarova
Chemist, Inorganic Chemistry
20-Jan-2014

This report overrides all previous reports. The results relate solely to the sample/s as received and are limited to the specific tests undertaken as listed on the report. The results on this report are confidential and are not to be used or disclosed to any other person or used for any other purpose, whether directly or indirectly, unless that use is disclosed or the purpose is expressly authorised in writing by Queensland Health and the named recipient on this report. To the fullest extent permitted by law, Queensland Health will not be liable for any loss or claim (including legal costs calculated on an indemnity basis which arise because of (a) problems related to the merchantability, fitness or quality of the sample/s, or (b) any negligent or unlawful act or omissions by Queensland Health that is connected with any activities or services provided by Queensland Health under this agreement (including the timing and/or method under which the sample/s were taken, stored or transported).

Enquiries Tatiana Komarova
Phone
39 Kessels Road
Coopers Plains QLD 4108
AUSTRALIA
PO Box 594
Archerfield QLD 4108
AUSTRALIA
Phone (+61 7) 3274 9111
Fax (+61 7) 3000 9628
Email FSS@health.qld.gov.au

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RTI Document No. 465

Final Subsidy Post-Commissioning Checklist

IPMG Infrastructure Project Management Group

SCHEME INFORMATION	
Name of Public Potable Water Supplier	HINCHINBROOK SHIRE COUNCIL
Name of Scheme	FORREST BEACH WTP

COMMISSIONING	Included
A commissioning plan was prepared that included the following:	
Treatment plant operational requirements *e.g. Whether high flow or low flow simulation will be required*	✓
Resources required *Including treatment plant operator attendance, key vendor representation*	✓
Training	✓
Risk assessment and contingency plans	✓
Operational Health and Safety Considerations	✓
Public interest consideration *e.g. Noise, visuals*	✓
Community communication	✓
Quality Assurance Program compliance	✓
Environmental impacts	✓
Acceptance testing requirements and acceptance criteria for the various components	✓
Details on how any variation in raw water fluoride levels during the commissioning process will be managed	✓
The commissioning activity included the following:	
Inspection and performance tests of all structures *Under actual operating conditions*	✓
Inspection and performance tests of all pipelines *Under actual operating conditions*	✓
Inspection and performance tests of all equipment, systems and processes *Under actual operating conditions in manual and automatic modes*	✓
Dry and wet testing	✓
Calibration of metering pumps and feeders	✓
Calibration of all instruments	✓
Testing and commissioning of electric, instrumentation and control systems	✓
Testing and commissioning of alarm annunciators, set points and other control systems	✓
Activation of alarms by inducing actual fault conditions *Including tests of the common failure modes for under-dosing and over-dosing*	✓

Note: Italicised text is provided only as guidance

DRAFT Released

RTI Document No. 466

	Included
Function checks on interlocks and control systems	✓
The acceptance test specifications included:	
The conditions under which the tests are to be performed *e.g. high or low flow conditions*	✓
The proving period for each condition	✓
The acceptable test results	✓
What commissioning activities were to be repeated in the event of failures	✓

CERTIFICATION

I / We certify that:

- Commissioning has included all of the items in this completed checklist.
- The scope and detail of commissioning is sufficient to meet normally accepted requirements for the commissioning of similar facilities.

Name	COLIN CRANFIELD	Certification by person responsible for water supply services e.g. Water Supply & Sewerage Engineer
Title	TECHNICAL DIRECTOR	
RPEQ Number	3784dp	
Signature	Sch. 4(4)(6)	
Date	05/03/2014.	
Name	PAUL CURTIS	Certification by Fluoridation Equipment Supplier
Title	ORDER EXECUTION MANAGER EVOQUA LTD.	
Signature	Sch. 4(4)(6)	
Date	5/3/2014	

DSDIP RTI

Note: Italicised text is provided only as guidance

RTI Document No. 467

Water Fluoridation Code of Practice
Compliance Statement

IPMG Infrastructure Project Management Group

SCHEME

Name of Public Potable Water Supplier	HINCHINBROOK SHIRE COUNCIL

CERTIFICATION

I / We certify that:

- The design for the fluoridation facility meets the design requirements for the Water Fluoridation Code of Practice, including reasonable allowance for scenarios likely to be encountered during the lifetime of the facility;
- The facility has been constructed in accordance with the design to meet the requirements of the Water Fluoridation Code of Practice;
- The scope and extent of commissioning was sufficient to prove compliance with the Water Fluoridation Code of Practice, including reasonable allowance for scenarios likely to be encountered during the lifetime of the facility;
- Staff have received adequate training to ensure ongoing adequate operation and maintenance of the fluoridation facility in accordance with the Water Fluoridation Code of Practice;
- A monitoring programme has been established in accordance with the requirements of the Water Fluoridation Code of Practice, and the monitoring program demonstrates compliance with the performance requirements of the Water Fluoridation Code of Practice;
- Documentation and contingency plans have been established in accordance with requirements of the Water Fluoridation Code of Practice;
- Overall, the facility meets all the requirements of the Water Fluoridation Code of Practice, and it is reasonable to expect that it will continue to do so in the future.

Certification by person responsible for water supply services e.g. Water Supply & Sewerage Engineer

Name	COLIN CRANFIELD
Title	TECHNICAL DIRECTOR
RPEQ Number	3784040
Signature	Sch. 4(4)(6)
Date	05/03/2014
Name	PAUL CURTIS
Title	ORDER EXECUTION MANAGER EVORVA LTD.
Signature	Sch. 4(4)(6)
Date	5 / 3 / 2014

DSDIP Release

RTI Document No. 468

Hinchinbrook Fluoridation – Close out Report

Lessons Learnt

Looking at the Hinchinbrook Fluoridation Project in overview, Council can note some items that may assist the Department for future implementations. A list of these is given below:

- Hinchinbrook Shire Council has 5 water treatment plants, all of which now have fluoridation. There are a total of 3 water schemes in the Shire. The Fluoridation Funding was set up with 5 separate agreements for each Fluoridation Plant. It would have been preferred if these agreements were rolled into one.

- The delay in payment and ongoing request for documentation placed strain on Council and created a shortfall in Council's cash flow. It would have been helpful if required documentation, e.g. Statutory Declarations, was requested at the beginning of the project and Council could have gathered these from companies after invoices were processed.

- It may have been of advantage for the Shire to have the broad technical specifications determined by a Technical Specification Committee appointed by the State Department Proposing the implementation of a process. These Specifications could then be set up to suit a range of scheme sizes. There would have been a significant cost saving to Local Government and the State Government if there was say six (6) standard treatments to suit various size schemes that could be applied according to the number of connections. These standardised solutions could then be modified according to local conditions but would not need Technical review or detailed first principals design. A further advantage may be that the limited number of equipment suppliers could be contacted prior to projects commencing to collaborate on specifications and arrange Standing Offer pricing.

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Ref 118

Public potable water supplier:

Hinchinbrook Shire Council

Project name:

Macknade WTP Fluoridation

Fluoridation of the Macknade **water treatment plant**

DSDIP RTI Release

RTI Document No. 470

Introduction

The objective of this report is to provide the Queensland Government with:

- a summary of activities that took place to achieve the goals of the project (by completing the below questions)
- support for the last funding expenditure reimbursement claim.
- a notification the project has been completed.

Instructions

Please answer all questions relevant to your project. If you are unable to provide an answer, please state so. If the question is not applicable to your project, please answer "Not Applicable" and why this is so.

1. Project details

Please insert the details about your project in the table below.

Project name	Macknade WTP Fluoridation
Approval date	14 September 2011
Funding agreement execution date	16 November 2011
Approved funding ($)	575,524
Funding paid to date ($)	$517,971
Population served	3530

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RTI Document No. 471

2. Construction details

Please insert the construction details about your project in the table below.

Procurement methodology	Client Design / Construct Only (Competitive Tender)	
Concept design prepared by	Harrison Grierson Consultants PTY Ltd	
Detailed design prepared by	Harrison Grierson Consultants PTY Ltd	
Construction awarded to	Paynter Dixon	
Fluoridation equipment supplier	Siemens Water	
Flow meters utilised (type and size)	Siemens	
Concentration analysers utilised	Prominent	
Remote monitoring equipment (if installed)	Citek based SCADA System by Cooper Industries as all other W&S equipment used this remote monitoring	
Plant capacity including minimum and maximum flow demands	Fluoride Dose (kgF/d) at Min Water Demand 0.8	Fluoride Dose (kgF/d) at Max Water Demand 1.6
Chemical type	Sodium Fluoride	

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RTI Document No. 472

3. Timelines

Please provide the dates for your project milestones in the table below.

Activity	Original forecasted date	Actual completion date
Commencement of Fluoride concept design report (FCDR)	December 2010	December 2010
Construction commencement	June 2011	October 2012
Commencement date of proof of performance testing	December 2011	June 2013
Completion date of proof of performance testing	January 2012	July 2013
Commissioning date/hand over to PPWS	January 2012	12/11/2013
Training completed and competency gained	December 2011	17 June 2013

Please complete the questions below about your project timelines.

3.1 Has there been any major delays to the **construction** of the fluoride facility?

Yes / (**No**) (please circle)

3.2 If yes, what caused these delays? (you may attach a report detailing the reasons for the delays)

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RTI Document No. 473

4. Costs

Please insert your project costs in the table below and provide further information if applicable to the question below.

Activity	Original forecasted amount	Actual amount
Final cost of planning, design and construction	$780,000	$626,112.95
Commissioning costs	Included above	Included above
Cost of chemical supply per bag (including freight)	$62/bag	$37.25/5kg bottle

4.1 If the project was completed at a higher than estimated cost and the contingency amount was required, please provide a brief explanation as to why this occurred (you may attach a report detailing the reasons for the increased cost).

Higher chemical cost is due to the adoption of 5kg sodium fluoride bottles at Halifax, Macknade and Forrest Beach as part of value – engineering exercise during detailed engineering to reduce capital cost.

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RTI Document No. 474

5. Closure

Please provide further details on the items listed below (you may use attachments):

5.1 Proof of performance testing criteria
14 days daily test. Refer to attached Daily Record Sheets.
Final fluoride level 0.7 ± 0.1 mg/L

5.2 Proof of performance testing results
Refer to Long Term Monitoring Data

5.3 Water analysis results
Refer to Laboratory Results

5.4 Please provide a list of outstanding business activities, risks and issues associated with the project.
None to report.

5.5 What closure activities still require completion?
Minor defects, Defect Liability Period ends on 8th July 2014

5.6 Please provide any 'lesson(s) learnt' which could assist future implementations (you may use attachments). This may include any experience you had with your contractors.
See attached.

Please circle an answer to each of the questions below, If the answer is 'to be completed' please insert the date for which it will be completed by.

5.7. Is hand over of the project deliverables and documentation
Completed / to be completed by _____

5.8 Termination of any supplier contracts:
Completed / to be completed by _____

5.9 Release resources
Completed / to be completed by 8 July 2014

5.10 Undertake closure communication (for example Queensland Health)
Completed / to be completed by 9 March 2014

DSDIP RTI Release

RTI Document No. 475

6. Photographs

Please provide electronic copies of photographs showing the following:

- the completed project
- photographs of the project during construction
- a photograph of the dosing meter showing the dosing level
- A copy of the 24 hour trend graph indicating WTP flow and fluoride levels.

7. Documentation

Please provide copies of the following documents:

- the Certificate(s) of Practical Completion issued by the superintendent(s) (See Attachment)
- the Certificates of Final Acceptance Tests – (Refer to HSC Long Term Operational Data)
- written evidence the fluoride facility has met the performance requirements of the Regulation for a period of not less than 14 consecutive operating days and continues to do so (Refer to HSC Long Term Operational Data)
- written evidence two (2) plant operators per fluoride facility have completed qualified training (See attached)
- written evidence the associated documentation (e.g. operation and maintenance manuals, as-constructed information) is complete in all respects (See attached)
- the certified contract payment schedules, the Certificate(s) of Practical Completion and the Certificates of Final Acceptance Tests (See attached)
- the final Budget and cost report (See attached)
- results of tests carried out in accordance with the Regulation demonstrating that the fluoride facility is meeting the requirements of the Regulation (See attached)
- the completed final subsidy post-commissioning checklist (See attached)
- a statement of compliance with the Regulation. (See attached)

DSDP RTI Release

RTI Document No. 476

9. Sign Off

I certify that the information provided in this report is an accurate reflection of project activities.

Sch. 4(4)(6)

Signed

Colin Gray

Project Manager

Sch. 4(4)(6)

Signed

Leanne Mash

Chief Executive Officer

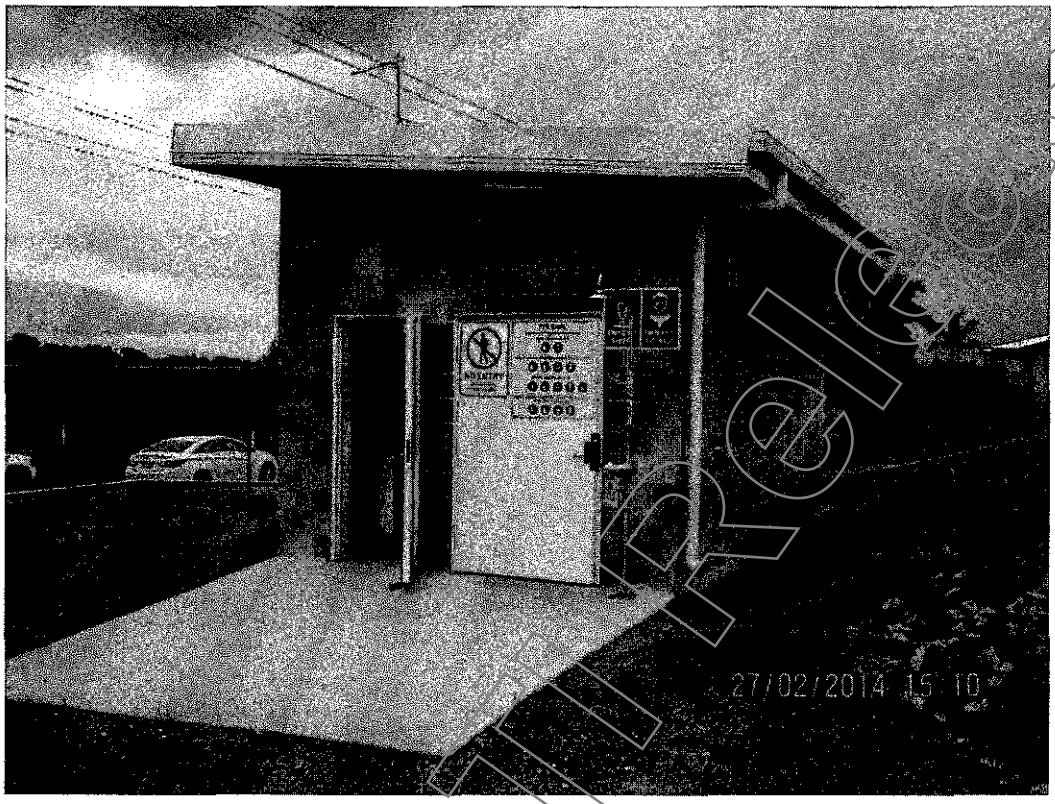
DSDIP - RTI Release

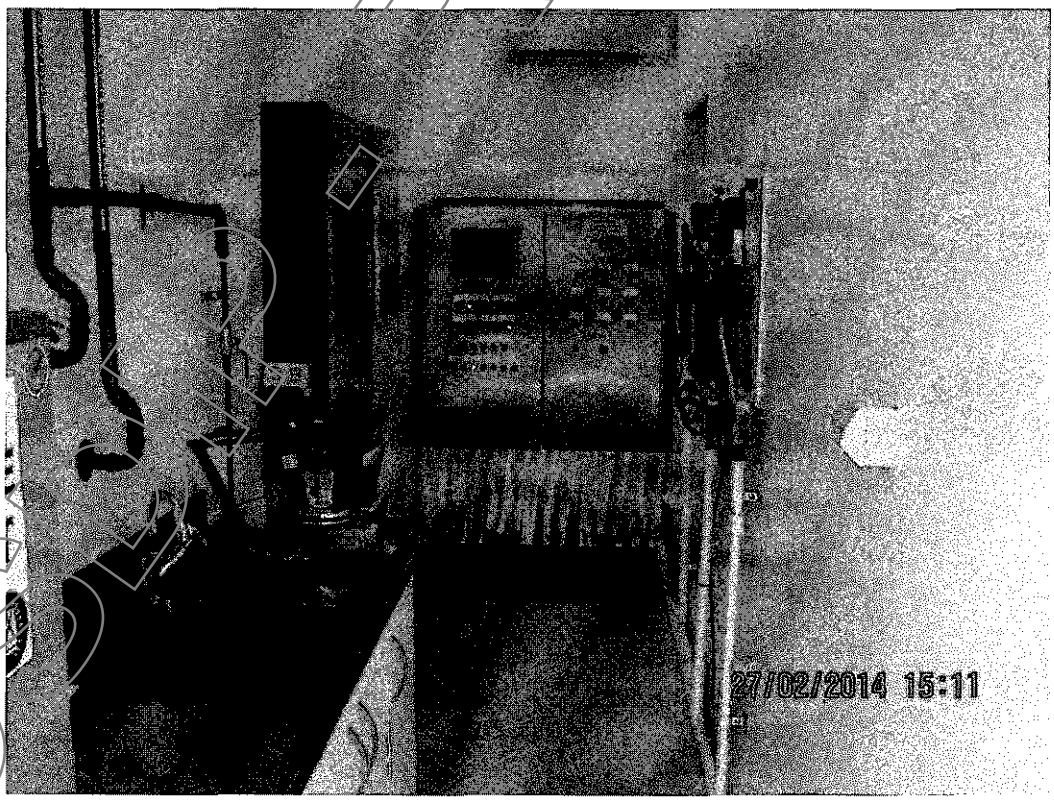
RTI Document No. 477

Fluoridation Close Out Report

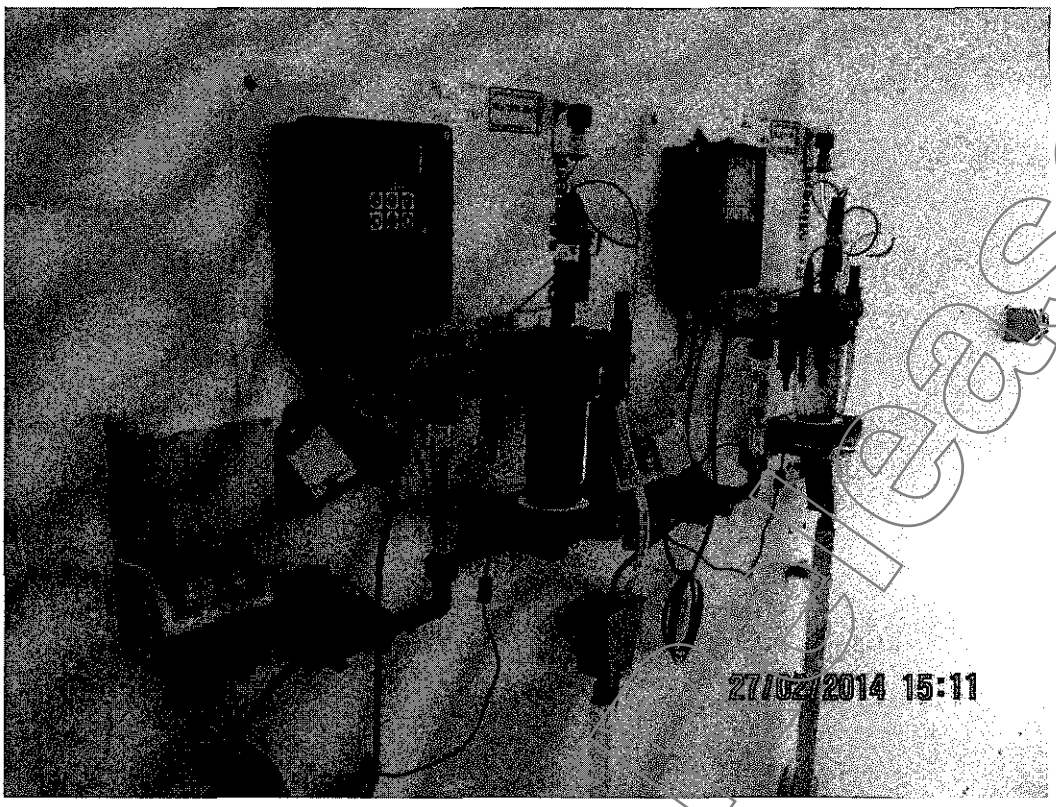
Macknade WTP

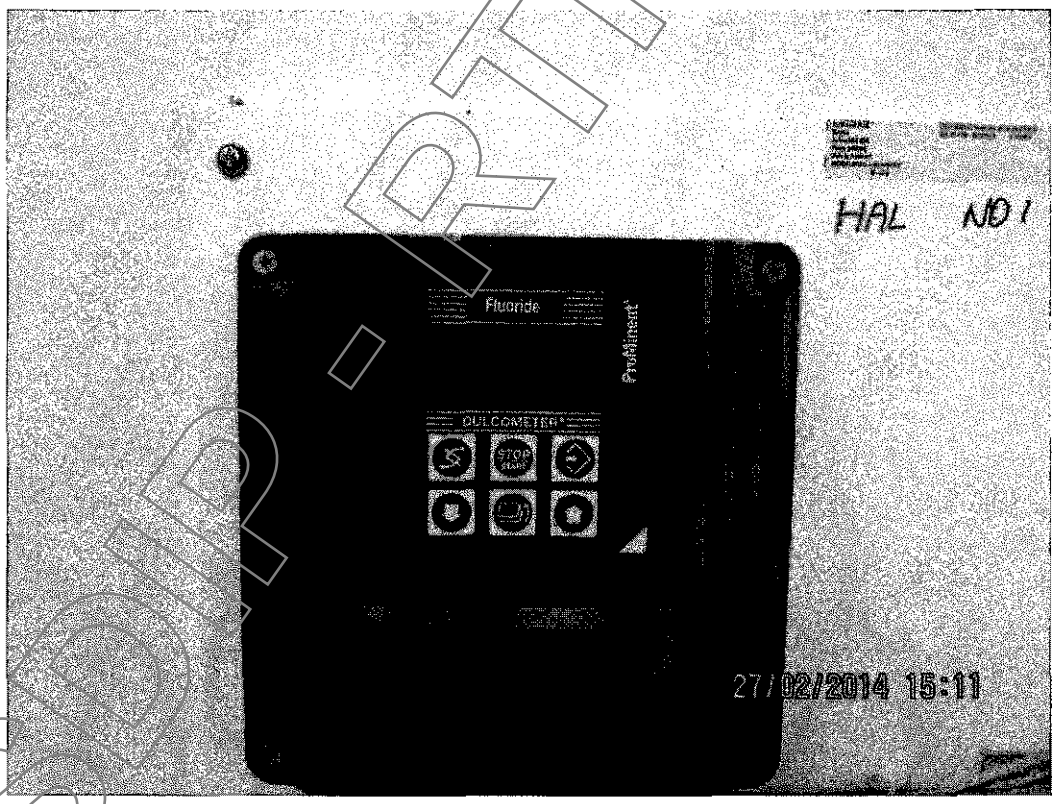
Fluoridation Plant Photos



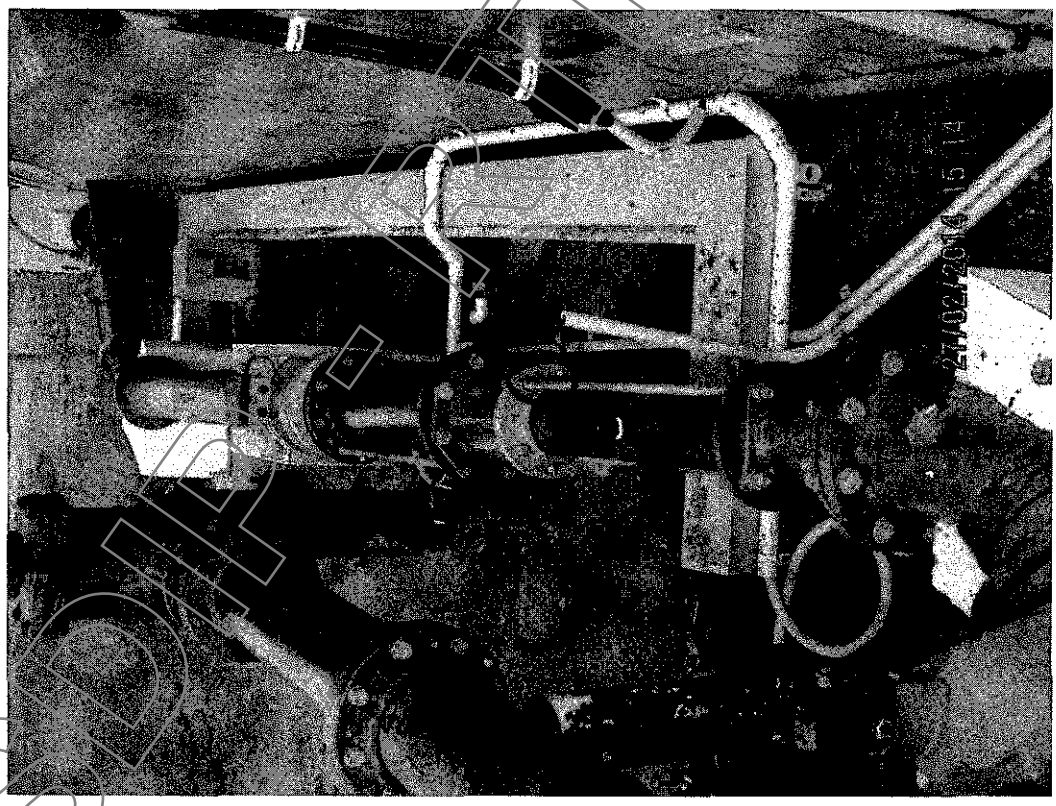


DSWR RTI Release

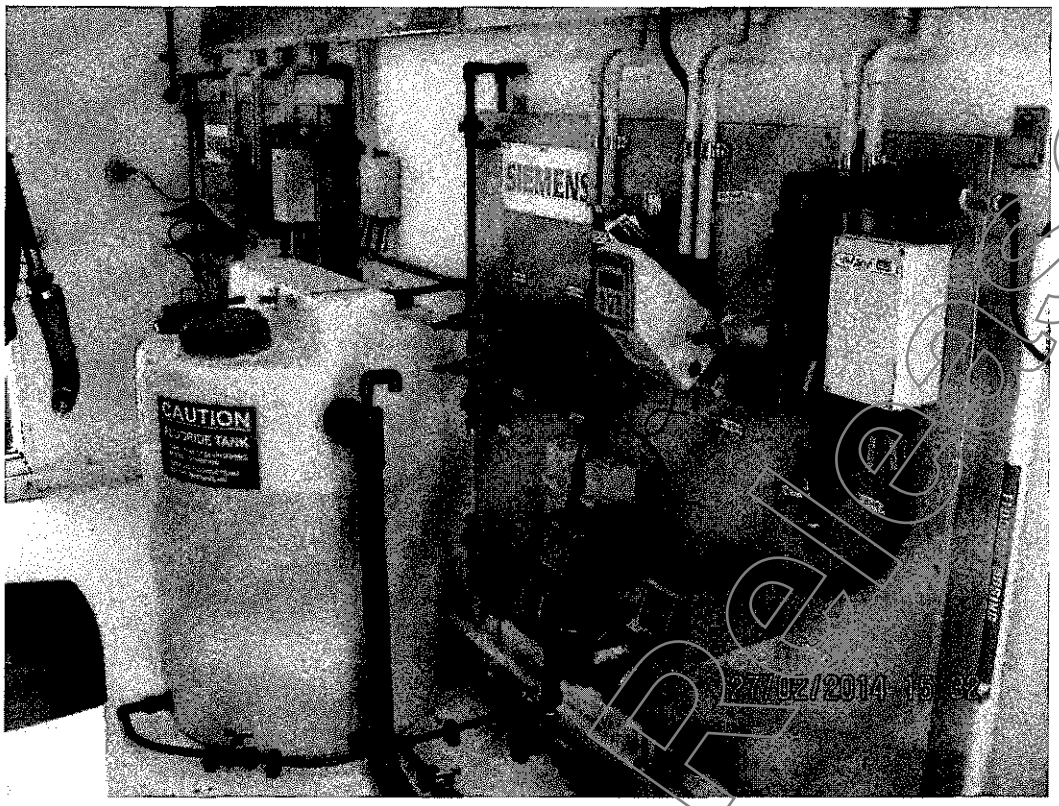




DSIR - RTI Release



DSIR RTI Release



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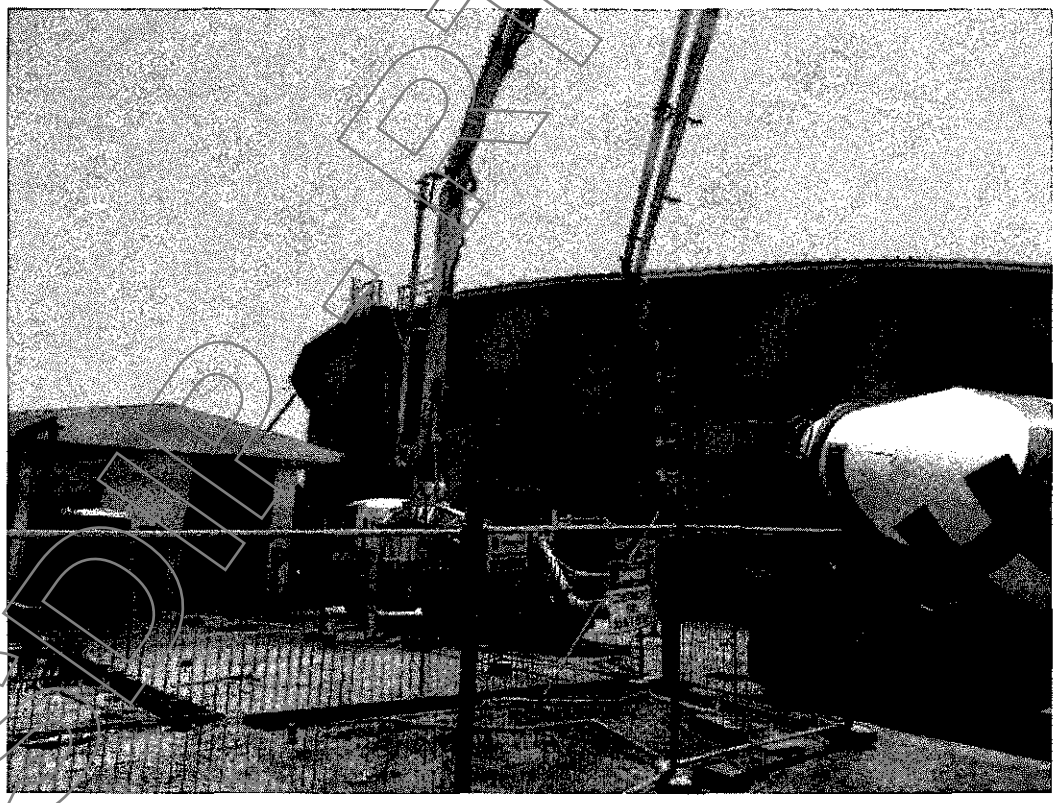
DSDIP - RTI Release

Fluoridation Close Out Report

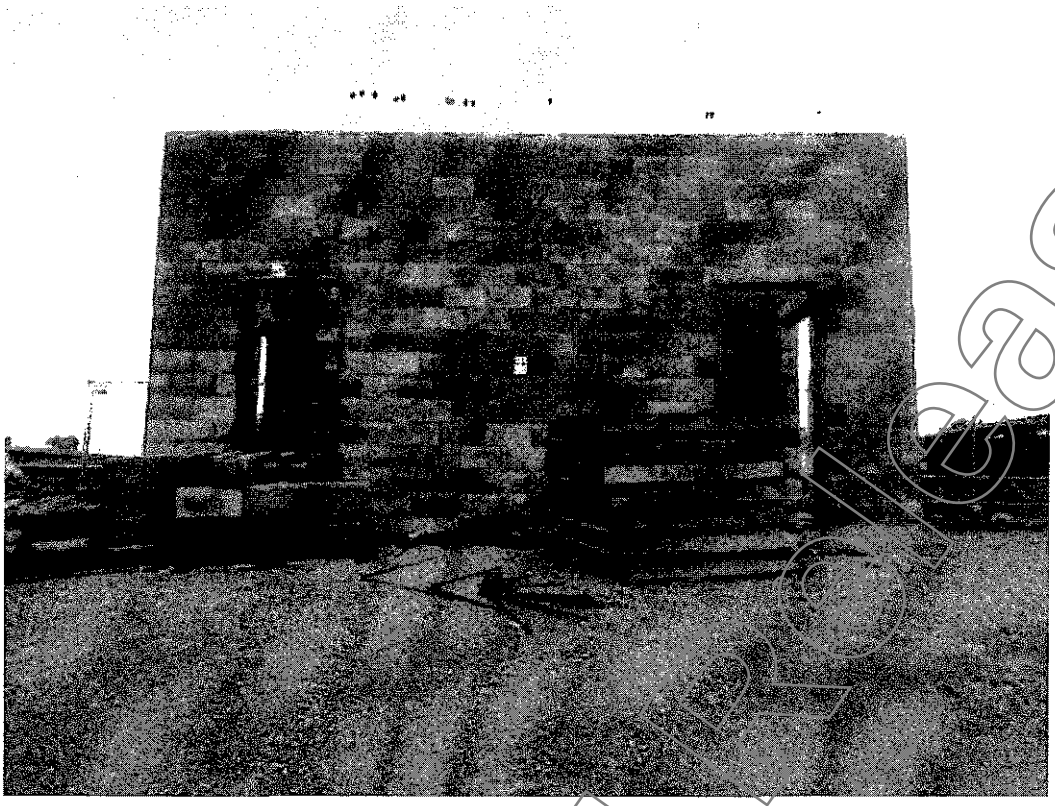
Fluoridation Plant Construction Photos

Forrest Beach Fluoridation Building

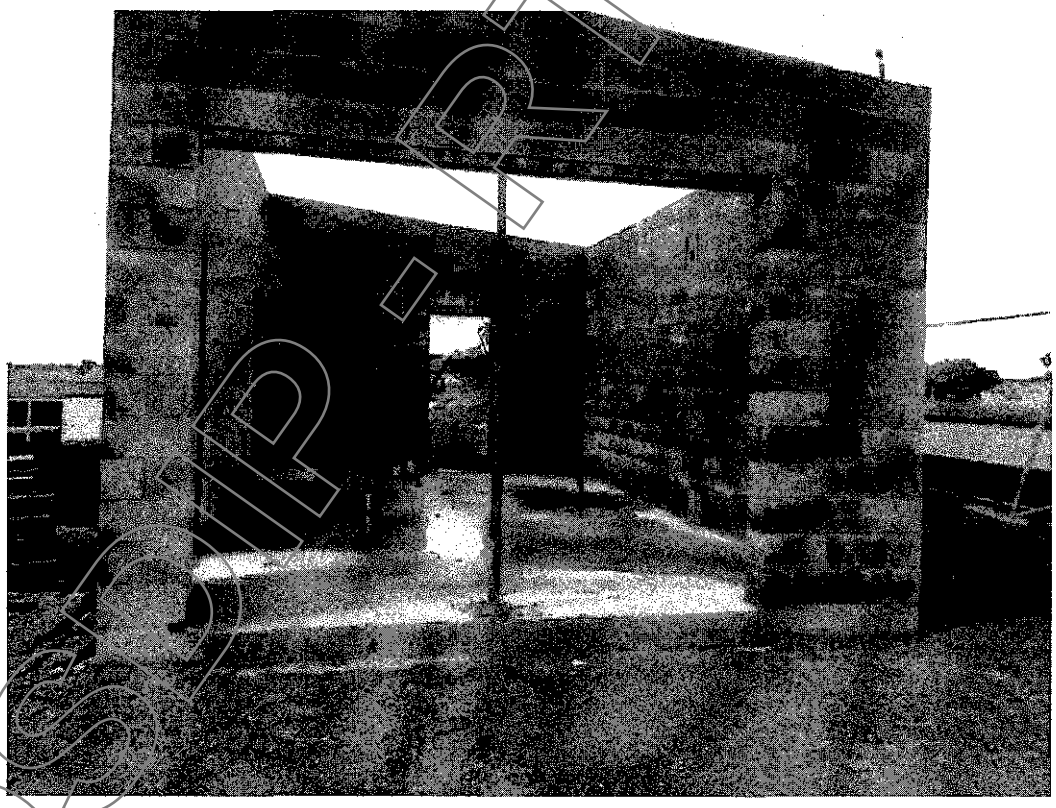


Ingham River PS Site

DoH for Release
RTI Document No. 482

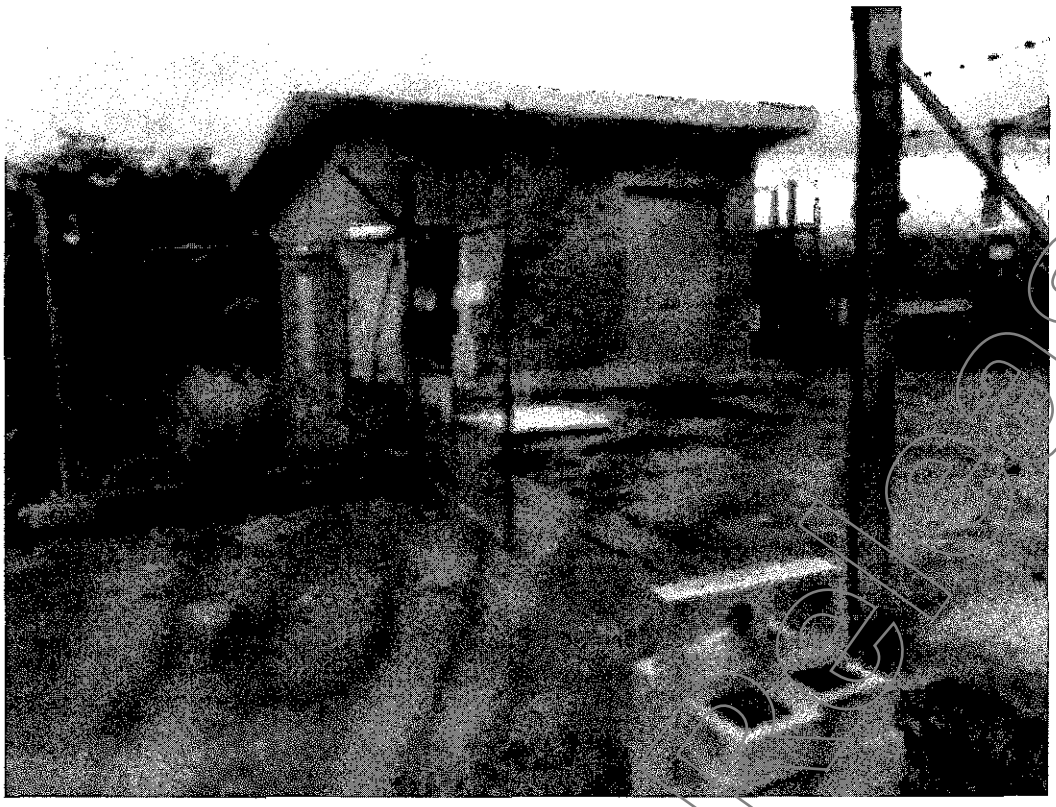


Ingham Depot Fluoridation Building



Ingham Fluoridation Building

DCP IRT Release

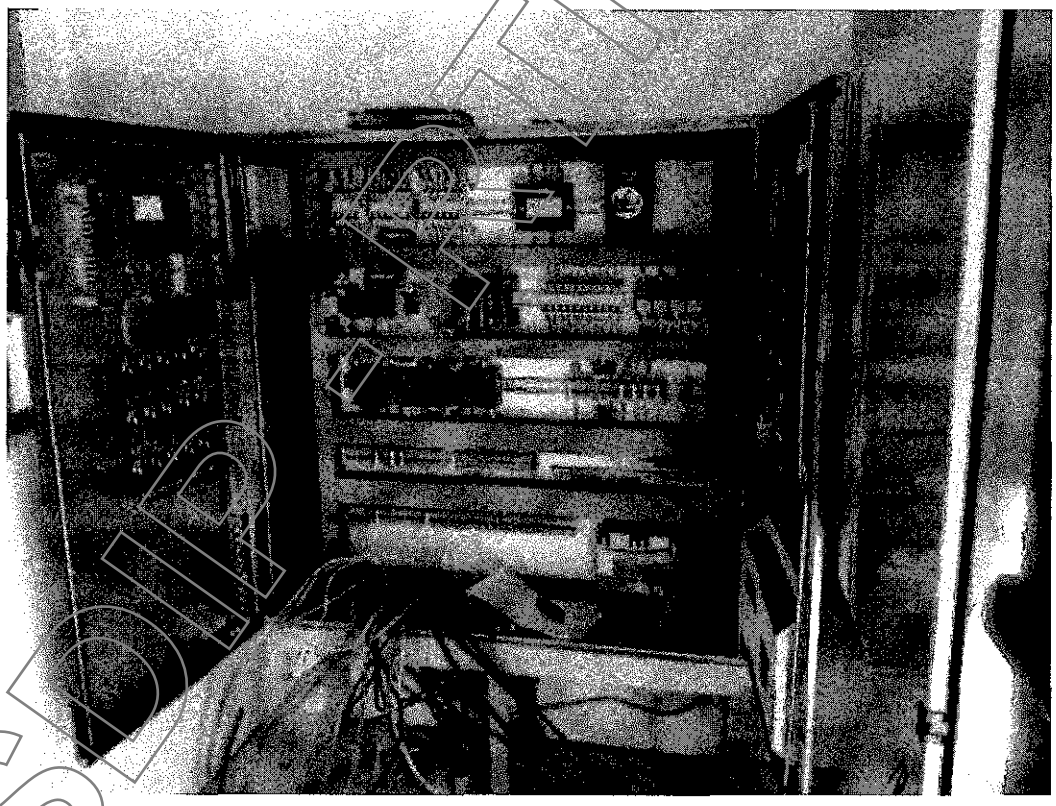


Ingham River PS (Close to completion)

Ingham Depot Fluoridation Building (Close to completion)

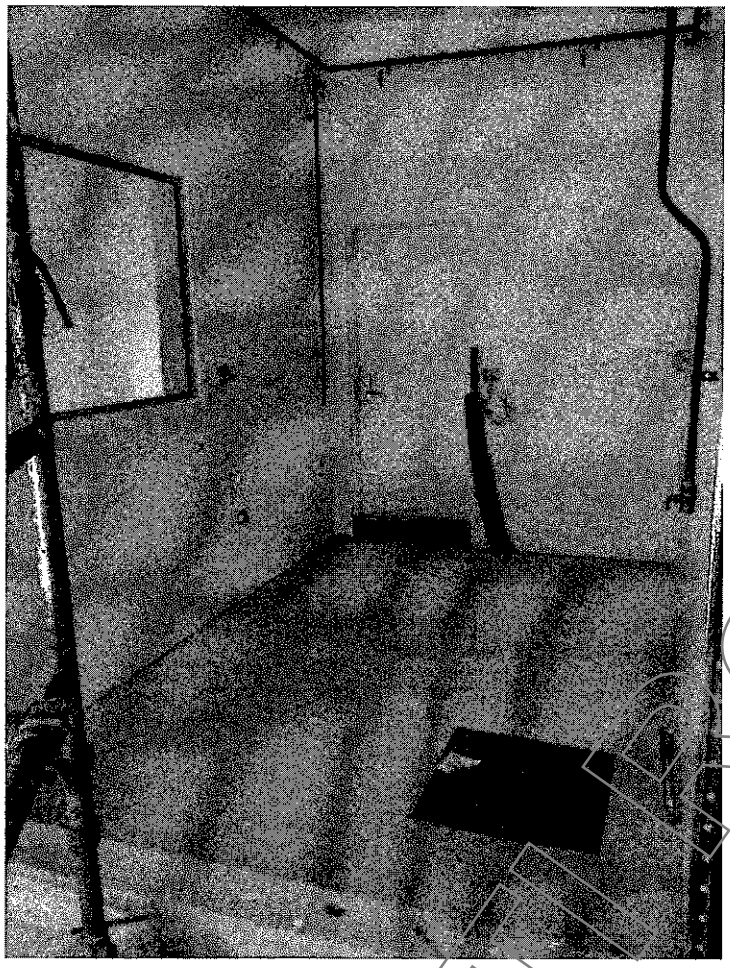
DSDMIP RTI Release

F Dosing Panels delivered

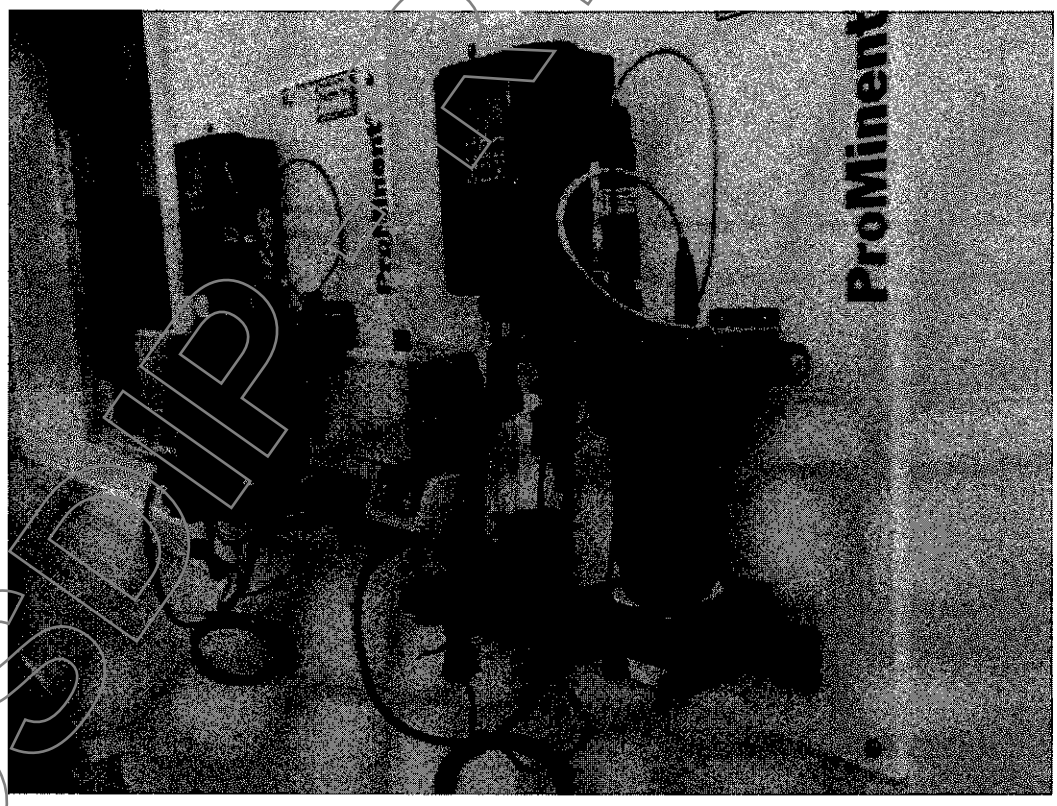


F Dosing Switchboard (wiring)

DSDIR RTI Release

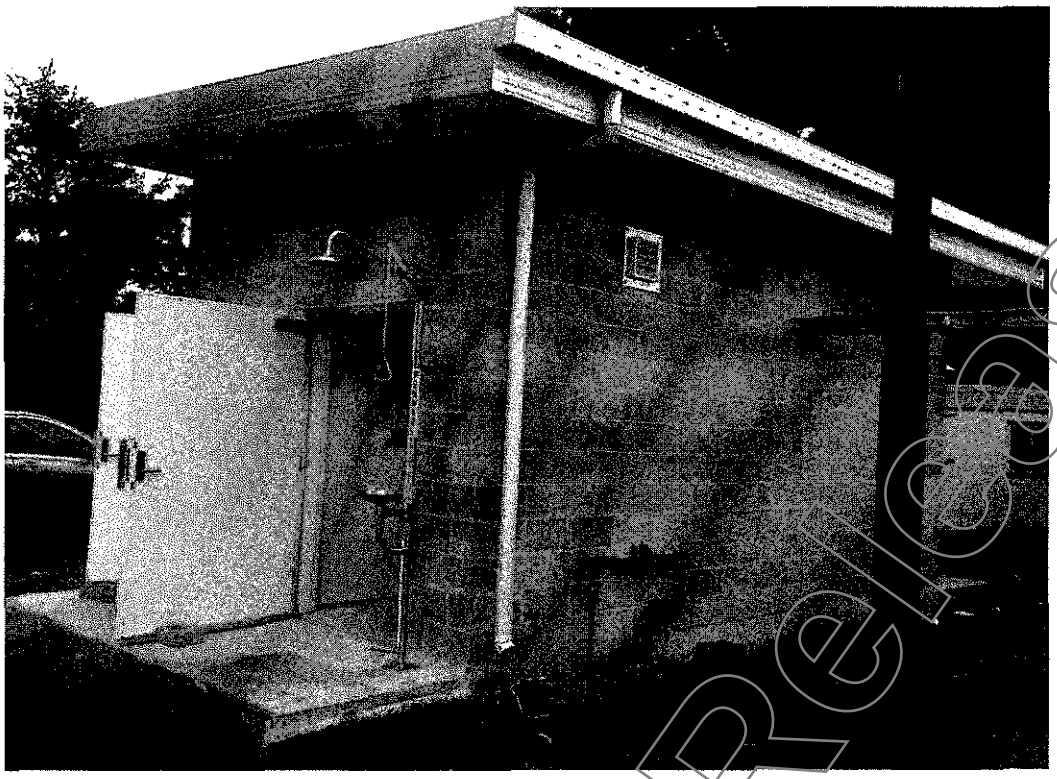


Fluoridation Room Internal prior to mechanical fit – out



Fluoride Analyser Panels (Macknade)

DSRIP Not for Release



Halifax Fluoridation Building (almost complete)

Injection Station Mixers for fluoridation addition

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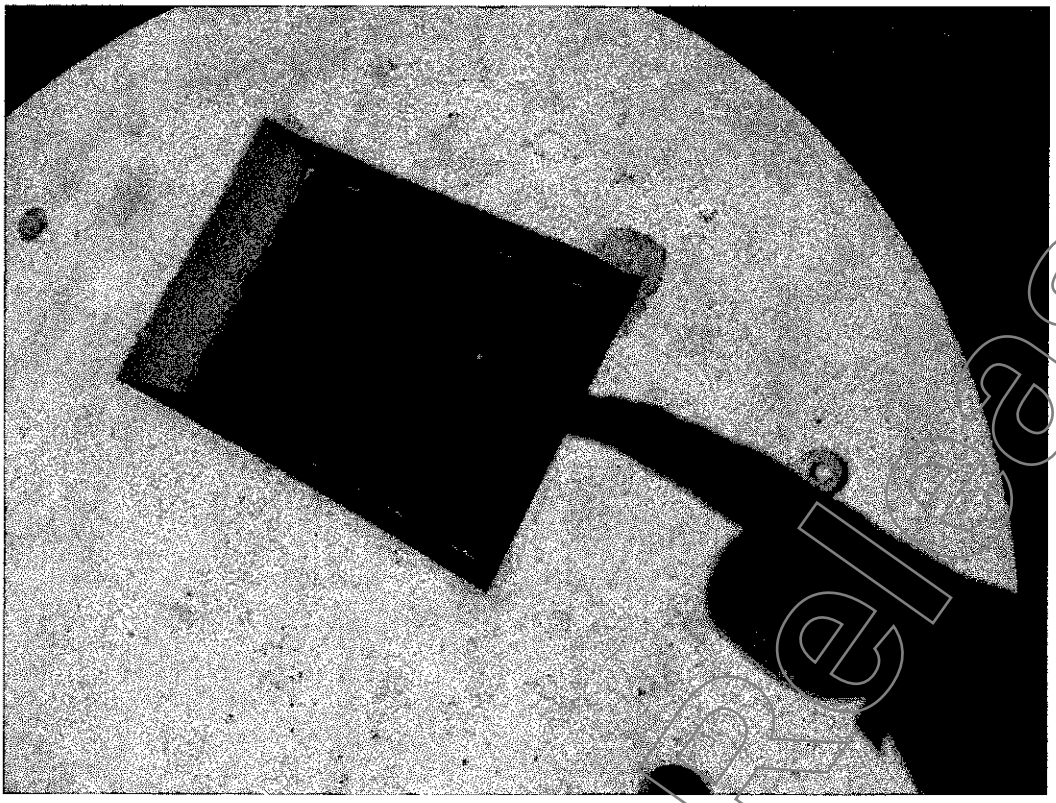

Waste Tank

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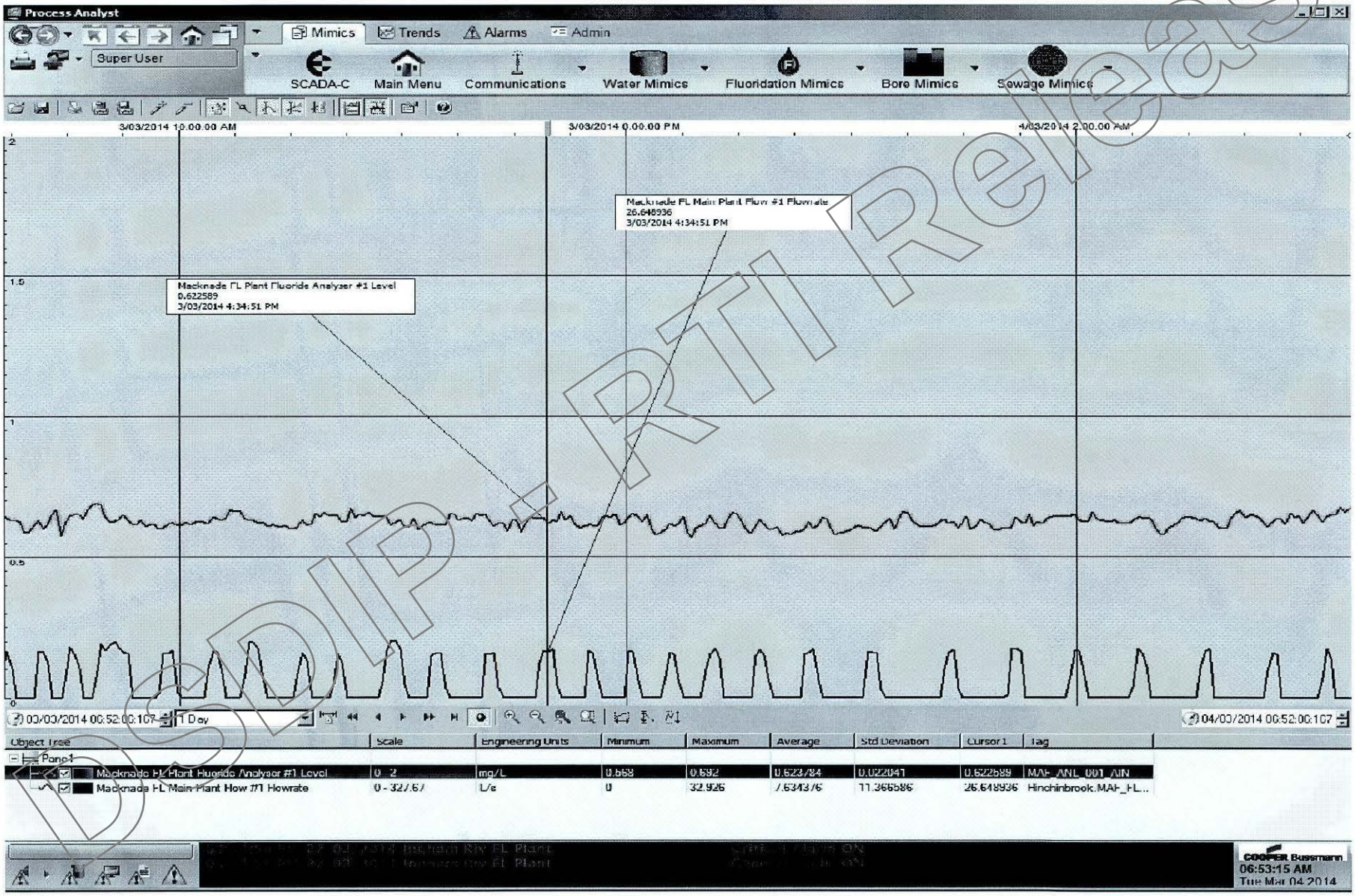

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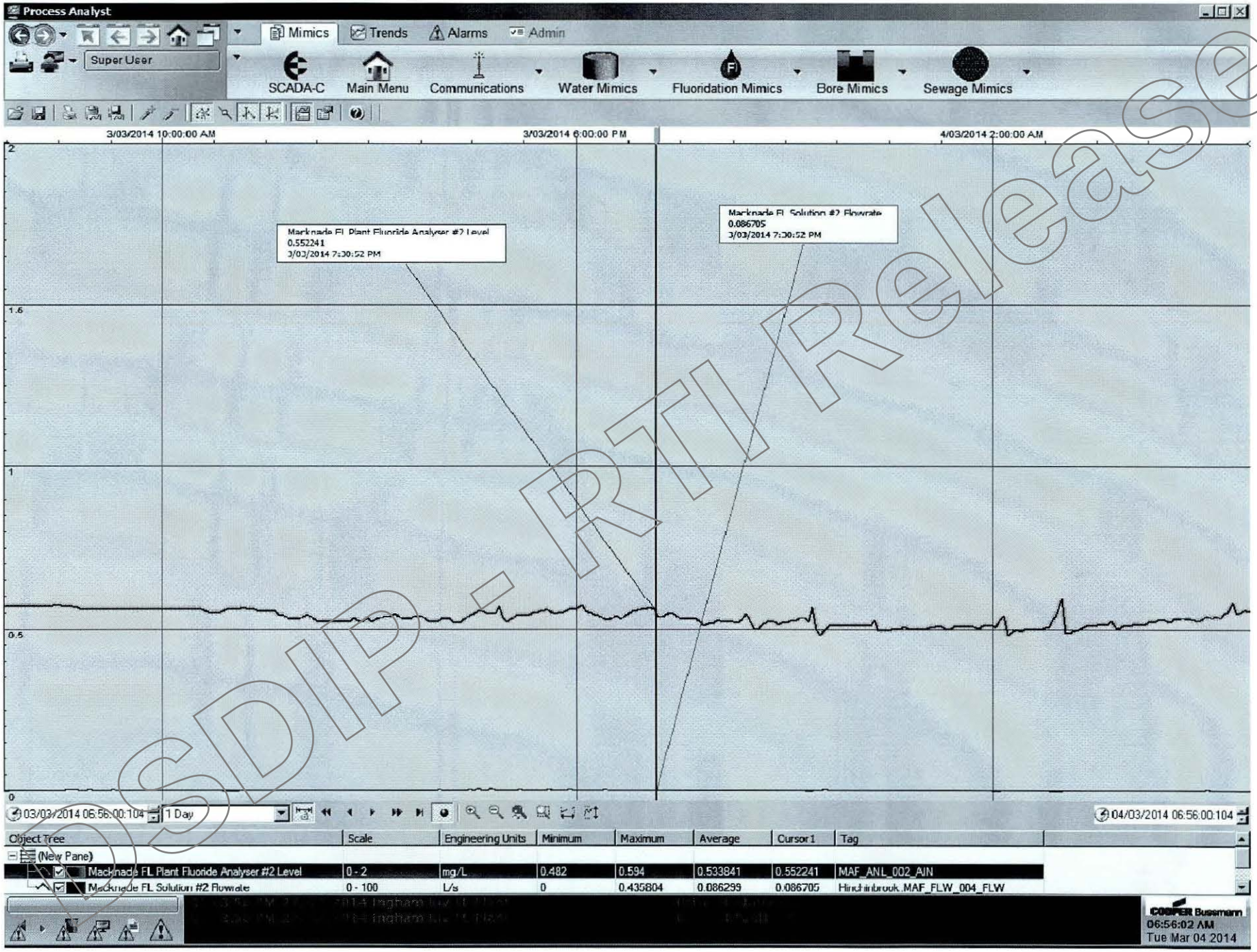

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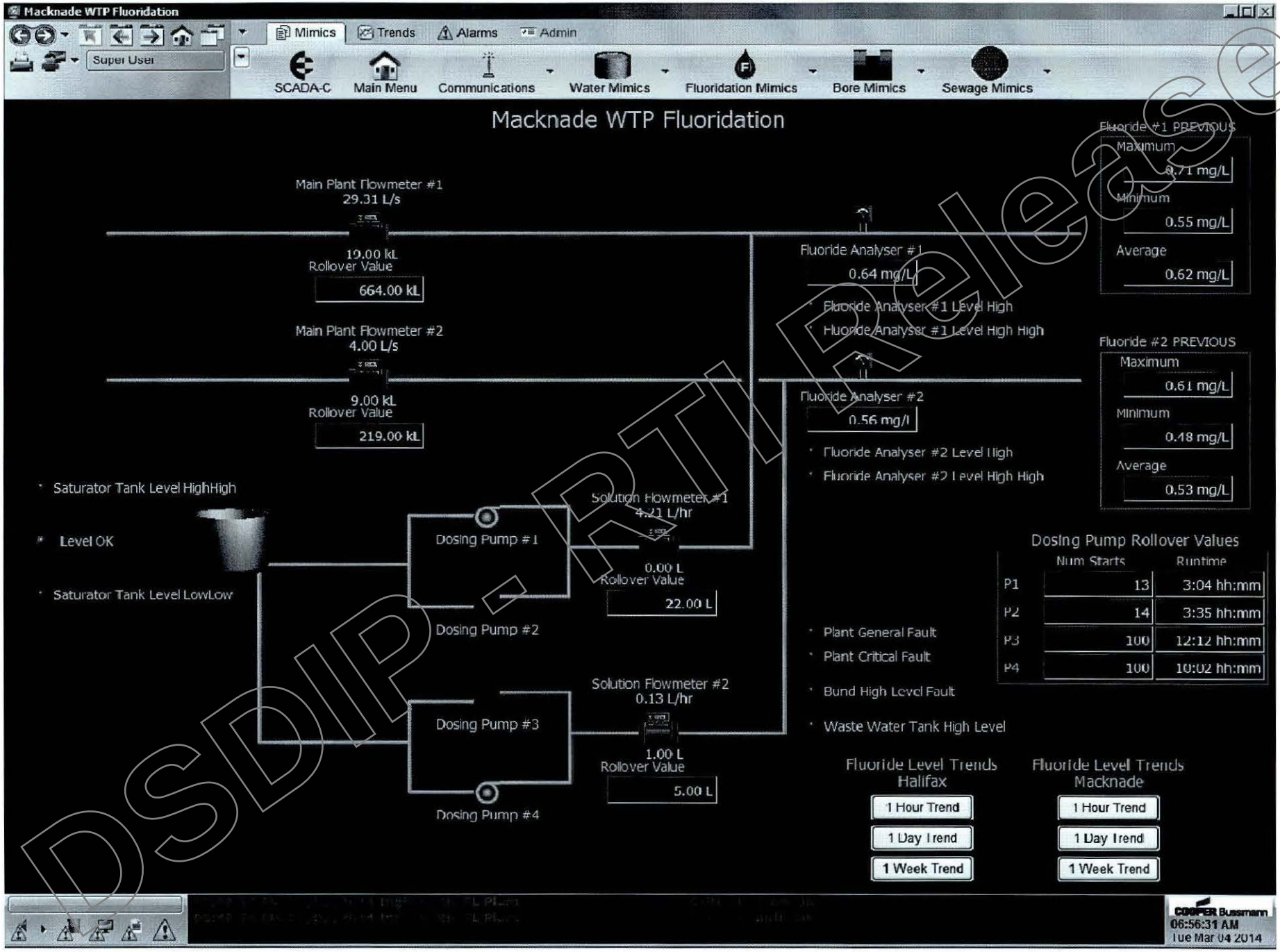

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HARRISON GRIERSON

Certificate of Practical Completion
(AS2124-1992)

Date	8 July 2013
Date of Issue	12 July 2013
Principal	Hinchinbrook Shire Council PO Box 366 **Ingham, QLD 4850**
Contract Title	Hinchinbrook Shire Council Fluoridation Project
Contract Details	1014-130589-01
Contractor	Paynter Dixon Queensland Pty Ltd PO Box 2491 **Milton, QLD 4006**

This is to certify that in accordance with clause 42.5 and 42.6 of AS2124-1992, the above named Contract Works have been inspected and qualified for a Practical Completion certificate on 8 July 2013.

Defects Liability and maintenance obligations, as detailed in the Contract documentation and AS2124-1992, commenced on this date and continue until 8 July 2014.

This certificate is issued subject to minor omissions and/or minor defects as **listed below* being corrected/completed within the time set by the Superintendent and without prejudicing the Principal's/occupier's convenient use of the contract works.

This certificate is issued in accordance with Clause 42.5 and 42.6 of the conditions of contract.

**Minor omissions and/or defects to be corrected:*

1. Refer attached Defects List dated 8 July 2013 - Contract No. 1014-130589-01 HSC0101 - Hinchinbrook SC Fluoridation (4 Pages).

Harrison Grierson Consultants Pty Limited

Sch. 4(4)(6)

Colin Cranfield
Contract Superintendent

Distribution

☑ Principal ☑ Contractor ☑ Engineer

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ISO9001 Quality Assured

DSDIP RTI Release

RTI Document No. 492

HINCHINBROOK SHIRE COUNCIL

Water Fluoridation Regulation 2008 Recording Requirements (Section 10)

Form 4D (Saturator Feed) Daily Record Sheet for Week Ending: 31/01/2014

Column 5 = Column 2 x Column 3 x Column 4 x 10 x Available Fluoride

Calculated Fluoride Concentration = Column 5 / Column 1 / 1000 + Background Fluoride

Background Fluoride = 0.06 mg/L

Available Fluoride = 0.455

W-F0013

	Day	Date	Time	Column 1 Water Treated (ML)	Column 2 Amount of fluoride solution added to water (L)	Column 3 Solution fluoride strength (g/100mL)	Column 4 Chemical Purity %	Column 5 Amount of fluoride ion added to water (g)	Fluoride concentration in treated water (mg/L)			Online Analyser		Maximum Fluoride (mg/L)	Minimum Fluoride (mg/L)	Average Fluoride (mg/L)	Additional Records		Operator Signature
									Calculated	Benchtop Measured	Online Analyser Measured	Temp (°C)	mV				Retic Sample No. 1	Retic Sample No. 2	
SCADA	Sat	25/01/2014	6:00 AM	0.984	14	4	98.53%	251.054	0.315					0.54	0.04	0.30	SP____	SP____	
Manual			8.45	0.60549	16.77	4	98.53%	300.727	0.556	0.596	0.49	28.1	147.8						
SCADA	Sun	26/01/2014	6:00 AM	0.878	10.	4	98.53%	179.324	0.264					0.55	0.04	0.21	SP____	SP____	
Manual			8.27	0.85987	7.19	4	98.53%	128.934	0.209	0.548	0.31	28.1	158.94						
SCADA	Mon	27/01/2014	6:00 AM	0.920	16	4	98.53%	286.99	0.341					0.52	0.04	0.26	SP____	SP____	
Manual			8.30	0.93044	18.41	4	98.53%	330.136	0.414	0.639	0.46	26.7	148.0						
SCADA	Tues	28/01/2014	6:00 AM	0.752	3	4	98.53%	53.797	0.131					0.55	0.03	0.11	SP____	SP____	
Manual			14.30	0.92305	5.41	4	98.53%	97.014	0.165	0.541	0.47	28.0	147.7						
SCADA	Wed	29/01/2014	6:00 AM	0.631	15	4	98.53%	268.986	0.486					0.53	0.03	0.43	SP____	SP____	
Manual			11.40	0.58802	16.55	4	98.53%	296.782	0.564	0.565	0.47	28.2	148.0						
SCADA	Thurs	30/01/2014	6:00 AM	0.699	20	4	98.53%	358.649	0.573					0.55	0.45	0.49	SP____	SP____	
Manual			11.10	0.65593	18.62	4	98.53%	333.902	0.569	0.596	0.49	27.2	146.8						
SCADA	Fri	31/01/2014	6:00 AM	0.579	16	4	98.53%	286.919	0.555					0.51	0	0.49	SP____	SP____	
Manual			15.10	0.6776	19.23	4	98.53%	344.841	0.568	0.573	0.50	29.1	146.7						

Water Supplier:	Hinchinbrook Shire Council SP62	**Name of Treatment Plant:**	Macknade WTP - Halifax Skid		Implementation Date: 05/08/2013 Current Revision: C
Fluoridation Chemical Used:	Sodium Fluoride (NaF)	**Name of Supplier:**	Orica Pty Ltd	**Manager:**	Water and Sewerage Manager

DSDIP RTI Release

RTI Document No. 493

HINCHINBROOK SHIRE COUNCIL

Water Fluoridation Regulation 2008 Recording Requirements (Section 10)

Form 4D (Saturator Feed) Daily Record Sheet for Week Ending: 07/02/2014

Column 5 = Column 2 x Column 3 x Column 4 x 10 x Available Fluoride

Calculated Fluoride Concentration = Column 5 / Column 1 / 1000 + Background Fluoride

Background Fluoride = 0.06 mg/L

Available Fluoride = 0.455

W-F0013

	Day	Date	Time	Column 1 Water Treated (ML)	Column 2 Amount of fluoride solution added to water (L)	Column 3 Solution fluoride strength (g/100mL)	Column 4 Chemical Purity %	Column 5 Amount of fluoride ion added to water (g)	Fluoride concentration in treated water (mg/L)			Online Analyser		Maximum Fluoride (mg/L)	Minimum Fluoride (mg/L)	Average Fluoride (mg/L)	Additional Records		Operator Signature
									Calculated	Benchtop Measured	Online Analyser Measured	Temp (°C)	mV				Retic Sample No. 1	Retic Sample No. 2	
SCADA	Sat	01/02/2014	6:00 AM	0.604	12.0	4	98.53%	825.189	0.416					0.58	0.04	0.34	SP___	SP___	
Manual			825A	0.45109	5.15	4	98.53%	92.352	0.264	0.418	0.31	28.1	158.4						
SCADA	Sun	02/02/2014	6:00 AM	0.773	19.0	4	98.53%	340.716	0.500					0.53	0.04	0.42	SP___	SP___	
Manual			925A	0.77100	21.55	4	98.53%	386.444	0.561	0.559	0.49	27.5	146.8						
SCADA	Mon	03/02/2014	6:00 AM	0.576	17	4	98.53%	324.85	0.589					0.59	0.43	0.49	SP___	SP___	DL
Manual			250	0.699	19.79	4	98.53%	354.88	0.508	0.567	0.47	25.6	150.0						
SCADA	Tues	04/02/2014	6:00 AM	576	16	4	98.53%	296.1	0.558					0.54	0.35	0.48	SP___	SP___	DL
Manual			2:30	0.572	11.09	4	98.53%	198.57	0.407	0.472	0.37	25.3	155.0						
SCADA	Wed	05/02/2014	6:00 AM	0.634	10	4	98.53%	179.32	0.342					0.57	0.04	0.27	SP___	SP___	DL
Manual			3:00	0.650	8.83	4	98.53%	158.34	0.303	0.492	0.36	27.0	154.7						
SCADA	Thurs	06/02/2014	6:00 AM	593	3.00	4	98.53%	53.79	0.150					0.56	0.04	0.12	SP 41	SP 51	
Manual			2:30	0.613	9.19	4	98.53%	164.79	0.328	0.583	0.47	26.7	140.8				0139	0124	DL
SCADA	Fri	07/02/2014	6:00 AM	0.615	16	4	98.53%	286.919	0.526					0.58	0.04	0.45	SP___	SP___	MJ
Manual			1510	0.61638	13.39	4	98.53%	240.115	0.449	0.0638	0.04	25.6	208.1						

Water Supplier:	Hinchinbrook Shire Council SP62	**Name of Treatment Plant:**	Macknade WTP - Halifax Skid		Implementation Date: 05/08/2013 Current Revision: C
Fluoridation Chemical Used:	Sodium Fluoride (NaF)	**Name of Supplier:**	Orica Pty Ltd	**Manager:**	Water and Sewerage Manager

O:\Water and Sewerage\New Water & Sewerage\Water\Operation & Maintenance\W-F0013_Fluoride Daily Record Sheet

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RTI Document No. 494

HINCHINBROOK SHIRE COUNCIL

Water Fluoridation Regulation 2008 Recording Requirements (Section 10)

Form 4D (Saturator Feed) Daily Record Sheet for Week Ending: 25/10/2013

Column 5 = Column 2 x Column 3 x Column 4 x 10 x Available Fluoride

Calculated Fluoride Concentration = Column 5 / Column 1 / 1000 + Background Fluoride

Background Fluoride = 0.06 mg/L

Available Fluoride = 0.455

W-F0013

	Day	Date	Time	Column 1 Water Treated (ML)	Column 2 Amount of fluoride solution added to water (L)	Column 3 Solution fluoride strength (g/100mL)	Column 4 Chemical Purity %	Column 5 Amount of fluoride ion added to water (g)	Fluoride concentration in treated water (mg/L)			Online Analyser		Maximum Fluoride (mg/L)	Minimum Fluoride (mg/L)	Average Fluoride (mg/L)	Additional Records		Operator Signature
									Calculated	Benchtop Measured	Online Analyser Measured	Temp (°C)	mV				Retic Sample No. 1	Retic Sample No. 2	
SCADA	Sat	19/10/2013	6:00 AM	0.306	7	4	98.53%	125.52	047					081	005	0.43	SP____	SP____	
Manual			820	0.249	4.30	4	98.53%	77.10	0.36	0472	046	26.2	143.3						OL
SCADA	Sun	20/10/2013	6:00 AM	0.278	2	4	98.53%	35.80	0.18					078	005	027	SP____	SP____	
Manual			820	0.269	1.77	4	98.53%	31.74	0.127	0613	063	26.4	142.8						OL
SCADA	Mon	21/10/2013	6:00 AM	0.226	1.0	4	98.53%	17.93	0.139					080	005	0.30	SP____	SP____	
Manual			2.30	0.294	1.39	4	98.53%	24.92	0.144	0654	6.3	26.8	144.8						DL
SCADA	Tues	22/10/2013	6:00 AM	0.226	0	4	98.53%	0.060	0.06					0.67	0.04	0.18	SP____	SP____	
Manual			1435	0.2146	1.09	4	98.53%	19.546	0.151	0.504	0.37	26.8	148.8						ny
SCADA	Wed	23/10/2013	6:00 AM	0.208	1	4	98.53%	17.932	0.146					0.79	0.05	0.24	SP____	SP____	
Manual			1626	0.25892	0.61	4	98.53%	10.938	0.102	0.681	0.51	27.0	141.0						ny
SCADA	Thurs	24/10/2013	6:00 AM	0.266	3	4	98.53%	53.797	0.262					0.77	0.05	0.24	SP 1	SP 52	ny
Manual			16.05	0.2839	2.56	4	98.53%	45.907	0.231	0.611	0.55	27.2	138.7				0349	0.258	
SCADA	Fri	25/10/2013	6:00 AM	0.262	2	4	98.53%	35.864	0.196					0.84	0.05	0.18	SP____	SP____	
Manual			645	0.25286	1.35	4	98.53%	24.208	0.155	0.644	0.53	27.3	139.1						ny

Water Supplier:	Hinchinbrook Shire Council SP62	**Name of Treatment Plant:**	Macknade WTP - Macknade Skid		Implementation Date: 05/08/2013 Current Revision: C
Fluoridation Chemical Used:	Sodium Fluoride (NaF)	**Name of Supplier:**	Orica Pty Ltd	**Manager:**	Water and Sewerage Manager

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RTI Document No. 495

HINCHINBROOK SHIRE COUNCIL

Water Fluoridation Regulation 2008 Recording Requirements (Section 10)

Form 4D (Saturator Feed) Daily Record Sheet for Week Ending: 01/11/2013

Column 5 = Column 2 x Column 3 x Column 4 x 10 x Available Fluoride

Calculated Fluoride Concentration = Column 5 / Column 1 / 1000 + Background Fluoride

Background Fluoride = 0.06 mg/L

Available Fluoride = 0.455

W-F0013

	Day	Date	Time	Column 1 Water Treated (ML)	Column 2 Amount of fluoride solution added to water (L)	Column 3 Solution fluoride strength (g/100mL)	Column 4 Chemical Purity %	Column 5 Amount of fluoride ion added to water (g)	Fluoride concentration in treated water (mg/L)			Online Analyser		Maximum Fluoride (mg/L)	Minimum Fluoride (mg/L)	Average Fluoride (mg/L)	Additional Records		Operator Signature
									Calculated	Benchtop Measured	Online Analyser Measured	Temp (°C)	mV				Retic Sample No. 1	Retic Sample No. 2	
SCADA	Sat	26/10/2013	6:00 AM	0.305	2	4	98.53%	35.86	0.20					0.76	0.05	0.24	SP____	SP____	
Manual			7.45am	0.223	1.73	4	98.53%	31.02	0.21	0.697	0.47	26	142.3						
SCADA	Sun	27/10/2013	6:00 AM	0.303	1	4	98.53%	17.93	0.11					0.70	0.05	0.17	SP____	SP____	
Manual			9.00	0.30041	0.53	4	98.53%	9.504	0.091	0.666	0.47	26.4	1.430						
SCADA	Mon	28/10/2013	6:00 AM	0.349	3	4	98.53%	53.79	0.214					0.77	0.05	0.28	SP____	SP____	
Manual			3.00	0.449	4.01	4	98.53%	79.90	0.220	0.74	0.69	27.1	1350						
SCADA	Tues	29/10/2013	6:00 AM	0.349	5	4	98.53%	89.662	0.360					0.76	0.05	0.30	SP____	SP____	
Manual			14.50	03242	4.82	4	98.53%	86.434	0.326	0.727	0.47	27.3	143.6						
SCADA	Wed	30/10/2013	6:00 AM	0.264	3.0	4	98.53%	53.79	0.263					0.82	0.05	0.24	SP____	SP____	
Manual			2.00	0.262	1.87	4	98.53%	35.53	0.187	0.721	0.57	27.2	136.8						
SCADA	Thurs	31/10/2013	6:00 AM	0.331	3.0	4	98.53%	53.79	0.272					0.75	0.05	0.25	SP 01	SP 02	
Manual			2.00	0.358	9.59	4	98.53%	171.97	0.50	0.798	0.73	27.1	137.8				0.37	0.78	
SCADA	Fri	01/11/2013	6:00 AM	0.330	12	4	98.53%	215.189	0.626					0.78	0.05	0.56	SP____	SP____	
Manual			5.07	0.36043	10.56	4	98.53%	189.366	0.585	0.163	0.20	27.2	164.4						

Water Supplier:	Hinchinbrook Shire Council SP62	**Name of Treatment Plant:**	Macknade WTP - Macknade Skid
Fluoridation Chemical Used:	Sodium Fluoride (NaF)	**Name of Supplier:**	Orica Pty Ltd

Implementation Date: 05/08/2013
Current Revision: C

Manager: Water and Sewerage Manager

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RTI Document No. 496

Simmonds & Bristow Pty Ltd

The Regional and Remote Water Specialist

Statement of Attainment

A Statement of Attainment is issued when an individual has completed one or more accredited units

This is a statement that

Austin Charles Zupp

Student Number: S01292

Has attained

CODE	TITLE OF THE UNIT(S) OF COMPETENCY
NWP276A	Monitor, operate and report fluoridation processes

Dated 17th June 2013

Sch. 4(4)(6)

Sch. 4(4)(6)

David Bristow ***B.E.(Chem),MIEAUST,RPEQ,AFAIM***
Managing Director
Simmonds & Bristow Pty Ltd

Michael Dobell-Brown
Trainer/Assessor
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RTI Document No. 497

Simmonds & Bristow Pty Ltd

The Regional and Remote Water Specialist

Statement of Attainment

A Statement of Attainment is issued when an individual has completed one or more accredited units

This is a statement that

Daniel Ethian Brown

Student Number: S01205

Has attained

CODE	TITLE OF THE UNIT(S) OF COMPETENCY
NWP276A	Monitor, operate and report fluoridation processes

Dated 17th June 2013

Sch. 4(4)(6)

Sch. 4(4)(6)

David Bristow *B.E.(Chem),MIEAUST,RPEQ,AFAIM*
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DSDIP / RTI Release

RTI Document No. 498

HINCHINBROOK SHIRE COUNIL

Water Fluoridation

Ingham Sites - Standard Operation Procedure

May 2013
HG Project No. 8010-800955-01
HG Document No. R005v1-BR800955-01

DSDIP - RTI Release

RTI Document No. 499

HARRISON GRIERSON CONSULTANTS LIMITED

Document Control Record

Client	HINCHINBROOK SHIRE COUNIL
Project	Water Fluoridation
HG Project No.	8010-800955-01
HG Document No.	R005v1-BR800955-01
Document	Ingham Sites - Standard Operation Procedure

ISSUE AND REVISION RECORD

Date of Issue	May 2013
Status	Rev 1 Draft – Commissioning Issue
Originator	..... Ian Ho - Senior Process Engineer/Associate
Reviewed	..... Nicola Smalberger – Process Engineer Peter Martin – Hinchinbrook SC W&S Manager
Approved for Issue	..... Colin Cranfield - Director

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DSDIP - RTI Release

RTI Document No. 500

HINCHINBROOK SHIRE COUNIL

Water Fluoridation

Ingham Sites - Standard Operation Procedure

May 2013
HG Project No. 8010-800955-01
HG Document No. R005v1-BR800955-01

CONTENTS

		Page
1.0	**INTRODUCTION**	**1**
1.1	DOCUMENT LAYOUT	1
1.2	HEALTH AND SAFETY	2
1.3	RESPONSIBILITIES	3
2.0	**FLUORIDATION SYSTEM DESCRIPTION**	**4**
2.1	SODIUM FLUORIDE	4
2.2	SYSTEM SET-UP	5
2.3	FLUORIDATION PANEL – INDICATOR LIGHTS AND BUTTONS	7
2.4	FLUORIDATION PANEL – HMI DISPLAY	10
2.5	INGHAM DEPOT WTP FLUORIDE DOSING SETUP	10
2.6	INGHAM RIVER PS FLUORIDE DOSING SET-UP	10
2.7	TELEMETRY AND CRITICAL ALARMS	12
3.0	**OPERATING PROCEDURE**	**13**
3.1	DAILY TASK LIST	13
3.2	TWICE WEEKLY ROUTINE	14
3.3	WEEKLY ROUTINE	14
3.4	FORTNIGHTLY ROUTINE	14
3.5	MONTHLY ROUTINE	15
3.6	BIMONTHLY ROUTINE	15
3.7	INFREQUENT MAINTENANCE INSPECTION	16
4.0	**MONITORING PROCEDURE**	**17**
4.1	ONLINE FLUORIDE ANALYSER	17
4.2	DAILY QUALITY SAMPLE COLLECTION	18
4.3	RETICULATION SAMPLE COLLECTION	19
4.4	MONTHLY VERIFICATION SAMPLES	20
4.5	ADDITIONAL SAMPLES	20
4.6	ENTERING TEST RESULTS INTO LOGSHEET	20
5.0	**EMERGENCY RESPONSES**	**21**
5.1	CHEMICAL SPILLAGE	21
5.2	OVERDOSING	22
5.2.1	Online Fluoride Level Exceeds 0.9mg/L	23
5.2.2	Treated Water Sample Fluoride Level Exceeds 1.5mg/L	24

DSDIP Part Release

RTI Document No. 501

5.2.3 Treated Water Sample Fluoride Level Exceeds 0.9mg/L 25
5.2.4 Reticulation Sample Fluoride Level Exceeds 0.9mg/L 25
5.2.5 External Fluoride Test Results Exceeding 0.9mg/L 26
5.3 FLUORIDE TEST RESULTS INCONSISTENCY 26
5.4 POWER OUTAGE 27
6.0 RECORD KEEPING AND REPORTING 27
6.1 RECORD KEEPING AND AUDITING 27
6.2 NON-OPERATIONAL REPORT 27
6.3 QUARTERLY REPORT 27
7.0 LIMITATIONS 28
7.1 GENERAL 28
7.2 REVISION CONTROL 28

APPENDICES

Appendix 1 Sodium Fluoride Chemical Safety Data Sheet
Appendix 2 Fluoridation Panel HMI Display Explanation
Appendix 3 Fluoridation System Logsheet (prepared by HSC)
Appendix 4 Emergency Response Flowchart
Appendix 5 Benchtop Fluoride Analyser Calibration Steps
Appendix 6 Online Fluoride Analyser Calibration Steps from Prominent Manual
Appendix 7 Siemens As-constructed Functional Description
Appendix 8 Fluoridation Code of Practice Form 2 (Non-operational)
Appendix 9 Fluoridation Code of Practice Form 2 (Quarterly Report)

DRAWINGS

Refer to separate volume of "As-Constructed" Drawing Set.

DSDIP Draft Release

RTI Document No. 502

HINCHINBROOK SHIRE COUNIL

Water Fluoridation

Halifax, Macknade and Forrest Beach WTPs - Standard Operation Procedure

May 2013
HG Project No. 8010-800955-01
HG Document No. R005v1-BR800955-01

DSDIP - RTI Release

RTI Document No. 503

HARRISON GRIERSON CONSULTANTS LIMITED

Document Control Record

Client	HINCHINBROOK SHIRE COUNIL
Project	Water Fluoridation
HG Project No.	8010-800955-01
HG Document No.	R005v1-BR800955-01
Document	Halifax, Macknade and Forrest Beach - Standard Operation Procedure

ISSUE AND REVISION RECORD

Date of Issue	May 2013
Status	Rev 1 Draft – Commissioning Issue
Originator	Ian Ho - Senior Process Engineer/Associate
Reviewed	Nicola Smalberger – Process Engineer Peter Martin – Hinchinbrook SC W&S Manager
Approved for Issue	Colin Cranfield - Director

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DSDIP - RTI Release

RTI Document No. 504

HINCHINBROOK SHIRE COUNIL

Water Fluoridation

Halifax, Macknade and Forrest Beach - Standard Operation Procedure

May 2013
HG Project No. 8010-800955-01
HG Document No. R005v1-BR800955-01

CONTENTS

		Page
1.0	**INTRODUCTION**	**1**
1.1	DOCUMENT LAYOUT	1
1.2	HEALTH AND SAFETY	2
1.3	RESPONSIBILITIES	3
2.0	**FLUORIDATION SYSTEM DESCRIPTION**	**4**
2.1	SODIUM FLUORIDE	4
2.2	SYSTEM SET-UP	5
2.3	FLUORIDATION PANEL – INDICATOR LIGHTS AND BUTTONS	7
2.4	FLUORIDATION PANEL – HMI DISPLAY	9
2.5	INGHAM DEPOT WTP FLUORIDE DOSING SETUP	9
2.6	INGHAM RIVER PS FLUORIDE DOSING SET-UP	10
2.7	TELEMETRY AND CRITICAL ALARMS	15
3.0	**OPERATING PROCEDURE**	**16**
3.1	DAILY TASK LIST	16
3.2	TWICE WEEKLY ROUTINE	17
3.3	WEEKLY ROUTINE	17
3.4	FORTNIGHTLY ROUTINE	17
3.5	MONTHLY ROUTINE	18
3.6	BIMONTHLY ROUTINE	18
3.7	INFREQUENT MAINTENANCE INSPECTION	18
4.0	**MONITORING PROCEDURE**	**20**
4.1	ONLINE FLUORIDE ANALYSER	20
4.2	DAILY QUALITY SAMPLE COLLECTION	21
4.3	RETICULATION SAMPLE COLLECTION	22
4.4	MONTHLY VERIFICATION SAMPLES	23
4.5	ADDITIONAL SAMPLES	23
4.6	ENTERING TEST RESULTS INTO LOGSHEET	23
5.0	**EMERGENCY RESPONSES**	**24**
5.1	CHEMICAL SPILLAGE	24
5.2	OVERDOSING	25
5.2.1	Online Fluoride Level Exceeds 0.9mg/L	26

Draft Release DSDIP

RTI Document No. 505

5.2.2 Treated Water Sample Fluoride Level Exceeds 1.5mg/L 27
5.2.3 Treated Water Sample Fluoride Level Exceeds 0.9mg/L 28
5.2.4 Reticulation Sample Fluoride Level Exceeds 0.9mg/L 28
5.2.5 External Fluoride Test Results Exceeding 0.9mg/L 29
5.3 FLUORIDE TEST RESULTS INCONSISTENCY 29
5.4 POWER OUTAGE 30
6.0 RECORD KEEPING AND REPORTING 30
6.1 RECORD KEEPING AND AUDITING 30
6.2 NON-OPERATIONAL REPORT 30
6.3 QUARTERLY REPORT 30
7.0 LIMITATIONS 31
7.1 GENERAL 31
7.2 REVISION CONTROL 31

APPENDICES

Appendix 1 Sodium Fluoride Chemical Safety Data Sheet
Appendix 2 Fluoridation Panel HMI Display Explanation (Awaiting Siemens)
Appendix 3 Fluoridation System Logsheet (prepared by HSC)
Appendix 4 Emergency Response Flowchart
Appendix 5 Benchtop Fluoride Analyser Calibration Steps
Appendix 6 Online Fluoride Analyser Calibration Steps from Prominent Manual
Appendix 7 Siemens As-constructed Functional Description
Appendix 8 Fluoridation Code of Practice Form 2 (Non-operational)
Appendix 9 Fluoridation Code of Practice Form 2 (Quarterly Report)

DRAWINGS

Refer to separate volume of "As-Constructed" Drawing Set.

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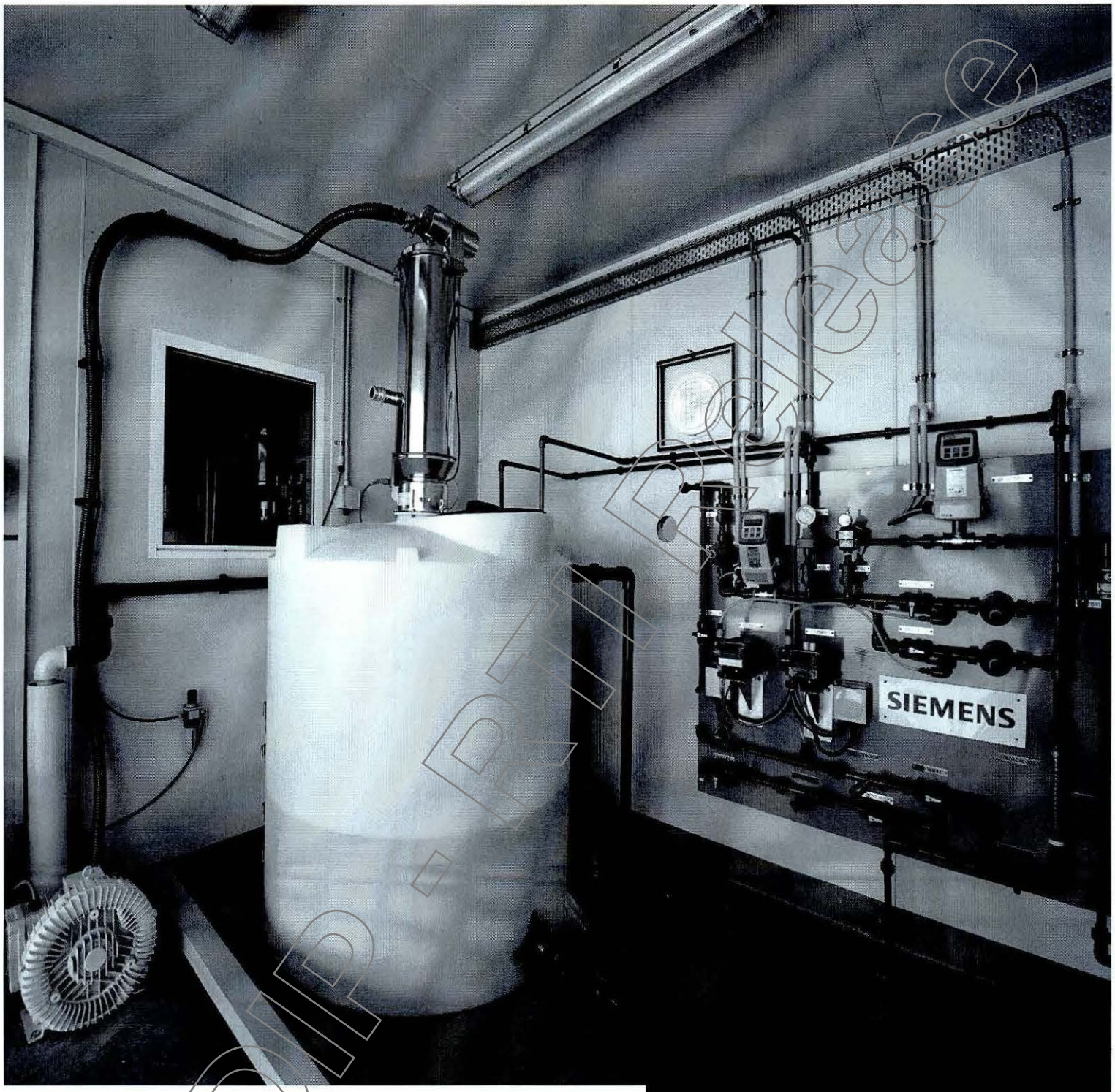
www.siemens.com



Sodium Fluoride Dosing System:

Sodium Fluoride Saturator & Dosing Skid System for Hinchinbrook Shire Council

Operation and Maintenance Manual
Ref: 15012-OM-001

SIEMENS

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RTI Document No. 507

[redacted]

SIEMENS

Hinchinbrook
Fluoridation Project

Sodium Fluoride Saturator & Dosing Skid System
Operation and Maintenance Manual

Revision 0

Supplied to:
Hinchinbrook Shire Council

Congratulations on your selection of this Siemens Water Technologies product. In choosing Siemens Water Technologies, you have selected components and systems that are engineered to give you superior dependability and performance, combining advanced technology, functional design and high quality craftsmanship.

Our commitment to quality is equalled only by our commitment to customer

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Customer Service Contact Information

For customer service, please record your equipment and serial number details and direct your enquiry to:

Siemens Ltd, Water Technologies
ABN 98 004 347 880

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Macquarie Park
NSW, 2113
Australia

Phone: +61 (02) 9491 5425
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Document Revision Status

Document Name	Issue	Date of Issue	Prepared	Checked
Operation Manual	0	10th January 2013	Takuma Abe	Edina Aganovic

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Warnings

Use of the supplied equipment must be strictly in accordance with this manual. Users are especially alerted to any safety requirements herein.

Warning

Warnings related to safety hazards are placed in boxes like this.

Hazard

Bio-hazard warnings are placed in boxes like this.

Stop

Very important safety warnings are placed in boxes like this. Serious injury or death, or damage to equipment will occur if this note is not headed.

Note

Other important information are highlighted in boxes like this.

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RTI Document No. 510

Table of Contents

1.0 INTRODUCTION 1

1.1 PRE-AMBLE 1
1.2 PURPOSE AND LIMITATIONS OF THE MANUAL 1

2.0 CHEMICAL DOSING– PLANT SAFETY 2

2.1 INTRODUCTION 2
2.2 SAFETY HAZARDS 2
2.3 CHEMICALS 2
2.3.1 Safety Showers 3
2.3.2 Safety Precautions 3
2.3.3 Spillage 3
2.4 EQUIPMENT 4
2.5 ELECTRICAL EQUIPMENT 4
2.5.1 Precautions 4
2.5.2 Work on or near Installations 5
2.6 FIRE HAZARDS 5
2.7 SAFETY EQUIPMENT 6
2.7.1 First Aid Material 6
2.7.2 Protective Safety Equipment 6
2.8 HOUSE KEEPING 6

3.0 CHEMICAL PREPARATION & DOSING SYSTEMS 8

3.1 SODIUM FLUORIDE: SPECIFIC DETAILS 8
3.1.1 Dosing process 8
3.1.2 Chemical Supply 8
3.1.3 System Performance 8
3.1.4 Drawings 8

4.0 EQUIPMENT 9

4.1 RPZ & SERVICE WATER MAKE-UP BOARD 9
4.2 VACUUM BAG UNLOADER (INGHAM RIVER AND RIVER DEPOT SITES ONLY) 9
4.3 SATURATOR TANK 9
4.3.1 Ingham River and River Depot Site 9
4.3.2 Halifax, Forrest Beach, & Macknade WWTP 10
4.4 CONTAINMENT TANK (WATER TRAP) INGHAM RIVER AND RIVER DEPOT WWTP 10
4.5 DOSING PANEL 10
4.5.1 Skid Frame 10
4.5.2 Suction Pipework 10
4.5.3 Discharge Pipework 11
4.5.4 Metering Pumps 11
4.5.5 Safety Relief Valve 11
4.5.6 Pulsation Dampener 12
4.5.7 Pressure Indicator and gauge guard 12
4.5.8 Back Pressure Valve 12
4.5.9 Flowmeter 12
4.5.10 Fluoride Analyser 12

5.0 INSTALLATION, TESTING AND COMMISSIONING 13

5.1 GENERAL INSTALLATION 13
5.2 INSTALLATION OF NEW EQUIPMENT 13

DSDR RTI Release

RTI Document No. 511

5.3 TESTING REQUIREMENTS 14
5.4 CHEMICAL DOSAGE 14
5.5 TESTING AND PRE-COMMISSIONING 16
5.5.1 Dosing Pump Test – Pre-commissioning 16

6.0 OPERATING INSTRUCTIONS 18

6.1 CHECKS BEFORE STARTING 18
6.2 STARTING 18
6.3 CONTINUOUS OPERATION 18
6.3.1 Regular Dosing 18
6.3.2 Calibration drop tests 19
6.3.3 Flushing 19
6.3.4 Duty/Standby change-over 19
6.4 STOPPING 19

7.0 MAINTENANCE 20

7.1 TANK CLEANING 20
7.2 ROUTINE MAINTENANCE 20
7.3 REPAIR AND OVERHAULING 22
7.4 TROUBLESHOOTING 22
7.5 RECOMMENDED SPARES LIST 23

8.0 DRAWINGS AND EQUIPMENT DOCUMENTATION 24

9.0 VENDOR MANUALS, ITP'S AND EQUIPMENT DATA - CONTENTS 26

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HINCHINBROOK SHIRE COUNCIL

Macknade WTP Fluoridation Facilities

Operations and Maintenance Manual

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SWITCHBOARDS
electrical switchboard design, manufacture & installation

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CONTENTS

Fluoride Plant

1.0 System Description ..... 2 Page

2.0 Equipment Schedules
2.1 Equipment Schedule ..... 2 Pages
2.2 Suppliers ..... 1 Pages

3.0 Equipment Supplied by JM Switchboards
3.1 Circuit Breakers ..... 21 Pages
3.2 Surge Diverter ..... 1 Page
3.3 Contactor, Selector Switches and Emergency Lighting Test Unit. ..... 11 Pages
3.4 Power and Light fittings ..... 9 Pages
3.5 Exhaust Fan, Vent & Cover ..... 2 Pages
3.6 Level Floats & Flow Switch ..... 27 Pages
3.7 Distribution Board & Enclosures ..... 4 Pages
3.8 JMS Drawings ..... 4 Pages
3.9 Test Certificates ..... 11 Pages

4.0 Flowmeters ..... 101 Pages

5.0 Security System ..... 63 Pages

6.0 Airconditioners ..... 41 Pages

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RTI Document No. 515

HINCHINBROOK SHIRE COUNCIL

Ingham River Fluoridation Facilities

Operations and Maintenance Manual

DSDIP - RTI Release

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CONTENTS

Fluoride Plant

1.0 System Description ..... 2 Page

2.0 Equipment Schedules
2.1 Equipment Schedule ..... 2 Pages
2.2 Suppliers ..... 1 Pages

3.0 Equipment Supplied by JM Switchboards
3.1 Circuit Breakers ..... 21 Pages
3.2 Surge Diverter ..... 1 Page
3.3 Contactor, Selector Switches and Emergency Lighting Test Unit. ..... 11 Pages
3.4 Power and Light fittings ..... 9 Pages
3.5 Exhaust Fan, Vent & Cover ..... 2 Pages
3.6 Level Floats & Flow Switch ..... 27 Pages
3.7 Distribution Board & Enclosures ..... 4 Pages
3.8 JMS Drawings ..... 4 Pages
3.9 Test Certificates ..... 11 Pages

4.0 Flowmeters ..... 101 Pages

5.0 Security System ..... 63 Pages

6.0 Airconditioners ..... 41 Pages

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RTI Document No. 518

HINCHINBROOK SHIRE COUNCIL

Ingham Depot Fluoridation Facilities

Operations and Maintenance Manual

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CONTENTS

Fluoride Plant

1.0 System Description ..... 2 Page

2.0 Equipment Schedules
2.1 Equipment Schedule ..... 2 Pages
2.2 Suppliers ..... 1 Pages

3.0 Equipment Supplied by JM Switchboards
3.1 Circuit Breakers ..... 21 Pages
3.2 Surge Diverter ..... 1 Page
3.3 Contactor, Selector Switches and Emergency Lighting Test Unit. ..... 11 Pages
3.4 Power and Light fittings ..... 9 Pages
3.5 Exhaust Fan, Vent & Cover ..... 2 Pages
3.6 Level Floats & Flow Switch ..... 27 Pages
3.7 Distribution Board & Enclosures ..... 4 Pages
3.8 JMS Drawings ..... 4 Pages
3.9 Test Certificates ..... 11 Pages

4.0 Flowmeters ..... 101 Pages

5.0 Security System ..... 63 Pages

6.0 Airconditioners ..... 41 Pages

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RTI Document No. 521

HINCHINBROOK SHIRE COUNCIL

Halifax WTP Fluoridation Facilities

Operations and Maintenance Manual

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CONTENTS

Fluoride Plant

1.0 System Description ..... 2 Page

2.0 Equipment Schedules
2.1 Equipment Schedule ..... 2 Pages
2.2 Suppliers ..... 1 Pages

3.0 Equipment Supplied by JM Switchboards
3.1 Circuit Breakers ..... 21 Pages
3.2 Surge Diverter ..... 1 Page
3.3 Contactor, Selector Switches and Emergency Lighting Test Unit. ..... 11 Pages
3.4 Power and Light fittings ..... 9 Pages
3.5 Exhaust Fan, Vent & Cover ..... 2 Pages
3.6 Level Floats & Flow Switch ..... 27 Pages
3.7 Distribution Board & Enclosures ..... 4 Pages
3.8 JMS Drawings ..... 4 Pages
3.9 Test Certificates ..... 11 Pages

4.0 Flowmeters ..... 101 Pages

5.0 Security System ..... 63 Pages

6.0 Airconditioners ..... 41 Pages

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RTI Document No. 524

HINCHINBROOK SHIRE COUNCIL

Forest Beach WTP Fluoridation Facilities

Operations and Maintenance Manual

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CONTENTS

Fluoride Plant

1.0 System Description ..... 2 Page

2.0 Equipment Schedules
2.1 Equipment Schedule ..... 2 Pages
2.2 Suppliers ..... 1 Pages

3.0 Equipment Supplied by JM Switchboards
3.1 Circuit Breakers ..... 21 Pages
3.2 Surge Diverter ..... 1 Page
3.3 Contactor, Selector Switches and Emergency Lighting Test Unit. ..... 11 Pages
3.4 Power and Light fittings ..... 9 Pages
3.5 Exhaust Fan, Vent & Cover ..... 2 Pages
3.6 Level Floats & Flow Switch ..... 27 Pages
3.7 Distribution Board & Enclosures ..... 4 Pages
3.8 JMS Drawings ..... 4 Pages
3.9 Test Certificates ..... 11 Pages

4.0 Flowmeters ..... 101 Pages

5.0 Security System ..... 63 Pages

6.0 Airconditioners ..... 41 Pages

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RTI Document No. 527

PAYNTER DIXON
BUILDING YOUR BUSINESS

Ref: HSC0101
Enq: MC
Ph: 0409 620 342

CERTIFICATE OF CONFORMANCE
HINCHINBROOK FLUORIDATION PLANTS

With reference to the above project, we confirm the following:

1. The project has been installed in accordance with the construction documentation and specification, with changes noted in marked drawings and the as-constructed documentation
2. All inspections and tests have been completed in accordance with the submitted Quality Plan and Commissioning Plan
3. The installation complies with all relevant Australian Standards

Sch. 4(4)(6)

Matt Cassidy – Project Manager
For and on behalf of
PAYNTER DIXON QUEENSLAND PTY LTD

DSDIP - RTI Release

RTI Document No. 528

PAYNTER DIXON QUEENSLAND PTY LTD
ABN: 32 060 951 162

PAYNTER DIXON
BUILDING YOUR BUSINESS

CLIENT: Hinchinbrook Shire Council
25 Lannercost Street, Ingham, Q4850

DATE: 08-July-2013

PROJECT: Fluoridation Plants - HSC0101

CLAIM No: 9 - Works completed to 30 June, 2013

DISCIPLINE	Original	Previous % Completed	% Completed	Value Completed
1.1 PRELIMINARIES				
2.1.1.1 Preliminaries	337,690	100%	100%	337,690
2.1.1.2 Supervision and Labour	386,171	100%	100%	386,171
Sub Total Preliminaries:	***723,861***			***723,861***
1.2 INGHAM DEPOT TREATMENT PLANT				
2.1.2.1 - Site Works	10,192	100%	100%	10,192
2.1.2.2 - Earthworks	28,191	100%	100%	28,191
2.1.2.3 - Access Work	16,660	100%	100%	16,660
2.1.2.4 - Restoration	5,593	100%	100%	5,593
2.1.2.5 - Fluoridation Building	148,522	100%	100%	148,522
2.1.2.6 - Pipework	40,165	100%	100%	40,165
2.1.2.7 - Miscellaneous	6,987	100%	100%	6,987
Sub Total Trades - Ingham Depot Treatment Plant:	***256,310***			***256,310***
1.3 INGHAM RIVER PUMP STATION TREATMENT PLANT				
2.1.3.1 - Site Works	10,558	100%	100%	10,558
2.1.3.2 - Earthworks	10,814	100%	100%	10,814
2.1.3.3 - Roadworks	14,526	100%	100%	14,526
2.1.3.4 - Restoration	5,593	100%	100%	5,593
2.1.3.5 - Fluoridation Building	147,236	100%	100%	147,236
2.1.3.6 - Pipework	76,055	100%	100%	76,055
2.1.3.7 - Miscellaneous	25,693	100%	100%	25,693
Sub Total Trades - Ingham River PS Treatment Plant:	***290,475***			***290,475***
1.4 HALIFAX TREATMENT PLANT				
2.1.4.1 - Site Works	11,375	100%	100%	11,375
2.1.4.2 - Earthworks	8,540	100%	100%	8,540
2.1.4.3 - Restoration	5,593	100%	100%	5,593
2.1.4.4 - Fluoridation Building	120,318	100%	100%	120,318
2.1.4.5 - Pipework	21,643	100%	100%	21,643
2.1.4.6 - Miscellaneous	7,089	100%	100%	7,089
Sub Total Trades - Halifax Treatment Plant:	***174,558***			***174,558***
1.5 MACKNADE TREATMENT PLANT				
2.1.5.1 - Site Works	10,192	100%	100%	10,192
2.1.5.2 - Earthworks	8,540	100%	100%	8,540
2.1.5.3 - Restoration	5,593	50%	100%	5,593
2.1.5.4 - Fluoridation Building	120,329	100%	100%	120,329
2.1.5.5 - Pipework	28,957	100%	100%	28,957
2.1.5.6 - Miscellaneous	3,490	100%	100%	3,490
Sub Total Trades - Macknade Treatment Plant:	***177,101***			***177,101***
1.6 FORREST BEACH TREATMENT PLANT				
2.1.6.1 - Site Works	11,763	100%	100%	11,763
2.1.6.2 - Earthworks	11,666	100%	100%	11,666
2.1.6.3 - Restoration	5,593	100%	100%	5,593
2.1.6.4 - Fluoridation Building	156,576	100%	100%	156,576
2.1.6.5 - Pipework	57,120	100%	100%	57,120
2.1.6.6 - Miscellaneous	3,490	100%	100%	3,490
Sub Total Trades - Forrest Beach Treatment Plant:	***246,208***			***246,208***

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RTI Document No. 529

PAYNTER DIXON QUEENSLAND PTY LTD
ABN : 32 060 951 162

PAYNTER DIXON
BUILDING YOUR BUSINESS

CLIENT: Hinchinbrook Shire Council
25 Lannercost Street, Ingham, Q4850

DATE: 08-July-2013

PROJECT: Fluoridation Plants - HSC0101

CLAIM No: 9 - Works completed to 30 June, 2013

DISCIPLINE	Original	Previous % Completed	% Completed	Value Completed
1.7 FLUORIDATION SYSTEMS - INGHAM DEPOT & RIVER PS				
2.1.7.1 - Fluoridation System	248,221	100%	100%	248,221
2.1.7.2 - Pipe Connections	4,746	100%	100%	4,746
2.1.7.3 - Commissioning	43,962	85%	100%	43,962
2.1.7.4 - Miscellaneous	15,503	100%	100%	15,503
2.1.7.5 - Credit for Siemens Switchboards	-15,048	100%	100%	-15,048
Sub Total Trades - Fluoridation Systems (25kg):	***297,384***			***297,384***
1.8 FLUORIDATION SYSTEMS - HALIFAX, MACKNADE & FORREST BEACH				
2.1.8.1 - Fluoridation System	404,974	100%	100%	404,974
2.1.8.2 - Pipe Connections	4,746	100%	100%	4,746
2.1.8.3 - Commissioning	57,599	83%	100%	57,599
2.1.8.4 - Miscellaneous	0	100%	100%	-
2.1.8.5 - Credit for Siemens Switchboards	-22,952	100%	100%	-22,952
Sub Total Trades - Fluoridation Systems (5kg):	***444,367***			***444,367***
1.9 ELECTRICAL AND CONTROL SYSTEMS				
2.1.9.1 - Electrical and Control System	263,666	100%	100%	263,666
2.1.9.2 - Commissioning	27,769	60%	100%	27,769
2.1.9.3 - Miscellaneous	37,700	100%	100%	37,700
Sub Total Trades - Fluoridation Systems (25kg):	***329,135***			***329,135***
2.0 VARIATIONS				
V1 - EoT claim	63,094	100%	100%	63,094
V2 - Ingham River building changes	-22,204	100%	100%	-22,204
V3 - Seepage Drainage	3,623	100%	100%	3,623
V4 - Remove trees at Forrest Beach	1,152	100%	100%	1,152
V5 - Reduce pipe runs and Forrest Beach	TBC			
V6 - Move Macknade building location	TBC			
V7 - Asbestos pipe in dosing pit - River PS	21,608	100%	100%	21,608
V8 - Dewatering to Forrest Beach	3,665	100%	100%	3,665
V9 - Relocate vent to waste tank	5,615	100%	100%	5,615
V10 - Sample water discharge dosing head arrangement	9,258	100%	100%	9,258
V11 - Plumbing arrangement for water softeners	16,878	100%	100%	16,878
Sub Total Variations:	***102,689***			***102,689***
TOTAL COSTS OF WORKS COMPLETED TO DATE:	**$3,042,088**		**100%**	**$3,042,088**

LESS PREVIOUS CLAIMS (approved amounts)

Tax Invoice 4427 - Claim 8	$257,922
Tax Invoice 4371 - Claim 7	$556,716
Tax Invoice 4317 - Claim 6	$697,934
Tax Invoice 4270 - Claim 5	$523,810
Tax Invoice 4213 - Claim 4	$232,236
Tax Invoice 4169 - Claim 3	$297,888
Tax Invoice 4124 - Claim 2	$156,899
Tax Invoice 4102 - Claim 1	$287,971
Total Invoiced To Date:	$3,011,376

TOTAL THIS CLAIM EXCL. GST **$30,712.02**

This Claim has been prepared and made in accordance with the 'Building and Construction Industry Payments Act 2004'.

Agreed Contract Payment Conditions

28 days in accordance with Clause 42.1 of the Contract

CON-DOC-001-01-01

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RTI Document No. 530

20/02/2013

			23.9%	23.0%	18.0%	18.5%	16.6%	
			Depot WTP	Ing Water PS	Halifax WTP	MKD WTP	Forrest Beach	
CX.02103	**Fluoridisation Concept Design Report**							
	Professional Fees	$ 21,423.56	$ 5,120.23	$ 4,927.42	$ 3,856.24	$ 3,963.36	$ 3,556.31	$ 21,423.56
CX.02159	**Fluoridisation - Site Survey Work**	$ 16,150.00						
	Contractors (not machinery)	$ 15,625.00	$ 3,734.38	$ 3,593.75	$ 2,812.50	$ 2,890.63	$ 2,593.75	$ 15,625.00
	Hire of Vacuum Excavation Equipment	$ 525.00	$ 125.48	$ 120.75	$ 94.50	$ 97.13	$ 87.15	$ 525.00
CX.02160	**Fluoridisation - Geotechnical Work**	$ 19,856.15						
	Contractors (not machinery)	$ 19,031.15	$ 4,548.44	$ 4,377.16	$ 3,425.61	$ 3,520.76	$ 3,159.17	$ 19,031.15
	Hire of Vacuum Excavation Equipment	$ 825.00	$ 197.18	$ 189.75	$ 148.50	$ 152.63	$ 136.95	$ 825.00
CX.02770	**Fluoridisation Survey**	$ 6,876.57						
	Professional Fees	$ 6,876.57	$ 1,643.50	$ 1,581.61	$ 1,237.78	$ 1,272.17	$ 1,141.51	$ 6,876.57
CX.02852	**Fluoridisation - Telemetry Setup**	$ 2,343.00						
	Professional Fees	$ 2,343.00	$ 559.98	$ 538.89	$ 421.74	$ 433.46	$ 388.94	$ 2,343.00
CX.02158	**Fluoridisation Detailed Engineering Design**	$ 241,016.95						
	Professional Fees	$ 241,016.95	$ 57,603.05	$ 55,433.90	$ 43,383.05	$ 44,588.14	$ 40,008.81	$ 241,016.95
CX.03101	**Fluoridisation - PPE Setup**	$ 6,057.45						
	Materials and Equipments	$ 6,057.45	$ 1,447.73	$ 1,393.21	$ 1,090.34	$ 1,120.63	$ 1,005.54	$ 6,057.45
CX.03102	**Fluoridisation - Training**	$ 20,901.49						
	Training	$ 20,901.49	$ 4,995.46	$ 4,807.34	$ 3,762.27	$ 3,866.78	$ 3,469.65	$ 20,901.49
CX.02937	**Fluoridisation - Request for Information**	$ 2,780.30						
	Information	$ 2,780.30	$ 664.49	$ 639.47	$ 500.45	$ 514.36	$ 461.53	$ 2,780.30
CX.03104	**Fluoridisation - Commisioning**	$ 27,819.64						
	Commisioning	$ 27,819.64	$ 6,648.89	$ 6,398.52	$ 5,007.54	$ 5,146.63	$ 4,618.06	$ 27,819.64
CX.02905	**Fluoride-Buildings & Equipment InghamWPS**	$ 717,837.66						
	Internal Applicatin	$ 566.00		$ 566.00				$ 566.00
	Contractors (not machinery)	$ 717,271.66		$ 717,271.66				$ 717,271.66
CX.02906	**Fluoride-Buildings & Equipment Depot WTP**	$ 696,194.56						
	Internal Applicatin	$ 566.00	$ 566.00					$ 566.00
	Contractors (not machinery)	$ 695,628.56	$695,628.56					$ 695,628.56
CX.02907	**Fluoride-Buildings&Equipment HalifaxWTP**	$ 545,020.79						
	Internal Applicatin	$ 566.00			$ 566.00			$ 566.00
	Contractors (not machinery)	$ 544,454.79			$ 544,454.79			$ 544,454.79
CX.02908	**Fluoride-Buildings&Equipment MacknadeWTP**	$ 558,546.30						
	Internal Applicatin	$ 566.00				$ 566.00		$ 566.00
	Contractors (not machinery)	$ 555,089.90				$555,089.90		$ 555,089.90
	Electrical Contractor	$ 2,890.40				$ 2,890.40		$ 2,890.40
CX.02909	**Fluoride-Buildings&Equipment F/BeachWTP**	$ 610,545.52						
	Internal Applicatin	$ 566.00					$ 566.00	$ 566.00
	Contractors (not machinery)	$ 609,979.52					$ 609,979.52	$ 609,979.52
			Depot WTP	Ing Water PS	Halifax WTP	MKD WTP	Forrest Beach	
		$ 3,493,369.94	$783,483.36	$ 801,839.44	$ 610,761.31	$626,112.95	$ 671,172.89	$ 3,493,369.94

DSDIP RTI Release

RTI Document No. 531

Queensland Government

HINCHINBROOK SHIRE COUNCIL
11 FEB 2014
RECEIVED

Forensic and Scientific Services
HSSA | Health Services Support Agency

CERTIFICATE OF ANALYSIS

CLIENT : (HEHTN)
Environmental Health - Townsville
Townsville Public Health Unit
242 Walker Street
TOWNSVILLE QLD 4810

ATTN: N. Fredericks

Laboratory Reference : SSP0038699
Client Order No. : FREDERICKS_N
Date Received : 13-Jan-2014
Laboratory Number : 14NA227
Batch No : 616-40

Client Reference : HIN912
Date Sampled : 09-Jan-2014
Sample Point : Mackmade WTP SP32,pH6.3,Cl1.3,F0.37 Anal.N1
Sample Source : Ground
Owner : N. Fredericks

Submitting Authority : Hinchinbrook Shire Council
Reason for Analysis : Compliance
Water Treatment : Chlorinated

Method		Units	Result	Guidelines ** Health	Guidelines ** Aesthetic
18320	Conductivity @ 25°C	µs/cm	145		
18226	pH	at 23°C	7.16		6.5 - 8.5
18209	Total Hardness*	mg $CaCO_3$/L	25		200
18209	Temporary Hardness*	mg $CaCO_3$/L	25		
18208	Alkalinity*	mg $CaCO_3$/L	28		
18209	Residual Alkalinity*	meq/L	0.1		
18195	Silica	mg/L	36		80
18209	Total Dissolved Ions*	mg/L	93		
18209	Total Dissolved Solids*	mg/L	111		600
18206	True Colour	Hazen	<1		15
18212	Turbidity	NTU	<1		5
18209	pH Sat.* (calc. for $CaCO_3$)		9.2		
18209	Saturation Index*		-2.0		
18209	Mole Ratio*		2.9		
18209	Sodium Absorpt. Ratio*		1.5		
18209	Figure of Merit Ratio*		0.7		

Method		Units	Result	Guidelines ** Health	Guidelines ** Aesthetic
	CATIONS				
18195	Sodium	mg/L	17		180
18195	Potassium	mg/L	1.4		
18195	Calcium	mg/L	6.4		
18195	Magnesium	mg/L	2.1		
18209	Hydrogen*	mg/L	0.0		
	ANIONS				
18209	Bicarbonate*	mg/L	34		
18209	Carbonate*	mg/L	0.0		
18209	Hydroxide*	mg/L	0.0		
18204	Chloride	mg/L	13		250
18204	Fluoride	mg/L	0.52	1.5	
18204	Nitrate	mg/L	9.2	50	
18204	Sulphate	mg/L	9.4	500	250
	OTHER DISSOLVED ELEMENTS				
18195	Iron	mg/L	<0.01		0.3
18195	Manganese	mg/L	<0.01	0.5	0.1
18195	Zinc	mg/L	0.03		3
18195	Aluminium	mg/L	<0.05		0.2
18195	Boron	mg/L	0.02	4	
18195	Copper	mg/L	0.03	2	1

Notes: * parameter is derived from calculation.
** Australian Drinking Water Guidelines 2011 (ADWG) Health and Aesthetic Values
'-' not determined

Lab use Only: TE 298.00 TC 1.26 TA 1.29 Imb 0.03 A I/C 0.52

Please note that the concentration of total elements present may be higher than that of dissolved elements stated in this report.
The water complies with Australian Drinking Water Guidelines 2011 for the parameters tested.

Sch. 4(4)(6)

NATA Accredited Laboratory 41 Accredited for compliance with ISO/IEC 17025.

Tatiana Komarova
Chemist, Inorganic Chemistry
20-Jan-2014

14NA227

This report overrides all previous reports. The results relate solely to the sample/s as received and are limited to the specific tests undertaken as listed on the report. The results on this report are confidential and are not to be used or disclosed to any other person or used for any other purpose, whether directly or indirectly, unless that use is disclosed or the purpose is expressly authorised in writing by Queensland Health and the named recipient on this report. To the fullest extent permitted by law, Queensland Health will not be liable for any loss or claim (including legal costs calculated on an indemnity basis which arise because of (a) problems related to the merchantability, fitness or quality of the sample/s, or (b) any negligent or unlawful act or omissions by Queensland Health that is connected with any activities or services provided by Queensland Health under this agreement (including the timing and/or method under which the sample/s were taken, stored or transported).

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RTI Release DSDIP

RTI Document No. 532

HINCHINBROOK SHIRE COUNCIL
11 FEB 2014
RECEIVED

Queensland Government

Forensic and Scientific Services
HSSA | Health Services Support Agency

CERTIFICATE OF ANALYSIS

CLIENT : (HEHTN)
Environmental Health - Townsville
Townsville Public Health Unit
242 Walker Street
TOWNSVILLE QLD 4810

ATTN: N. Fredericks

Laboratory Reference : SSP0038699
Client Order No. : FREDERICKS_N
Date Received : 13-Jan-2014
Laboratory Number : 14NA228
Batch No : 616-41

Client Reference : **HIN913**
Date Sampled : **09-Jan-2014**
Sample Point : **Macknade WTP,SP32,pH6.3,Cl1.3,F0.56.AnalN2**
Sample Source : **Ground**
Owner : **N. Fredericks**

Submitting Authority : **Hinchinbrook Shire Council**
Reason for Analysis : **Compliance**
Water Treatment : **Chlorinated**

Method		Units	Result	Guidelines ** Health	Aesthetic
18320	Conductivity @ 25°C	µs/cm	143		
18226	pH	at 23°C	6.98	6.5 - 8.5	
18209	Total Hardness*	mg $CaCO_3$/L	24		200
18209	Temporary Hardness*	mg $CaCO_3$/L	24		
18208	Alkalinity*	mg $CaCO_3$/L	24		
18209	Residual Alkalinity*	meq/L	0.0		
18195	Silica	mg/L	36		80
18209	Total Dissolved Ions*	mg/L	88		
18209	Total Dissolved Solids*	mg/L	109		600
18206	True Colour	Hazen	<1		15
18212	Turbidity	NTU	1		5
18209	pH Sat.* (calc. for $CaCO_3$)		9.2		
18209	Saturation Index*		-2.2		
18209	Mole Ratio*		3.2		
18209	Sodium Absorpt. Ratio*		1.4		
18209	Figure of Merit Ratio*		0.7		

Method		Units	Result	Guidelines ** Health	Aesthetic
	CATIONS				
18195	Sodium	mg/L	16		180
18195	Potassium	mg/L	1.4		
18195	Calcium	mg/L	6.4		
18195	Magnesium	mg/L	2.1		
18209	Hydrogen*	mg/L	0.0		
	ANIONS				
18209	Bicarbonate*	mg/L	30		
18209	Carbonate*	mg/L	0.0		
18209	Hydroxide*	mg/L	0.0		
18204	Chloride	mg/L	13		250
18204	Fluoride	mg/L	0.56	1.5	
18204	Nitrate	mg/L	9.2	50	
18204	Sulphate	mg/L	9.4	500	250
	OTHER DISSOLVED ELEMENTS				
18195	Iron	mg/L	<0.01		0.3
18195	Manganese	mg/L	<0.01	0.5	0.1
18195	Zinc	mg/L	0.02		3
18195	Aluminium	mg/L	<0.05		0.2
18195	Boron	mg/L	0.02	4	
18195	Copper	mg/L	<0.03	2	1

Notes: * parameter is derived from calculation.
** Australian Drinking Water Guidelines 2011 (ADWG) Health and Aesthetic Values
'-' not determined

Lab use Only: TE 293.00 TC 1.23 TA 1.22 Imb 0.01 A I/C 0.51

Please note that the concentration of total elements present may be higher than that of dissolved elements stated in this report.
The water complies with Australian Drinking Water Guidelines 2011 for the parameters tested.

Sch. 4(4)(6)

NATA Accredited Laboratory 41 Accredited for compliance with ISO/IEC 17025.
14NA228

Tatiana Komarova
Chemist, Inorganic Chemistry
20-Jan-2014

This report overrides all previous reports. The results relate solely to the sample/s as received and are limited to the specific tests undertaken as listed on the report. The results on this report are confidential and are not to be used or disclosed to any other person or used for any other purpose, whether directly or indirectly, unless that use is disclosed or the purpose is expressly authorised in writing by Queensland Health and the named recipient on this report. To the fullest extent permitted by law, Queensland Health will not be liable for any loss or claim (including legal costs calculated on an indemnity basis which arise because of (a) problems related to the merchantability, fitness or quality of the sample/s, or (b) any negligent or unlawful act or omissions by Queensland Health that is connected with any activities or services provided by Queensland Health under this agreement (including the timing and/or method under which the sample/s were taken, stored or transported).

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DSDIP - RTI Release
RTI Document No. 533

Final Subsidy Post-Commissioning Checklist

IPMG Infrastructure Project Management Group

SCHEME INFORMATION	
Name of Public Potable Water Supplier	HINCHINBROOK SHIRE COUNCIL
Name of Scheme	MACKNADE WTP

COMMISSIONING	Included
A commissioning plan was prepared that included the following:	
Treatment plant operational requirements *e.g. Whether high flow or low flow simulation will be required*	✓
Resources required *Including treatment plant operator attendance, key vendor representation*	✓
Training	✓
Risk assessment and contingency plans	✓
Operational Health and Safety Considerations	✓
Public interest consideration *e.g. Noise, visuals*	✓
Community communication (Separately done by Council)	✓
Quality Assurance Program compliance	✓
Environmental impacts	✓
Acceptance testing requirements and acceptance criteria for the various components	✓
Details on how any variation in raw water fluoride levels during the commissioning process will be managed	✓
The commissioning activity included the following:	
Inspection and performance tests of all structures *Under actual operating conditions*	✓
Inspection and performance tests of all pipelines *Under actual operating conditions*	✓
Inspection and performance tests of all equipment, systems and processes *Under actual operating conditions in manual and automatic modes*	✓
Dry and wet testing	✓
Calibration of metering pumps and feeders	✓
Calibration of all instruments	✓
Testing and commissioning of electric, instrumentation and control systems	✓
Testing and commissioning of alarm annunciators, set points and other control systems	✓
Activation of alarms by inducing actual fault conditions *Including tests of the common failure modes for under-dosing and over-dosing*	✓

Note: Italicised text is provided only as guidance

DRINKING WATER

RTI Document No. 534

	Included
Function checks on interlocks and control systems	✓
The acceptance test specifications included:	
The conditions under which the tests are to be performed *e.g. high or low flow conditions*	✓
The proving period for each condition	✓
The acceptable test results	✓
What commissioning activities were to be repeated in the event of failures	✓

CERTIFICATION

I / We certify that:

- Commissioning has included all of the items in this completed checklist.
- The scope and detail of commissioning is sufficient to meet normally accepted requirements for the commissioning of similar facilities.

Certification by person responsible for water supply services e.g. Water Supply & Sewerage Engineer

Name	COLIN CRANFIELD
Title	TECHNICAL DIRECTOR
RPEQ Number	3784040
Signature	Sch. 4(4)(6)
Date	05/03/2014

Certification by Fluoridation Equipment Supplier

Name	PAUL CURTIS
Title	ORDER EXECUTION MANAGER EVOQUA LTD
Signature	Sch. 4(4)(6)
Date	05/03/2014

Note: Italicised text is provided only as guidance

DSDIP RTI

RTI Document No. 535

Water Fluoridation Code of Practice
Compliance Statement

IPMG Infrastructure Project Management Group

SCHEME

Name of Public Potable Water Supplier	HINCHINBROOK SHIRE COUNCIL

CERTIFICATION

I / We certify that:

- The design for the fluoridation facility meets the design requirements for the Water Fluoridation Code of Practice, including reasonable allowance for scenarios likely to be encountered during the lifetime of the facility;
- The facility has been constructed in accordance with the design to meet the requirements of the Water Fluoridation Code of Practice;
- The scope and extent of commissioning was sufficient to prove compliance with the Water Fluoridation Code of Practice, including reasonable allowance for scenarios likely to be encountered during the lifetime of the facility;
- Staff have received adequate training to ensure ongoing adequate operation and maintenance of the fluoridation facility in accordance with the Water Fluoridation Code of Practice;
- A monitoring programme has been established in accordance with the requirements of the Water Fluoridation Code of Practice, and the monitoring program demonstrates compliance with the performance requirements of the Water Fluoridation Code of Practice;
- Documentation and contingency plans have been established in accordance with requirements of the Water Fluoridation Code of Practice;
- Overall, the facility meets all the requirements of the Water Fluoridation Code of Practice, and it is reasonable to expect that it will continue to do so in the future.

Certification by person responsible for water supply services e.g. Water Supply & Sewerage Engineer

Name	COLIN CRANFIELD
Title	TECHNICAL DIRECTOR
RPEQ Number	3784040
Signature	Sch. 4(4)(6)
Date	05/03/2014
Name	PAUL CURTIS
Title	ORDER EXECUTION MANAGER EVOENA LTD.
Signature	Sch. 4(4)(6)
Date	5/3/2014

DSDIP Release

RTI Document No. 536

Hinchinbrook Fluoridation – Close out Report

Lessons Learnt

Looking at the Hinchinbrook Fluoridation Project in overview, Council can note some items that may assist the Department for future implementations. A list of these is given below:

- Hinchinbrook Shire Council has 5 water treatment plants, all of which now have fluoridation. There are a total of 3 water schemes in the Shire. The Fluoridation Funding was set up with 5 separate agreements for each Fluoridation Plant. It would have been preferred if these agreements were rolled into one.

- The delay in payment and ongoing request for documentation placed strain on Council and created a shortfall in Council's cash flow. It would have been helpful if required documentation, e.g. Statutory Declarations, was requested at the beginning of the project and Council could have gathered these from companies after invoices were processed.

- It may have been of advantage for the Shire to have the broad technical specifications determined by a Technical Specification Committee appointed by the State Department Proposing the implementation of a process. These Specifications could then be set up to suit a range of scheme sizes. There would have been a significant cost saving to Local Government and the State Government if there was say six (6) standard treatments to suit various size schemes that could be applied according to the number of connections. These standardised solutions could then be modified according to local conditions but would not need Technical review or detailed first principals design. A further advantage may be that the limited number of equipment suppliers could be contacted prior to projects commencing to collaborate on specifications and arrange Standing Offer pricing.

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RTI Document No. 537

Ref 119

Public potable water supplier:

Hinchinbrook Shire Council

Project name:

Halifax WTP Fluoridation

Fluoridation of the Halifax **water treatment plant**

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Introduction

The objective of this report is to provide the Queensland Government with:

- a summary of activities that took place to achieve the goals of the project (by completing the below questions)
- support for the last funding expenditure reimbursement claim.
- a notification the project has been completed.

Instructions

Please answer all questions relevant to your project. If you are unable to provide an answer, please state so. If the question is not applicable to your project, please answer "Not Applicable" and why this is so.

1. Project details

Please insert the details about your project in the table below.

Project name	Halifax Fluoridation
Approval date	14 September 2011
Funding agreement execution date	16 November 2011
Approved funding ($)	559,016
Funding paid to date ($)	$503,114
Population served	3530

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RTI Document No. 539

2. Construction details

Please insert the construction details about your project in the table below.

Procurement methodology	Client Design / Construct Only (Competitive Tender)	
Concept design prepared by	Harrison Grierson Consultants PTY Ltd	
Detailed design prepared by	Harrison Grierson Consultants PTY Ltd	
Construction awarded to	Paynter Dixon	
Fluoridation equipment supplier	Siemens Water	
Flow meters utilised (type and size)	Siemens	
Concentration analysers utilised	Prominent	
Remote monitoring equipment (if installed)	Citek based SCADA System by Cooper Industries as all other W&S equipment used this remote monitoring	
Plant capacity including minimum and maximum flow demands	Fluoride Dose (kgF/d) at Min Water Demand 0.2	Fluoride Dose (kgF/d) at Max Water Demand 1.6
Chemical type	Sodium Fluoride	

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RTI Document No. 540

3. Timelines

Please provide the dates for your project milestones in the table below.

Activity	Original forecasted date	Actual completion date
Commencement of Fluoride concept design report (FCDR)	December 2010	December 2010
Construction commencement	June 2011	October 2012
Commencement date of proof of performance testing	December 2011	June 2013
Completion date of proof of performance testing	January 2012	July 2013
Commissioning date/hand over to PPWS	January 2012	12/11/2013
Training completed and competency gained	December 2011	17 June 2013

Please complete the questions below about your project timelines.

3.1 Has there been any major delays to the **construction** of the fluoride facility?

Yes / **No** (please circle)

3.2 If yes, what caused these delays? (you may attach a report detailing the reasons for the delays)

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RTI Document No. 541

4. Costs

Please insert your project costs in the table below and provide further information if applicable to the question below.

Activity	Original forecasted amount	Actual amount
Final cost of planning, design and construction	$674,000	$610,761.31
Commissioning costs	Included above	Included above
Cost of chemical supply per bag (including freight)	$62/bag	$37.25/5kg bottle

4.1 If the project was completed at a higher than estimated cost and the contingency amount was required, please provide a brief explanation as to why this occurred (you may attach a report detailing the reasons for the increased cost).

Higher chemical cost is due to the adoption of 5kg sodium fluoride bottles at Halifax, Macknade and Forrest Beach as part of value – engineering exercise during detailed engineering to reduce capital cost.

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RTI Document No. 542

5. Closure

Please provide further details on the items listed below (you may use attachments):.

5.1 Proof of performance testing criteria
14 days daily test. Refer to Daily Record Sheets.
Final fluoride level 0.7 ± 0.1 mg/L

5.2 Proof of performance testing results
Refer to Long Term Monitoring Data

5.3 Water analysis results
Refer to Laboratory Results

5.4 Please provide a list of outstanding business activities, risks and issues associated with the project.
None to report.

5.5 What closure activities still require completion?
Minor defects, Defect Liability Period ends on 8th July 2014

5.6 Please provide any 'lesson(s) learnt' which could assist future implementations (you may use attachments). This may include any experience you had with your contractors.
See attached.

Please circle an answer to each of the questions below, If the answer is 'to be completed' please insert the date for which it will be completed by.

5.7. Is hand over of the project deliverables and documentation
Completed / to be completed by _____

5.8 Termination of any supplier contracts:
Completed / to be completed by _____

5.9 Release resources
Completed / to be completed by 8 July 2014

5.10 Undertake closure communication (for example Queensland Health)
Completed / to be completed by 9 March 2014

DSDIP RTI Release

RTI Document No. 543

6. Photographs

Please provide electronic copies of photographs showing the following:

- the completed project
- photographs of the project during construction
- a photograph of the dosing meter showing the dosing level
- A copy of the 24 hour trend graph indicating WTP flow and fluoride levels.

7. Documentation

Please provide copies of the following documents:

- the Certificate(s) of Practical Completion issued by the superintendent(s) (See Attachment)
- the Certificates of Final Acceptance Tests – (Refer to HSC Long Term Operational Data)
- written evidence the fluoride facility has met the performance requirements of the Regulation for a period of not less than 14 consecutive operating days and continues to do so (Refer to HSC Long Term Operational Data)
- written evidence two (2) plant operators per fluoride facility have completed qualified training (See attached)
- written evidence the associated documentation (e.g. operation and maintenance manuals, as-constructed information) is complete in all respects (See attached)
- the certified contract payment schedules, the Certificate(s) of Practical Completion and the Certificates of Final Acceptance Tests (See attached)
- the final Budget and cost report (See attached)
- results of tests carried out in accordance with the Regulation demonstrating that the fluoride facility is meeting the requirements of the Regulation (See attached)
- the completed final subsidy post-commissioning checklist (See attached)
- a statement of compliance with the Regulation. (See attached)

DSNR - RTI Release

RTI Document No. 544

9. Sign Off

I certify that the information provided in this report is an accurate reflection of project activities.

Sch. 4(4)(6)

Signed

Colin Gray

Project Manager

Sch. 4(4)(6)

Signed

Leanne Mash

Chief Executive Officer

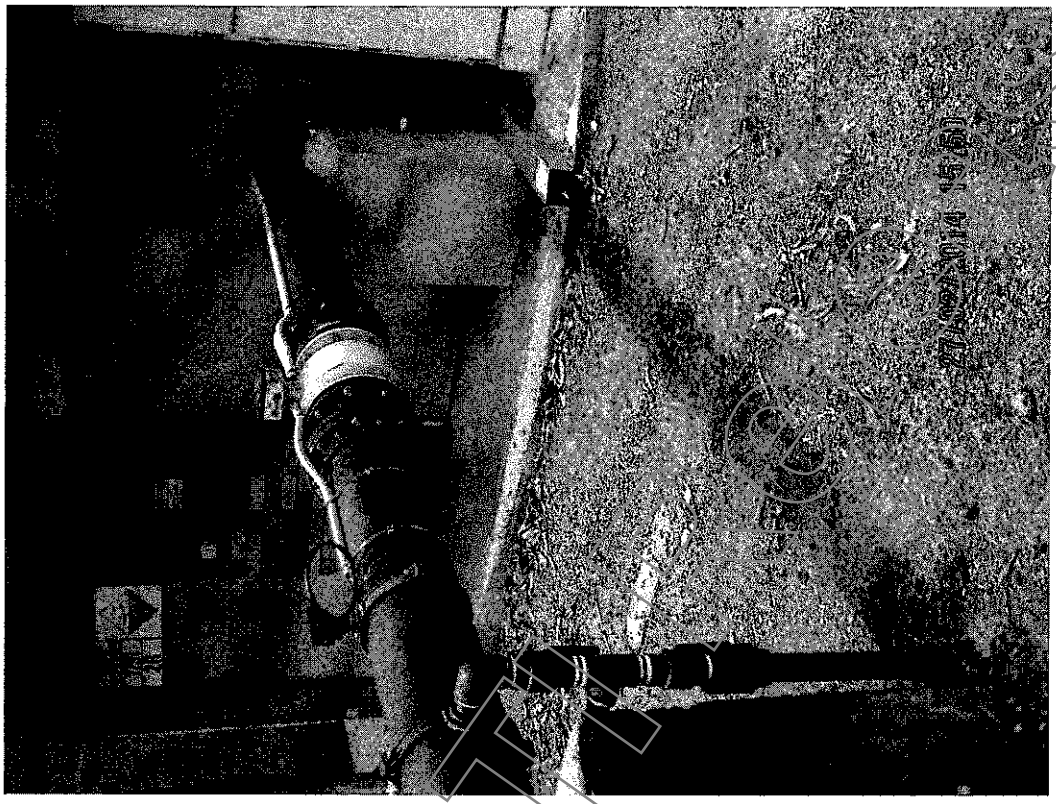
DSDIP - RTI Release

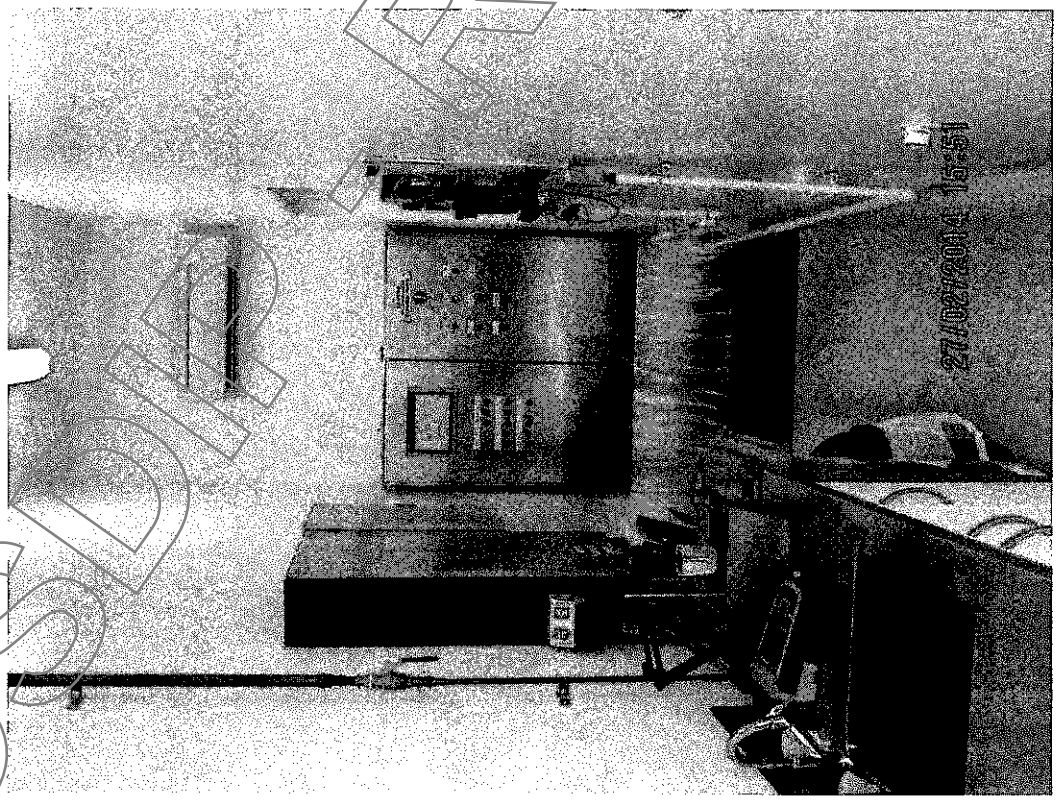
RTI Document No. 545

Fluoridation Close Out Report

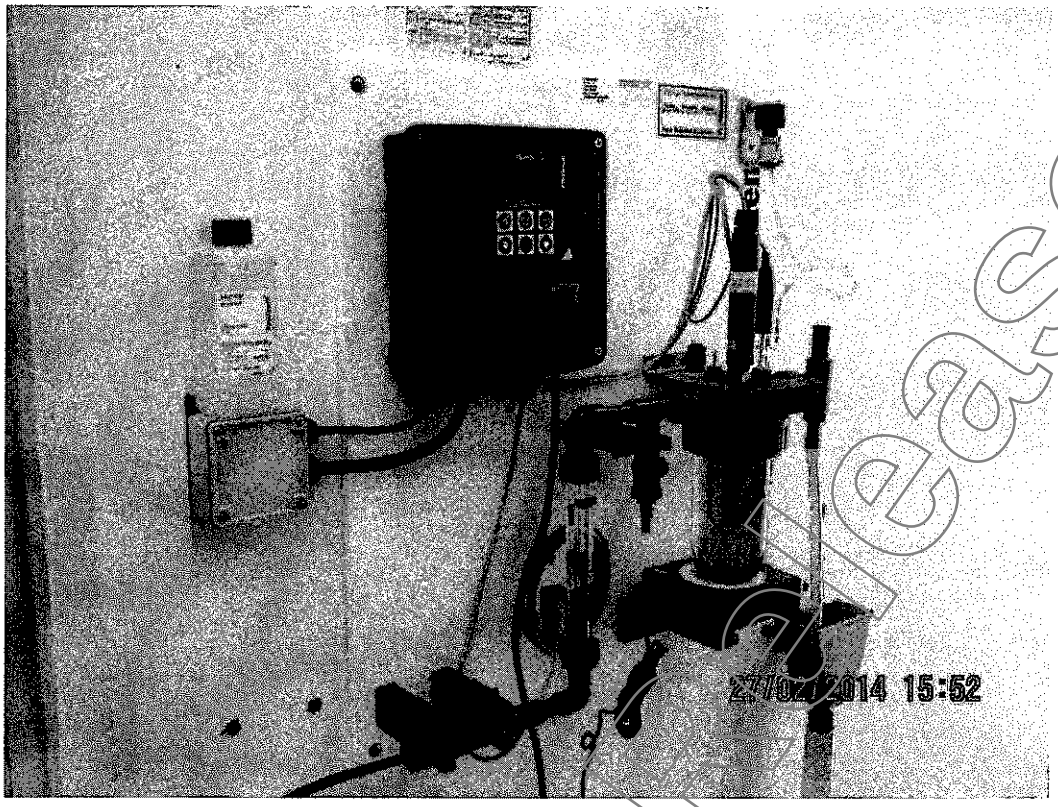
Halifax WTP

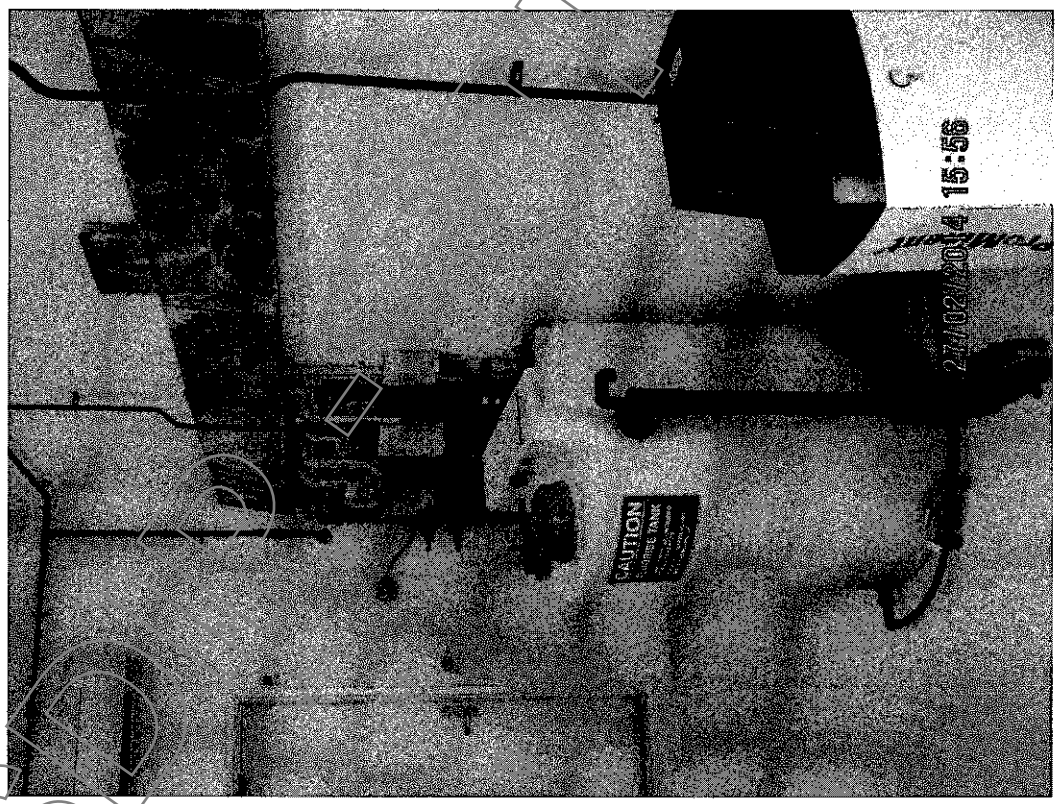
Fluoridation Plant Photos





DSDR RTI Release





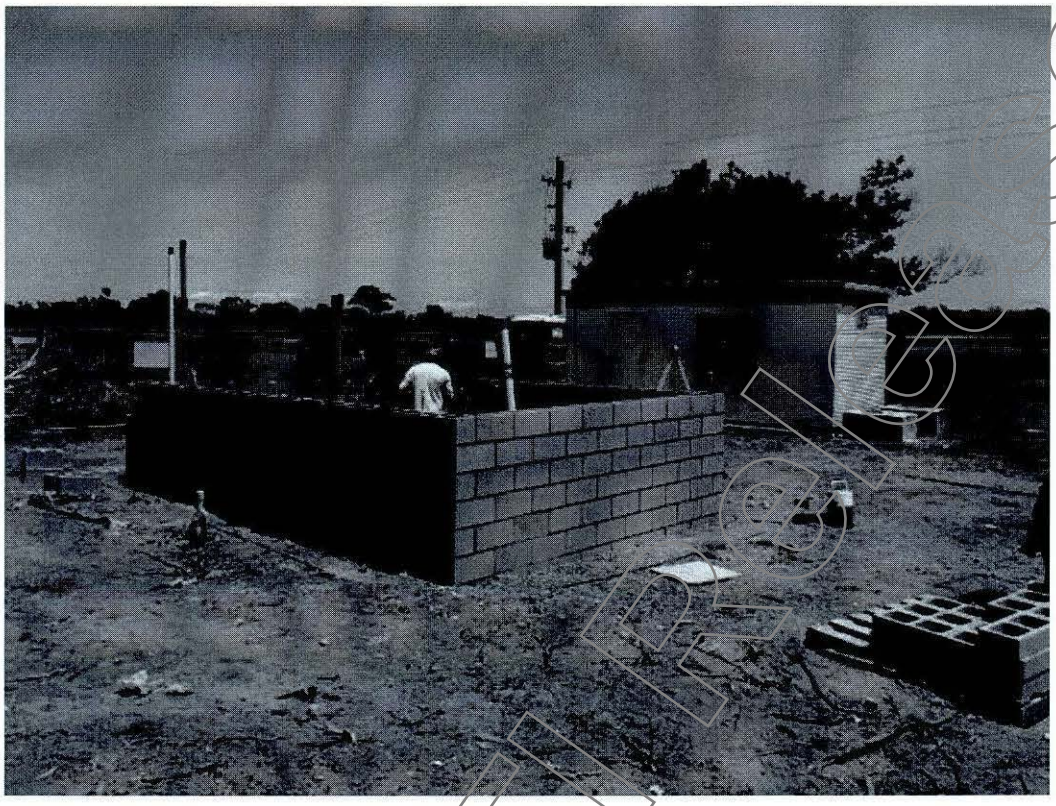
DSD Release

N:\1014\130589_01\400 Tech\410 Site Info\6. Halifax WTP\Halifax Fluoridation Plant Photos-cdc.docx

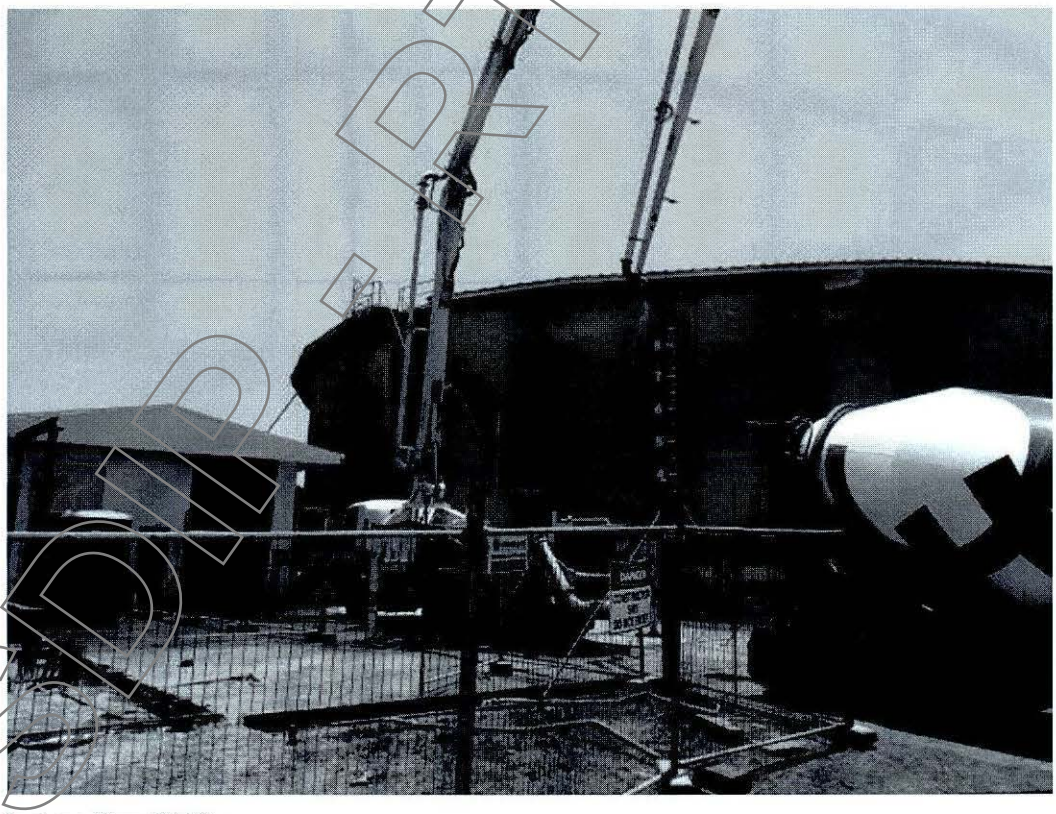
DSDIP - RTI Release

Fluoridation Close Out Report

Fluoridation Plant Construction Photos



Forrest Beach Fluoridation Building



Ingham River PS Site

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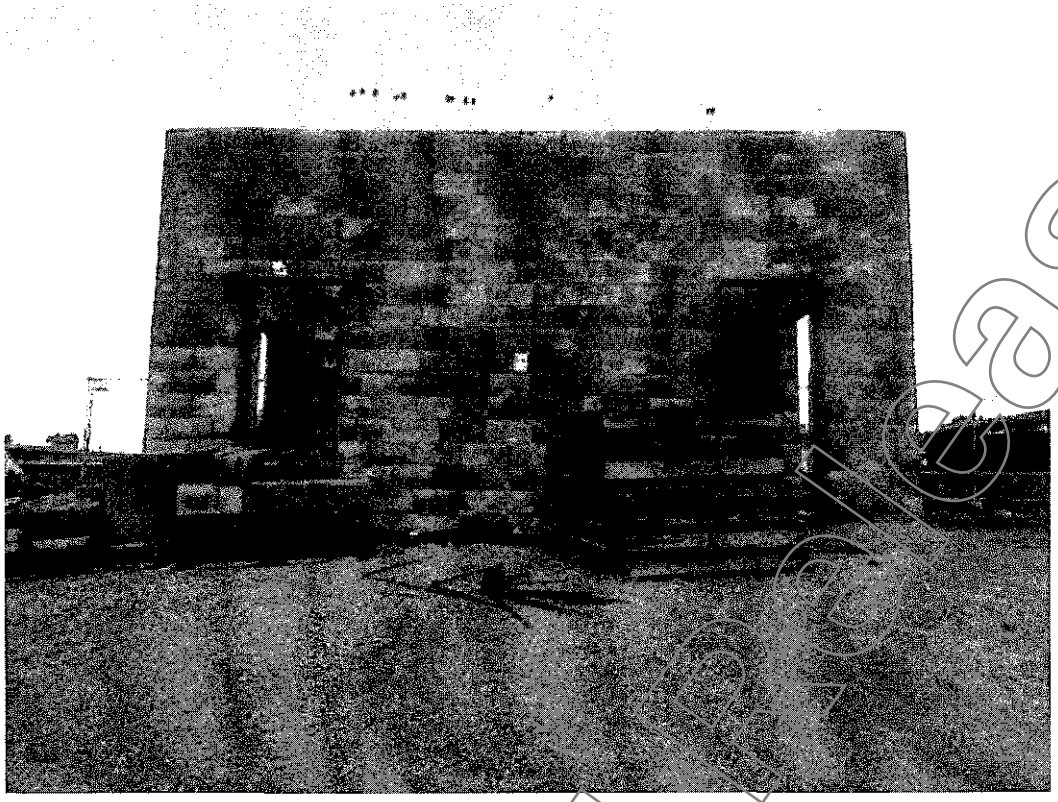
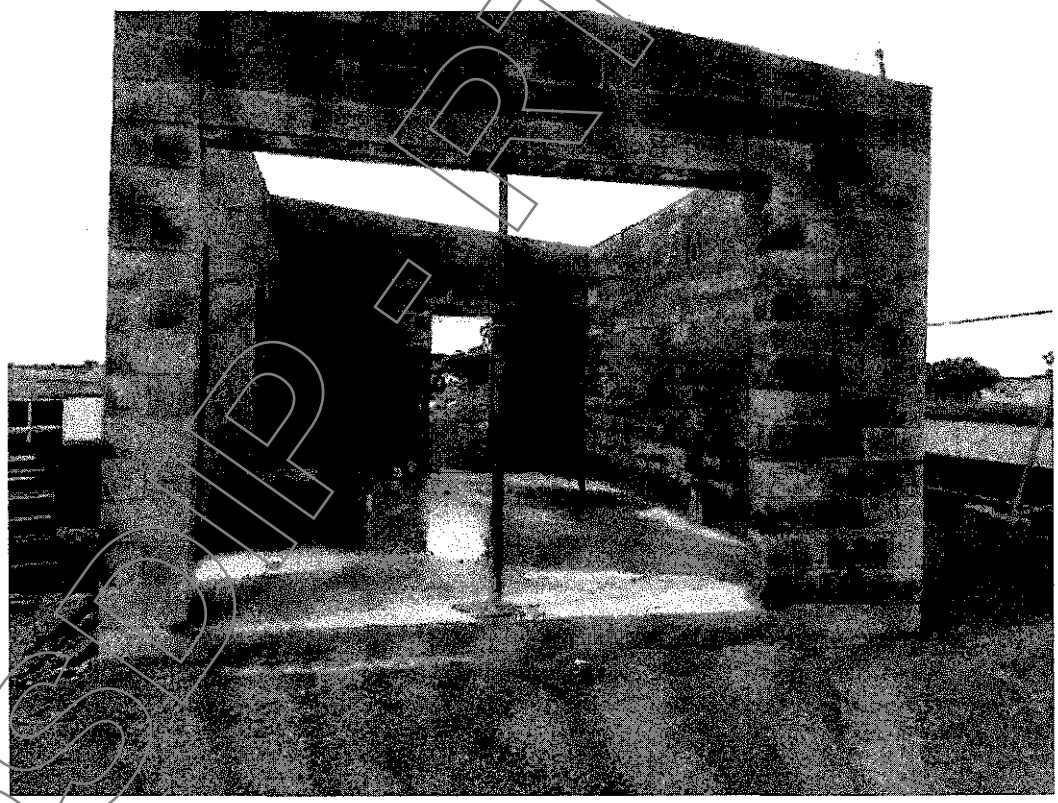
RTI Document No. 549

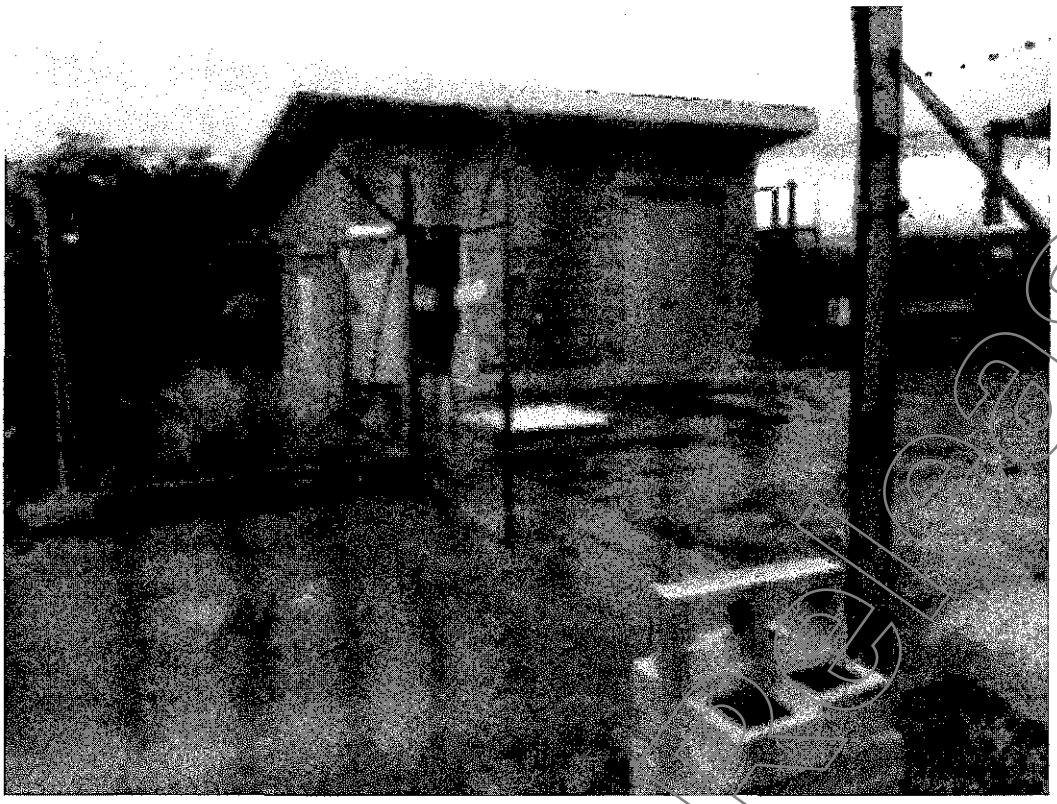


Ingham Depot Fluoridation Building



Ingham Fluoridation Building

DOHP - RTI Release



Ingham River PS (Close to completion)

Ingham Depot Fluoridation Building (Close to completion)

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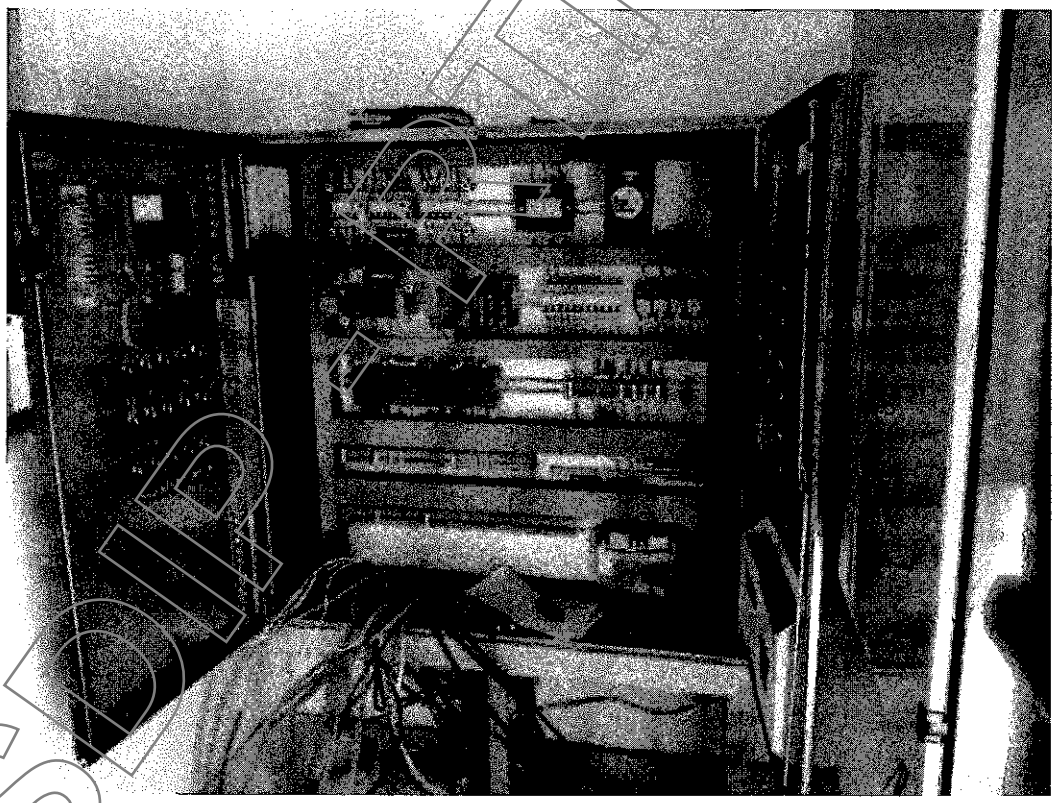
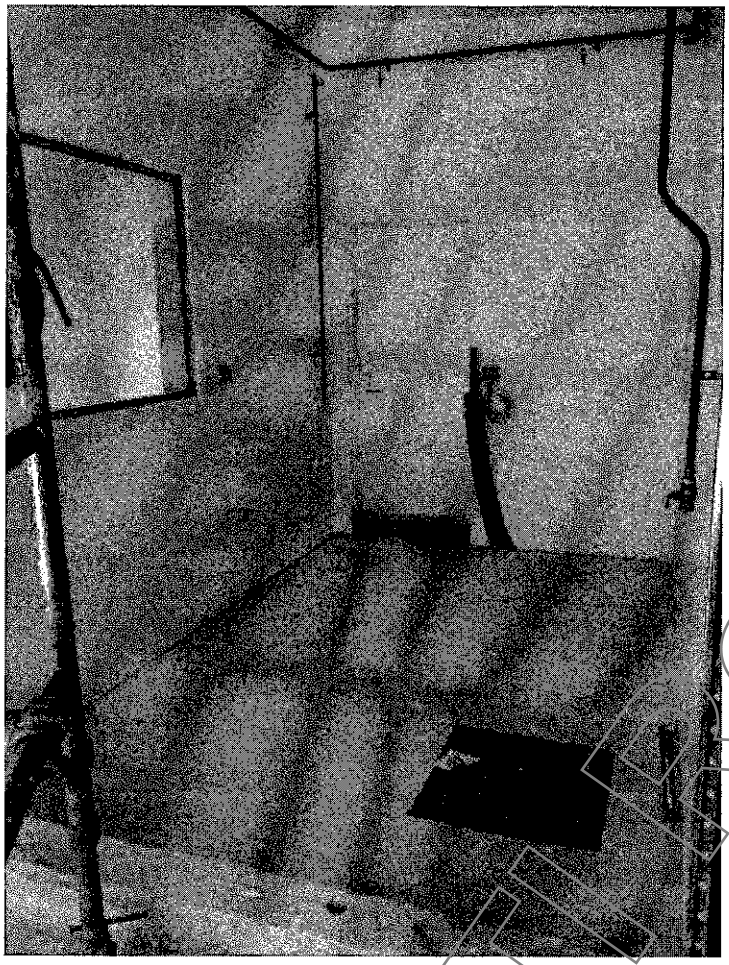
F Dosing Panels delivered

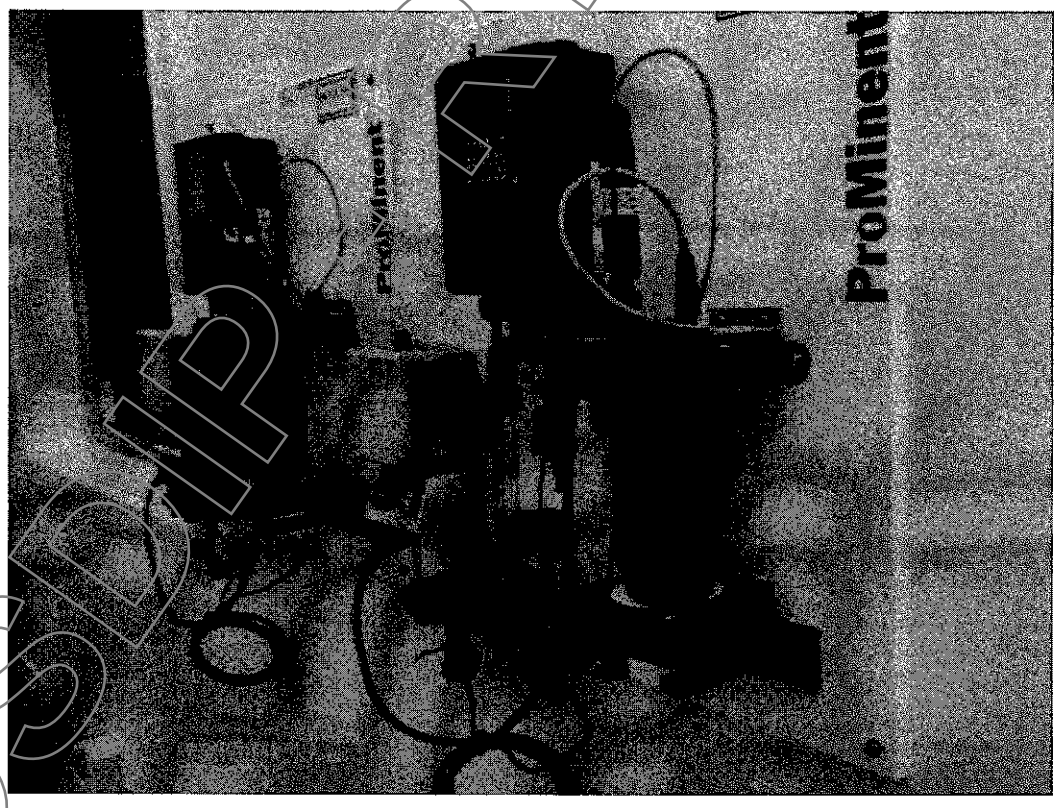


F Dosing Switchboard (wiring)

DSD RTI Release



Fluoridation Room Internal prior to mechanical fit – out



Fluoride Analyser Panels (Macknade)

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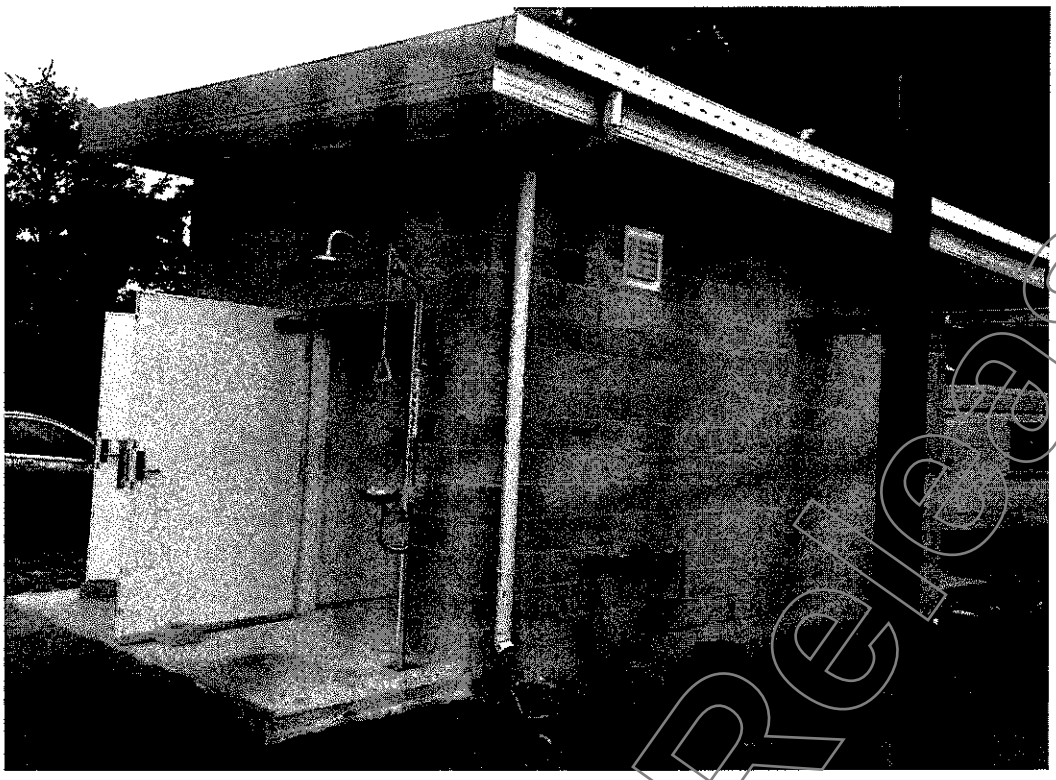

Halifax Fluoridation Building (almost complete)

Injection Station Mixers for fluoridation addition

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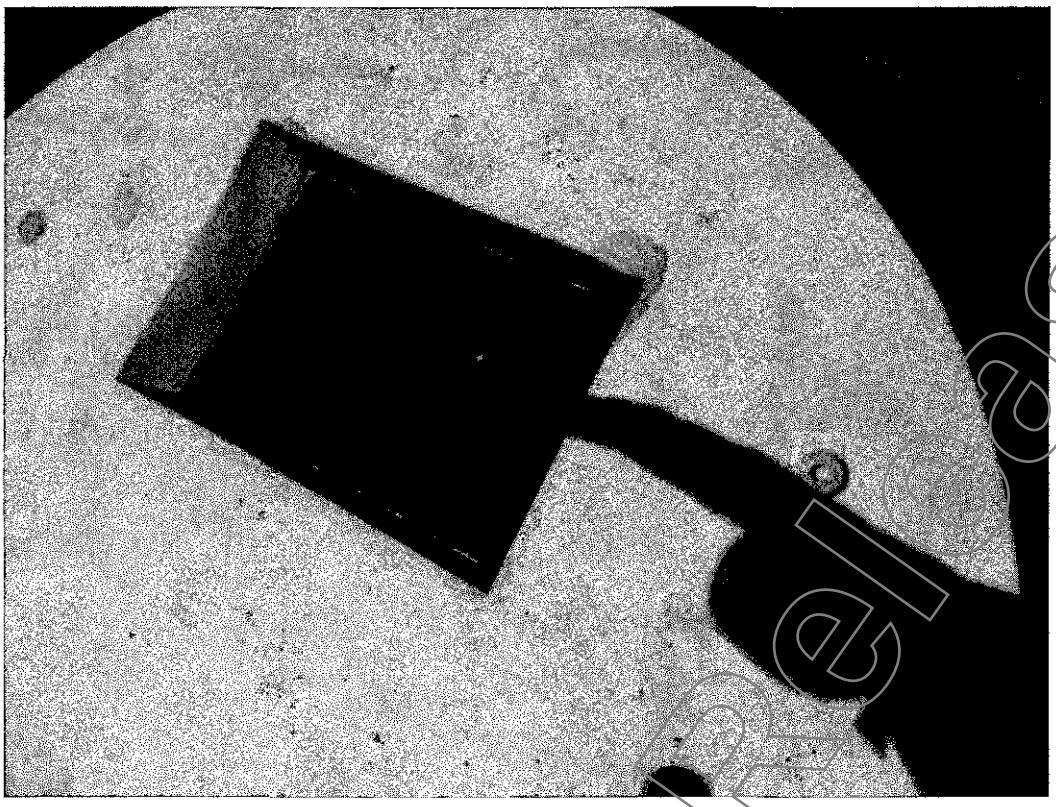
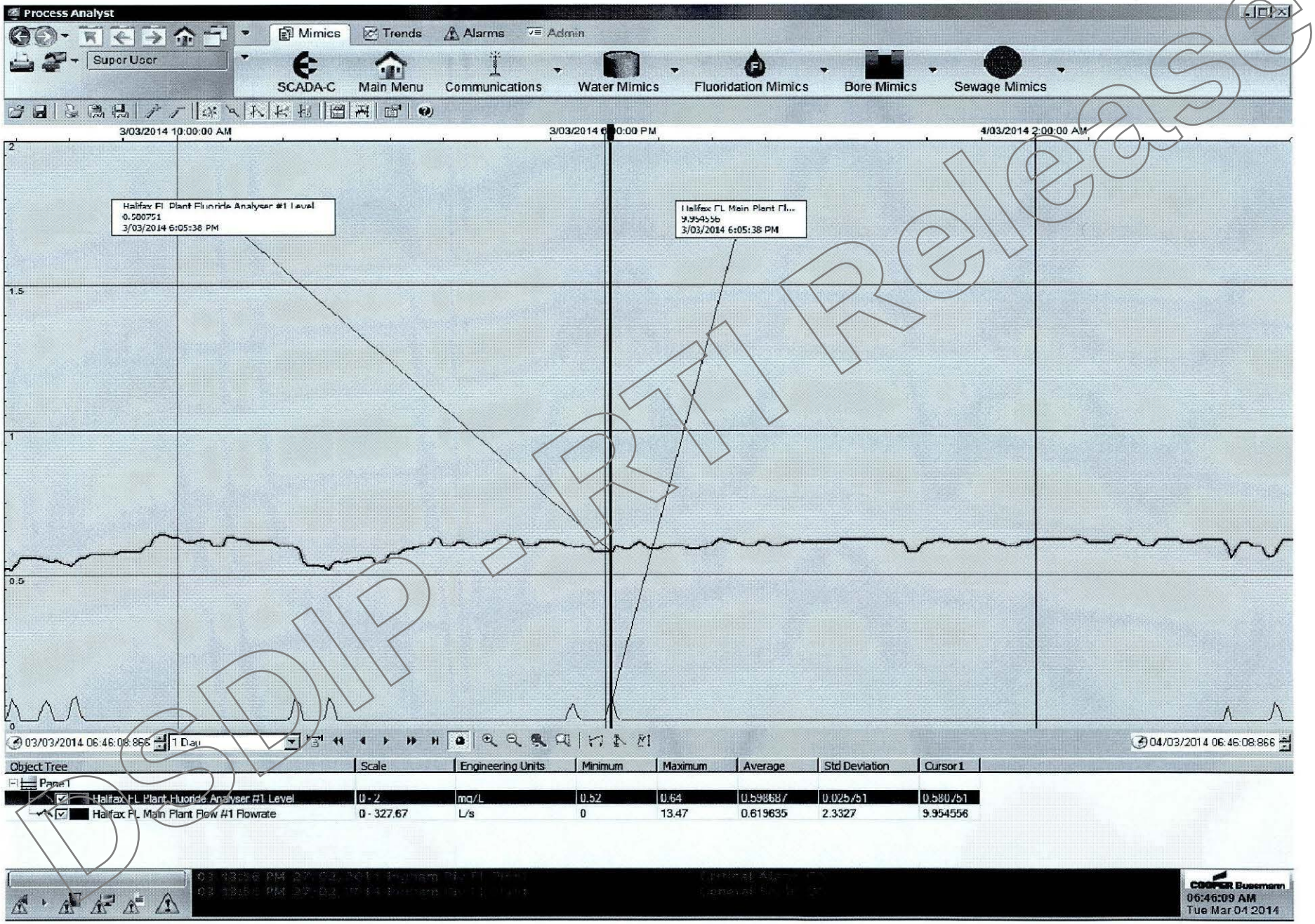


Waste Tank

N:\1014\130589_01\500 Del\560 Close Out Reports\Final Pack to HSC\Construction Photos-ich.docx

DSDIP - RTI Release



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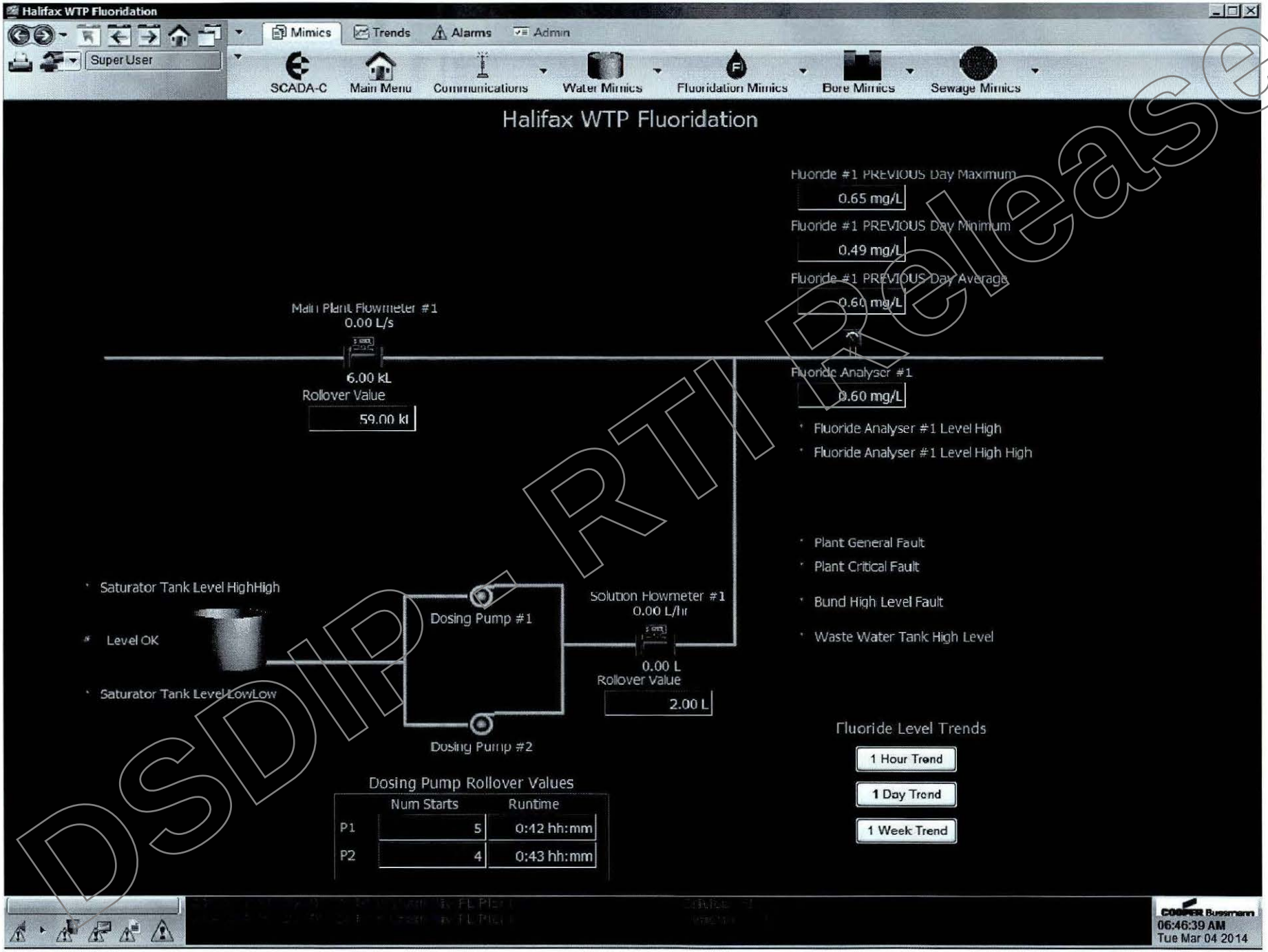

RTI Document No. 557

DSDIP RTI Release

HARRISON GRIERSON

Certificate of Practical Completion
(AS2124-1992)

Date	8 July 2013
Date of Issue	12 July 2013
Principal	Hinchinbrook Shire Council PO Box 366 **Ingham, QLD 4850**
Contract Title	Hinchinbrook Shire Council Fluoridation Project
Contract Details	1014-130589-01
Contractor	Paynter Dixon Queensland Pty Ltd PO Box 2491 **Milton, QLD 4006**

This is to certify that in accordance with clause 42.5 and 42.6 of AS2124-1992, the above named Contract Works have been inspected and qualified for a Practical Completion certificate on 8 July 2013.

Defects Liability and maintenance obligations, as detailed in the Contract documentation and AS2124-1992, commenced on this date and continue until 8 July 2014.

This certificate is issued subject to minor omissions and/or minor defects as **listed below* being corrected/completed within the time set by the Superintendent and without prejudicing the Principal's/occupier's convenient use of the contract works.

This certificate is issued in accordance with Clause 42.5 and 42.6 of the conditions of contract.

**Minor omissions and/or defects to be corrected:*

1. Refer attached Defects List dated 8 July 2013 - Contract No. 1014-130589-01 HSC0101 - Hinchinbrook SC Fluoridation (4 Pages).

Harrison Grierson Consultants Pty Limited

Sch. 4(4)(6)

Colin Cranfield
Contract Superintendent

Distribution

☑ Principal ☑ Contractor ☑ Engineer

N:\800955_01\300 Comms\310 External\CPC001-800955-HinchF-njs.doc

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ISO9001 Quality Assured

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RTI Document No. 558

HINCHINBROOK SHIRE COUNCIL

Water Fluoridation Regulation 2008 Recording Requirements (Section 10)

Form 4D (Saturator Feed) Daily Record Sheet for Week Ending: 06/12/2013

Column 5 = Column 2 x Column 3 x Column 4 x 10 x Available Fluoride

Calculated Fluoride Concentration = Column 5 / Column 1 / 1000 + Background Fluoride

Background Fluoride = 0.06 mg/L

Available Fluoride = 0.455

W-F0013

	Day	Date	Time	Column 1 Water Treated (ML)	Column 2 Amount of fluoride solution added to water (L)	Column 3 Solution fluoride strength (g/100mL)	Column 4 Chemical Purity %	Column 5 Amount of fluoride ion added to water (g)	Fluoride concentration in treated water (mg/L)			Online Analyser		Maximum Fluoride (mg/L)	Minimum Fluoride (mg/L)	Average Fluoride (mg/L)	Additional Records		Operator Signature
									Calculated	Benchtop Measured	Online Analyser Measured	Temp (°C)	mV				Retic Sample No. 1	Retic Sample No. 2	
SCADA	Sat	30/11/2013	6:00 AM	0.060	1	4	98.53%	17.932	0.358					2.00	0.00	0.50	SP___	SP___	
Manual			8.00	0.04102	0.47	4	98.53%	8.42	0.26	0.327	0.40	28.4	196						
SCADA	Sun	01/12/2013	6:00 AM	0064	0	4	98.53%	0	0.06					0.61	0.00	0.42	SP___	SP___	
Manual			7.55	0.06658	0.23	4	98.53%	4.12	0.12	0.066	0.11	28.8	186.8						
SCADA	Mon	02/12/2013	6:00 AM	0.079	1	4	98.53%	17.932	0.28					0.63	0.10	0.66	SP___	SP___	
Manual			14.50	0.11884	0.46	4	98.53%	8.24	0.12	0.478	0.66	30.3	137.1						
SCADA	Tues	03/12/2013	6:00 AM	0.084	1.0	4	98.53%	17.93	0.27					0.68	0.10	0.49	SP___	SP___	
Manual			0950	0.06530	0.80	4	98.53%	14.34	0.27	0.384	0.49	29.9	145.0						
SCADA	Wed	04/12/2013	6:00 AM	0.091	1.0	4	98.53%	17.932	0.257					0.81	0.10	0.52	SP 39	SP 13	
Manual			1.03	0.14352	1.25	4	98.53%	22.41	0.21	0.495	0.63	29.4	137.6				0.519	0.482	
SCADA	Thurs	05/12/2013	6:00 AM	0.167	2.0	4	98.53%	35.864	0.274					0.75	0.10	0.58	SP___	SP___	
Manual			8.00 A	0.14756	3.84	4	98.53%	68.86	0.52	0.561	0.66	28.1	135.8						
SCADA	Fri	06/12/2013	6:00 AM	0.188	5	4	98.53%	89.662	0.53					0.99	0.41	0.66	SP___	SP___	
Manual			10.15	0.200	5.10	4	98.53%	91.45	0.51	0.631	0.75	29.7	133.0						

Water Supplier:	Hinchinbrook Shire Council SP62	**Name of Treatment Plant:**	Halifax WTP
Fluoridation Chemical Used:	Sodium Fluoride (NaF)	**Name of Supplier:**	Orica Pty Ltd

Manager: Water and Sewerage Manager

Implementation Date: 05/08/2013
Current Revision: C

O:\Water and Sewerage\New Water & Sewerage\Water\Operation & Maintenance\W-F0013_Fluoride Daily Record Sheet

DSDIP RTI Release

RTI Document No. 559

HINCHINBROOK SHIRE COUNCIL

Water Fluoridation Regulation 2008 Recording Requirements (Section 10)

Form 4D (Saturator Feed) Daily Record Sheet for Week Ending: 13/12/2013

Column 5 = Column 2 x Column 3 x Column 4 x 10 x Available Fluoride

Calculated Fluoride Concentration = Column 5 / Column 1 / 1000 + Background Fluoride

Background Fluoride = 0.06 mg/L

Available Fluoride = 0.455

W-F0013

	Day	Date	Time	Column 1 Water Treated (ML)	Column 2 Amount of fluoride solution added to water (L)	Column 3 Solution fluoride strength (g/100mL)	Column 4 Chemical Purity %	Column 5 Amount of fluoride ion added to water (g)	Fluoride concentration in treated water (mg/L)			Online Analyser		Maximum Fluoride (mg/L)	Minimum Fluoride (mg/L)	Average Fluoride (mg/L)	Additional Records		Operator Signature
									Calculated	Benchtop Measured	Online Analyser Measured	Temp (°C)	mV				Retic Sample No. 1	Retic Sample No. 2	
SCADA	Sat	07/12/2013	6:00 AM	0.400	13	4	98.53%	233.12	0.64					0.93	0.55	0.66	SP___	SP___	
Manual			8.00	0.265	4.23	4	98.53%	75.85	0.34	0.479	0.65	28.5	136.3						
SCADA	Sun	08/12/2013	6:00 AM	0.463	2	4	98.53%	35.86	0.28					0.91	0.10	0.45	SP___	SP___	
Manual			7:55	0.150	1.27	4	98.53%	22.77	0.21	0.488	0.14	28.3	180.2						
SCADA	Mon	09/12/2013	6:00 AM	0.124	1.0	4	98.53%	17.93	0.20					0.93	0.10	0.48	SP___	SP___	
Manual			11.30	0.175	1.59	4	98.53%	25.51	0.22	0.450	0.67	28.8	137.5						
SCADA	Tues	10/12/2013	6:00 AM	0.306	6	4	98.53%	107.54	0.41					0.72	0.10	0.55	SP___	SP___	
Manual			10.00	0.181	4.46	4	98.53%	79.97	0.50	0.803	0.94	29.5	126.6						
SCADA	Wed	11/12/2013	6:00 AM	0.159	1	4	98.53%	17.93	0.17					1.01	0.10	0.44	SP 3	SP___	
Manual			2.00	0.221	1.2	4	98.53%	2.15	0.12	0.0715	0.10	30.0	149.9				0.449	Rpt Result 0.394	
SCADA	Thurs	12/12/2013	6:00 AM	0.195	1	4	98.53%	0.17.932	0.15					0.65	0.10	0.42	SP___	SP___	
Manual			8.42	0.12863	2.18	4	98.53%	39.09	0.36	0.592	0.64	28.4	136.8						
SCADA	Fri	13/12/2013	6:00 AM	0.171	2	4	98.53%	35.86	0.26					1.04	0.10	0.50	SP___	SP___	
Manual			12.45	0.15322	2.39	4	98.53%	42.85	0.33	0.47	0.70	30.5	136.1						

Water Supplier:	Hinchinbrook Shire Council SP62	**Name of Treatment Plant:**	Halifax WTP
Fluoridation Chemical Used:	Sodium Fluoride (NaF)	**Name of Supplier:**	Orica Pty Ltd

Manager: Water and Sewerage Manager

Implementation Date: 05/08/2013
Current Revision: C

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RTI Document No. 560

Simmonds & Bristow Pty Ltd

The Regional and Remote Water Specialist

Statement of Attainment

A Statement of Attainment is issued when an individual has completed one or more accredited units

This is a statement that

Monica Vecchio

Student Number: **S01283**

Has attained

CODE	TITLE OF THE UNIT(S) OF COMPETENCY
NWP276A	Monitor, operate and report fluoridation processes

Dated 17th June 2013

Sch. 4(4)(6)

David Bristow *B.E.(Chem),MIEAUST,RPEQ,AFAIM*
Managing Director
Simmonds & Bristow Pty Ltd

Sch. 4(4)(6)

Michael Dobell-Brown
Trainer/Assessor
Simmonds & Bristow Pty Ltd

RTO Provider Number: 1735
Certificate No.: 00569

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RTI Document No. 561

Simmonds & Bristow Pty Ltd

The Regional and Remote Water Specialist

Statement of Attainment

A Statement of Attainment is issued when an individual has completed one or more accredited units

This is a statement that

Neil Scott Fredericks

Student Number: S01278

Has attained

CODE	TITLE OF THE UNIT(S) OF COMPETENCY
NWP276A	Monitor, operate and report fluoridation processes

Dated 17th June 2013

Sch. 4(4)(6)

~~David Bristow~~ *B.E.(Chem),MIEAUST,RPEQ,AFAIM*
Managing Director
Simmonds & Bristow Pty Ltd

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RTI Document No. 562

HINCHINBROOK SHIRE COUNIL

Water Fluoridation

Ingham Sites - Standard Operation Procedure

May 2013
HG Project No. 8010-800955-01
HG Document No. R005v1-BR800955-01

DSDIP - RTI Release

RTI Document No. 563

HARRISON GRIERSON CONSULTANTS LIMITED

Document Control Record

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Project	Water Fluoridation
HG Project No.	8010-800955-01
HG Document No.	R005v1-BR800955-01
Document	Ingham Sites - Standard Operation Procedure

ISSUE AND REVISION RECORD

Date of Issue	May 2013
Status	Rev 1 Draft – Commissioning Issue
Originator	..... Ian Ho - Senior Process Engineer/Associate
Reviewed	..... Nicola Smalberger – Process Engineer Peter Martin – Hinchinbrook SC W&S Manager
Approved for Issue	..... Colin Cranfield - Director

Office of Origin	Brisbane
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Email	brisbane@harrisongrierson.com

DSDIP - RTI Release

RTI Document No. 564

HINCHINBROOK SHIRE COUNIL

Water Fluoridation

Ingham Sites - Standard Operation Procedure

May 2013
HG Project No. 8010-800955-01
HG Document No. R005v1-BR800955-01

CONTENTS

		Page
1.0	**INTRODUCTION**	**1**
1.1	DOCUMENT LAYOUT	1
1.2	HEALTH AND SAFETY	2
1.3	RESPONSIBILITIES	3
2.0	**FLUORIDATION SYSTEM DESCRIPTION**	**4**
2.1	SODIUM FLUORIDE	4
2.2	SYSTEM SET-UP	5
2.3	FLUORIDATION PANEL – INDICATOR LIGHTS AND BUTTONS	7
2.4	FLUORIDATION PANEL – HMI DISPLAY	10
2.5	INGHAM DEPOT WTP FLUORIDE DOSING SETUP	10
2.6	INGHAM RIVER PS FLUORIDE DOSING SET-UP	10
2.7	TELEMETRY AND CRITICAL ALARMS	12
3.0	**OPERATING PROCEDURE**	**13**
3.1	DAILY TASK LIST	13
3.2	TWICE WEEKLY ROUTINE	14
3.3	WEEKLY ROUTINE	14
3.4	FORTNIGHTLY ROUTINE	14
3.5	MONTHLY ROUTINE	15
3.6	BIMONTHLY ROUTINE	15
3.7	INFREQUENT MAINTENANCE INSPECTION	16
4.0	**MONITORING PROCEDURE**	**17**
4.1	ONLINE FLUORIDE ANALYSER	17
4.2	DAILY QUALITY SAMPLE COLLECTION	18
4.3	RETICULATION SAMPLE COLLECTION	19
4.4	MONTHLY VERIFICATION SAMPLES	20
4.5	ADDITIONAL SAMPLES	20
4.6	ENTERING TEST RESULTS INTO LOGSHEET	20
5.0	**EMERGENCY RESPONSES**	**21**
5.1	CHEMICAL SPILLAGE	21
5.2	OVERDOSING	22
5.2.1	Online Fluoride Level Exceeds 0.9mg/L	23
5.2.2	Treated Water Sample Fluoride Level Exceeds 1.5mg/L	24

DSDIP Part Release

RTI Document No. 565

5.2.3 Treated Water Sample Fluoride Level Exceeds 0.9mg/L 25
5.2.4 Reticulation Sample Fluoride Level Exceeds 0.9mg/L 25
5.2.5 External Fluoride Test Results Exceeding 0.9mg/L 26
5.3 FLUORIDE TEST RESULTS INCONSISTENCY 26
5.4 POWER OUTAGE 27
6.0 RECORD KEEPING AND REPORTING 27
6.1 RECORD KEEPING AND AUDITING 27
6.2 NON-OPERATIONAL REPORT 27
6.3 QUARTERLY REPORT 27
7.0 LIMITATIONS 28
7.1 GENERAL 28
7.2 REVISION CONTROL 28

APPENDICES

Appendix 1 Sodium Fluoride Chemical Safety Data Sheet
Appendix 2 Fluoridation Panel HMI Display Explanation
Appendix 3 Fluoridation System Logsheet (prepared by HSC)
Appendix 4 Emergency Response Flowchart
Appendix 5 Benchtop Fluoride Analyser Calibration Steps
Appendix 6 Online Fluoride Analyser Calibration Steps from Prominent Manual
Appendix 7 Siemens As-constructed Functional Description
Appendix 8 Fluoridation Code of Practice Form 2 (Non-operational)
Appendix 9 Fluoridation Code of Practice Form 2 (Quarterly Report)

DRAWINGS

Refer to separate volume of "As-Constructed" Drawing Set.

DSDIP Draft Release

RTI Document No. 566

HINCHINBROOK SHIRE COUNIL

Water Fluoridation

Halifax, Macknade and Forrest Beach WTPs - Standard Operation Procedure

May 2013
HG Project No. 8010-800955-01
HG Document No. R005v1-BR800955-01

DSDIP - RTI Release

RTI Document No. 567

HARRISON GRIERSON CONSULTANTS LIMITED

Document Control Record

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Document	Halifax, Macknade and Forrest Beach - Standard Operation Procedure

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Status	Rev 1 Draft – Commissioning Issue
Originator	Ian Ho - Senior Process Engineer/Associate
Reviewed	Nicola Smalberger – Process Engineer Peter Martin – Hinchinbrook SC W&S Manager
Approved for Issue	Colin Cranfield - Director

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DSDIP - RTI Release

RTI Document No. 568

HINCHINBROOK SHIRE COUNIL

Water Fluoridation

Halifax, Macknade and Forrest Beach - Standard Operation Procedure

May 2013
HG Project No. 8010-800955-01
HG Document No. R005v1-BR800955-01

CONTENTS

		Page
1.0	**INTRODUCTION**	**1**
1.1	DOCUMENT LAYOUT	1
1.2	HEALTH AND SAFETY	2
1.3	RESPONSIBILITIES	3
2.0	**FLUORIDATION SYSTEM DESCRIPTION**	**4**
2.1	SODIUM FLUORIDE	4
2.2	SYSTEM SET-UP	5
2.3	FLUORIDATION PANEL – INDICATOR LIGHTS AND BUTTONS	7
2.4	FLUORIDATION PANEL – HMI DISPLAY	9
2.5	INGHAM DEPOT WTP FLUORIDE DOSING SETUP	9
2.6	INGHAM RIVER PS FLUORIDE DOSING SET-UP	10
2.7	TELEMETRY AND CRITICAL ALARMS	15
3.0	**OPERATING PROCEDURE**	**16**
3.1	DAILY TASK LIST	16
3.2	TWICE WEEKLY ROUTINE	17
3.3	WEEKLY ROUTINE	17
3.4	FORTNIGHTLY ROUTINE	17
3.5	MONTHLY ROUTINE	18
3.6	BIMONTHLY ROUTINE	18
3.7	INFREQUENT MAINTENANCE INSPECTION	18
4.0	**MONITORING PROCEDURE**	**20**
4.1	ONLINE FLUORIDE ANALYSER	20
4.2	DAILY QUALITY SAMPLE COLLECTION	21
4.3	RETICULATION SAMPLE COLLECTION	22
4.4	MONTHLY VERIFICATION SAMPLES	23
4.5	ADDITIONAL SAMPLES	23
4.6	ENTERING TEST RESULTS INTO LOGSHEET	23
5.0	**EMERGENCY RESPONSES**	**24**
5.1	CHEMICAL SPILLAGE	24
5.2	OVERDOSING	25
5.2.1	Online Fluoride Level Exceeds 0.9mg/L	26

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5.2.2 Treated Water Sample Fluoride Level Exceeds 1.5mg/L 27
5.2.3 Treated Water Sample Fluoride Level Exceeds 0.9mg/L 28
5.2.4 Reticulation Sample Fluoride Level Exceeds 0.9mg/L 28
5.2.5 External Fluoride Test Results Exceeding 0.9mg/L 29
5.3 FLUORIDE TEST RESULTS INCONSISTENCY 29
5.4 POWER OUTAGE 30
6.0 RECORD KEEPING AND REPORTING 30
6.1 RECORD KEEPING AND AUDITING 30
6.2 NON-OPERATIONAL REPORT 30
6.3 QUARTERLY REPORT 30
7.0 LIMITATIONS 31
7.1 GENERAL 31
7.2 REVISION CONTROL 31

APPENDICES

Appendix 1 Sodium Fluoride Chemical Safety Data Sheet
Appendix 2 Fluoridation Panel HMI Display Explanation (Awaiting Siemens)
Appendix 3 Fluoridation System Logsheet (prepared by HSC)
Appendix 4 Emergency Response Flowchart
Appendix 5 Benchtop Fluoride Analyser Calibration Steps
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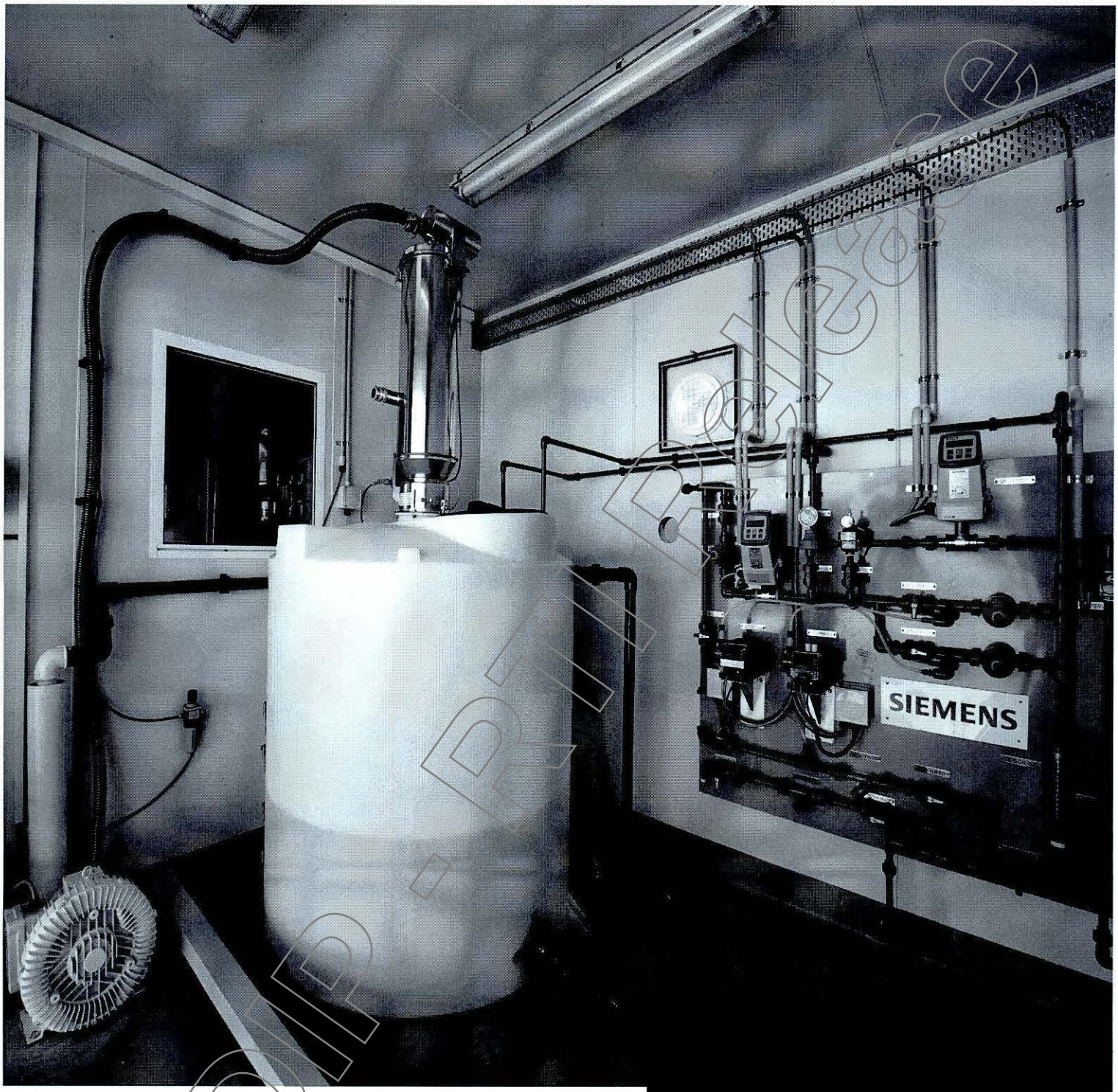
DRAWINGS

Refer to separate volume of "As-Constructed" Drawing Set.

DSDIP Draft Release

RTI Document No. 570

www.siemens.com



Sodium Fluoride Dosing System:

Sodium Fluoride Saturator & Dosing Skid System for Hinchinbrook Shire Council

Operation and Maintenance Manual
Ref: 15012-OM-001

SIEMENS

DSDIP - RTI Release

RTI Document No. 571

[redacted]

SIEMENS

Hinchinbrook
Fluoridation Project

Sodium Fluoride Saturator & Dosing Skid System
Operation and Maintenance Manual

Revision 0

Supplied to:
Hinchinbrook Shire Council

Congratulations on your selection of this Siemens Water Technologies product. In choosing Siemens Water Technologies, you have selected components and systems that are engineered to give you superior dependability and performance, combining advanced technology, functional design and high quality craftsmanship.

Our commitment to quality is equalled only by our commitment to customer

DSDIP - RTIRelease

RTI Document No. 572

Customer Service Contact Information

For customer service, please record your equipment and serial number details and direct your enquiry to:

Siemens Ltd, Water Technologies
ABN 98 004 347 880

160 Herring Road
Macquarie Park
NSW, 2113
Australia

Phone: +61 (02) 9491 5425
Fax: +61 (02) 9491 5144

Document Revision Status

Document Name	Issue	Date of Issue	Prepared	Checked
Operation Manual	0	10th January 2013	Takuma Abe	Edina Aganovic

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The supplier grants a non-exclusive license to the customer to use the intellectual property provided or produced by the supplier in relation to this equipment or as is otherwise required to use the equipment for its intended purpose.

The license granted shall benefit the customer, its agents or contractors and any subsequent owners, lessees, occupiers or operators of the works. The customer shall only use such intellectual property for the execution of the works and the subsequent use and maintenance of the completed works.

SIEMENS

www.siemens.com/water

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RTI Document No. 573

Warnings

Use of the supplied equipment must be strictly in accordance with this manual. Users are especially alerted to any safety requirements herein.

Warning

Warnings related to safety hazards are placed in boxes like this.

Hazard

Bio-hazard warnings are placed in boxes like this.

Stop

Very important safety warnings are placed in boxes like this. Serious injury or death, or damage to equipment will occur if this note is not heeded.

Note

Other important information are highlighted in boxes like this.

DSDIP - RTI release

RTI Document No. 574

Table of Contents

1.0 INTRODUCTION 1

1.1 PRE-AMBLE 1
1.2 PURPOSE AND LIMITATIONS OF THE MANUAL 1

2.0 CHEMICAL DOSING– PLANT SAFETY 2

2.1 INTRODUCTION 2
2.2 SAFETY HAZARDS 2
2.3 CHEMICALS 2
2.3.1 Safety Showers 3
2.3.2 Safety Precautions 3
2.3.3 Spillage 3
2.4 EQUIPMENT 4
2.5 ELECTRICAL EQUIPMENT 4
2.5.1 Precautions 4
2.5.2 Work on or near Installations 5
2.6 FIRE HAZARDS 5
2.7 SAFETY EQUIPMENT 6
2.7.1 First Aid Material 6
2.7.2 Protective Safety Equipment 6
2.8 HOUSE KEEPING 6

3.0 CHEMICAL PREPARATION & DOSING SYSTEMS 8

3.1 SODIUM FLUORIDE: SPECIFIC DETAILS 8
3.1.1 Dosing process 8
3.1.2 Chemical Supply 8
3.1.3 System Performance 8
3.1.4 Drawings 8

4.0 EQUIPMENT 9

4.1 RPZ & SERVICE WATER MAKE-UP BOARD 9
4.2 VACUUM BAG UNLOADER (INGHAM RIVER AND RIVER DEPOT SITES ONLY) 9
4.3 SATURATOR TANK 9
4.3.1 Ingham River and River Depot Site 9
4.3.2 Halifax, Forrest Beach, & Macknade WWTP 10
4.4 CONTAINMENT TANK (WATER TRAP) INGHAM RIVER AND RIVER DEPOT WWTP 10
4.5 DOSING PANEL 10
4.5.1 Skid Frame 10
4.5.2 Suction Pipework 10
4.5.3 Discharge Pipework 11
4.5.4 Metering Pumps 11
4.5.5 Safety Relief Valve 11
4.5.6 Pulsation Dampener 12
4.5.7 Pressure Indicator and gauge guard 12
4.5.8 Back Pressure Valve 12
4.5.9 Flowmeter 12
4.5.10 Fluoride Analyser 12

5.0 INSTALLATION, TESTING AND COMMISSIONING 13

5.1 GENERAL INSTALLATION 13
5.2 INSTALLATION OF NEW EQUIPMENT 13

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RTI Document No. 575

5.3 TESTING REQUIREMENTS 14
5.4 CHEMICAL DOSAGE 14
5.5 TESTING AND PRE-COMMISSIONING 16
5.5.1 Dosing Pump Test – Pre-commissioning 16

6.0 OPERATING INSTRUCTIONS 18

6.1 CHECKS BEFORE STARTING 18
6.2 STARTING 18
6.3 CONTINUOUS OPERATION 18
6.3.1 Regular Dosing 18
6.3.2 Calibration drop tests 19
6.3.3 Flushing 19
6.3.4 Duty/Standby change-over 19
6.4 STOPPING 19

7.0 MAINTENANCE 20

7.1 TANK CLEANING 20
7.2 ROUTINE MAINTENANCE 20
7.3 REPAIR AND OVERHAULING 22
7.4 TROUBLESHOOTING 22
7.5 RECOMMENDED SPARES LIST 23

8.0 DRAWINGS AND EQUIPMENT DOCUMENTATION 24

9.0 VENDOR MANUALS, ITP'S AND EQUIPMENT DATA - CONTENTS 26

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RTI Document No. 576

HINCHINBROOK SHIRE COUNCIL

Macknade WTP Fluoridation Facilities

Operations and Maintenance Manual

DSDIP - RTI Release

SWITCHBOARDS
electrical switchboard design, manufacture & installation

p: 07 4035 2411
f: 07 4035 2499
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242 - 244 Hartley Street
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Cairns QLD 4870

RTI Document No. 577

Document Control

Document Name	**Operations and Maintenance Manual**
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Current Release	**Rev A**
Written by	**DMS**
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Authorised by	**ID**

Revision History

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A	12 June 2013	As Installed

DSDIP - RTI Release

RTI Document No. 578

CONTENTS

Fluoride Plant

1.0 System Description ..... 2 Page

2.0 Equipment Schedules
2.1 Equipment Schedule ..... 2 Pages
2.2 Suppliers ..... 1 Pages

3.0 Equipment Supplied by JM Switchboards
3.1 Circuit Breakers ..... 21 Pages
3.2 Surge Diverter ..... 1 Page
3.3 Contactor, Selector Switches and Emergency Lighting Test Unit. ..... 11 Pages
3.4 Power and Light fittings ..... 9 Pages
3.5 Exhaust Fan, Vent & Cover ..... 2 Pages
3.6 Level Floats & Flow Switch ..... 27 Pages
3.7 Distribution Board & Enclosures ..... 4 Pages
3.8 JMS Drawings ..... 4 Pages
3.9 Test Certificates ..... 11 Pages

4.0 Flowmeters ..... 101 Pages

5.0 Security System ..... 63 Pages

6.0 Airconditioners ..... 41 Pages

DSDIP - RTI Release

RTI Document No. 579

HINCHINBROOK SHIRE COUNCIL

Ingham River Fluoridation Facilities

Operations and Maintenance Manual

DSDIP - RTI Release

SWITCHBOARDS
electrical switchboard design, manufacture & installation

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RTI Document No. 580

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Reviewed by	**ID**
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DSDIP - RTI Release

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CONTENTS

Fluoride Plant

1.0 System Description ..... 2 Page

2.0 Equipment Schedules
2.1 Equipment Schedule ..... 2 Pages
2.2 Suppliers ..... 1 Pages

3.0 Equipment Supplied by JM Switchboards
3.1 Circuit Breakers ..... 21 Pages
3.2 Surge Diverter ..... 1 Page
3.3 Contactor, Selector Switches and Emergency Lighting Test Unit. ..... 11 Pages
3.4 Power and Light fittings ..... 9 Pages
3.5 Exhaust Fan, Vent & Cover ..... 2 Pages
3.6 Level Floats & Flow Switch ..... 27 Pages
3.7 Distribution Board & Enclosures ..... 4 Pages
3.8 JMS Drawings ..... 4 Pages
3.9 Test Certificates ..... 11 Pages

4.0 Flowmeters ..... 101 Pages

5.0 Security System ..... 63 Pages

6.0 Airconditioners ..... 41 Pages

DSDIP - RTI Release

RTI Document No. 582

HINCHINBROOK SHIRE COUNCIL

Ingham Depot Fluoridation Facilities

Operations and Maintenance Manual

DSDIP - RTI Release

SWITCHBOARDS
electrical switchboard design, manufacture & installation

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RTI Document No. 583

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Authorised by	**ID**

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A	12 June 2013	As Installed

DSDIP - RTI Release

RTI Document No. 584

CONTENTS

Fluoride Plant

1.0 System Description ..... 2 Page

2.0 Equipment Schedules
2.1 Equipment Schedule ..... 2 Pages
2.2 Suppliers ..... 1 Pages

3.0 Equipment Supplied by JM Switchboards
3.1 Circuit Breakers ..... 21 Pages
3.2 Surge Diverter ..... 1 Page
3.3 Contactor, Selector Switches and Emergency Lighting Test Unit. ..... 11 Pages
3.4 Power and Light fittings ..... 9 Pages
3.5 Exhaust Fan, Vent & Cover ..... 2 Pages
3.6 Level Floats & Flow Switch ..... 27 Pages
3.7 Distribution Board & Enclosures ..... 4 Pages
3.8 JMS Drawings ..... 4 Pages
3.9 Test Certificates ..... 11 Pages

4.0 Flowmeters ..... 101 Pages

5.0 Security System ..... 63 Pages

6.0 Airconditioners ..... 41 Pages

DSDIP - RTI Release

RTI Document No. 585

HINCHINBROOK SHIRE COUNCIL

Halifax WTP Fluoridation Facilities

Operations and Maintenance Manual

DSDIP - RTI Release

SWITCHBOARDS
electrical switchboard design, manufacture & installation

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CONTENTS

Fluoride Plant

1.0 System Description ..... 2 Page

2.0 Equipment Schedules
2.1 Equipment Schedule ..... 2 Pages
2.2 Suppliers ..... 1 Pages

3.0 Equipment Supplied by JM Switchboards
3.1 Circuit Breakers ..... 21 Pages
3.2 Surge Diverter ..... 1 Page
3.3 Contactor, Selector Switches and Emergency Lighting Test Unit. ..... 11 Pages
3.4 Power and Light fittings ..... 9 Pages
3.5 Exhaust Fan, Vent & Cover ..... 2 Pages
3.6 Level Floats & Flow Switch ..... 27 Pages
3.7 Distribution Board & Enclosures ..... 4 Pages
3.8 JMS Drawings ..... 4 Pages
3.9 Test Certificates ..... 11 Pages

4.0 Flowmeters ..... 101 Pages

5.0 Security System ..... 63 Pages

6.0 Airconditioners ..... 41 Pages

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RTI Document No. 588

HINCHINBROOK SHIRE COUNCIL

Forest Beach WTP Fluoridation Facilities

Operations and Maintenance Manual

DSDIP - RTI Release

SWITCHBOARDS
electrical switchboard design, manufacture & installation

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Written by	**DMS**
Reviewed by	**ID**
Authorised by	**ID**

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A	12 June 2013	As Installed

DSDIP - RTI Release

RTI Document No. 590

CONTENTS

Fluoride Plant

1.0 System Description ..... 2 Page

2.0 Equipment Schedules
2.1 Equipment Schedule ..... 2 Pages
2.2 Suppliers ..... 1 Pages

3.0 Equipment Supplied by JM Switchboards
3.1 Circuit Breakers ..... 21 Pages
3.2 Surge Diverter ..... 1 Page
3.3 Contactor, Selector Switches and Emergency Lighting Test Unit. ..... 11 Pages
3.4 Power and Light fittings ..... 9 Pages
3.5 Exhaust Fan, Vent & Cover ..... 2 Pages
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3.9 Test Certificates ..... 11 Pages

4.0 Flowmeters ..... 101 Pages

5.0 Security System ..... 63 Pages

6.0 Airconditioners ..... 41 Pages

DSDIP - RTI Release

RTI Document No. 591

PAYNTER DIXON
BUILDING YOUR BUSINESS

Ref: HSC0101
Enq: MC
Ph: 0409 620 342

CERTIFICATE OF CONFORMANCE
HINCHINBROOK FLUORIDATION PLANTS

With reference to the above project, we confirm the following:

1. The project has been installed in accordance with the construction documentation and specification, with changes noted in marked drawings and the as-constructed documentation
2. All inspections and tests have been completed in accordance with the submitted Quality Plan and Commissioning Plan
3. The installation complies with all relevant Australian Standards

Sch. 4(4)(6)

Matt Cassidy – Project Manager
For and on behalf of
PAYNTER DIXON QUEENSLAND PTY LTD

DSDIP - RTI Release

RTI Document No. 592

20/02/2013

			23.9%	23.0%	18.0%	18.5%	16.6%	
			Depot WTP	Ing Water PS	Halifax WTP	MKD WTP	Forrest Beach	
CX.02103	**Fluoridisation Concept Design Report**							
	Professional Fees	$ 21,423.56	$ 5,120.23	$ 4,927.42	$ 3,856.24	$ 3,963.36	$ 3,556.31	$ 21,423.56
CX.02159	**Fluoridisation - Site Survey Work**	$ 16,150.00						
	Contractors (not machinery)	$ 15,625.00	$ 3,734.38	$ 3,593.75	$ 2,812.50	$ 2,890.63	$ 2,593.75	$ 15,625.00
	Hire of Vacuum Excavation Equipment	$ 525.00	$ 125.48	$ 120.75	$ 94.50	$ 97.13	$ 87.15	$ 525.00
CX.02160	**Fluoridisation - Geotechnical Work**	$ 19,856.15						
	Contractors (not machinery)	$ 19,031.15	$ 4,548.44	$ 4,377.16	$ 3,425.61	$ 3,520.76	$ 3,159.17	$ 19,031.15
	Hire of Vacuum Excavation Equipment	$ 825.00	$ 197.18	$ 189.75	$ 148.50	$ 152.63	$ 136.95	$ 825.00
CX.02770	**Fluoridisation Survey**	$ 6,876.57						
	Professional Fees	$ 6,876.57	$ 1,643.50	$ 1,581.61	$ 1,237.78	$ 1,272.17	$ 1,141.51	$ 6,876.57
CX.02852	**Fluoridisation - Telemetry Setup**	$ 2,343.00						
	Professional Fees	$ 2,343.00	$ 559.98	$ 538.89	$ 421.74	$ 433.46	$ 388.94	$ 2,343.00
CX.02158	**Fluoridisation Detailed Engineering Design**	$ 241,016.95						
	Professional Fees	$ 241,016.95	$ 57,603.05	$ 55,433.90	$ 43,383.05	$ 44,588.14	$ 40,008.81	$ 241,016.95
CX.03101	**Fluoridisation - PPE Setup**	$ 6,057.45						
	Materials and Equipments	$ 6,057.45	$ 1,447.73	$ 1,393.21	$ 1,090.34	$ 1,120.63	$ 1,005.54	$ 6,057.45
CX.03102	**Fluoridisation - Training**	$ 20,901.49						
	Training	$ 20,901.49	$ 4,995.46	$ 4,807.34	$ 3,762.27	$ 3,866.78	$ 3,469.65	$ 20,901.49
CX.02937	**Fluoridisation - Request for Information**	$ 2,780.30						
	Information	$ 2,780.30	$ 664.49	$ 639.47	$ 500.45	$ 514.36	$ 461.53	$ 2,780.30
CX.03104	**Fluoridisation - Commisioning**	$ 27,819.64						
	Commisioning	$ 27,819.64	$ 6,648.89	$ 6,398.52	$ 5,007.54	$ 5,146.63	$ 4,618.06	$ 27,819.64
CX.02905	**Fluoride-Buildings & Equipment InghamWPS**	$ 717,837.66						
	Internal Applicatin	$ 566.00		$ 566.00				$ 566.00
	Contractors (not machinery)	$ 717,271.66		$ 717,271.66				$ 717,271.66
CX.02906	**Fluoride-Buildings & Equipment Depot WTP**	$ 696,194.56						
	Internal Applicatin	$ 566.00	$ 566.00					$ 566.00
	Contractors (not machinery)	$ 695,628.56	$695,628.56					$ 695,628.56
CX.02907	**Fluoride-Buildings&Equipment HalifaxWTP**	$ 545,020.79						
	Internal Applicatin	$ 566.00			$ 566.00			$ 566.00
	Contractors (not machinery)	$ 544,454.79			$ 544,454.79			$ 544,454.79
CX.02908	**Fluoride-Buildings&Equipment MacknadeWTP**	$ 558,546.30						
	Internal Applicatin	$ 566.00				$ 566.00		$ 566.00
	Contractors (not machinery)	$ 555,089.90				$555,089.90		$ 555,089.90
	Electrical Contractor	$ 2,890.40				$ 2,890.40		$ 2,890.40
CX.02909	**Fluoride-Buildings&Equipment F/BeachWTP**	$ 610,545.52						
	Internal Applicatin	$ 566.00					$ 566.00	$ 566.00
	Contractors (not machinery)	$ 609,979.52					$ 609,979.52	$ 609,979.52
			Depot WTP	Ing Water PS	Halifax WTP	MKD WTP	Forrest Beach	
		$ 3,493,369.94	$783,483.36	$ 801,839.44	$ 610,761.31	$626,112.95	$ 671,172.89	$ 3,493,369.94

DSDIP RTI Release

RTI Document No. 593

PAYNTER DIXON QUEENSLAND PTY LTD
ABN : 32 060 951 162

PAYNTER DIXON
BUILDING YOUR BUSINESS

CLIENT: Hinchinbrook Shire Council
25 Lannercost Street, Ingham, Q4850

DATE: 08-July-2013

PROJECT: Fluoridation Plants - HSC0101

CLAIM No: 9 - Works completed to 30 June, 2013

DISCIPLINE	Original	Previous % Completed	% Completed	Value Completed
1.1 PRELIMINARIES				
2.1.1.1 Preliminaries	337,690	100%	100%	337,690
2.1.1.2 Supervision and Labour	386,171	100%	100%	386,171
Sub Total Preliminaries:	***723,861***			***723,861***
1.2 INGHAM DEPOT TREATMENT PLANT				
2.1.2.1 - Site Works	10,192	100%	100%	10,192
2.1.2.2 - Earthworks	28,191	100%	100%	28,191
2.1.2.3 - Access Work	16,660	100%	100%	16,660
2.1.2.4 - Restoration	5,593	100%	100%	5,593
2.1.2.5 - Fluoridation Building	148,522	100%	100%	148,522
2.1.2.6 - Pipework	40,165	100%	100%	40,165
2.1.2.7 - Miscellaneous	6,987	100%	100%	6,987
Sub Total Trades - Ingham Depot Treatment Plant:	***256,310***			***256,310***
1.3 INGHAM RIVER PUMP STATION TREATMENT PLANT				
2.1.3.1 - Site Works	10,558	100%	100%	10,558
2.1.3.2 - Earthworks	10,814	100%	100%	10,814
2.1.3.3 - Roadworks	14,526	100%	100%	14,526
2.1.3.4 - Restoration	5,593	100%	100%	5,593
2.1.3.5 - Fluoridation Building	147,236	100%	100%	147,236
2.1.3.6 - Pipework	76,055	100%	100%	76,055
2.1.3.7 - Miscellaneous	25,693	100%	100%	25,693
Sub Total Trades - Ingham River PS Treatment Plant:	***290,475***			***290,475***
1.4 HALIFAX TREATMENT PLANT				
2.1.4.1 - Site Works	11,375	100%	100%	11,375
2.1.4.2 - Earthworks	8,540	100%	100%	8,540
2.1.4.3 - Restoration	5,593	100%	100%	5,593
2.1.4.4 - Fluoridation Building	120,318	100%	100%	120,318
2.1.4.5 - Pipework	21,643	100%	100%	21,643
2.1.4.6 - Miscellaneous	7,089	100%	100%	7,089
Sub Total Trades - Halifax Treatment Plant:	***174,558***			***174,558***
1.5 MACKNADE TREATMENT PLANT				
2.1.5.1 - Site Works	10,192	100%	100%	10,192
2.1.5.2 - Earthworks	8,540	100%	100%	8,540
2.1.5.3 - Restoration	5,593	50%	100%	5,593
2.1.5.4 - Fluoridation Building	120,329	100%	100%	120,329
2.1.5.5 - Pipework	28,957	100%	100%	28,957
2.1.5.6 - Miscellaneous	3,490	100%	100%	3,490
Sub Total Trades - Macknade Treatment Plant:	***177,101***			***177,101***
1.6 FORREST BEACH TREATMENT PLANT				
2.1.6.1 - Site Works	11,763	100%	100%	11,763
2.1.6.2 - Earthworks	11,666	100%	100%	11,666
2.1.6.3 - Restoration	5,593	100%	100%	5,593
2.1.6.4 - Fluoridation Building	156,576	100%	100%	156,576
2.1.6.5 - Pipework	57,120	100%	100%	57,120
2.1.6.6 - Miscellaneous	3,490	100%	100%	3,490
Sub Total Trades - Forrest Beach Treatment Plant:	***246,208***			***246,208***

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RTI Document No. 594

PAYNTER DIXON QUEENSLAND PTY LTD
ABN : 32 060 951 162

PAYNTER DIXON
BUILDING YOUR BUSINESS

CLIENT: Hinchinbrook Shire Council
25 Lannercost Street, Ingham, Q4850

DATE: 08-July-2013

PROJECT: Fluoridation Plants - HSC0101

CLAIM No: 9 - Works completed to 30 June, 2013

DISCIPLINE	Original	Previous % Completed	% Completed	Value Completed
1.7 FLUORIDATION SYSTEMS - INGHAM DEPOT & RIVER PS				
2.1.7.1 - Fluoridation System	248,221	100%	100%	248,221
2.1.7.2 - Pipe Connections	4,746	100%	100%	4,746
2.1.7.3 - Commissioning	43,962	85%	100%	43,962
2.1.7.4 - Miscellaneous	15,503	100%	100%	15,503
2.1.7.5 - Credit for Siemens Switchboards	-15,048	100%	100%	- 15,048
Sub Total Trades - Fluoridation Systems (25kg):	***297,384***			***297,384***
1.8 FLUORIDATION SYSTEMS - HALIFAX, MACKNADE & FORREST BEACH				
2.1.8.1 - Fluoridation System	404,974	100%	100%	404,974
2.1.8.2 - Pipe Connections	4,746	100%	100%	4,746
2.1.8.3 - Commissioning	57,599	83%	100%	57,599
2.1.8.4 - Miscellaneous	0	100%	100%	-
2.1.8.5 - Credit for Siemens Switchboards	-22,952	100%	100%	- 22,952
Sub Total Trades - Fluoridation Systems (5kg):	***444,367***			***444,367***
1.9 ELECTRICAL AND CONTROL SYSTEMS				
2.1.9.1 - Electrical and Control System	263,666	100%	100%	263,666
2.1.9.2 - Commissioning	27,769	60%	100%	27,769
2.1.9.3 - Miscellaneous	37,700	100%	100%	37,700
Sub Total Trades - Fluoridation Systems (25kg):	***329,135***			***329,135***
2.0 VARIATIONS				
V1 - EoT claim	63,094	100%	100%	63,094
V2 - Ingham River building changes	-22,204	100%	100%	- 22,204
V3 - Seepage Drainage	3,623	100%	100%	3,623
V4 - Remove trees at Forrest Beach	1,152	100%	100%	1,152
V5 - Reduce pipe runs and Forrest Beach	TBC			
V6 - Move Macknade building location	TBC			
V7 - Asbestos pipe in dosing pit - River PS	21,608	100%	100%	21,608
V8 - Dewatering to Forrest Beach	3,665	100%	100%	3,665
V9 - Relocate vent to waste tank	5,615	100%	100%	5,615
V10 - Sample water discharge dosing head arrangement	9,258	100%	100%	9,258
V11 - Plumbing arrangement for water softeners	16,878	100%	100%	16,878
Sub Total Variations:	***102,689***			***102,689***
TOTAL COSTS OF WORKS COMPLETED TO DATE:	**$3,042,088**		**100%**	**$3,042,088**

LESS PREVIOUS CLAIMS (approved amounts)

Tax Invoice 4427 - Claim 8	$257,922
Tax Invoice 4371 - Claim 7	$556,716
Tax Invoice 4317 - Claim 6	$697,934
Tax Invoice 4270 - Claim 5	$523,810
Tax Invoice 4213 - Claim 4	$232,236
Tax Invoice 4169 - Claim 3	$297,888
Tax Invoice 4124 - Claim 2	$156,899
Tax Invoice 4102 - Claim 1	$287,971
Total Invoiced To Date:	$3,011,376

TOTAL THIS CLAIM EXCL. GST	**$30,712.02**

This Claim has been prepared and made in accordance with the 'Building and Construction Industry Payments Act 2004'.

Agreed Contract Payment Conditions

28 days in accordance with Clause 42.1 of the Contract

CON-DOC-001-01-01

DSDIP - RTI Release

RTI Document No. 595

HINCHINBROOK SHIRE COUNCIL
11 FEB 2014
RECEIVED

Queensland Government

Forensic and Scientific Services
HSSA | Health Services Support Agency

CERTIFICATE OF ANALYSIS

CLIENT : (HEHTN)

Environmental Health - Townsville
Townsville Public Health Unit
242 Walker Street
TOWNSVILLE QLD 4810

ATTN: N. Fredericks

Laboratory Reference : SSP0038699
Client Order No. : FREDERICKS_N
Date Received : 13-Jan-2014
Laboratory Number : 14NA226
Batch No : 616-39

Client Reference : HIN911
Date Sampled : 09-Jan-2014
Sample Point : Halifax WTP SP29 pH 6.81, Cl 0.6, F 0.56
Sample Source : Ground
Owner : N. Fredericks

Submitting Authority : Hinchinbrook Shire Council
Reason for Analysis : Compliance
Water Treatment : Chlorinated

Method		Units	Result	Guidelines ** Health	Guidelines ** Aesthetic
18320	Conductivity @ 25°C	µs/cm	185		
18226	pH	at 23°C	7.39	6.5 - 8.5	
18209	Total Hardness*	mg $CaCO_3$/L	33	200	
18209	Temporary Hardness*	mg $CaCO_3$/L	33		
18208	Alkalinity*	mg $CaCO_3$/L	33		
18209	Residual Alkalinity*	meq/L	0.0		
18195	Silica	mg/L	36	80	
18209	Total Dissolved Ions*	mg/L	114		
18209	Total Dissolved Solids*	mg/L	129	600	
18206	True Colour	Hazen	<1	15	
18212	Turbidity	NTU	1	5	
18209	pH Sat.* (calc. for $CaCO_3$)		9.0		
18209	Saturation Index*		-1.6		
18209	Mole Ratio*		2.8		
18209	Sodium Absorpt. Ratio*		1.6		
18209	Figure of Merit Ratio*		0.7		

Method		Units	Result	Guidelines ** Health	Guidelines ** Aesthetic
	CATIONS				
18195	Sodium	mg/L	21		180
18195	Potassium	mg/L	1.9		
18195	Calcium	mg/L	8.5		
18195	Magnesium	mg/L	2.8		
18209	Hydrogen*	mg/L	0.0		
	ANIONS				
18209	Bicarbonate*	mg/L	40		
18209	Carbonate*	mg/L	0.1		
18209	Hydroxide*	mg/L	0.0		
18204	Chloride	mg/L	22		250
18204	Fluoride	mg/L	0.62	1.5	
18204	Nitrate	mg/L	8.8	50	
18204	Sulphate	mg/L	7.7	500	250
	OTHER DISSOLVED ELEMENTS				
18195	Iron	mg/L	<0.01		0.3
18195	Manganese	mg/L	<0.01	0.5	0.1
18195	Zinc	mg/L	0.04		3
18195	Aluminium	mg/L	<0.05		0.2
18195	Boron	mg/L	0.02	4	
18195	Copper	mg/L	<0.03	2	1

Notes: * parameter is derived from calculation.
** Australian Drinking Water Guidelines 2011 (ADWG) Health and Aesthetic Values
'-' not determined

Lab use Only: TE 359.00 TC 1.63 TA 1.61 Imb 0.02 A I/C 0.50

Please note that the concentration of total elements present may be higher than that of dissolved elements stated in this report.
The water complies with Australian Drinking Water Guidelines 2011 for the parameters tested.

Sch. 4(4)(6)

Tatiana Komarova
Chemist, Inorganic Chemistry
20-Jan-2014

NATA Accredited Laboratory 41 Accredited for compliance with ISO/IEC 17025.

14NA226

This report overrides all previous reports. The results relate solely to the sample/s as received and are limited to the specific tests undertaken as listed on the report. The results on this report are confidential and are not to be used or disclosed to any other person or used for any other purpose, whether directly or indirectly, unless that use is disclosed or the purpose is expressly authorised in writing by Queensland Health and the named recipient on this report. To the fullest extent permitted by law, Queensland Health will not be liable for any loss or claim (including legal costs calculated on an indemnity basis which arise because of (a) problems related to the merchantability, fitness or quality of the sample/s, or (b) any negligent or unlawful act or omissions by Queensland Health that is connected with any activities or services provided by Queensland Health under this agreement (including the timing and/or method under which the sample/s were taken, stored or transported).

Enquiries Tatiana Komarova
Phone
39 Kessels Road
Coopers Plains QLD 4108
AUSTRALIA
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AUSTRALIA
Phone (+61 7) 3274 9111
Fax (+61 7) 3000 9628
Email FSS@health.qld.gov.au

DSDIP - RTI Release
RTI Document No. 596

Final Subsidy Post-Commissioning Checklist

IPMG Infrastructure Project Management Group

SCHEME INFORMATION	
Name of Public Potable Water Supplier	HINCHINBROOK SHIRE COUNCIL
Name of Scheme	HALIFAX WTP

COMMISSIONING	Included
A commissioning plan was prepared that included the following:	
Treatment plant operational requirements *e.g. Whether high flow or low flow simulation will be required*	✓
Resources required *Including treatment plant operator attendance, key vendor representation*	✓
Training	✓
Risk assessment and contingency plans	✓
Operational Health and Safety Considerations	✓
Public interest consideration *e.g. Noise, visuals*	✓
Community communication	✓
Quality Assurance Program compliance	✓
Environmental Impacts	✓
Acceptance testing requirements and acceptance criteria for the various components	✓
Details on how any variation in raw water fluoride levels during the commissioning process will be managed	✓
The commissioning activity included the following:	
Inspection and performance tests of all structures *Under actual operating conditions*	✓
Inspection and performance tests of all pipelines *Under actual operating conditions*	✓
Inspection and performance tests of all equipment, systems and processes *Under actual operating conditions in manual and automatic modes*	✓
Dry and wet testing	✓
Calibration of metering pumps and feeders	✓
Calibration of all instruments	✓
Testing and commissioning of electric, instrumentation and control systems	✓
Testing and commissioning of alarm annunciators, set points and other control systems	✓
Activation of alarms by inducing actual fault conditions *Including tests of the common failure modes for under-dosing and over-dosing*	✓

Note: Italicised text is provided only as guidance

DRINKING WATER

RTI Document No. 597

	Included
Function checks on interlocks and control systems	✓
The acceptance test specifications included:	
The conditions under which the tests are to be performed *e.g. high or low flow conditions*	✓
The proving period for each condition	✓
The acceptable test results	✓
What commissioning activities were to be repeated in the event of failures	✓

CERTIFICATION

I / We certify that:

- Commissioning has included all of the items in this completed checklist.
- The scope and detail of commissioning is sufficient to meet normally accepted requirements for the commissioning of similar facilities.

Certification by person responsible for water supply services e.g. Water Supply & Sewerage Engineer

Name	COLIN CRANFIELD
Title	TECHNICAL DIRECTOR
RPEQ Number	3784040
Signature	Sch. 4(4)(6)
Date	05/03/2014

Certification by Fluoridation Equipment Supplier

Name	PAUL CURTIS
Title	ORDER EXECUTION MANAGER ENVIRA LTD
Signature	Sch. 4(4)(6)
Date	5/3/2014

DSDIP RTI

Note: Italicised text is provided only as guidance

RTI Document No. 598

Water Fluoridation Code of Practice
Compliance Statement

IPMG Infrastructure Project Management Group

SCHEME

Name of Public Potable Water Supplier	HINCHINBROOK SHIRE COUNCIL

CERTIFICATION

I / We certify that:

- The design for the fluoridation facility meets the design requirements for the Water Fluoridation Code of Practice, including reasonable allowance for scenarios likely to be encountered during the lifetime of the facility;
- The facility has been constructed in accordance with the design to meet the requirements of the Water Fluoridation Code of Practice;
- The scope and extent of commissioning was sufficient to prove compliance with the Water Fluoridation Code of Practice, including reasonable allowance for scenarios likely to be encountered during the lifetime of the facility;
- Staff have received adequate training to ensure ongoing adequate operation and maintenance of the fluoridation facility in accordance with the Water Fluoridation Code of Practice;
- A monitoring programme has been established in accordance with the requirements of the Water Fluoridation Code of Practice, and the monitoring program demonstrates compliance with the performance requirements of the Water Fluoridation Code of Practice;
- Documentation and contingency plans have been established in accordance with requirements of the Water Fluoridation Code of Practice;
- Overall, the facility meets all the requirements of the Water Fluoridation Code of Practice, and it is reasonable to expect that it will continue to do so in the future.

Certification by person responsible for water supply services e.g. Water Supply & Sewerage Engineer

Name	CALUM CRANFIELD
Title	TECHNICAL DIRECTOR
RPEQ Number	3784040
Signature	Sch. 4(4)(6)
Date	05/03/2014
Name	PAUL CURTIS
Title	ORDER EXECUTION MANAGER EXERVA LTD.
Signature	Sch. 4(4)(6)
Date	05/03/2014

DSDIP Release

RTI Document No. 599

Hinchinbrook Fluoridation – Close out Report

Lessons Learnt

Looking at the Hinchinbrook Fluoridation Project in overview, Council can note some items that may assist the Department for future implementations. A list of these is given below:

- Hinchinbrook Shire Council has 5 water treatment plants, all of which now have fluoridation. There are a total of 3 water schemes in the Shire. The Fluoridation Funding was set up with 5 separate agreements for each Fluoridation Plant. It would have been preferred if these agreements were rolled into one.

- The delay in payment and ongoing request for documentation placed strain on Council and created a shortfall in Council's cash flow. It would have been helpful if required documentation, e.g. Statutory Declarations, was requested at the beginning of the project and Council could have gathered these from companies after invoices were processed.

- It may have been of advantage for the Shire to have the broad technical specifications determined by a Technical Specification Committee appointed by the State Department Proposing the implementation of a process. These Specifications could then be set up to suit a range of scheme sizes. There would have been a significant cost saving to Local Government and the State Government if there was say six (6) standard treatments to suit various size schemes that could be applied according to the number of connections. These standardised solutions could then be modified according to local conditions but would not need Technical review or detailed first principals design. A further advantage may be that the limited number of equipment suppliers could be contacted prior to projects commencing to collaborate on specifications and arrange Standing Offer pricing.

DSDIP - RTI Release

Ref 120

Public potable water supplier:

Hinchinbrook Shire Council

Project name:

Ingham Depot WTP Fluoridation

Fluoridation of the Ingham Depot **water treatment plant**

DSDIP - RTI Release

RTI Document No. 601

Introduction

The objective of this report is to provide the Queensland Government with:

- a summary of activities that took place to achieve the goals of the project (by completing the below questions)
- support for the last funding expenditure reimbursement claim.
- a notification the project has been completed.

Instructions

Please answer all questions relevant to your project. If you are unable to provide an answer, please state so. If the question is not applicable to your project, please answer "Not Applicable" and why this is so.

1. Project details

Please insert the details about your project in the table below.

Project name	Ingham Depot WTP
Approval date	14 September 2011
Funding agreement execution date	16 November 2011
Approved funding ($)	742,320
Funding paid to date ($)	$668,088
Population served	7218

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RTI Document No. 602

2. Construction details

Please insert the construction details about your project in the table below.

Procurement methodology	Client Design / Construct Only (Competitive Tender)	
Concept design prepared by	Harrison Grierson Consultants PTY Ltd	
Detailed design prepared by	Harrison Grierson Consultants PTY Ltd	
Construction awarded to	Paynter Dixon	
Fluoridation equipment supplier	Siemens Water	
Flow meters utilised (type and size)	Siemens	
Concentration analysers utilised	Prominent	
Remote monitoring equipment (if installed)	Citek based SCADA System by Cooper Industries as all other W&S equipment used this remote monitoring	
Plant capacity including minimum and maximum flow demands	Fluoride Dose (kgF/d) at Min Water Demand 3	Fluoride Dose (kgF/d) at Max Water Demand 4.8
Chemical type	Sodium Fluoride	

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RTI Document No. 603

3. Timelines

Please provide the dates for your project milestones in the table below.

Activity	Original forecasted date	Actual completion date
Commencement of Fluoride concept design report (FCDR)	December 2010	December 2010
Construction commencement	June 2011	October 2012
Commencement date of proof of performance testing	December 2011	June 2013
Completion date of proof of performance testing	January 2012	July 2013
Commissioning date/hand over to PPWS	January 2012	12/11/2013
Training completed and competency gained	December 2011	17 June 2013

Please complete the questions below about your project timelines.

3.1 Has there been any major delays to the **construction** of the fluoride facility?

Yes / (**No**) (please circle)

3.2 If yes, what caused these delays? (you may attach a report detailing the reasons for the delays)

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RTI Document No. 604

4. Costs

Please insert your project costs in the table below and provide further information if applicable to the question below.

Activity	Original forecasted amount	Actual amount
Final cost of planning, design and construction	$956,000	$783,483.36
Commissioning costs	Included above	Included above
Cost of chemical supply per bag (including freight)	$62/bag	$72.38/25kg pail

4.1 If the project was completed at a higher than estimated cost and the contingency amount was required, please provide a brief explanation as to why this occurred (you may attach a report detailing the reasons for the increased cost).

Higher chemical cost is due to the adoption of 5kg sodium fluoride bottles at Halifax, Macknade and Forrest Beach as part of value – engineering exercise during detailed engineering to reduce capital cost.

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RTI Document No. 605

5. Closure

Please provide further details on the items listed below (you may use attachments):

5.1 Proof of performance testing criteria
14 days daily test. Refer to attached Daily Record Sheets.
Final fluoride level 0.7 ± 0.1 mg/L

5.2 Proof of performance testing results
Refer to Long Term Monitoring Data

5.3 Water analysis results
Refer to Laboratory Results

5.4 Please provide a list of outstanding business activities, risks and issues associated with the project.
None to report.

5.5 What closure activities still require completion?
Minor defects, Defect Liability Period ends on 8th July 2014

5.6 Please provide any 'lesson(s) learnt' which could assist future implementations (you may use attachments). This may include any experience you had with your contractors.
See attached.

Please circle an answer to each of the questions below, If the answer is 'to be completed' please insert the date for which it will be completed by.

5.7. Is hand over of the project deliverables and documentation
Completed / to be completed by _____

5.8 Termination of any supplier contracts:
Completed / to be completed by _____

5.9 Release resources
Completed / to be completed by 8 July 2014

5.10 Undertake closure communication (for example Queensland Health)
Completed / to be completed by 9 March 2014

DSDIP RTI Release

RTI Document No. 606

6. Photographs

Please provide electronic copies of photographs showing the following:

- the completed project
- photographs of the project during construction
- a photograph of the dosing meter showing the dosing level
- A copy of the 24 hour trend graph indicating WTP flow and fluoride levels.

7. Documentation

Please provide copies of the following documents:

- the Certificate(s) of Practical Completion issued by the superintendent(s) (See Attachment)
- the Certificates of Final Acceptance Tests – (Refer to HSC Long Term Operational Data)
- written evidence the fluoride facility has met the performance requirements of the Regulation for a period of not less than 14 consecutive operating days and continues to do so (Refer to HSC Long Term Operational Data)
- written evidence two (2) plant operators per fluoride facility have completed qualified training (See attached)
- written evidence the associated documentation (e.g. operation and maintenance manuals, as-constructed information) is complete in all respects (See attached)
- the certified contract payment schedules, the Certificate(s) of Practical Completion and the Certificates of Final Acceptance Tests (See attached)
- the final Budget and cost report (See attached)
- results of tests carried out in accordance with the Regulation demonstrating that the fluoride facility is meeting the requirements of the Regulation (See attached)
- the completed final subsidy post-commissioning checklist (See attached)
- a statement of compliance with the Regulation. (See attached)

DSDIP RTI Release

RTI Document No. 607

9. Sign Off

I certify that the information provided in this report is an accurate reflection of project activities.

Sch. 4(4)(6)

Signed

Colin Gray

Project Manager

Sch. 4(4)(6)

Signed

Leanne Mash

Chief Executive Officer

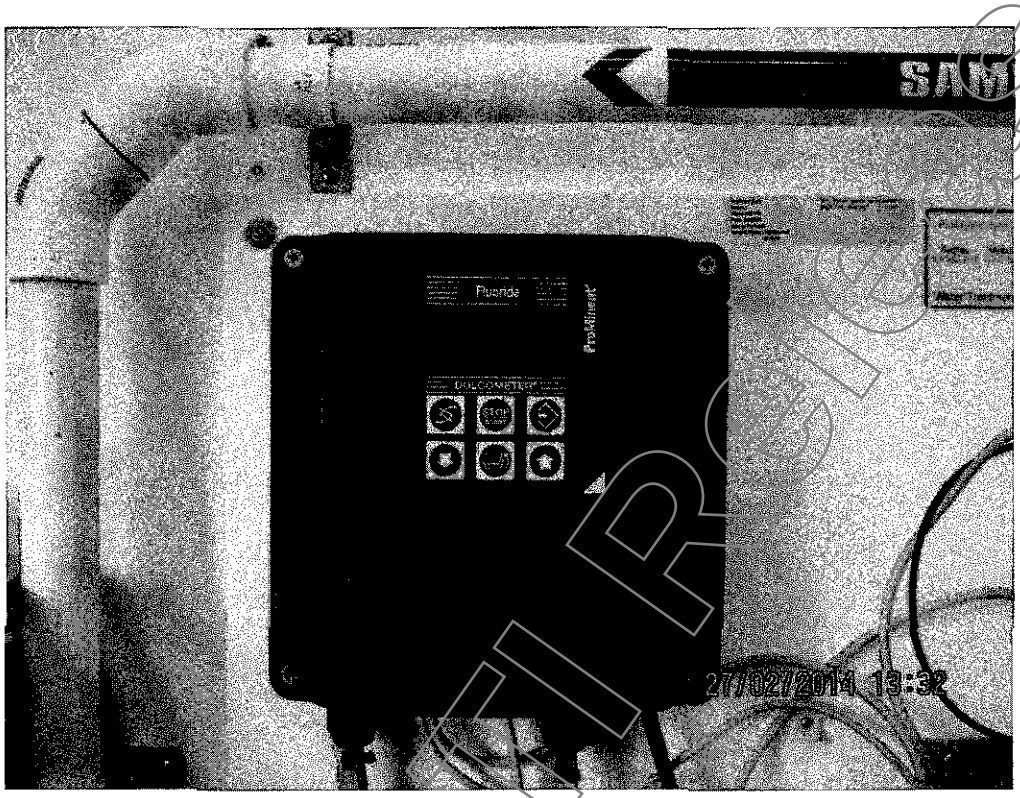
DSDIP - RTI Release

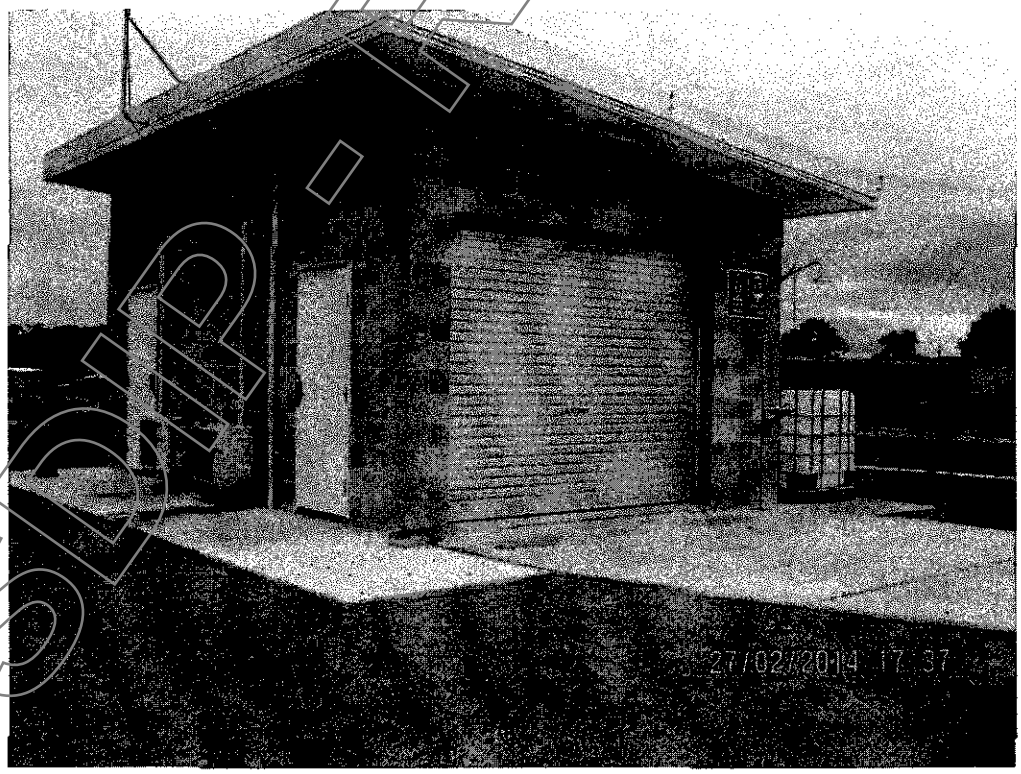
RTI Document No. 608

Fluoridation Close Out Report

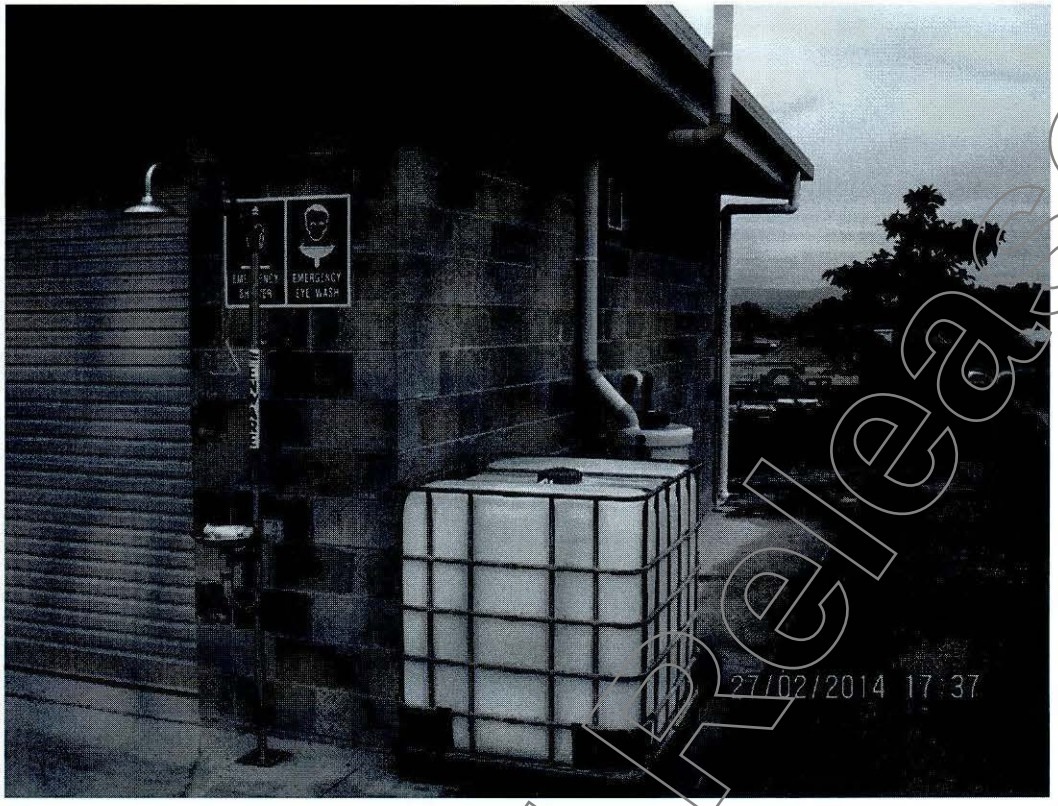
Ingham Depot WTP

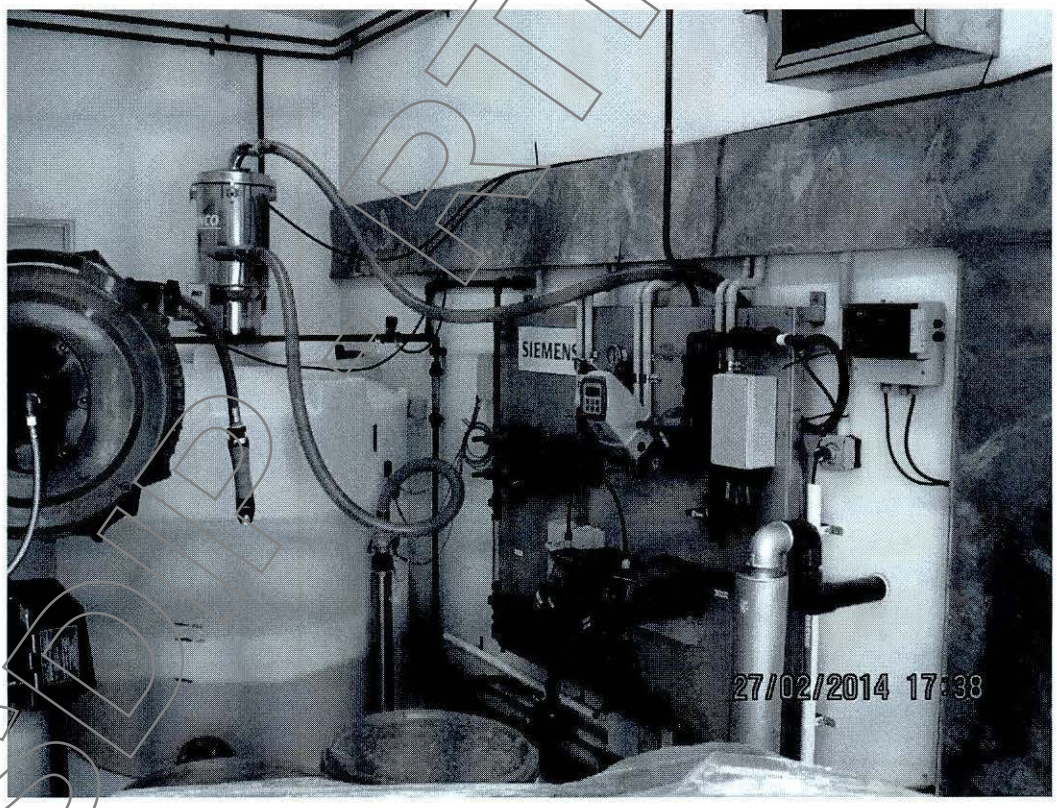
Fluoridation Plant Photos



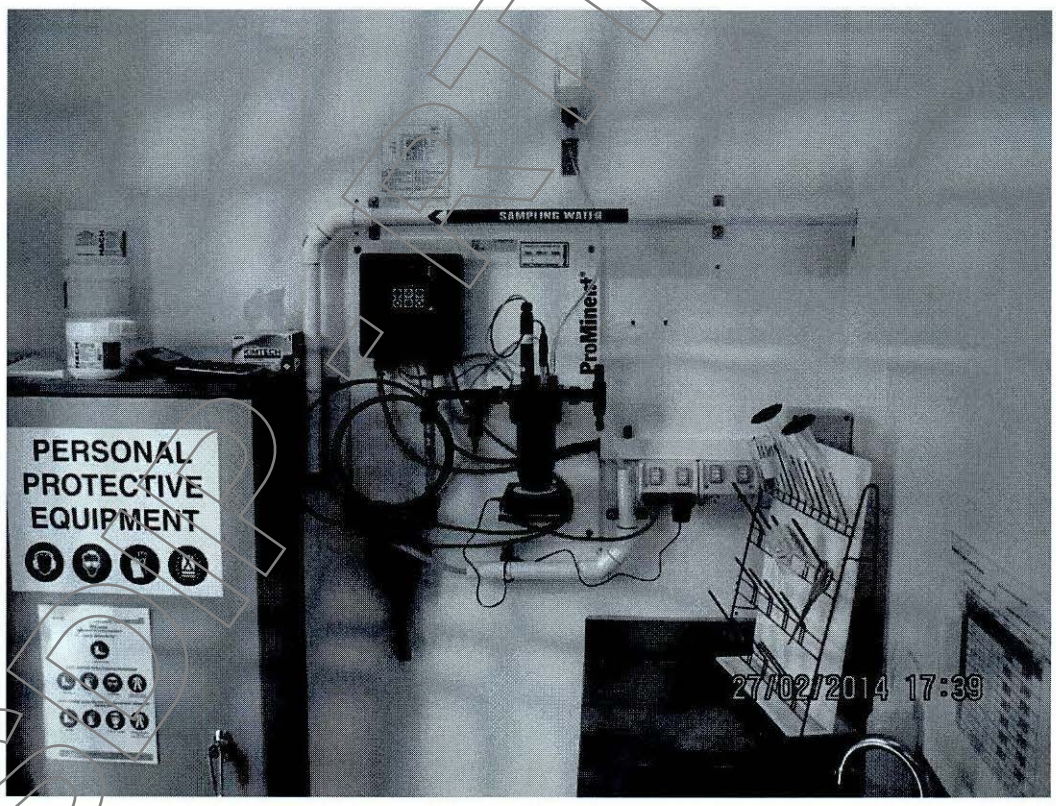


DSDIP - RTI Release





DSDB RTI Release



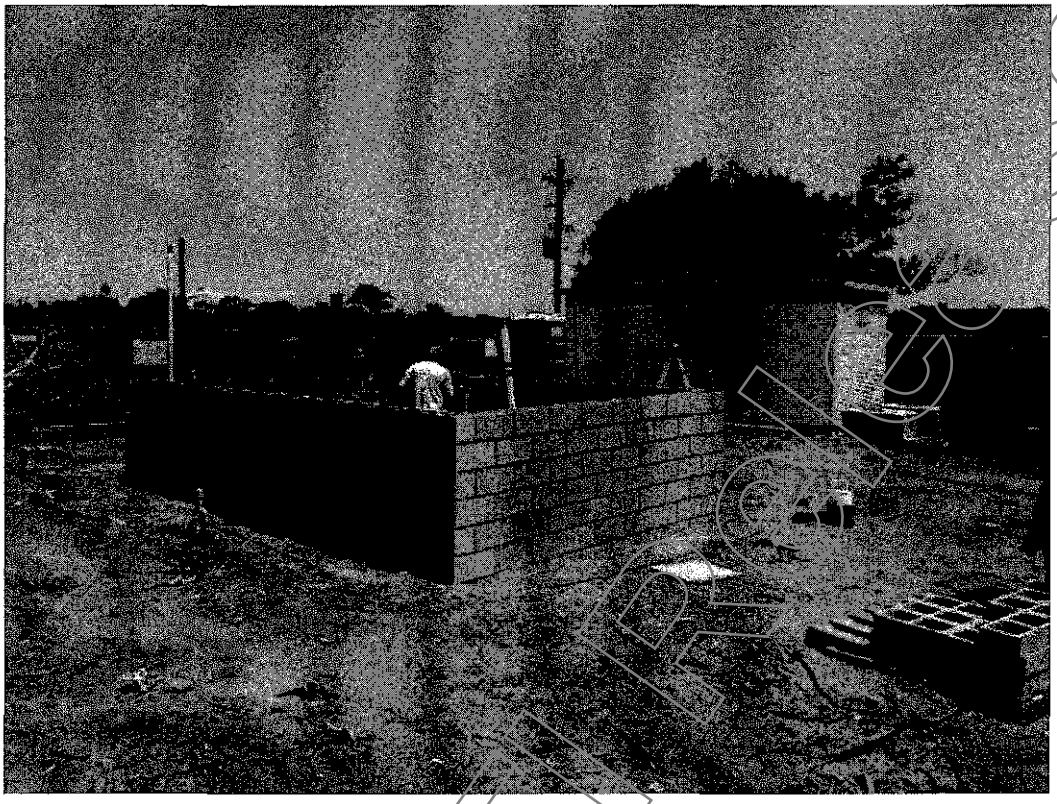
DSIR RTI Release

N:\1014\130589_01\400 Tech\410 Site Info\1. Ingham Depot WTP\Ingham Fluoridation Plant Photos-cdc.docx

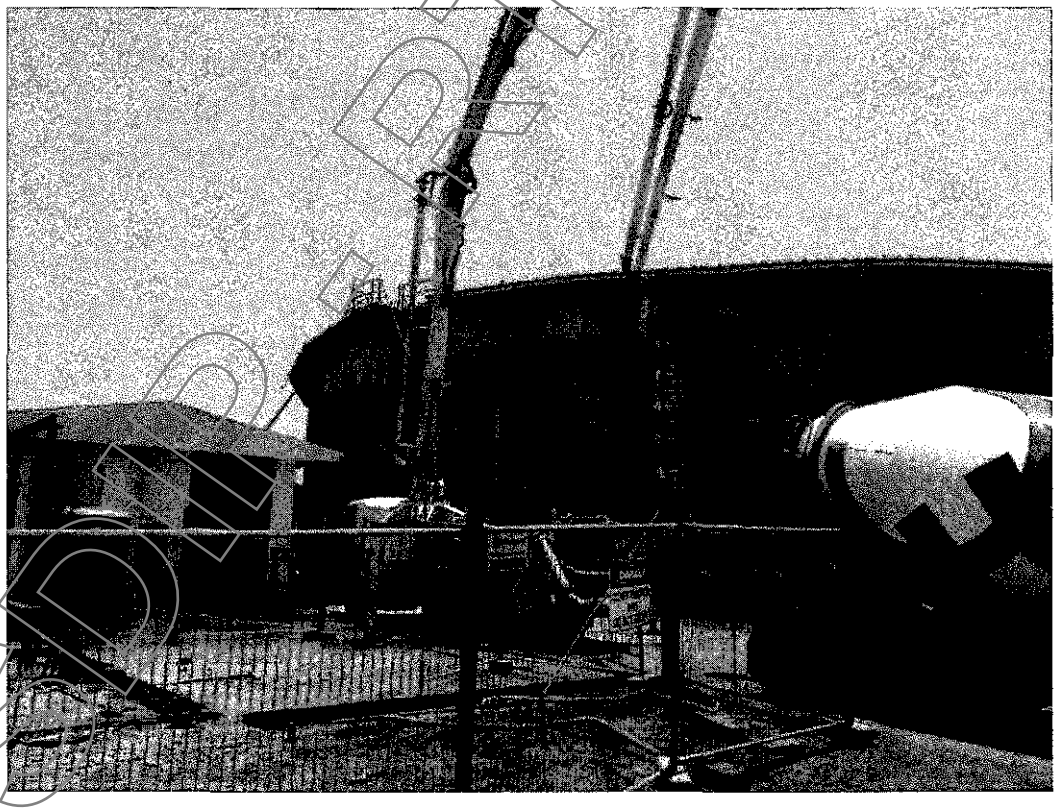
DSDIP - RTI Release

Fluoridation Close Out Report

Fluoridation Plant Construction Photos

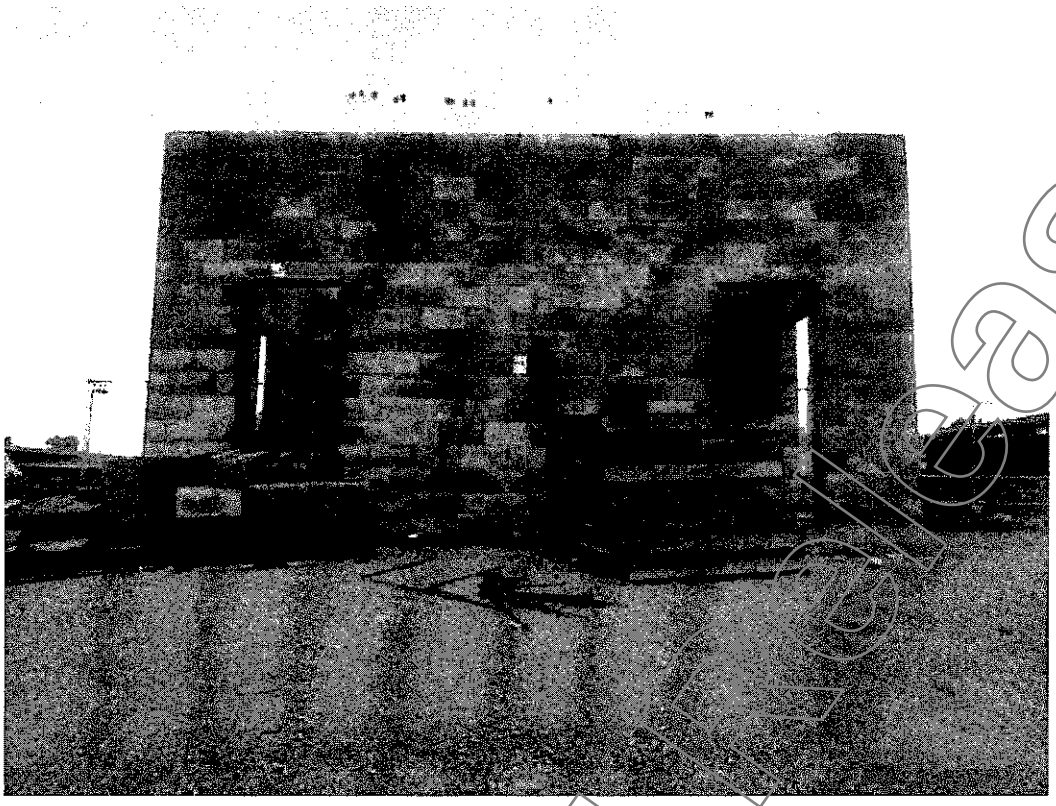


Forrest Beach Fluoridation Building

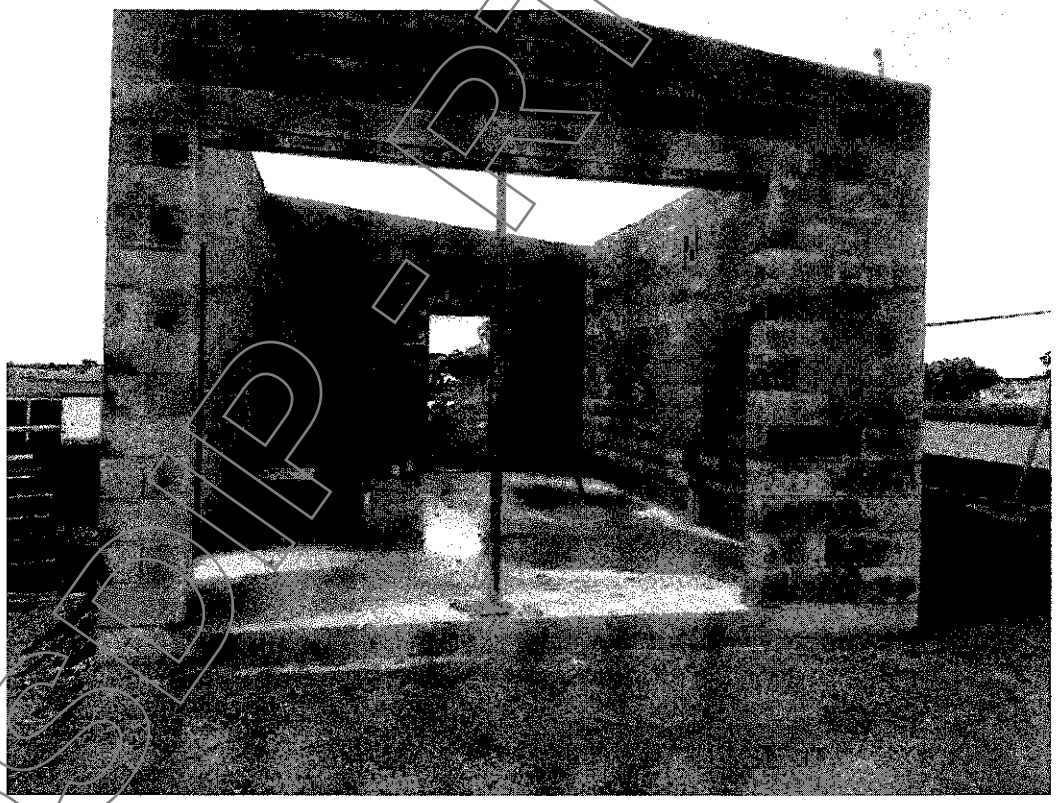


Ingham River PS Site

DSDIP RTI Release



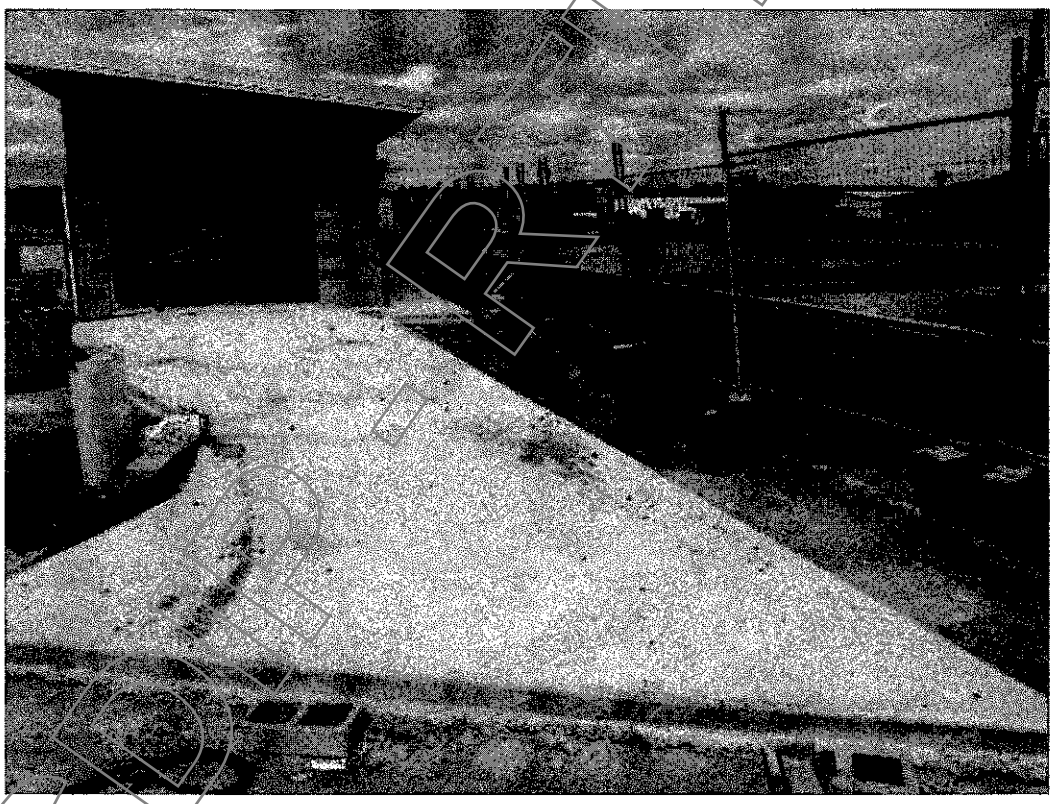
Ingham Depot Fluoridation Building



Ingham Fluoridation Building

DOHP - RTI Release

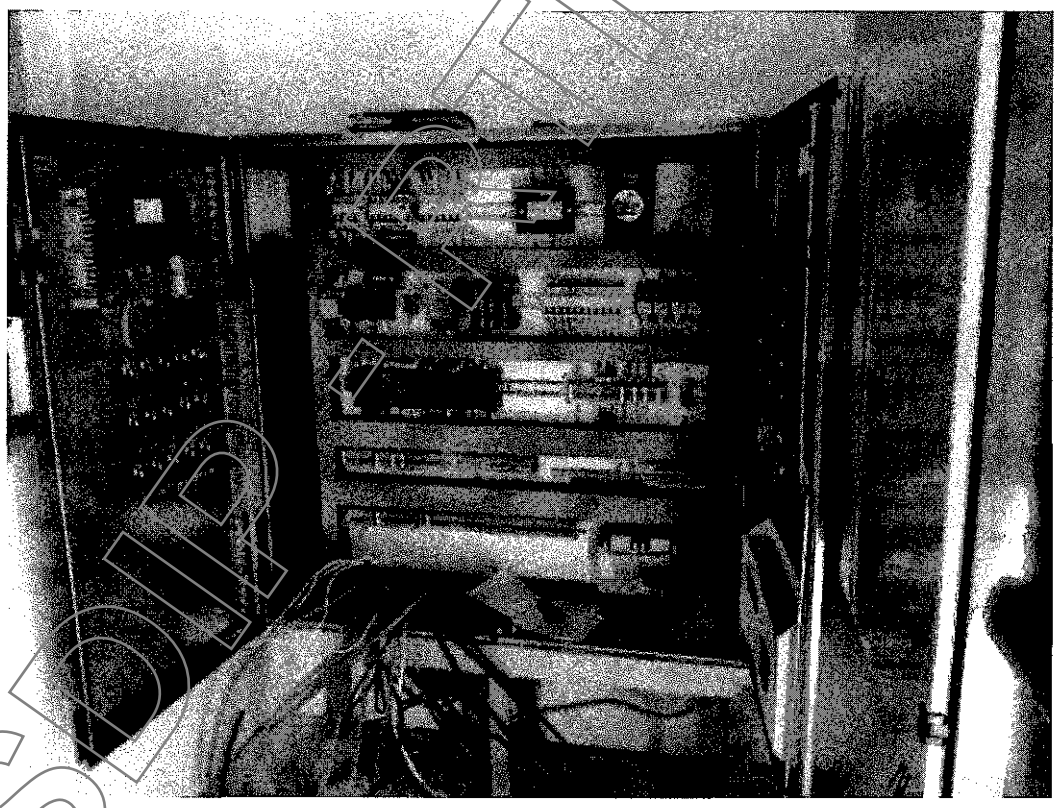
Ingham River PS (Close to completion)



Ingham Depot Fluoridation Building (Close to completion)

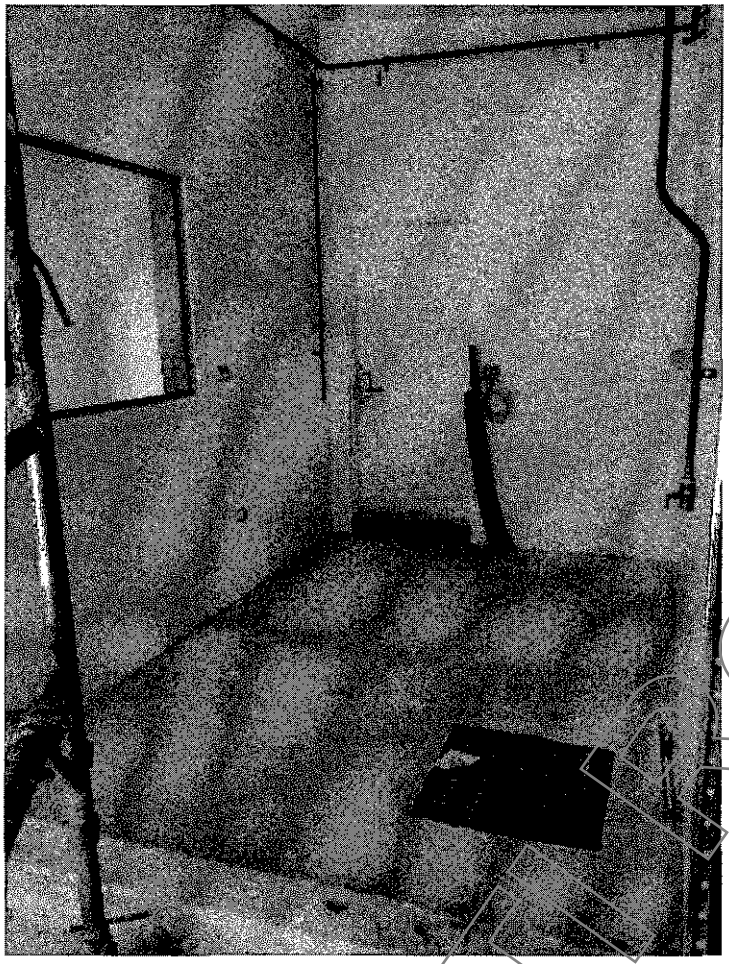
DSDMIP RTI Release

F Dosing Panels delivered

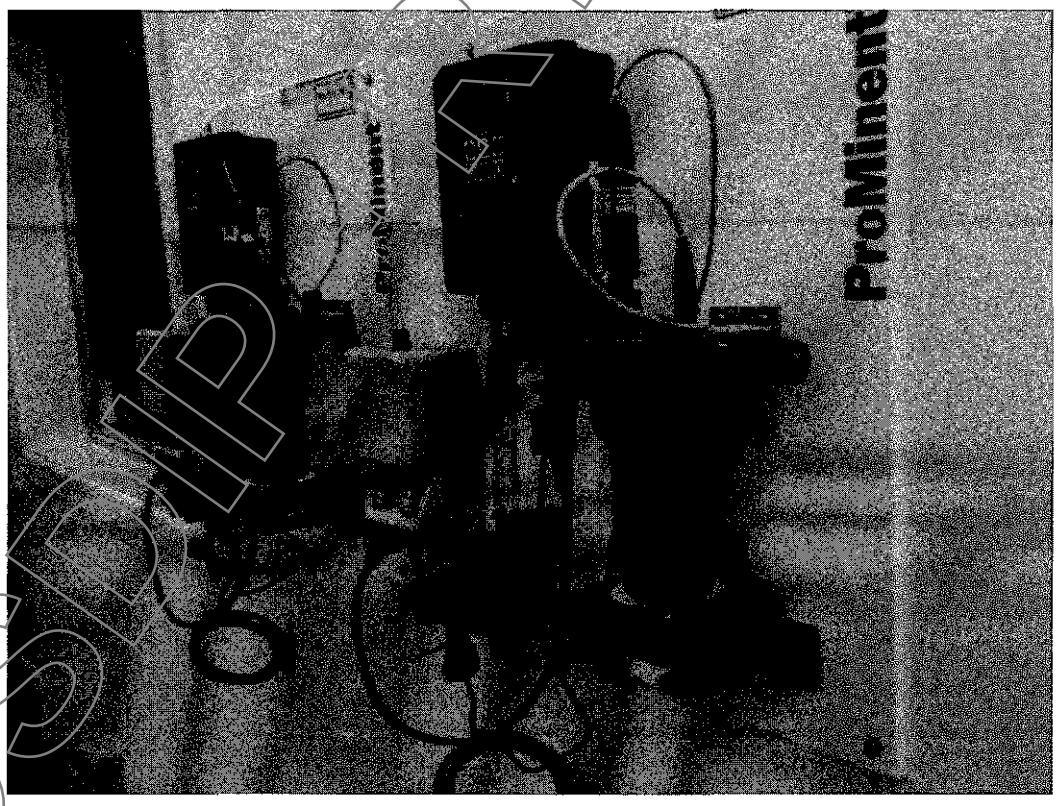


F Dosing Switchboard (wiring)

DSD RTI Release

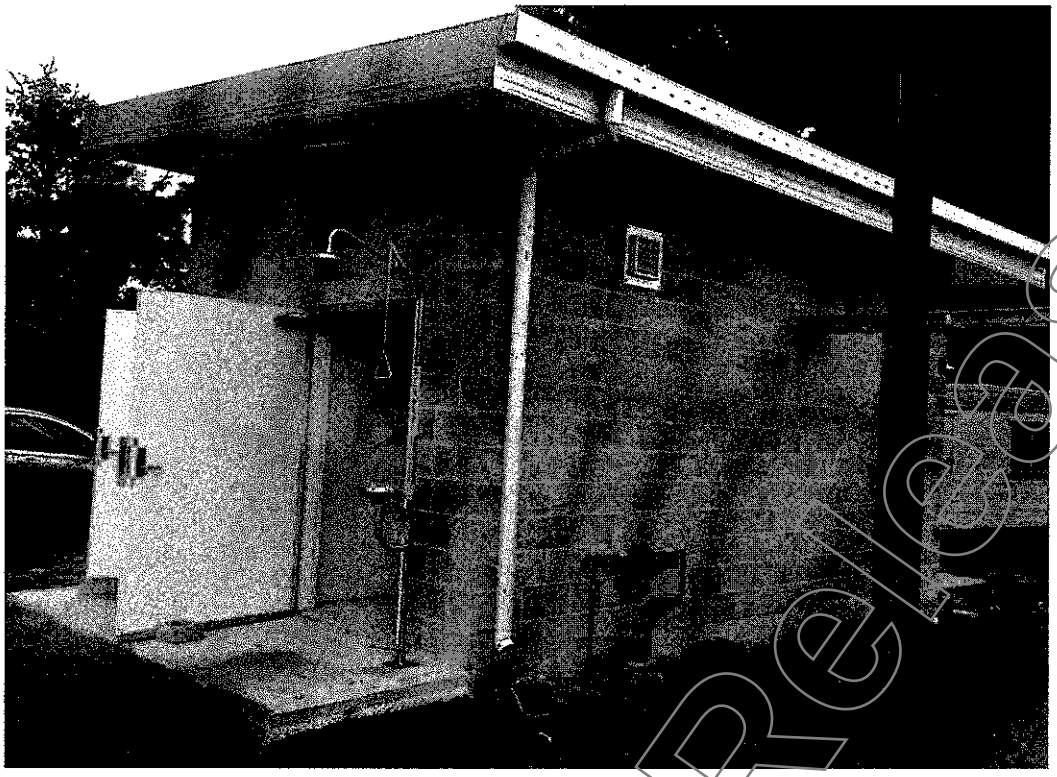


Fluoridation Room Internal prior to mechanical fit – out



Fluoride Analyser Panels (Macknade)

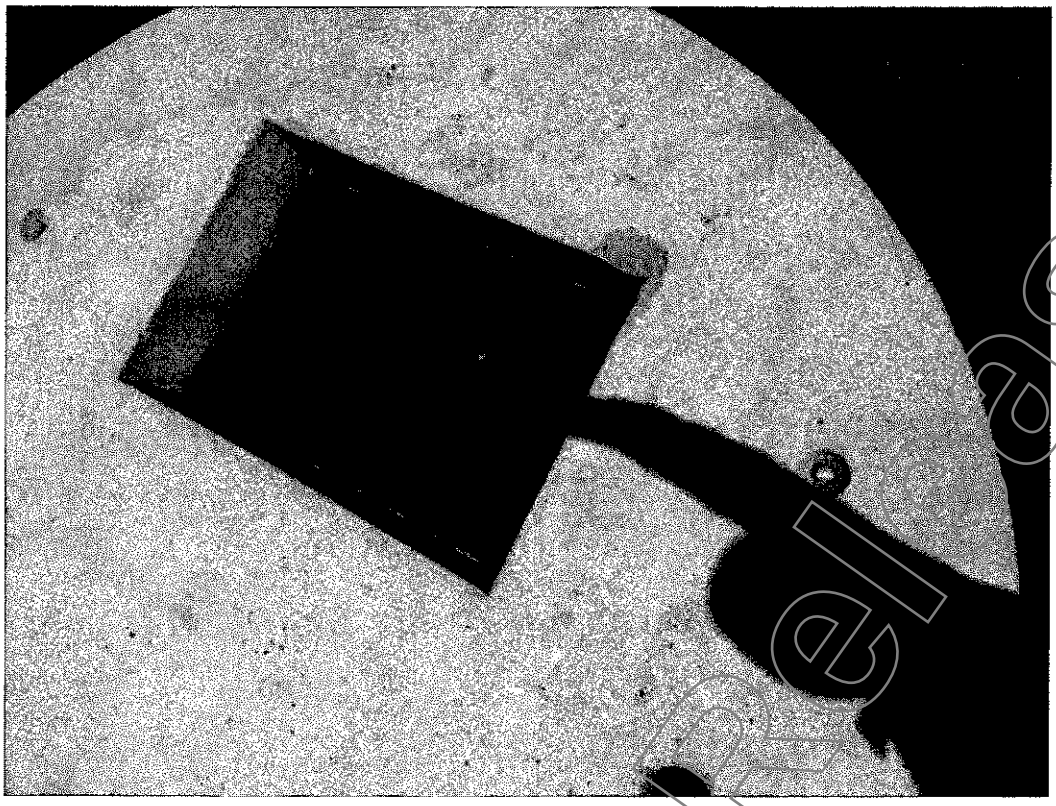
DSDIP Public Release



Halifax Fluoridation Building (almost complete)

Injection Station Mixers for fluoridation addition

DSDIP - RTI Release



Waste Tank

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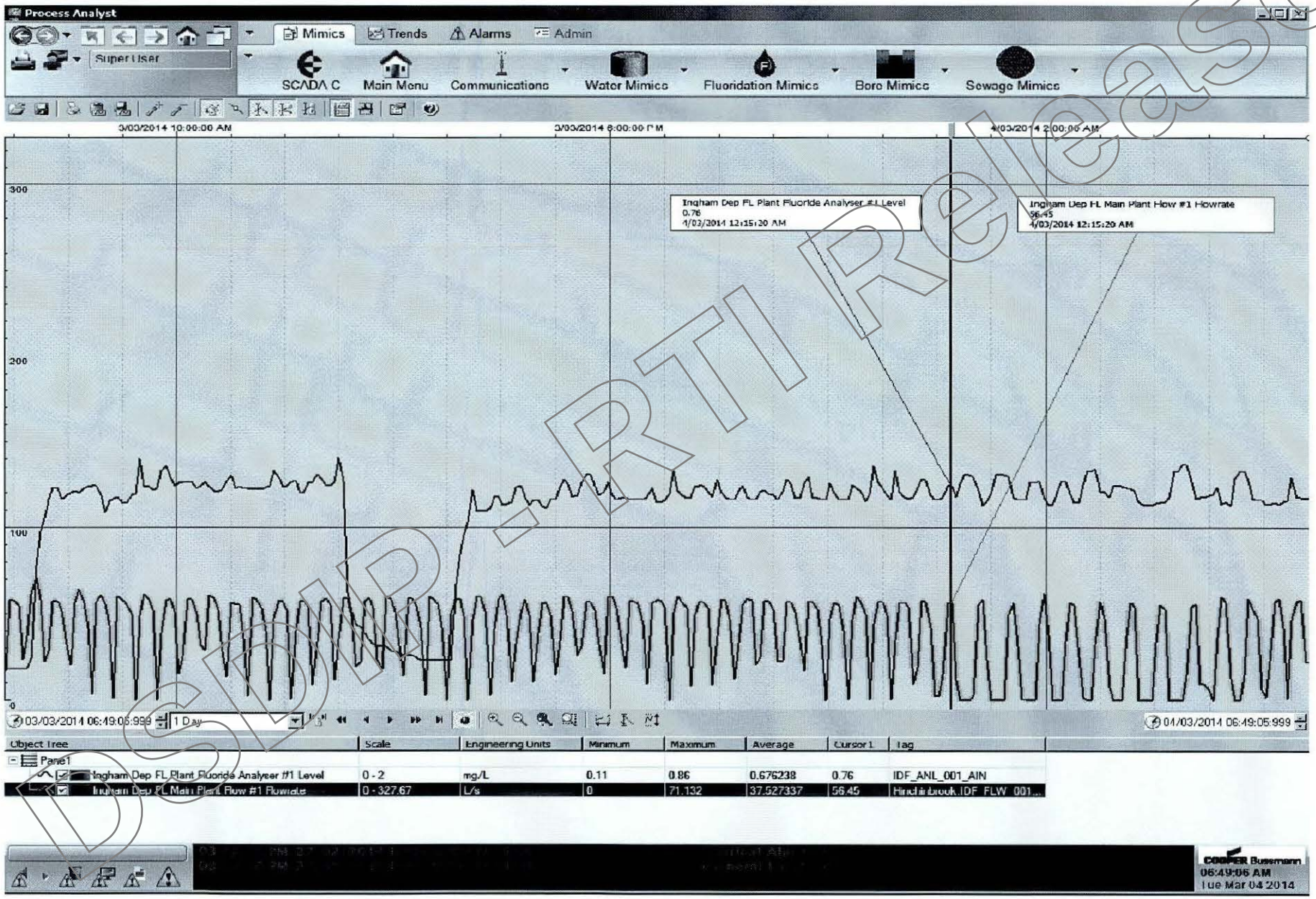
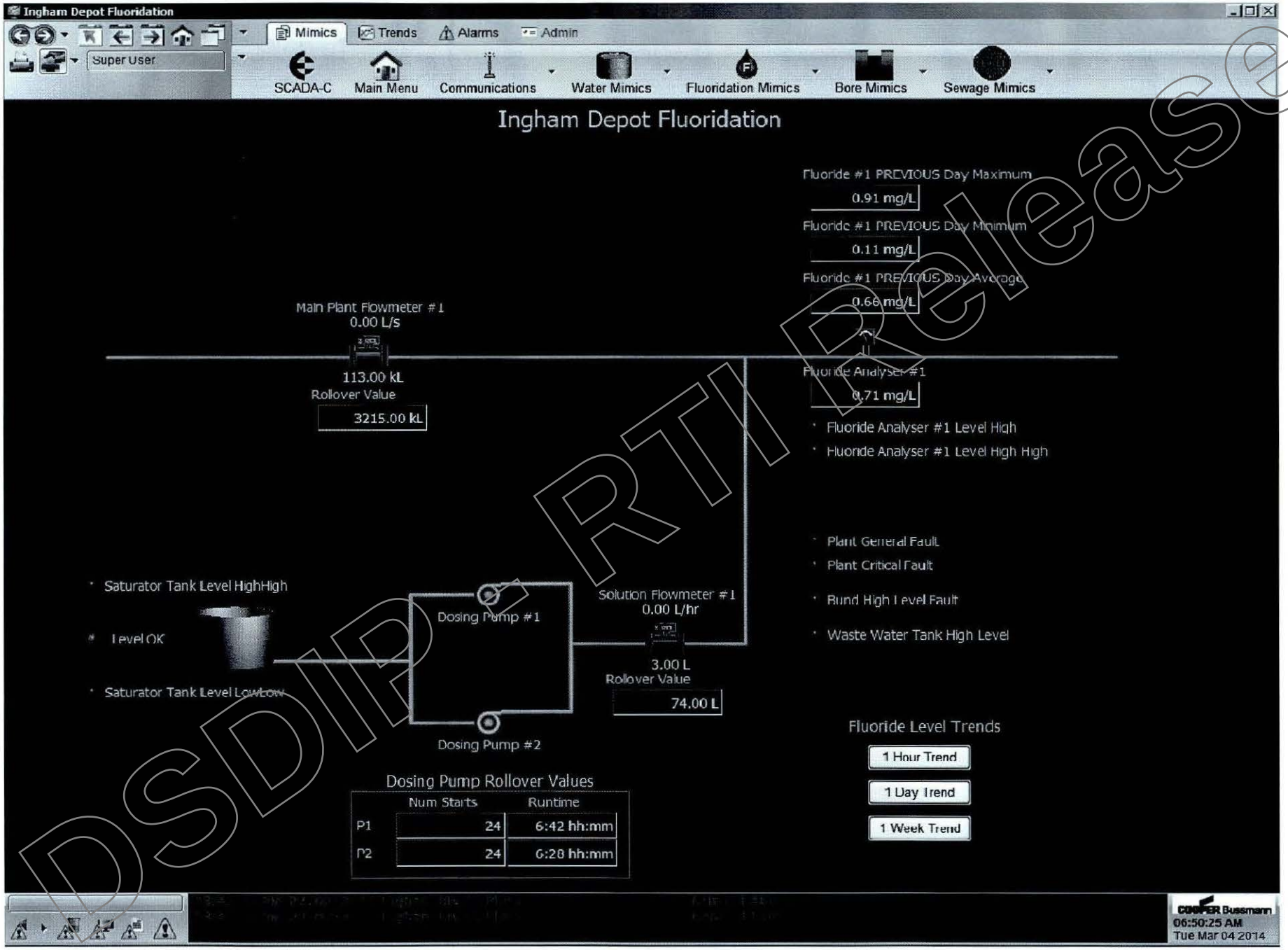
DSDIP - RTI Release



DSDBI-RTI Release



DSDIP RTI Release

HARRISON GRIERSON

Certificate of Practical Completion
(AS2124-1992)

Date	8 July 2013
Date of Issue	12 July 2013
Principal	Hinchinbrook Shire Council PO Box 366 **Ingham, QLD 4850**
Contract Title	Hinchinbrook Shire Council Fluoridation Project
Contract Details	1014-130589-01
Contractor	Paynter Dixon Queensland Pty Ltd PO Box 2491 **Milton, QLD 4006**

This is to certify that in accordance with clause 42.5 and 42.6 of AS2124-1992, the above named Contract Works have been inspected and qualified for a Practical Completion certificate on 8 July 2013.

Defects Liability and maintenance obligations, as detailed in the Contract documentation and AS2124-1992, commenced on this date and continue until 8 July 2014.

This certificate is issued subject to minor omissions and/or minor defects as **listed below* being corrected/completed within the time set by the Superintendent and without prejudicing the Principal's/occupier's convenient use of the contract works.

This certificate is issued in accordance with Clause 42.5 and 42.6 of the conditions of contract.

**Minor omissions and/or defects to be corrected:*

1. Refer attached Defects List dated 8 July 2013 - Contract No. 1014-130589-01 HSC0101 - Hinchinbrook SC Fluoridation (4 Pages).

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Sch. 4(4)(6)

Colin Cranfield
Contract Superintendent

Distribution

☑ Principal ☑ Contractor ☑ Engineer

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HINCHINBROOK SHIRE COUNCIL

Water Fluoridation Regulation 2008 Recording Requirements (Section 10)

Form 4D (Saturator Feed) Daily Record Sheet for Week Ending: 31/01/2014

Column 5 = Column 2 x Column 3 x Column 4 x 10 x Available Fluoride

Calculated Fluoride Concentration = Column 5 / Column 1 / 1000 + Background Fluoride

Background Fluoride = 0.06 mg/L

Available Fluoride = 0.446

W-F0013

	Day	Date	Time	Column 1 Water Treated (ML)	Column 2 Amount of fluoride solution added to water (L)	Column 3 Solution fluoride strength (g/100mL)	Column 4 Chemical Purity %	Column 5 Amount of fluoride ion added to water (g)	Fluoride concentration in treated water (mg/L)			Online Analyser		Maximum Fluoride (mg/L)	Minimum Fluoride (mg/L)	Average Fluoride (mg/L)	Additional Records		Operator Signature
									Calculated	Benchtop Measured	Online Analyser Measured	Temp (°C)	mV				Retic Sample No. 1	Retic Sample No. 2	
SCADA	Sat	25/01/2014	6:00 AM	3.627	91.69	4	98.67%	1613.994	0.444								SP___	SP___	
Manual			6.55	2.9728	91.69	4	98.67%	1613.994	0.602	0.557	0.57	26°	145°						
SCADA	Sun	26/01/2014	6:00 AM	3.393	103.59	4	98.67%	1823.466	0.597					0.78	0.51	0.60	SP___	SP___	
Manual			6.55	3.35049	103.59	4	98.67%	1823.466	0.604	0.652	0.64	26.7	143.2						
SCADA	Mon	27/01/2014	6:00 AM	3.173	97.33	4	98.67%	1713.273	0.599					0.77	0.50	0.60	SP___	SP___	
Manual			7.05	3.17111	97.33	4	98.67%	1713.273	0.60	0.705	0.62	25.4	143.8						
SCADA	Tues	28/01/2014	6:00 AM	2827	107.27	4	98.67%	1884.24	0.727					0.71	0.53	0.60	SP___	SP___	
Manual			11.00	3466	107.27	4	98.67%	1888.24	0.604	0512	0.56	27.7	146.3						
SCADA	Wed	29/01/2014	6:00 AM	3119	85.41	4	98.67%	1503.41	0.542					0.72	0.48	0.56	SP___	SP___	
Manual			8.30	2776	85.45	4	98.67%	1504.15	0.601	0.540	0.55	28.0	148.2						
SCADA	Thurs	30/01/2014	6:00 AM	3207	96.78	4	98.67%	1703.542	0.591					0.66	0.51	0.56	SP___	SP___	
Manual			8.30	3169	96.78	4	98.67%	1703.54	0.597	0453	0.49	26.8	150.9						
SCADA	Fri	31/01/2014	6:00 AM	3.203	95.73	4	98.67%	1685.109	0.586					0.66	0.13	0.54	SP___	SP___	
Manual			8.30	3.22229	95.73	4	98.67%	1685.109	0.582	0.528	0.56	25.7	146.8						

Water Supplier:	Hinchinbrook Shire Council SP62	**Name of Treatment Plant:**	Ingham Depot WTP		Implementation Date: 05/08/2013 Current Revision: C
Fluoridation Chemical Used:	Sodium Fluoride (NaF)	**Name of Supplier:**	Quantum	**Manager:**	Water and Sewerage Manager

O:\Water and Sewerage\New Water & Sewerage\Water\Operation & Maintenance\W-F0013_Fluoride Daily Record Sheet

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HINCHINBROOK SHIRE COUNCIL

Water Fluoridation Regulation 2008 Recording Requirements (Section 10)

Form 4D (Saturator Feed) Daily Record Sheet for Week Ending: 07/02/2014

Column 5 = Column 2 x Column 3 x Column 4 x 10 x Available Fluoride

Calculated Fluoride Concentration = Column 5 / Column 1 / 1000 + Background Fluoride

Background Fluoride = 0.06 mg/L

Available Fluoride = 0.446

W-F0013

	Day	Date	Time	Column 1 Water Treated (ML)	Column 2 Amount of fluoride solution added to water (L)	Column 3 Solution fluoride strength (g/100mL)	Column 4 Chemical Purity %	Column 5 Amount of fluoride ion added to water (g)	Fluoride concentration in treated water (mg/L)			Online Analyser		Maximum Fluoride (mg/L)	Minimum Fluoride (mg/L)	Average Fluoride (mg/L)	Additional Records		Operator Signature
									Calculated	Benchtop Measured	Online Analyser Measured	Temp (°C)	mV				Retic Sample No. 1	Retic Sample No. 2	
SCADA	Sat	01/02/2014	6:00 AM	2.778	77.37	4	98.67%	1361.92	0.550					0.63	0.44	0.53	SP___	SP___	
Manual			6.40	2.510	77.37	4	98.67%	1361.92	0.602	0.566	0.55	26.5	147.2						
SCADA	Sun	02/02/2014	6:00 AM	3.044	95.61	4	98.67%	1682.99	0.612					0.62	0.46	0.52	SP___	SP___	
Manual			7.30A	3.133	95.61	4	98.67%	1682.99	0.597	0.466	0.49	26.3	150.9						
SCADA	Mon	03/02/2014	6:00 AM	2.763	89.14	4	98.67%	1.569.10	0.627					0.64	0.44	0.52	SP22	SP23	DL
Manual			8.30	2.938	89.14	4	98.67%	1569.10	0.594	0.476	0.50	25.7	144.4				0477	0474	
SCADA	Tues	04/02/2014	6:00 AM	2.743	98.23	4	98.67%	1729.115	0.69					0.61	0.41	0.51	SP___	SP___	my
Manual			11.25	3.2[illegible]432	98.23	4	98.67%	1729.115	0.592	0.466	0.45	27.3	153.7						
SCADA	Wed	05/02/2014	6:00 AM	2.950	90.52	4	98.67%	1625.552	0.611					0.59	0.41	0.49	SP___	SP___	my
Manual			11.30	2.9717o	90.52	4	98.67%	1625.552	0.607	0.636	0.51	25.5	149.5						
SCADA	Thurs	06/02/2014	6:00 AM	2.727	74.76	4	98.67%	1315.979	0.542					0.59	0.40	0.49	SP___	SP___	my
Manual			10.40	2.6148	74.76	4	98.67%	1315.979	0.563	0.556	0.31	26.9	161.7						
SCADA	Fri	07/02/2014	6:00 AM	2.923	77.72	4	98.67%	1368.084	0.528					0.57	0.09	0.45	SP___	SP___	my
Manual			8.15	2.53080	77.72	4	98.67%	1368.084	0.60	0.609	0.47	24.9	149.9						

Water Supplier:	Hinchinbrook Shire Council SP62	**Name of Treatment Plant:**	Ingham Depot WTP	Implementation Date: 05/08/2013 Current Revision: C
Fluoridation Chemical Used:	Sodium Fluoride (NaF)	**Name of Supplier:**	Quantum	**Manager:** Water and Sewerage Manager

O:\Water and Sewerage\New Water & Sewerage\Water\Operation & Maintenance\W-F0013_Fluoride Daily Record Sheet

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The Regional and Remote Water Specialist

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This is a statement that

Daniel David Gatto

Student Number: S01279

Has attained

CODE	TITLE OF THE UNIT(S) OF COMPETENCY
NWP276A	Monitor, operate and report fluoridation processes

Dated 17th June 2013

Sch. 4(4)(6)

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Dated 17th June 2013

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HINCHINBROOK SHIRE COUNIL

Water Fluoridation

Ingham Sites - Standard Operation Procedure

May 2013
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RTI Document No. 627

HARRISON GRIERSON CONSULTANTS LIMITED

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HINCHINBROOK SHIRE COUNIL

Water Fluoridation

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CONTENTS

		Page
1.0	**INTRODUCTION**	**1**
1.1	DOCUMENT LAYOUT	1
1.2	HEALTH AND SAFETY	2
1.3	RESPONSIBILITIES	3
2.0	**FLUORIDATION SYSTEM DESCRIPTION**	**4**
2.1	SODIUM FLUORIDE	4
2.2	SYSTEM SET-UP	5
2.3	FLUORIDATION PANEL – INDICATOR LIGHTS AND BUTTONS	7
2.4	FLUORIDATION PANEL – HMI DISPLAY	10
2.5	INGHAM DEPOT WTP FLUORIDE DOSING SETUP	10
2.6	INGHAM RIVER PS FLUORIDE DOSING SET-UP	10
2.7	TELEMETRY AND CRITICAL ALARMS	12
3.0	**OPERATING PROCEDURE**	**13**
3.1	DAILY TASK LIST	13
3.2	TWICE WEEKLY ROUTINE	14
3.3	WEEKLY ROUTINE	14
3.4	FORTNIGHTLY ROUTINE	14
3.5	MONTHLY ROUTINE	15
3.6	BIMONTHLY ROUTINE	15
3.7	INFREQUENT MAINTENANCE INSPECTION	16
4.0	**MONITORING PROCEDURE**	**17**
4.1	ONLINE FLUORIDE ANALYSER	17
4.2	DAILY QUALITY SAMPLE COLLECTION	18
4.3	RETICULATION SAMPLE COLLECTION	19
4.4	MONTHLY VERIFICATION SAMPLES	20
4.5	ADDITIONAL SAMPLES	20
4.6	ENTERING TEST RESULTS INTO LOGSHEET	20
5.0	**EMERGENCY RESPONSES**	**21**
5.1	CHEMICAL SPILLAGE	21
5.2	OVERDOSING	22
5.2.1	Online Fluoride Level Exceeds 0.9mg/L	23
5.2.2	Treated Water Sample Fluoride Level Exceeds 1.5mg/L	24

DSIR Part Release

RTI Document No. 629

5.2.3 Treated Water Sample Fluoride Level Exceeds 0.9mg/L 25
5.2.4 Reticulation Sample Fluoride Level Exceeds 0.9mg/L 25
5.2.5 External Fluoride Test Results Exceeding 0.9mg/L 26
5.3 FLUORIDE TEST RESULTS INCONSISTENCY 26
5.4 POWER OUTAGE 27
6.0 RECORD KEEPING AND REPORTING 27
6.1 RECORD KEEPING AND AUDITING 27
6.2 NON-OPERATIONAL REPORT 27
6.3 QUARTERLY REPORT 27
7.0 LIMITATIONS 28
7.1 GENERAL 28
7.2 REVISION CONTROL 28

APPENDICES

Appendix 1 Sodium Fluoride Chemical Safety Data Sheet
Appendix 2 Fluoridation Panel HMI Display Explanation
Appendix 3 Fluoridation System Logsheet (prepared by HSC)
Appendix 4 Emergency Response Flowchart
Appendix 5 Benchtop Fluoride Analyser Calibration Steps
Appendix 6 Online Fluoride Analyser Calibration Steps from Prominent Manual
Appendix 7 Siemens As-constructed Functional Description
Appendix 8 Fluoridation Code of Practice Form 2 (Non-operational)
Appendix 9 Fluoridation Code of Practice Form 2 (Quarterly Report)

DRAWINGS

Refer to separate volume of "As-Constructed" Drawing Set.

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HINCHINBROOK SHIRE COUNIL

Water Fluoridation

Halifax, Macknade and Forrest Beach WTPs - Standard Operation Procedure

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HINCHINBROOK SHIRE COUNIL

Water Fluoridation

Halifax, Macknade and Forrest Beach - Standard Operation Procedure

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CONTENTS

		Page
1.0	**INTRODUCTION**	**1**
1.1	DOCUMENT LAYOUT	1
1.2	HEALTH AND SAFETY	2
1.3	RESPONSIBILITIES	3
2.0	**FLUORIDATION SYSTEM DESCRIPTION**	**4**
2.1	SODIUM FLUORIDE	4
2.2	SYSTEM SET-UP	5
2.3	FLUORIDATION PANEL – INDICATOR LIGHTS AND BUTTONS	7
2.4	FLUORIDATION PANEL – HMI DISPLAY	9
2.5	INGHAM DEPOT WTP FLUORIDE DOSING SETUP	9
2.6	INGHAM RIVER PS FLUORIDE DOSING SET-UP	10
2.7	TELEMETRY AND CRITICAL ALARMS	15
3.0	**OPERATING PROCEDURE**	**16**
3.1	DAILY TASK LIST	16
3.2	TWICE WEEKLY ROUTINE	17
3.3	WEEKLY ROUTINE	17
3.4	FORTNIGHTLY ROUTINE	17
3.5	MONTHLY ROUTINE	18
3.6	BIMONTHLY ROUTINE	18
3.7	INFREQUENT MAINTENANCE INSPECTION	18
4.0	**MONITORING PROCEDURE**	**20**
4.1	ONLINE FLUORIDE ANALYSER	20
4.2	DAILY QUALITY SAMPLE COLLECTION	21
4.3	RETICULATION SAMPLE COLLECTION	22
4.4	MONTHLY VERIFICATION SAMPLES	23
4.5	ADDITIONAL SAMPLES	23
4.6	ENTERING TEST RESULTS INTO LOGSHEET	23
5.0	**EMERGENCY RESPONSES**	**24**
5.1	CHEMICAL SPILLAGE	24
5.2	OVERDOSING	25
5.2.1	Online Fluoride Level Exceeds 0.9mg/L	26

Draft Release DSDIP

RTI Document No. 633

5.2.2 Treated Water Sample Fluoride Level Exceeds 1.5mg/L 27
5.2.3 Treated Water Sample Fluoride Level Exceeds 0.9mg/L 28
5.2.4 Reticulation Sample Fluoride Level Exceeds 0.9mg/L 28
5.2.5 External Fluoride Test Results Exceeding 0.9mg/L 29
5.3 FLUORIDE TEST RESULTS INCONSISTENCY 29
5.4 POWER OUTAGE 30
6.0 RECORD KEEPING AND REPORTING 30
6.1 RECORD KEEPING AND AUDITING 30
6.2 NON-OPERATIONAL REPORT 30
6.3 QUARTERLY REPORT 30
7.0 LIMITATIONS 31
7.1 GENERAL 31
7.2 REVISION CONTROL 31

APPENDICES

Appendix 1 Sodium Fluoride Chemical Safety Data Sheet
Appendix 2 Fluoridation Panel HMI Display Explanation (Awaiting Siemens)
Appendix 3 Fluoridation System Logsheet (prepared by HSC)
Appendix 4 Emergency Response Flowchart
Appendix 5 Benchtop Fluoride Analyser Calibration Steps
Appendix 6 Online Fluoride Analyser Calibration Steps from Prominent Manual
Appendix 7 Siemens As-constructed Functional Description
Appendix 8 Fluoridation Code of Practice Form 2 (Non-operational)
Appendix 9 Fluoridation Code of Practice Form 2 (Quarterly Report)

DRAWINGS

Refer to separate volume of "As-Constructed" Drawing Set.

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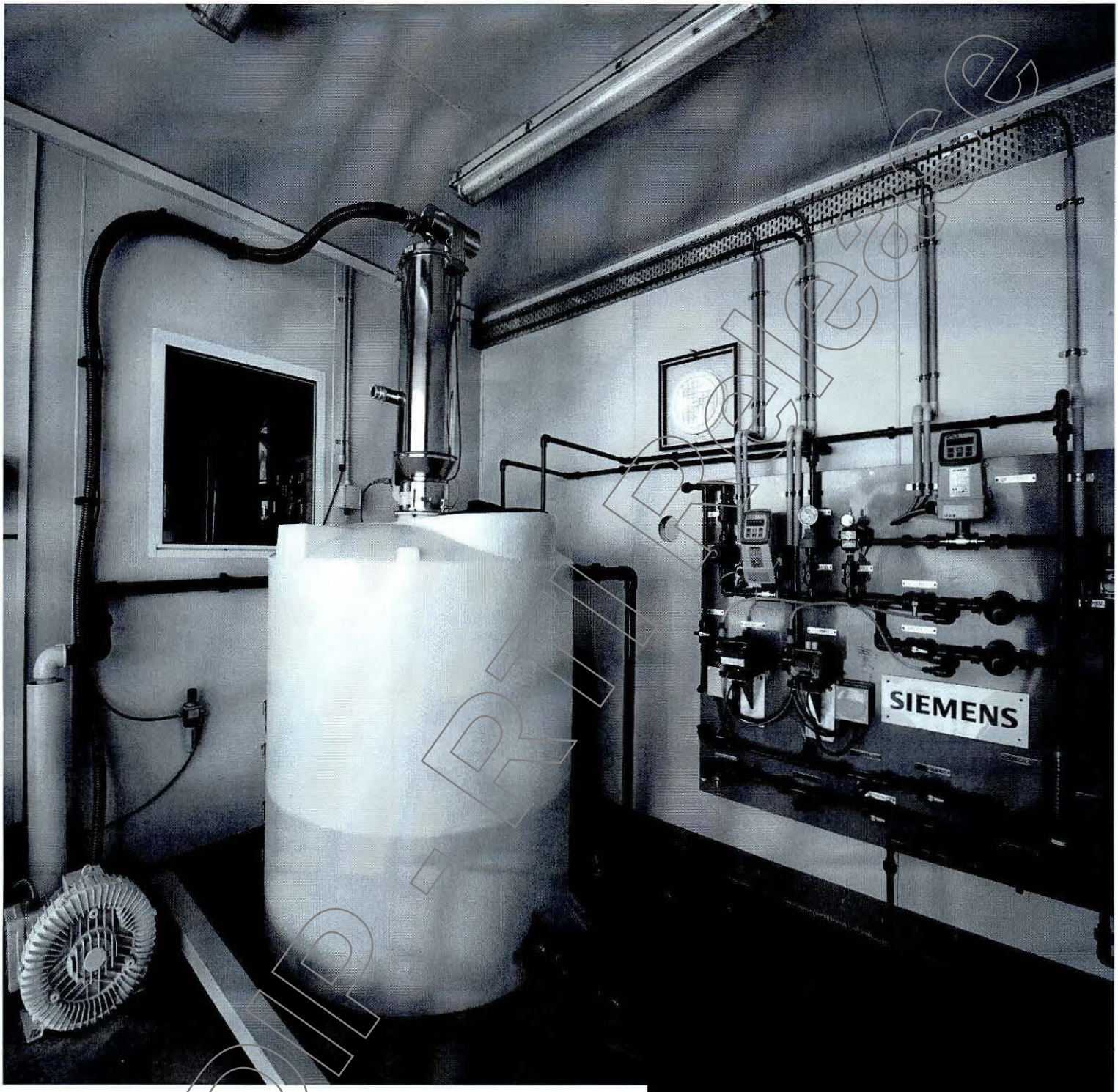

Sodium Fluoride Dosing System:

Sodium Fluoride Saturator & Dosing Skid System for Hinchinbrook Shire Council

Operation and Maintenance Manual
Ref: 15012-OM-001

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Hinchinbrook
Fluoridation Project

Sodium Fluoride Saturator & Dosing Skid System
Operation and Maintenance Manual

Revision 0

Supplied to:
Hinchinbrook Shire Council

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For customer service, please record your equipment and serial number details and direct your enquiry to:

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Warnings

Use of the supplied equipment must be strictly in accordance with this manual. Users are especially alerted to any safety requirements herein.

Warning

Warnings related to safety hazards are placed in boxes like this.

Hazard

Bio-hazard warnings are placed in boxes like this.

Stop

Very important safety warnings are placed in boxes like this. Serious injury or death, or damage to equipment will occur if this note is not headed.

Note

Other important information are highlighted in boxes like this.

DSDIP - RTI Release

RTI Document No. 638

Table of Contents

1.0 INTRODUCTION 1

1.1 PRE-AMBLE 1
1.2 PURPOSE AND LIMITATIONS OF THE MANUAL 1

2.0 CHEMICAL DOSING– PLANT SAFETY 2

2.1 INTRODUCTION 2
2.2 SAFETY HAZARDS 2
2.3 CHEMICALS 2
2.3.1 Safety Showers 3
2.3.2 Safety Precautions 3
2.3.3 Spillage 3
2.4 EQUIPMENT 4
2.5 ELECTRICAL EQUIPMENT 4
2.5.1 Precautions 4
2.5.2 Work on or near Installations 5
2.6 FIRE HAZARDS 5
2.7 SAFETY EQUIPMENT 6
2.7.1 First Aid Material 6
2.7.2 Protective Safety Equipment 6
2.8 HOUSE KEEPING 6

3.0 CHEMICAL PREPARATION & DOSING SYSTEMS 8

3.1 SODIUM FLUORIDE: SPECIFIC DETAILS 8
3.1.1 Dosing process 8
3.1.2 Chemical Supply 8
3.1.3 System Performance 8
3.1.4 Drawings 8

4.0 EQUIPMENT 9

4.1 RPZ & SERVICE WATER MAKE-UP BOARD 9
4.2 VACUUM BAG UNLOADER (INGHAM RIVER AND RIVER DEPOT SITES ONLY) 9
4.3 SATURATOR TANK 9
4.3.1 Ingham River and River Depot Site 9
4.3.2 Halifax, Forrest Beach, & Macknade WWTP 10
4.4 CONTAINMENT TANK (WATER TRAP) INGHAM RIVER AND RIVER DEPOT WWTP 10
4.5 DOSING PANEL 10
4.5.1 Skid Frame 10
4.5.2 Suction Pipework 10
4.5.3 Discharge Pipework 11
4.5.4 Metering Pumps 11
4.5.5 Safety Relief Valve 11
4.5.6 Pulsation Dampener 12
4.5.7 Pressure Indicator and gauge guard 12
4.5.8 Back Pressure Valve 12
4.5.9 Flowmeter 12
4.5.10 Fluoride Analyser 12

5.0 INSTALLATION, TESTING AND COMMISSIONING 13

5.1 GENERAL INSTALLATION 13
5.2 INSTALLATION OF NEW EQUIPMENT 13

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RTI Document No. 639

5.3 TESTING REQUIREMENTS 14
5.4 CHEMICAL DOSAGE 14
5.5 TESTING AND PRE-COMMISSIONING 16
5.5.1 Dosing Pump Test – Pre-commissioning 16

6.0 OPERATING INSTRUCTIONS 18

6.1 CHECKS BEFORE STARTING 18
6.2 STARTING 18
6.3 CONTINUOUS OPERATION 18
6.3.1 Regular Dosing 18
6.3.2 Calibration drop tests 19
6.3.3 Flushing 19
6.3.4 Duty/Standby change-over 19
6.4 STOPPING 19

7.0 MAINTENANCE 20

7.1 TANK CLEANING 20
7.2 ROUTINE MAINTENANCE 20
7.3 REPAIR AND OVERHAULING 22
7.4 TROUBLESHOOTING 22
7.5 RECOMMENDED SPARES LIST 23

8.0 DRAWINGS AND EQUIPMENT DOCUMENTATION 24

9.0 VENDOR MANUALS, ITP'S AND EQUIPMENT DATA - CONTENTS 26

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HINCHINBROOK SHIRE COUNCIL

Macknade WTP Fluoridation Facilities

Operations and Maintenance Manual

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DSDIP - RTI Release

RTI Document No. 642

CONTENTS

Fluoride Plant

1.0 System Description ..... 2 Page

2.0 Equipment Schedules
2.1 Equipment Schedule ..... 2 Pages
2.2 Suppliers ..... 1 Pages

3.0 Equipment Supplied by JM Switchboards
3.1 Circuit Breakers ..... 21 Pages
3.2 Surge Diverter ..... 1 Page
3.3 Contactor, Selector Switches and Emergency Lighting Test Unit. ..... 11 Pages
3.4 Power and Light fittings ..... 9 Pages
3.5 Exhaust Fan, Vent & Cover ..... 2 Pages
3.6 Level Floats & Flow Switch ..... 27 Pages
3.7 Distribution Board & Enclosures ..... 4 Pages
3.8 JMS Drawings ..... 4 Pages
3.9 Test Certificates ..... 11 Pages

4.0 Flowmeters ..... 101 Pages

5.0 Security System ..... 63 Pages

6.0 Airconditioners ..... 41 Pages

DSDIP - RTI Release

RTI Document No. 643

HINCHINBROOK SHIRE COUNCIL

Ingham River Fluoridation Facilities

Operations and Maintenance Manual

DSDIP - RTI Release

SWITCHBOARDS
electrical switchboard design, manufacture & installation

p: 07 4035 2411
f: 07 4035 2499
m: 0408 138 579
e: mail@jmswitchboards.com.au

242 - 244 Hartley Street
Cairns QLD 4870
PO Box 5934
Cairns QLD 4870

RTI Document No. 644

Document Control

Document Name	**Operations and Maintenance Manual**
Project	**Fluoridation Facilities Ingham River**
JMS Job Code	**1042**
Current Release	**A**
Written by	**DMS**
Reviewed by	**ID**
Authorised by	**ID**

Revision History

Version	Date	Remarks
A	12 June 2013	As Installed

DSDIP - RTI Release

RTI Document No. 645

CONTENTS

Fluoride Plant

1.0 System Description ..... 2 Page

2.0 Equipment Schedules
2.1 Equipment Schedule ..... 2 Pages
2.2 Suppliers ..... 1 Pages

3.0 Equipment Supplied by JM Switchboards
3.1 Circuit Breakers ..... 21 Pages
3.2 Surge Diverter ..... 1 Page
3.3 Contactor, Selector Switches and Emergency Lighting Test Unit. ..... 11 Pages
3.4 Power and Light fittings ..... 9 Pages
3.5 Exhaust Fan, Vent & Cover ..... 2 Pages
3.6 Level Floats & Flow Switch ..... 27 Pages
3.7 Distribution Board & Enclosures ..... 4 Pages
3.8 JMS Drawings ..... 4 Pages
3.9 Test Certificates ..... 11 Pages

4.0 Flowmeters ..... 101 Pages

5.0 Security System ..... 63 Pages

6.0 Airconditioners ..... 41 Pages

DSDIP - RTI Release

RTI Document No. 646

HINCHINBROOK SHIRE COUNCIL

Ingham Depot Fluoridation Facilities

Operations and Maintenance Manual

DSDIP - RTI Release

SWITCHBOARDS
electrical switchboard design, manufacture & installation

p: 07 4035 2411
f: 07 4035 2499
m: 0408 138 579
e: mail@jmswitchboards.com.au

242 - 244 Hartley Street
Cairns QLD 4870
PO Box 5934
Cairns QLD 4870

RTI Document No. 647

Document Control

Document Name	**Operations and Maintenance Manual**
Project	**Fluoridation Facilities Ingham Depot**
JMS Job Code	**1042**
Current Release	**A**
Written by	**DMS**
Reviewed by	**ID**
Authorised by	**ID**

Revision History

Version	Date	Remarks
A	12 June 2013	As Installed

DSDIP - RTI Release

RTI Document No. 648

CONTENTS

Fluoride Plant

1.0 System Description ..... 2 Page

2.0 Equipment Schedules

2.1 Equipment Schedule ..... 2 Pages
2.2 Suppliers ..... 1 Pages

3.0 Equipment Supplied by JM Switchboards

3.1 Circuit Breakers ..... 21 Pages
3.2 Surge Diverter ..... 1 Page
3.3 Contactor, Selector Switches and Emergency Lighting Test Unit ..... 11 Pages
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3.5 Exhaust Fan, Vent & Cover ..... 2 Pages
3.6 Level Floats & Flow Switch ..... 27 Pages
3.7 Distribution Board & Enclosures ..... 4 Pages
3.8 JMS Drawings ..... 4 Pages
3.9 Test Certificates ..... 11 Pages

4.0 Flowmeters ..... 101 Pages

5.0 Security System ..... 63 Pages

6.0 Airconditioners ..... 41 Pages

DSDIP - RTI Release

RTI Document No. 649

HINCHINBROOK SHIRE COUNCIL

Halifax WTP Fluoridation Facilities

Operations and Maintenance Manual

DSDIP - RTI Release

SWITCHBOARDS
electrical switchboard design, manufacture & installation

p: 07 4035 2411
f: 07 4035 2499
m: 0408 138 579
e: mail@jmswitchboards.com.au

242 - 244 Hartley Street
Cairns QLD 4870
PO Box 5934
Cairns QLD 4870

RTI Document No. 650

Document Control

Document Name	**Operations and Maintenance Manual**
Project	**Fluoridation Facilities Halifax WTP**
JMS Job Code	**1042**
Current Release	**A**
Written by	**DMS**
Reviewed by	**ID**
Authorised by	**ID**

Revision History

Version	Date	Remarks
A	12 June 2013	As Installed

DSDIP - RTI Release

RTI Document No. 651

CONTENTS

Fluoride Plant

1.0 System Description ..... 2 Page

2.0 Equipment Schedules
2.1 Equipment Schedule ..... 2 Pages
2.2 Suppliers ..... 1 Pages

3.0 Equipment Supplied by JM Switchboards
3.1 Circuit Breakers ..... 21 Pages
3.2 Surge Diverter ..... 1 Page
3.3 Contactor, Selector Switches and Emergency Lighting Test Unit. ..... 11 Pages
3.4 Power and Light fittings ..... 9 Pages
3.5 Exhaust Fan, Vent & Cover ..... 2 Pages
3.6 Level Floats & Flow Switch ..... 27 Pages
3.7 Distribution Board & Enclosures ..... 4 Pages
3.8 JMS Drawings ..... 4 Pages
3.9 Test Certificates ..... 11 Pages

4.0 Flowmeters ..... 101 Pages

5.0 Security System ..... 63 Pages

6.0 Airconditioners ..... 41 Pages

DSDIP - RTI Release

RTI Document No. 652

HINCHINBROOK SHIRE COUNCIL

Forest Beach WTP Fluoridation Facilities

Operations and Maintenance Manual

DSDIP - RTI Release

SWITCHBOARDS
electrical switchboard design, manufacture & installation

p: 07 4035 2411
f: 07 4035 2499
m: 0408 138 579
e: mail@jmswitchboards.com.au

242 - 244 Hartley Street
Cairns QLD 4870
PO Box 5934
Cairns QLD 4870

RTI Document No. 653

Document Control

Document Name	**Operations and Maintenance Manual**
Project	**Fluoridation Facilities Forest Beach**
JMS Job Code	**1042**
Current Release	**A**
Written by	**DMS**
Reviewed by	**ID**
Authorised by	**ID**

Revision History

Version	Date	Remarks
A	12 June 2013	As Installed

DSDIP - RTI Release

RTI Document No. 654

CONTENTS

Fluoride Plant

1.0 System Description ..... 2 Page

2.0 Equipment Schedules
2.1 Equipment Schedule ..... 2 Pages
2.2 Suppliers ..... 1 Pages

3.0 Equipment Supplied by JM Switchboards
3.1 Circuit Breakers ..... 21 Pages
3.2 Surge Diverter ..... 1 Page
3.3 Contactor, Selector Switches and Emergency Lighting Test Unit ..... 11 Pages
3.4 Power and Light fittings ..... 9 Pages
3.5 Exhaust Fan, Vent & Cover ..... 2 Pages
3.6 Level Floats & Flow Switch ..... 27 Pages
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3.8 JMS Drawings ..... 4 Pages
3.9 Test Certificates ..... 11 Pages

4.0 Flowmeters ..... 101 Pages

5.0 Security System ..... 63 Pages

6.0 Airconditioners ..... 41 Pages

DSDIP - RTI Release

RTI Document No. 655

PAYNTER DIXON
BUILDING YOUR BUSINESS

Ref: HSC0101
Enq: MC
Ph: 0409 620 342

CERTIFICATE OF CONFORMANCE
HINCHINBROOK FLUORIDATION PLANTS

With reference to the above project, we confirm the following:

1. The project has been installed in accordance with the construction documentation and specification, with changes noted in marked drawings and the as-constructed documentation
2. All inspections and tests have been completed in accordance with the submitted Quality Plan and Commissioning Plan
3. The installation complies with all relevant Australian Standards

Sch. 4(4)(6)

Matt Cassidy – Project Manager
For and on behalf of
PAYNTER DIXON QUEENSLAND PTY LTD

DSDIP - RTI Release

RTI Document No. 656

PAYNTER DIXON QUEENSLAND PTY LTD
ABN : 32 060 951 162

PAYNTER DIXON
BUILDING YOUR BUSINESS

CLIENT: Hinchinbrook Shire Council
25 Lannercost Street, Ingham, Q4850

DATE: 08-July-2013

PROJECT: Fluoridation Plants - HSC0101

CLAIM No: 9 - Works completed to 30 June, 2013

DISCIPLINE	Original	Previous % Completed	% Completed	Value Completed
1.1 PRELIMINARIES				
2.1.1.1 Preliminaries	337,690	100%	100%	337,690
2.1.1.2 Supervision and Labour	386,171	100%	100%	386,171
Sub Total Preliminaries:	***723,861***			***723,861***
1.2 INGHAM DEPOT TREATMENT PLANT				
2.1.2.1 - Site Works	10,192	100%	100%	10,192
2.1.2.2 - Earthworks	28,191	100%	100%	28,191
2.1.2.3 - Access Work	16,660	100%	100%	16,660
2.1.2.4 - Restoration	5,593	100%	100%	5,593
2.1.2.5 - Fluoridation Building	148,522	100%	100%	148,522
2.1.2.6 - Pipework	40,165	100%	100%	40,165
2.1.2.7 - Miscellaneous	6,987	100%	100%	6,987
Sub Total Trades - Ingham Depot Treatment Plant:	***256,310***			***256,310***
1.3 INGHAM RIVER PUMP STATION TREATMENT PLANT				
2.1.3.1 - Site Works	10,558	100%	100%	10,558
2.1.3.2 - Earthworks	10,814	100%	100%	10,814
2.1.3.3 - Roadworks	14,526	100%	100%	14,526
2.1.3.4 - Restoration	5,593	100%	100%	5,593
2.1.3.5 - Fluoridation Building	147,236	100%	100%	147,236
2.1.3.6 - Pipework	76,055	100%	100%	76,055
2.1.3.7 - Miscellaneous	25,693	100%	100%	25,693
Sub Total Trades - Ingham River PS Treatment Plant:	***290,475***			***290,475***
1.4 HALIFAX TREATMENT PLANT				
2.1.4.1 - Site Works	11,375	100%	100%	11,375
2.1.4.2 - Earthworks	8,540	100%	100%	8,540
2.1.4.3 - Restoration	5,593	100%	100%	5,593
2.1.4.4 - Fluoridation Building	120,318	100%	100%	120,318
2.1.4.5 - Pipework	21,643	100%	100%	21,643
2.1.4.6 - Miscellaneous	7,089	100%	100%	7,089
Sub Total Trades - Halifax Treatment Plant:	***174,558***			***174,558***
1.5 MACKNADE TREATMENT PLANT				
2.1.5.1 - Site Works	10,192	100%	100%	10,192
2.1.5.2 - Earthworks	8,540	100%	100%	8,540
2.1.5.3 - Restoration	5,593	50%	100%	5,593
2.1.5.4 - Fluoridation Building	120,329	100%	100%	120,329
2.1.5.5 - Pipework	28,957	100%	100%	28,957
2.1.5.6 - Miscellaneous	3,490	100%	100%	3,490
Sub Total Trades - Macknade Treatment Plant:	***177,101***			***177,101***
1.6 FORREST BEACH TREATMENT PLANT				
2.1.6.1 - Site Works	11,763	100%	100%	11,763
2.1.6.2 - Earthworks	11,666	100%	100%	11,666
2.1.6.3 - Restoration	5,593	100%	100%	5,593
2.1.6.4 - Fluoridation Building	156,576	100%	100%	156,576
2.1.6.5 - Pipework	57,120	100%	100%	57,120
2.1.6.6 - Miscellaneous	3,490	100%	100%	3,490
Sub Total Trades - Forrest Beach Treatment Plant:	***246,208***			***246,208***

DSDMIP Release

RTI Document No. 657

PAYNTER DIXON QUEENSLAND PTY LTD
ABN : 32 060 951 162

PAYNTER DIXON
BUILDING YOUR BUSINESS

CLIENT: Hinchinbrook Shire Council
25 Lannercost Street, Ingham, Q4850

DATE: 08-July-2013

PROJECT: Fluoridation Plants - HSC0101

CLAIM No: 9 - Works completed to 30 June, 2013

DISCIPLINE	Original	Previous % Completed	% Completed	Value Completed
1.7 FLUORIDATION SYSTEMS - INGHAM DEPOT & RIVER PS				
2.1.7.1 - Fluoridation System	248,221	100%	100%	248,221
2.1.7.2 - Pipe Connections	4,746	100%	100%	4,746
2.1.7.3 - Commissioning	43,962	85%	100%	43,962
2.1.7.4 - Miscellaneous	15,503	100%	100%	15,503
2.1.7.5 - Credit for Siemens Switchboards	-15,048	100%	100%	- 15,048
Sub Total Trades - Fluoridation Systems (25kg):	***297,384***			***297,384***
1.8 FLUORIDATION SYSTEMS - HALIFAX, MACKNADE & FORREST BEACH				
2.1.8.1 - Fluoridation System	404,974	100%	100%	404,974
2.1.8.2 - Pipe Connections	4,746	100%	100%	4,746
2.1.8.3 - Commissioning	57,599	83%	100%	57,599
2.1.8.4 - Miscellaneous	0	100%	100%	-
2.1.8.5 - Credit for Siemens Switchboards	-22,952	100%	100%	- 22,952
Sub Total Trades - Fluoridation Systems (5kg):	***444,367***			***444,367***
1.9 ELECTRICAL AND CONTROL SYSTEMS				
2.1.9.1 - Electrical and Control System	263,666	100%	100%	263,666
2.1.9.2 - Commissioning	27,769	60%	100%	27,769
2.1.9.3 - Miscellaneous	37,700	100%	100%	37,700
Sub Total Trades - Fluoridation Systems (25kg):	***329,135***			***329,135***
2.0 VARIATIONS				
V1 - EoT claim	63,094	100%	100%	63,094
V2 - Ingham River building changes	-22,204	100%	100%	- 22,204
V3 - Seepage Drainage	3,623	100%	100%	3,623
V4 - Remove trees at Forrest Beach	1,152	100%	100%	1,152
V5 - Reduce pipe runs and Forrest Beach	TBC			
V6 - Move Macknade building location	TBC			
V7 - Asbestos pipe in dosing pit - River PS	21,608	100%	100%	21,608
V8 - Dewatering to Forrest Beach	3,665	100%	100%	3,665
V9 - Relocate vent to waste tank	5,615	100%	100%	5,615
V10 - Sample water discharge dosing head arrangement	9,258	100%	100%	9,258
V11 - Plumbing arrangement for water softeners	16,878	100%	100%	16,878
Sub Total Variations:	***102,689***			***102,689***
TOTAL COSTS OF WORKS COMPLETED TO DATE:	**$3,042,088**		**100%**	**$3,042,088**

LESS PREVIOUS CLAIMS (approved amounts)

Tax Invoice 4427 - Claim 8	$257,922
Tax Invoice 4371 - Claim 7	$556,716
Tax Invoice 4317 - Claim 6	$697,934
Tax Invoice 4270 - Claim 5	$523,810
Tax Invoice 4213 - Claim 4	$232,236
Tax Invoice 4169 - Claim 3	$297,888
Tax Invoice 4124 - Claim 2	$156,899
Tax Invoice 4102 - Claim 1	$287,971
Total Invoiced To Date:	$3,011,376

TOTAL THIS CLAIM EXCL. GST	**$30,712.02**

This Claim has been prepared and made in accordance with the 'Building and Construction Industry Payments Act 2004'.

Agreed Contract Payment Conditions

28 days in accordance with Clause 42.1 of the Contract

CON-DOC-001-01-01

DSDIP - RTI Release

RTI Document No. 658

20/02/2013

			23.9%	23.0%	18.0%	18.5%	16.6%	
			Depot WTP	Ing Water PS	Halifax WTP	MKD WTP	Forrest Beach	
CX.02103	**Fluoridisation Concept Design Report**							
	Professional Fees	$ 21,423.56	$ 5,120.23	$ 4,927.42	$ 3,856.24	$ 3,963.36	$ 3,556.31	$ 21,423.56
CX.02159	**Fluoridisation - Site Survey Work**	$ 16,150.00						
	Contractors (not machinery)	$ 15,625.00	$ 3,734.38	$ 3,593.75	$ 2,812.50	$ 2,890.63	$ 2,593.75	$ 15,625.00
	Hire of Vacuum Excavation Equipment	$ 525.00	$ 125.48	$ 120.75	$ 94.50	$ 97.13	$ 87.15	$ 525.00
CX.02160	**Fluoridisation - Geotechnical Work**	$ 19,856.15						
	Contractors (not machinery)	$ 19,031.15	$ 4,548.44	$ 4,377.16	$ 3,425.61	$ 3,520.76	$ 3,159.17	$ 19,031.15
	Hire of Vacuum Excavation Equipment	$ 825.00	$ 197.18	$ 189.75	$ 148.50	$ 152.63	$ 136.95	$ 825.00
CX.02770	**Fluoridisation Survey**	$ 6,876.57						
	Professional Fees	$ 6,876.57	$ 1,643.50	$ 1,581.61	$ 1,237.78	$ 1,272.17	$ 1,141.51	$ 6,876.57
CX.02852	**Fluoridisation - Telemetry Setup**	$ 2,343.00						
	Professional Fees	$ 2,343.00	$ 559.98	$ 538.89	$ 421.74	$ 433.46	$ 388.94	$ 2,343.00
CX.02158	**Fluoridisation Detailed Engineering Design**	$ 241,016.95						
	Professional Fees	$ 241,016.95	$ 57,603.05	$ 55,433.90	$ 43,383.05	$ 44,588.14	$ 40,008.81	$ 241,016.95
CX.03101	**Fluoridisation - PPE Setup**	$ 6,057.45						
	Materials and Equipments	$ 6,057.45	$ 1,447.73	$ 1,393.21	$ 1,090.34	$ 1,120.63	$ 1,005.54	$ 6,057.45
CX.03102	**Fluoridisation - Training**	$ 20,901.49						
	Training	$ 20,901.49	$ 4,995.46	$ 4,807.34	$ 3,762.27	$ 3,866.78	$ 3,469.65	$ 20,901.49
CX.02937	**Fluoridisation - Request for Information**	$ 2,780.30						
	Information	$ 2,780.30	$ 664.49	$ 639.47	$ 500.45	$ 514.36	$ 461.53	$ 2,780.30
CX.03104	**Fluoridisation - Commisioning**	$ 27,819.64						
	Commisioning	$ 27,819.64	$ 6,648.89	$ 6,398.52	$ 5,007.54	$ 5,146.63	$ 4,618.06	$ 27,819.64
CX.02905	**Fluoride-Buildings & Equipment InghamWPS**	$ 717,837.66						
	Internal Applicatin	$ 566.00		$ 566.00				$ 566.00
	Contractors (not machinery)	$ 717,271.66		$ 717,271.66				$ 717,271.66
CX.02906	**Fluoride-Buildings & Equipment Depot WTP**	$ 696,194.56						
	Internal Applicatin	$ 566.00	$ 566.00					$ 566.00
	Contractors (not machinery)	$ 695,628.56	$695,628.56					$ 695,628.56
CX.02907	**Fluoride-Buildings&Equipment HalifaxWTP**	$ 545,020.79						
	Internal Applicatin	$ 566.00			$ 566.00			$ 566.00
	Contractors (not machinery)	$ 544,454.79			$ 544,454.79			$ 544,454.79
CX.02908	**Fluoride-Buildings&Equipment MacknadeWTP**	$ 558,546.30						
	Internal Applicatin	$ 566.00				$ 566.00		$ 566.00
	Contractors (not machinery)	$ 555,089.90				$555,089.90		$ 555,089.90
	Electrical Contractor	$ 2,890.40				$ 2,890.40		$ 2,890.40
CX.02909	**Fluoride-Buildings&Equipment F/BeachWTP**	$ 610,545.52						
	Internal Applicatin	$ 566.00					$ 566.00	$ 566.00
	Contractors (not machinery)	$ 609,979.52					$ 609,979.52	$ 609,979.52
			Depot WTP	Ing Water PS	Halifax WTP	MKD WTP	Forrest Beach	
		$ 3,493,369.94	$783,483.36	$ 801,839.44	$ 610,761.31	$626,112.95	$ 671,172.89	$ 3,493,369.94

DSDIP RTI Release

RTI Document No. 659

HINCHINBROOK SHIRE COUNCIL
11 FEB 2014
RECEIVED

Queensland Government

Forensic and Scientific Services
HSSA | Health Services Support Agency

CERTIFICATE OF ANALYSIS

CLIENT : (HEHTN)
Environmental Health - Townsville
Townsville Public Health Unit
242 Walker Street
TOWNSVILLE QLD 4810

ATTN: N. Fredericks

Laboratory Reference : SSP0038699
Client Order No. : FREDERICKS_N
Date Received : 13-Jan-2014
Laboratory Number : 14NA224
Batch No : 616-37

Client Reference : HIN909
Date Sampled : 09-Jan-2014
Sample Point : Ingham Depot SP23 pH 6.77, CL2 0.8, F 0.65
Sample Source : Ground
Owner : N Fredericks

Submitting Authority : Hinchinbrook Shire Council
Reason for Analysis : Compliance
Water Treatment : Chlorinated

Method		Units	Result	Guidelines ** Health	Guidelines ** Aesthetic
18320	Conductivity @ 25°C	µs/cm	173		
18226	pH	at 23°C	7.32		6.5 - 8.5
18209	Total Hardness*	mg $CaCO_3$/L	31		200
18209	Temporary Hardness*	mg $CaCO_3$/L	31		
18208	Alkalinity*	mg $CaCO_3$/L	39		
18209	Residual Alkalinity*	meq/L	0.2		
18195	Silica	mg/L	44		80
18209	Total Dissolved Ions*	mg/L	113		
18209	Total Dissolved Solids*	mg/L	132		600
18206	True Colour	Hazen	<1		15
18212	Turbidity	NTU	1		5
18209	pH Sat.* (calc. for $CaCO_3$)		8.9		
18209	Saturation Index*		-1.6		
18209	Mole Ratio*		2.7		
18209	Sodium Absorpt. Ratio*		1.6		
18209	Figure of Merit Ratio*		0.7		

Method		Units	Result	Guidelines ** Health	Guidelines ** Aesthetic
	CATIONS				
18195	Sodium	mg/L	21		180
18195	Potassium	mg/L	1.1		
18195	Calcium	mg/L	7.3		
18195	Magnesium	mg/L	3.1		
18209	Hydrogen*	mg/L	0.0		
	ANIONS				
18209	Bicarbonate*	mg/L	48		
18209	Carbonate*	mg/L	0.1		
18209	Hydroxide*	mg/L	0.0		
18204	Chloride	mg/L	16		250
18204	Fluoride	mg/L	0.65	1.5	
18204	Nitrate	mg/L	11	50	
18204	Sulphate	mg/L	4.2	500	250
	OTHER DISSOLVED ELEMENTS				
18195	Iron	mg/L	<0.01		0.3
18195	Manganese	mg/L	<0.01	0.5	0.1
18195	Zinc	mg/L	0.03		3
18195	Aluminium	mg/L	<0.05		0.2
18195	Boron	mg/L	0.02	4	
18195	Copper	mg/L	<0.03	2	1

Notes: * parameter is derived from calculation.
** Australian Drinking Water Guidelines 2011 (ADWG) Health and Aesthetic Values
'-' not determined

Lab use Only: TE 352.00 TC 1.56 TA 1.64 Imb 0.02 A I/C 0.51

Please note that the concentration of total elements present may be higher than that of dissolved elements stated in this report.
The water complies with Australian Drinking Water Guidelines 2011 for the parameters tested.

Sch. 4(4)(6)

NATA Accredited Laboratory 41 Accredited for compliance with ISO/IEC 17025.

Tatiana Komarova
Chemist, Inorganic Chemistry
20-Jan-2014

14NA224

This report overrides all previous reports. The results relate solely to the sample/s as received and are limited to the specific tests undertaken as listed on the report. The results on this report are confidential and are not to be used or disclosed to any other person or used for any other purpose, whether directly or indirectly, unless that use is disclosed or the purpose is expressly authorised in writing by Queensland Health and the named recipient on this report. To the fullest extent permitted by law, Queensland Health will not be liable for any loss or claim (including legal costs calculated on an indemnity basis which arise because of (a) problems related to the merchantability, fitness or quality of the sample/s, or (b) any negligent or unlawful act or omissions by Queensland Health that is connected with any activities or services provided by Queensland Health under this agreement (including the timing and/or method under which the sample/s were taken, stored or transported).

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Phone (+61 7) 3274 9111
Fax (+61 7) 3000 9628
Email FSS@health.qld.gov.au

FSDP - RTI Release
RTI Document No. 660

Final Subsidy Post-Commissioning Checklist

IPMG Infrastructure Project Management Group

SCHEME INFORMATION	
Name of Public Potable Water Supplier	HINCHINBROOK SHIRE COUNCIL
Name of Scheme	INGHAM DEPOT WTP

COMMISSIONING	Included
A commissioning plan was prepared that included the following:	
Treatment plant operational requirements *e.g. Whether high flow or low flow simulation will be required*	✓
Resources required *Including treatment plant operator attendance, key vendor representation*	✓
Training	✓
Risk assessment and contingency plans	✓
Operational Health and Safety Considerations	✓
Public interest consideration *e.g. Noise, visuals*	✓
Community communication (Separately done by Council)	✓
Quality Assurance Program compliance	✓
Environmental impacts	✓
Acceptance testing requirements and acceptance criteria for the various components	✓
Details on how any variation in raw water fluoride levels during the commissioning process will be managed	✓
The commissioning activity included the following:	
Inspection and performance tests of all structures *Under actual operating conditions*	✓
Inspection and performance tests of all pipelines *Under actual operating conditions*	✓
Inspection and performance tests of all equipment, systems and processes *Under actual operating conditions in manual and automatic modes*	✓
Dry and wet testing	✓
Calibration of metering pumps and feeders	✓
Calibration of all instruments	✓
Testing and commissioning of electric, instrumentation and control systems	✓
Testing and commissioning of alarm annunciators, set points and other control systems	✓
Activation of alarms by inducing actual fault conditions *Including tests of the common failure modes for under-dosing and over-dosing*	✓

Note: Italicised text is provided only as guidance

DRAFT

RTI Document No. 661

	Included
Function checks on interlocks and control systems	✓
The acceptance test specifications included:	
The conditions under which the tests are to be performed *e.g. high or low flow conditions*	✓
The proving period for each condition	✓
The acceptable test results	✓
What commissioning activities were to be repeated in the event of failures	✓

CERTIFICATION

I / We certify that:

- Commissioning has included all of the items in this completed checklist.
- The scope and detail of commissioning is sufficient to meet normally accepted requirements for the commissioning of similar facilities.

Certification by person responsible for water supply services e.g. Water Supply & Sewerage Engineer

Name	COLIN CRANFIELD
Title	TECHNICAL DIRECTOR
RPEQ Number	3784040
Signature	Sch. 4(4)(6)
Date	05/03/2014

Certification by Fluoridation Equipment Supplier

Name	PAUL CURTIS
Title	ORDER EXECUTION MANAGER EVOQUA LTD
Signature	Sch. 4(4)(6)
Date	05/03/2014

DSDIP RTI Release

RTI Document No. 662

Water Fluoridation Code of Practice
Compliance Statement

IPMG Infrastructure Project Management Group

SCHEME

Name of Public Potable Water Supplier HINCHINBROOK SHIRE COUNCIL

CERTIFICATION

I / We certify that:

- The design for the fluoridation facility meets the design requirements for the Water Fluoridation Code of Practice, including reasonable allowance for scenarios likely to be encountered during the lifetime of the facility;
- The facility has been constructed in accordance with the design to meet the requirements of the Water Fluoridation Code of Practice;
- The scope and extent of commissioning was sufficient to prove compliance with the Water Fluoridation Code of Practice, including reasonable allowance for scenarios likely to be encountered during the lifetime of the facility;
- Staff have received adequate training to ensure ongoing adequate operation and maintenance of the fluoridation facility in accordance with the Water Fluoridation Code of Practice;
- A monitoring programme has been established in accordance with the requirements of the Water Fluoridation Code of Practice, and the monitoring program demonstrates compliance with the performance requirements of the Water Fluoridation Code of Practice;
- Documentation and contingency plans have been established in accordance with requirements of the Water Fluoridation Code of Practice;
- Overall, the facility meets all the requirements of the Water Fluoridation Code of Practice, and it is reasonable to expect that it will continue to do so in the future.

Certification by person responsible for water supply services e.g. Water Supply & Sewerage Engineer

Name	COLIN CRANFIELD
Title	TECHNICAL DIRECTOR
RPEQ Number	3784040
Signature	Sch. 4(4)(6)
Date	05/03/2014
Name	PAUL CURTIS
Title	ORDER EXECUTION MANAGER EVOLVE LTD
Signature	Sch. 4(4)(6)
Date	05/03/2014

DSDIP RTI Release

RTI Document No. 663

Hinchinbrook Fluoridation – Close out Report

Lessons Learnt

Looking at the Hinchinbrook Fluoridation Project in overview, Council can note some items that may assist the Department for future implementations. A list of these is given below:

- Hinchinbrook Shire Council has 5 water treatment plants, all of which now have fluoridation. There are a total of 3 water schemes in the Shire. The Fluoridation Funding was set up with 5 separate agreements for each Fluoridation Plant. It would have been preferred if these agreements were rolled into one.

- The delay in payment and ongoing request for documentation placed strain on Council and created a shortfall in Council's cash flow. It would have been helpful if required documentation, e.g. Statutory Declarations, was requested at the beginning of the project and Council could have gathered these from companies after invoices were processed.

- It may have been of advantage for the Shire to have the broad technical specifications determined by a Technical Specification Committee appointed by the State Department Proposing the implementation of a process. These Specifications could then be set up to suit a range of scheme sizes. There would have been a significant cost saving to Local Government and the State Government if there was say six (6) standard treatments to suit various size schemes that could be applied according to the number of connections. These standardised solutions could then be modified according to local conditions but would not need Technical review or detailed first principals design. A further advantage may be that the limited number of equipment suppliers could be contacted prior to projects commencing to collaborate on specifications and arrange Standing Offer pricing.

DSDIP - RTI Release

RTI Document No. 664

Ref 121

Public potable water supplier:

Hinchinbrook Shire Council

Project name:

Ingham River PS WTP Fluoridation

Fluoridation of the Ingham River PS **water treatment plant**

DSDIP - RTI Release

RTI Document No. 665

Introduction

The objective of this report is to provide the Queensland Government with:

- a summary of activities that took place to achieve the goals of the project (by completing the below questions)
- support for the last funding expenditure reimbursement claim.
- a notification the project has been completed.

Instructions

Please answer all questions relevant to your project. If you are unable to provide an answer, please state so. If the question is not applicable to your project, please answer "Not Applicable" and why this is so.

1. Project details

Please insert the details about your project in the table below.

Project name	Ingham River PS Fluoridation
Approval date	14 September 2011
Funding agreement execution date	16 November 2011
Approved funding ($)	712 618
Funding paid to date ($)	$641,356
Population served	7218

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RTI Document No. 666

2. Construction details

Please insert the construction details about your project in the table below.

Procurement methodology	Client Design / Construct Only (Competitive Tender)	
Concept design prepared by	Harrison Grierson Consultants PTY Ltd	
Detailed design prepared by	Harrison Grierson Consultants PTY Ltd	
Construction awarded to	Paynter Dixon	
Fluoridation equipment supplier	Siemens Water	
Flow meters utilised (type and size)	Siemens	
Concentration analysers utilised	Prominent	
Remote monitoring equipment (if installed)	Citek based SCADA System by Cooper Industries as all other W&S equipment used this remote monitoring	
Plant capacity including minimum and maximum flow demands	Fluoride Dose (kgF/d) at Min Water Demand 3	Fluoride Dose (kgF/d at Max Water Demand 4.8
Chemical type	Sodium Fluoride	

DSDIP - RTI Release

RTI Document No. 667

3. Timelines

Please provide the dates for your project milestones in the table below.

Activity	Original forecasted date	Actual completion date
Commencement of Fluoride concept design report (FCDR)	December 2010	December 2010
Construction commencement	June 2011	October 2012
Commencement date of proof of performance testing	December 2011	June 2013
Completion date of proof of performance testing	January 2012	July 2013
Commissioning date/hand over to PPWS	January 2012	12/11/2013
Training completed and competency gained	December 2011	17 June 2013

Please complete the questions below about your project timelines.

3.1 Has there been any major delays to the **construction** of the fluoride facility?

Yes / (**No**) (please circle)

3.2 If yes, what caused these delays? (you may attach a report detailing the reasons for the delays)

DSDIP - RTI Release

RTI Document No. 668

4. Costs

Please insert your project costs in the table below and provide further information if applicable to the question below.

Activity	Original forecasted amount	Actual amount
Final cost of planning, design and construction	$1,189,000	$801,839.44
Commissioning costs	Included above	Included Above
Cost of chemical supply per bag (including freight)	$62/bag	$72.38/25kg pail

4.1 If the project was completed at a higher than estimated cost and the contingency amount was required, please provide a brief explanation as to why this occurred (you may attach a report detailing the reasons for the increased cost).

Higher chemical cost is due to the adoption of 5kg sodium fluoride bottles at Halifax, Macknade and Forrest Beach as part of value – engineering exercise during detailed engineering to reduce capital cost.

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RTI Document No. 669

5. Closure

Please provide further details on the items listed below (you may use attachments):

5.1 Proof of performance testing criteria
14 days daily test. Refer to attached Daily Record Sheets.
Final fluoride level 0.7 ± 0.1 mg/L

5.2 Proof of performance testing results
Refer to Long Term Monitoring Data

5.3 Water analysis results
Refer to Laboratory Results

5.4 Please provide a list of outstanding business activities, risks and issues associated with the project.
None to report.

5.5 What closure activities still require completion?
Minor defects, Defect Liability Period ends on 8th July 2014

5.6 Please provide any 'lesson(s) learnt' which could assist future implementations (you may use attachments). This may include any experience you had with your contractors.
See attached.

Please circle an answer to each of the questions below, If the answer is 'to be completed' please insert the date for which it will be completed by.

5.7. Is hand over of the project deliverables and documentation
Completed / to be completed by _____

5.8 Termination of any supplier contracts:
Completed / to be completed by _____

5.9 Release resources
Completed / to be completed by 8 July 2014

5.10 Undertake closure communication (for example Queensland Health)
Completed / to be completed by 9 March 2014

DSDIP RTI Release

RTI Document No. 670

6. Photographs

Please provide electronic copies of photographs showing the following:

- the completed project
- photographs of the project during construction
- a photograph of the dosing meter showing the dosing level
- A copy of the 24 hour trend graph indicating WTP flow and fluoride levels.

7. Documentation

Please provide copies of the following documents:

- the Certificate(s) of Practical Completion issued by the superintendent(s) (See Attachment)
- the Certificates of Final Acceptance Tests – (Refer to HSC Long Term Operational Data)
- written evidence the fluoride facility has met the performance requirements of the Regulation for a period of not less than 14 consecutive operating days and continues to do so (Refer to HSC Long Term Operational Data)
- written evidence two (2) plant operators per fluoride facility have completed qualified training (See attached)
- written evidence the associated documentation (e.g. operation and maintenance manuals, as-constructed information) is complete in all respects (See attached)
- the certified contract payment schedules, the Certificate(s) of Practical Completion and the Certificates of Final Acceptance Tests (See attached)
- the final Budget and cost report (See attached)
- results of tests carried out in accordance with the Regulation demonstrating that the fluoride facility is meeting the requirements of the Regulation (See attached)
- the completed final subsidy post-commissioning checklist (See Attached)
- a statement of compliance with the Regulation. (See attached)

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RTI Document No. 671

9. Sign Off

I certify that the information provided in this report is an accurate reflection of project activities.

Sch. 4(4)(6)

Signed

Colin Gray

Project Manager

Sch. 4(4)(6)

Signed

Leanne Mash

Chief Executive Officer

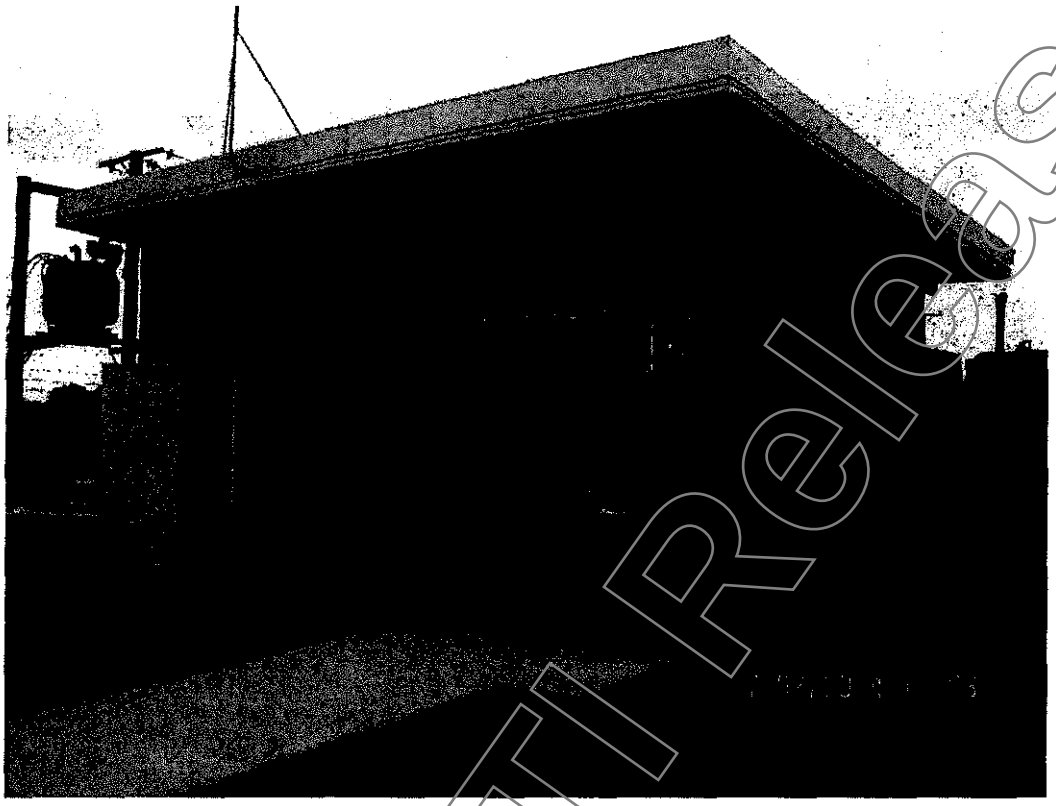
DSDIP - RTI Release

RTI Document No. 672

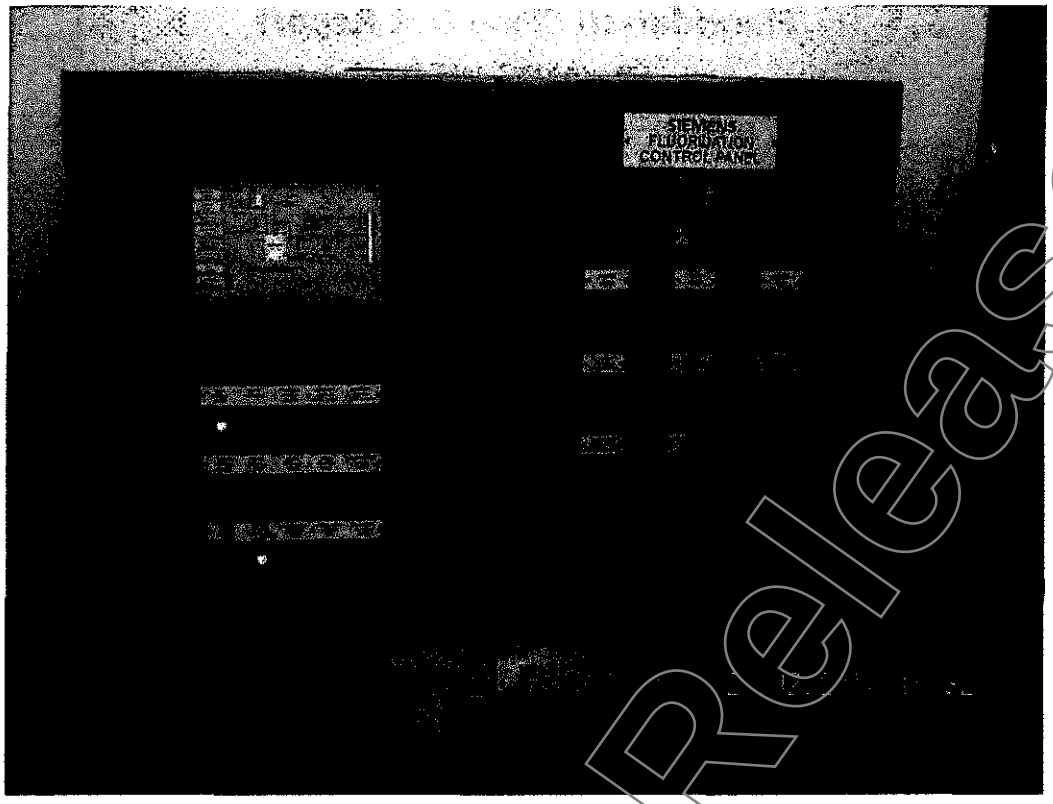
Fluoridation Close Out Report

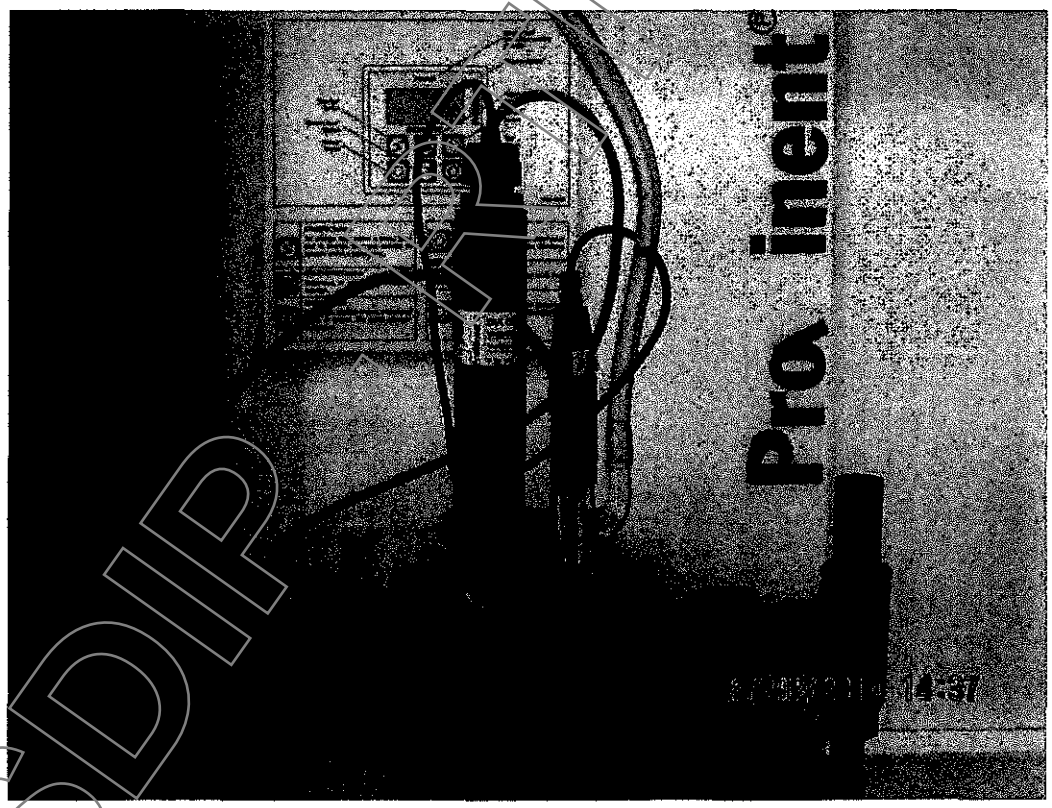
River PS WTP

Fluoridation Plant Photos



DSDIP RTI Release





N:\1014\130589_01\400 Tech\410 Site Info\2. Ingham Herbert River Pumps\River PS Fluoridation Plant Photos-cdc.docx

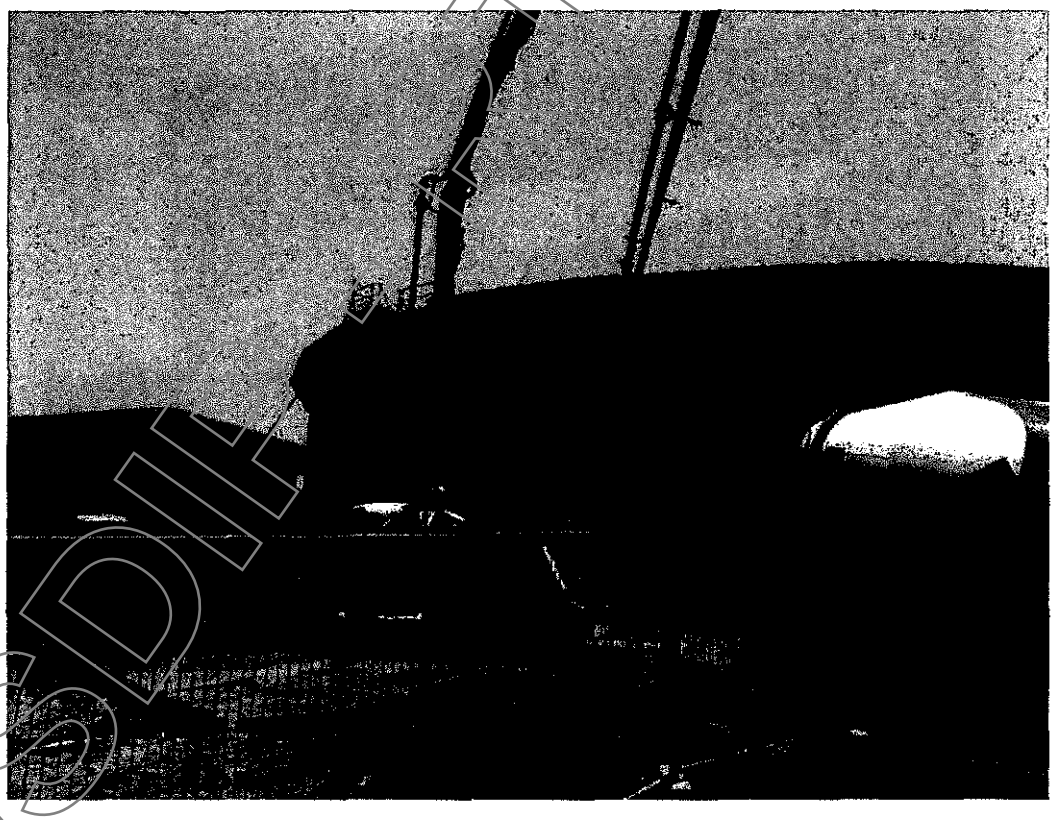
DSDIP RTI Release

RTI Document No. 674

Fluoridation Close Out Report

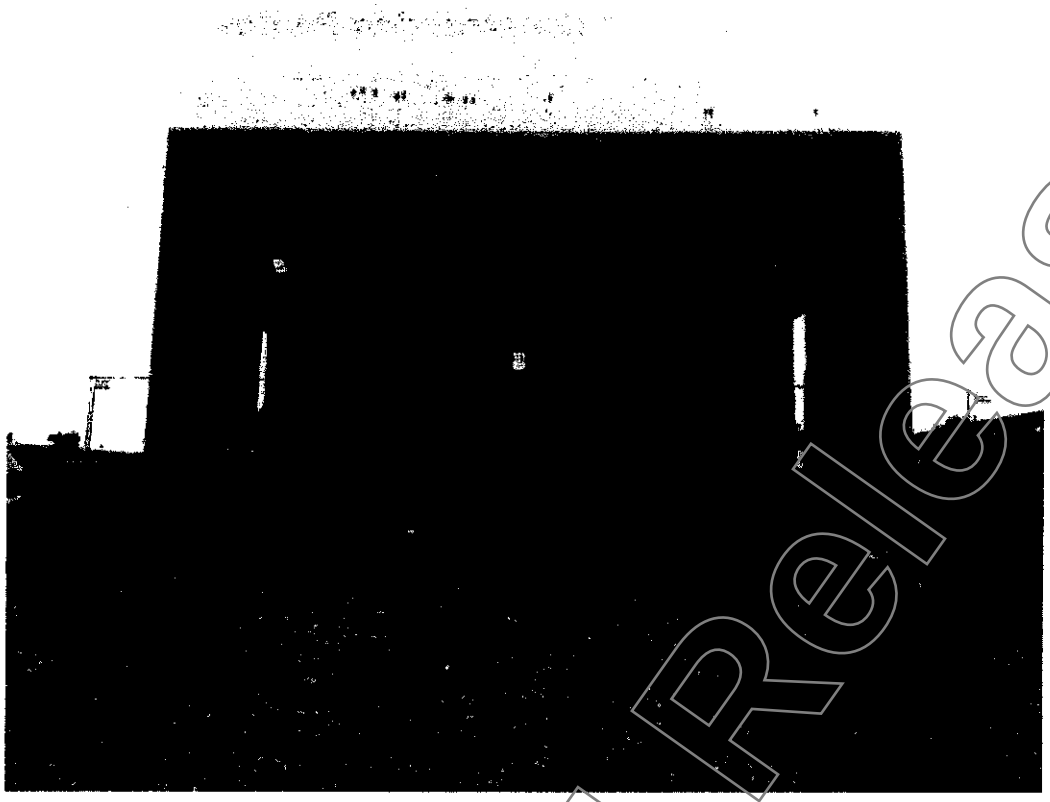
Fluoridation Plant Construction Photos

Forrest Beach Fluoridation Building

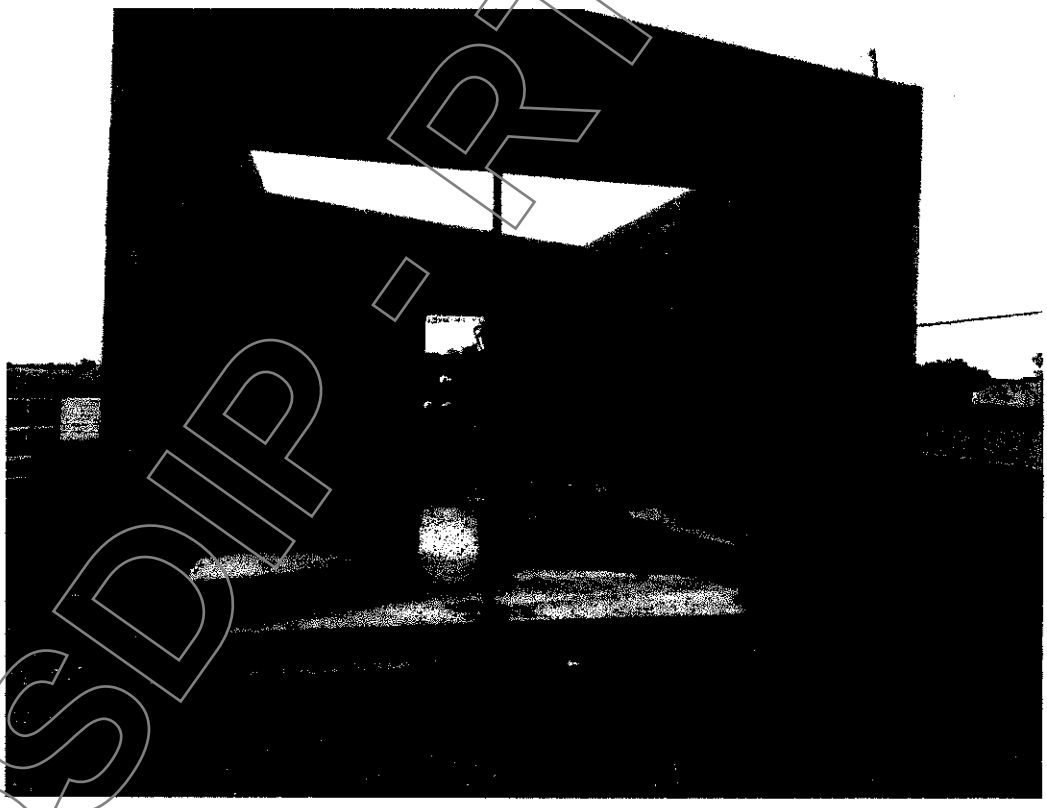


Ingham River PS Site

DoDIR RTI Release

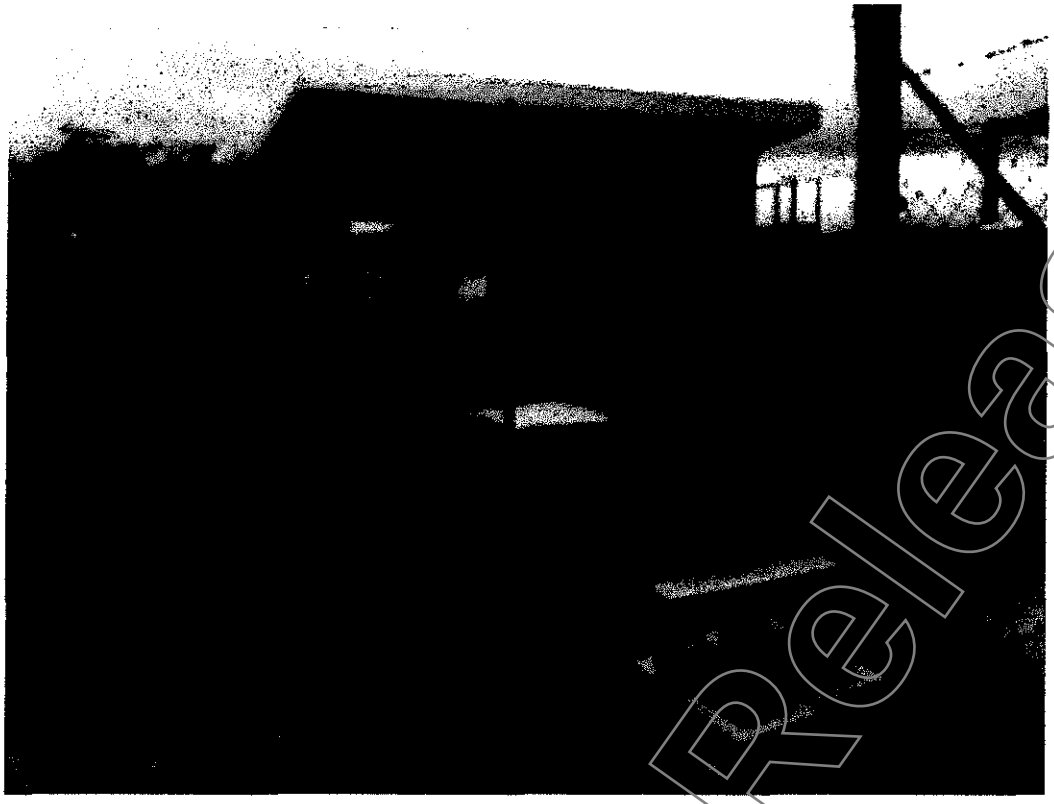


Ingham Depot Fluoridation Building

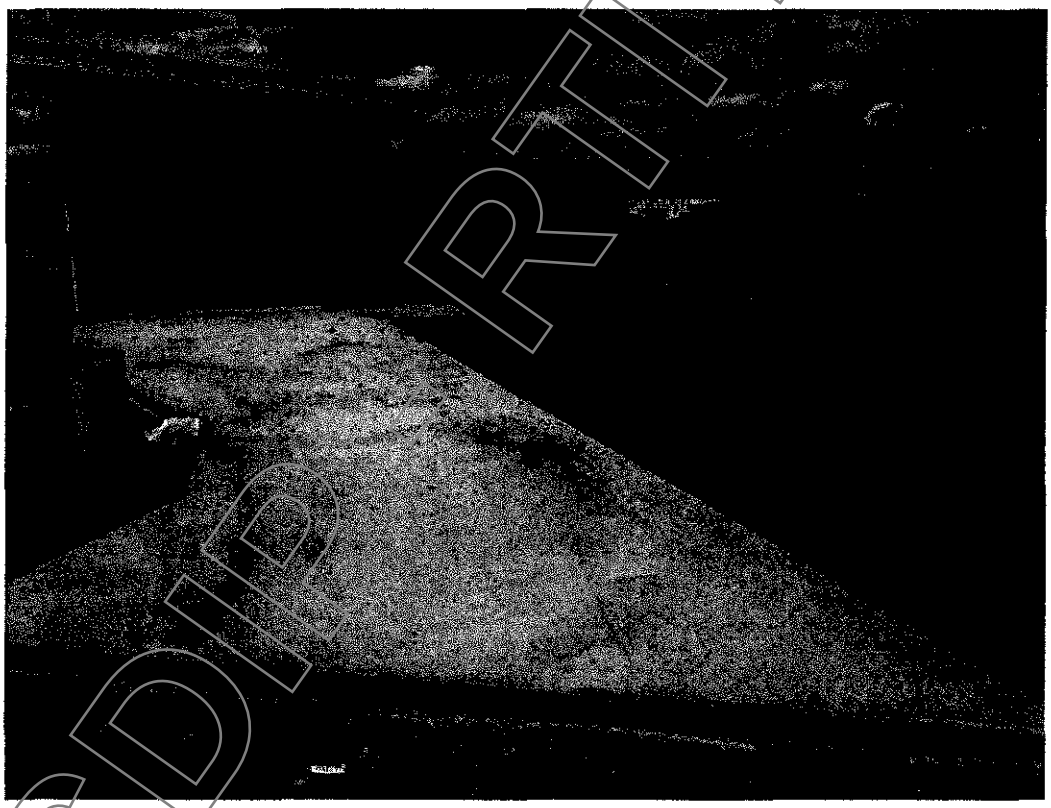


Ingham Fluoridation Building

DSDIP - RTI Release

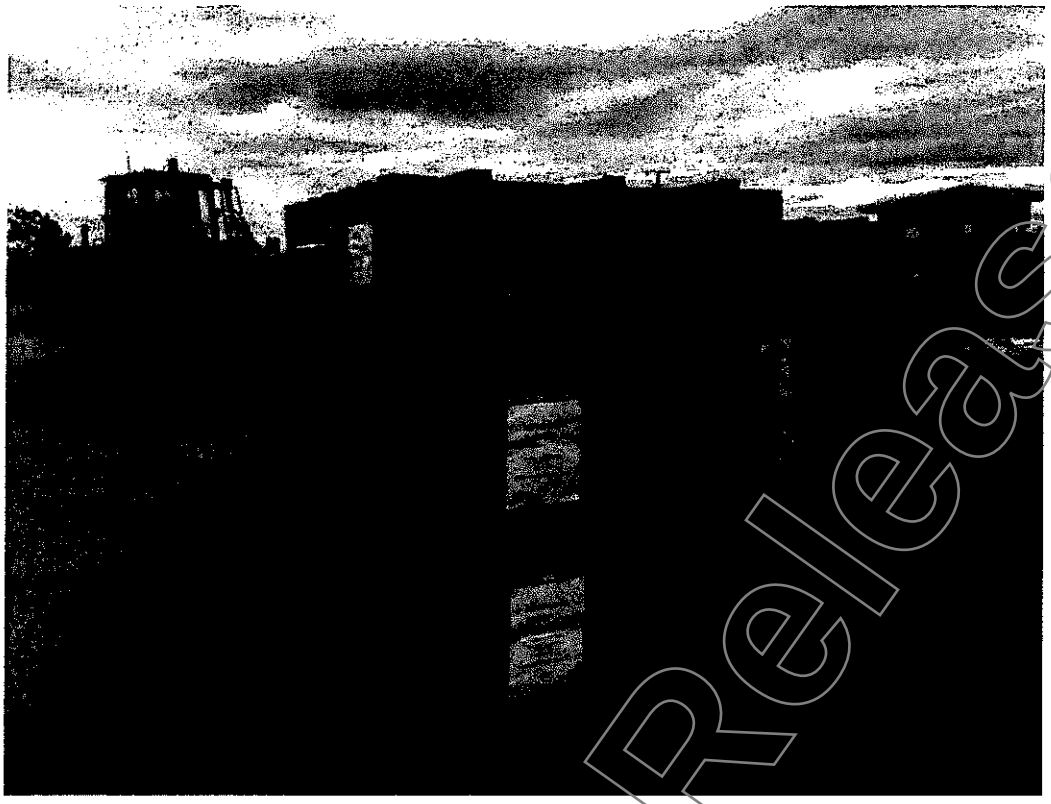


Ingham River PS (Close to completion)



Ingham Depot Fluoridation Building (Close to completion)

DSDIP RTI Release



F Dosing Panels delivered

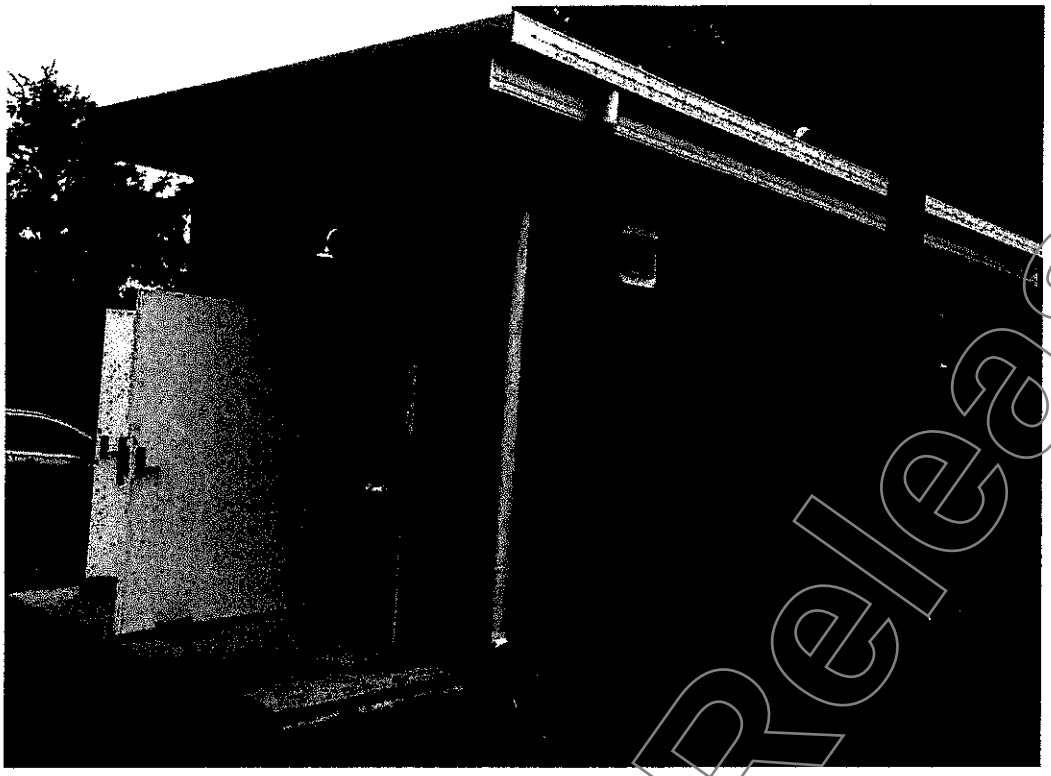
F Dosing Switchboard (wiring)

DSDIP - RTI Release

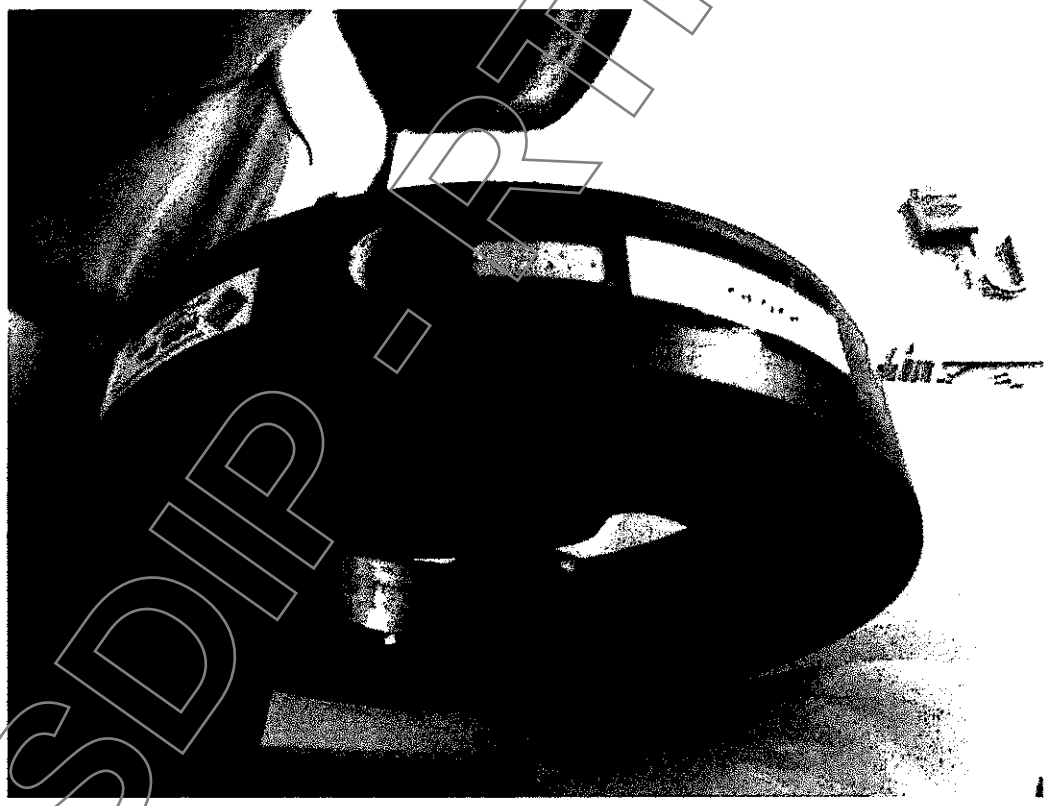
Fluoridation Room Internal prior to mechanical fit – out

Fluoride Analyser Panels (Macknade)

DSDIP - RTI Release



Halifax Fluoridation Building (almost complete)



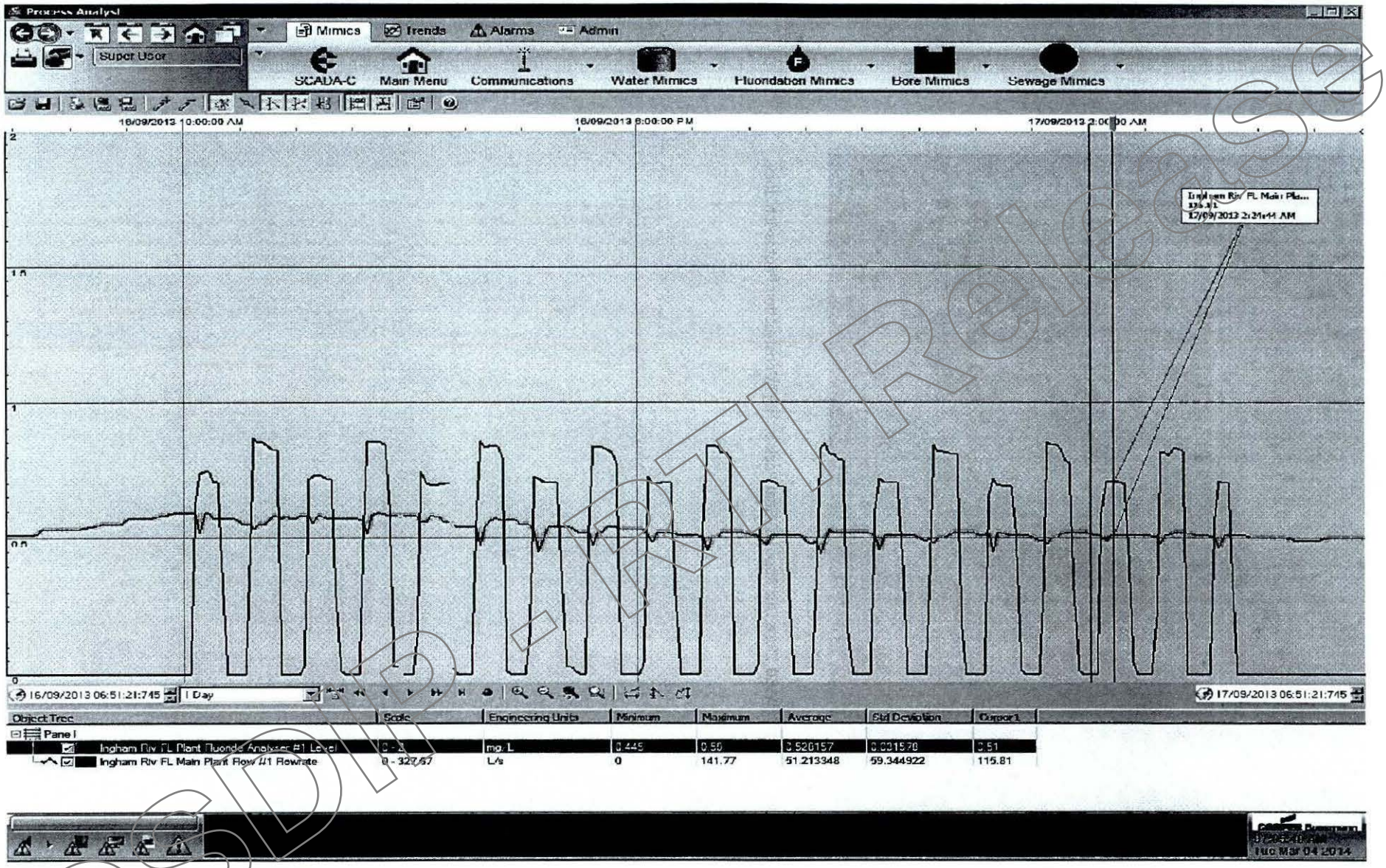
Injection Station Mixers for fluoridation addition

DSDIP - RTI Release

Waste Tank

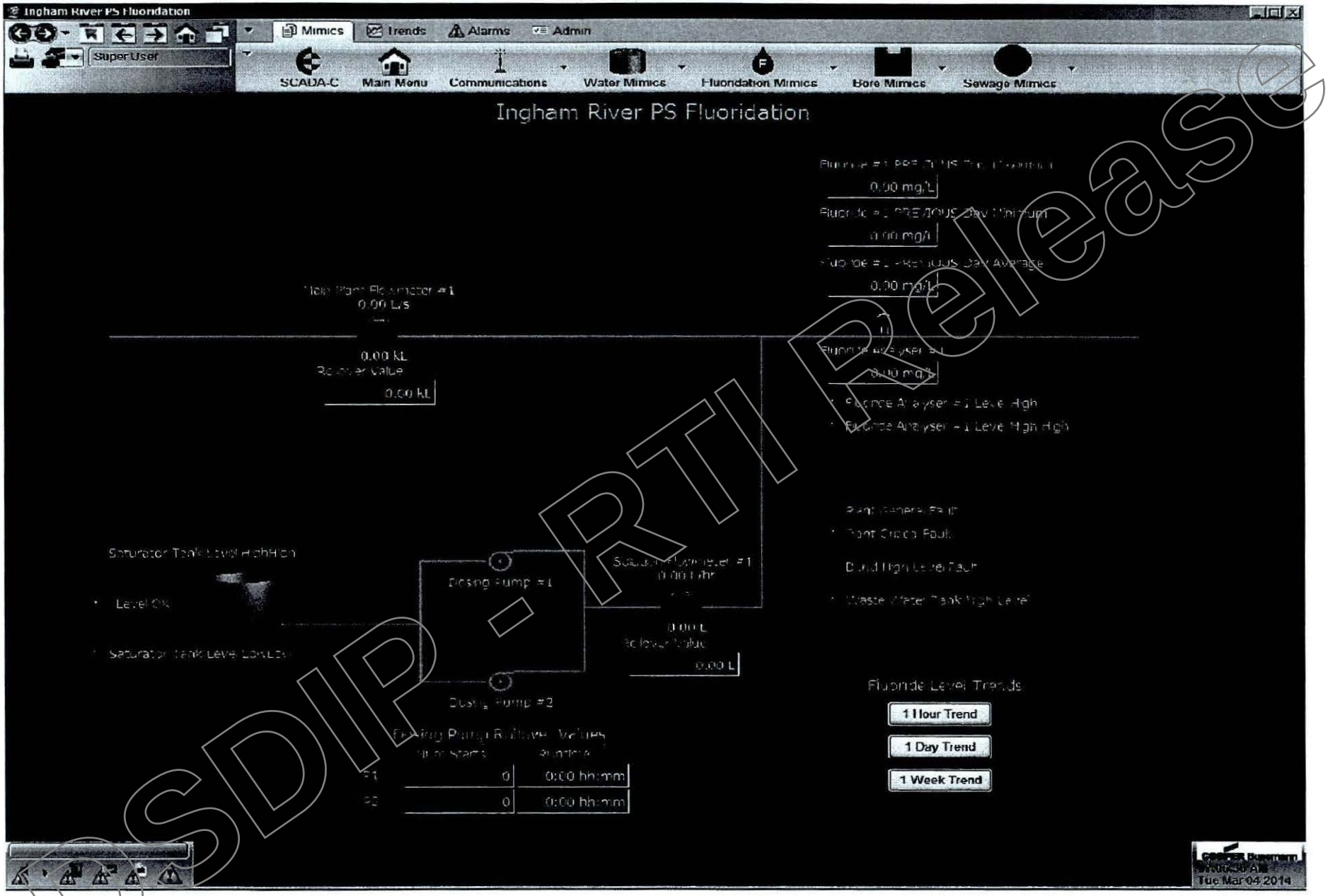
N:\1014\130589_01\500 Del\560 Close Out Reports\Final Pack to HSC\Construction Photos-ich.docx

DSDIP - RTI Release



RTI Document No. 682

DSDIP RTI Release



Fluoridation Plant at Ingham River Pumping Station was not operational at the time these screenshots were taken due to dirty source water.

DSDIP - RTI Release

HARRISON GRIERSON

Certificate of Practical Completion
(AS2124-1992)

Date	8 July 2013
Date of Issue	12 July 2013
Principal	Hinchinbrook Shire Council PO Box 366 **Ingham, QLD 4850**
Contract Title	Hinchinbrook Shire Council Fluoridation Project
Contract Details	1014-130589-01
Contractor	Paynter Dixon Queensland Pty Ltd PO Box 2491 **Milton, QLD 4006**

This is to certify that in accordance with clause 42.5 and 42.6 of AS2124-1992, the above named Contract Works have been inspected and qualified for a Practical Completion certificate on 8 July 2013.

Defects Liability and maintenance obligations, as detailed in the Contract documentation and AS2124-1992, commenced on this date and continue until 8 July 2014.

This certificate is issued subject to minor omissions and/or minor defects as **listed below* being corrected/completed within the time set by the Superintendent and without prejudicing the Principal's/occupier's convenient use of the contract works.

This certificate is issued in accordance with Clause 42.5 and 42.6 of the conditions of contract.

**Minor omissions and/or defects to be corrected:*

1. Refer attached Defects List dated 8 July 2013 - Contract No. 1014-130589-01 HSC0101 - Hinchinbrook SC Fluoridation (4 Pages).

Harrison Grierson Consultants Pty Limited

Sch. 4(4)(6)

Colin Cranfield
Contract Superintendent

Distribution

☑ Principal ☑ Contractor ☑ Engineer

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Harrison Grierson Consultants Pty Limited
Level 10, 133 Mary Street
Brisbane, Australia
GPO Box 1064
Brisbane QLD 4001
Ph 07 3003 1400 Fax 07 3003 1400
Email brisbane@harrisongrierson.com
www.harrisongrierson.com
ISO9001 Quality Assured

DSDIP RTI Release

RTI Document No. 684

HINCHINBROOK SHIRE COUNCIL

Water Fluoridation Regulation 2008 Recording Requirements (Section 10)

Form 4D (Saturator Feed) Daily Record Sheet for Week Ending: 01/11/2013

Column 5 = Column 2 x Column 3 x Column 4 x 10 x Available Fluoride

Calculated Fluoride Concentration = Column 5 / Column 1 / 1000 + Background Fluoride

Background Fluoride = 0.06 mg/L

Available Fluoride = 0.446

W-F0013

	Day	Date	Time	Column 1 Water Treated (ML)	Column 2 Amount of fluoride solution added to water (L)	Column 3 Solution fluoride strength (g/100mL)	Column 4 Chemical Purity %	Column 5 Amount of fluoride ion added to water (g)	Fluoride concentration in treated water (mg/L)			Online Analyser		Maximum Fluoride (mg/L)	Minimum Fluoride (mg/L)	Average Fluoride (mg/L)	Additional Records		Operator Signature
									Calculated	Benchtop Measured	Online Analyser Measured	Temp (°C)	mV				Retic Sample No. 1	Retic Sample No. 2	
SCADA	Sat	26/10/2013	6:00 AM	4.585	135	4	98.56%	2420.88	0.60					0.76	0.50	0.68	SP___	SP___	
Manual			7.00am	3.430	101.34	4	98.56%	1817.83	0.61	0.728 Rechal	0.65	29.1	128.5						VB
SCADA	Sun	27/10/2013	6:00 AM	2.720	2	4	98.56%	35.16	0.07					081	0.10	0.26	SP___	SP___	
Manual			7.20	2.72330	2.29	4	98.56%	40.27	0.08	0.17	0.13	26.1	173.2						
SCADA	Mon	28/10/2013	6:00 AM	3.679	108	4	98.56%	1937.70	0.61					0.79	0.13	0.63	SP___	SP___	
Manual			7.45am	4.402	130.11	4	98.56%	2333.91	0.61	0.677	0.73	31.4	129.1						VB
SCADA	Tues	29/10/2013	6:00 AM	5.029	148	4	98.56%	2602.29	0.577					078	055	0.68	SP 43	SP 44	
Manual			10.27	5.056	149.31	4	98.56%	2625.34	0.58	0.678	0.73	30.5	128.5				0.496	0.612	
SCADA	Wed	30/10/2013	6:00 AM	4.399	130	4	98.56%	2.28581	0.56					074	055	0.67	SP___	SP___	
Manual			9.00	4.023	119.15	4	98.56%	2.09503	0.58	0.692	0.74	31.7	128.8						DC
SCADA	Thurs	31/10/2013	6:00 AM	4.225	125	4	98.56%	2197.89	0.58					078	050	0.67	SP___	SP___	
Manual			7.55	3.95753	115.37	4	98.56%	2028.57	0.58	0.714	0.73	23.6	127.8						
SCADA	Fri	01/11/2013	6:00 AM	4.335	127	4	98.56%	2233.054	0.575					077	050	0.67	SP___	SP___	
Manual			8.55	4.86225	143.91	4	98.56%	2530.39	0.58	0.822	0.73	30.5	128.8						

Water Supplier:	Hinchinbrook Shire Council SP62	**Name of Treatment Plant:**	Ingham River Pump Station WTP		Implementation Date: 05/08/2013 Current Revision: C
Fluoridation Chemical Used:	Sodium Fluoride (NaF)	**Name of Supplier:**	Orica Pty Ltd	**Manager:**	Water and Sewerage Manager

O:\Water and Sewerage\New Water & Sewerage\Water\Operation & Maintenance\W-F0013_Fluoride Daily Record Sheet

DSDIP RTI Release

RTI Document No. 685

HINCHINBROOK SHIRE COUNCIL

Water Fluoridation Regulation 2008 Recording Requirements (Section 10)

Form 4D (Saturator Feed) Daily Record Sheet for Week Ending: 08/11/2013

Column 5 = Column 2 x Column 3 x Column 4 x 10 x Available Fluoride

Calculated Fluoride Concentration = Column 5 / Column 1 / 1000 + Background Fluoride

Background Fluoride = 0.06 mg/L

Available Fluoride = 0.446

W-F0013

	Day	Date	Time	Column 1 Water Treated (ML)	Column 2 Amount of fluoride solution added to water (L)	Column 3 Solution fluoride strength (g/100mL)	Column 4 Chemical Purity %	Column 5 Amount of fluoride ion added to water (g)	Fluoride concentration in treated water (mg/L)			Online Analyser		Maximum Fluoride (mg/L)	Minimum Fluoride (mg/L)	Average Fluoride (mg/L)	Additional Records		Operator Signature
									Calculated	Benchtop Measured	Online Analyser Measured	Temp (°C)	mV				Retic Sample No. 1	Retic Sample No. 2	
SCADA	Sat	02/11/2013	6:00 AM	3.497	103	4	98.67%	1813.08	0.58					1.27	0.37	0.66	SP___	SP___	my
Manual			7.25	3.14437	86.09	4	98.67%	1515.42	0.55	0.75	0.66	26.3	129.3						
SCADA	Sun	03/11/2013	6:00 AM	3.352	52	4	98.67%	932.50	0.35					0.73	0.1	0.52	SP___	SP___	
Manual			6.55am	3.128	50.66	4	98.67%	909.75	0.37	0.200	0.11	26	177.7						VB
SCADA	Mon	04/11/2013	6:00 AM	2.567	76	4	98.67%	1337.81	0.59					0.74	0.11	0.51	SP23	SP47	
Manual			11.15	3.65664	91.48	4	98.67%	1610.39	0.50	0.757	0.69	32.3	131.5						my
SCADA	Tues	05/11/2013	6:00 AM	3.688	81.0	4	98.67%	1425.82	0.45					0.81	0.12	0.60	SP25	SP 6	
Manual			8.40	3.44593	74.38	4	98.67%	1309.29	0.44	0.806	0.77	29.6	126.6				0.727	0.723	
SCADA	Wed	06/11/2013	6:00 AM	3.860	93	4	98.67%	1637.053	0.484					0.77	0.12	0.65	SP___	SP___	
Manual			13.15	4.20046	114.15	4	98.67%	2009.36	0.54	0.81	0.71	29.8	129.3						my
SCADA	Thurs	07/11/2013	6:00 AM	3.117	86	4	98.67%	1513.834	0.545					1.18	0.12	0.67	SP___	SP___	
Manual			9.55	3.04103	87.65	4	98.67%	1542.88	0.57	0.875	0.73	30.9	128.3						my CAL
SCADA	Fri	08/11/2013	6:00 AM	3.868	113	4	98.67%	1989.108	0.574					0.74	0.21	0.68	SP___	SP___	
Manual			10.35	3.54896	105.12	4	98.67%	1850.40	0.59	0.847	0.71	29.7	128.8						my

Water Supplier:	Hinchinbrook Shire Council SP62	**Name of Treatment Plant:**	Ingham River Pump Station WTP
Fluoridation Chemical Used:	Sodium Fluoride (NaF)	**Name of Supplier:**	Quantum
		Manager:	Water and Sewerage Manager

Implementation Date: 05/08/2013
Current Revision: C

DEPARTMENT

RTI Document No. 686

Simmonds & Bristow Pty Ltd

The Regional and Remote Water Specialist

Statement of Attainment

A Statement of Attainment is issued when an individual has completed one or more accredited units

This is a statement that

Stephen Joseph Hammond

Student Number: S01204

Has attained

CODE	TITLE OF THE UNIT(S) OF COMPETENCY
NWP276A	Monitor, operate and report fluoridation processes

Dated 17th June 2013

Sch. 4(4)(6)

David Bristow *B.E.(Chem),MIEAUST,RPEQ,AFAIM*
Managing Director
Simmonds & Bristow Pty Ltd

Sch. 4(4)(6)

Michael Dobell-Brown
Trainer/Assessor
Simmonds & Bristow Pty Ltd

RTO Provider Number: 1735
Certificate No.: 00573

NATIONALLY RECOGNISED TRAINING

Head Office: 40 Reginald Street, Rocklea QLD 4106
1800 620 690 | Fax: +61 7 3710 9199
info@simmondsbristow.com.au | www.simmondsbristow.com.au
ABN 33 010 252 418

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RTI Document No. 687

Simmonds & Bristow Pty Ltd

The Regional and Remote Water Specialist

Statement of Attainment

A Statement of Attainment is issued when an individual has completed one or more accredited units

This is a statement that

Tobias Sean Barbi

Student Number: S01206

Has attained

CODE	TITLE OF THE UNIT(S) OF COMPETENCY
NWP276A	Monitor, operate and report fluoridation processes

Dated 17th June 2013

Sch. 4(4)(6)

David Bristow B.E.(Chem),MIEAUST,RPEQ,AFAIM
Managing Director
Simmonds & Bristow Pty Ltd

Sch. 4(4)(6)

Michael Dobell-Brown
Trainer/Assessor
Simmonds & Bristow Pty Ltd

RTO Provider Number: 1735
Certificate No.: 00574

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HINCHINBROOK SHIRE COUNIL

Water Fluoridation

Ingham Sites - Standard Operation Procedure

May 2013
HG Project No. 8010-800955-01
HG Document No. R005v1-BR800955-01

DSDIP - RTI Release

RTI Document No. 689

HARRISON GRIERSON CONSULTANTS LIMITED

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Document	Ingham Sites - Standard Operation Procedure

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Reviewed	..... Nicola Smalberger – Process Engineer Peter Martin – Hinchinbrook SC W&S Manager
Approved for Issue	..... Colin Cranfield - Director

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HINCHINBROOK SHIRE COUNIL

Water Fluoridation

Ingham Sites - Standard Operation Procedure

May 2013
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HG Document No. R005v1-BR800955-01

CONTENTS

		Page
1.0	**INTRODUCTION**	**1**
1.1	DOCUMENT LAYOUT	1
1.2	HEALTH AND SAFETY	2
1.3	RESPONSIBILITIES	3
2.0	**FLUORIDATION SYSTEM DESCRIPTION**	**4**
2.1	SODIUM FLUORIDE	4
2.2	SYSTEM SET-UP	5
2.3	FLUORIDATION PANEL – INDICATOR LIGHTS AND BUTTONS	7
2.4	FLUORIDATION PANEL – HMI DISPLAY	10
2.5	INGHAM DEPOT WTP FLUORIDE DOSING SETUP	10
2.6	INGHAM RIVER PS FLUORIDE DOSING SET-UP	10
2.7	TELEMETRY AND CRITICAL ALARMS	12
3.0	**OPERATING PROCEDURE**	**13**
3.1	DAILY TASK LIST	13
3.2	TWICE WEEKLY ROUTINE	14
3.3	WEEKLY ROUTINE	14
3.4	FORTNIGHTLY ROUTINE	14
3.5	MONTHLY ROUTINE	15
3.6	BIMONTHLY ROUTINE	15
3.7	INFREQUENT MAINTENANCE INSPECTION	16
4.0	**MONITORING PROCEDURE**	**17**
4.1	ONLINE FLUORIDE ANALYSER	17
4.2	DAILY QUALITY SAMPLE COLLECTION	18
4.3	RETICULATION SAMPLE COLLECTION	19
4.4	MONTHLY VERIFICATION SAMPLES	20
4.5	ADDITIONAL SAMPLES	20
4.6	ENTERING TEST RESULTS INTO LOGSHEET	20
5.0	**EMERGENCY RESPONSES**	**21**
5.1	CHEMICAL SPILLAGE	21
5.2	OVERDOSING	22
5.2.1	Online Fluoride Level Exceeds 0.9mg/L	23
5.2.2	Treated Water Sample Fluoride Level Exceeds 1.5mg/L	24

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DSDIP

RTI Document No. 691

5.2.3 Treated Water Sample Fluoride Level Exceeds 0.9mg/L 25
5.2.4 Reticulation Sample Fluoride Level Exceeds 0.9mg/L 25
5.2.5 External Fluoride Test Results Exceeding 0.9mg/L 26
5.3 FLUORIDE TEST RESULTS INCONSISTENCY 26
5.4 POWER OUTAGE 27
6.0 RECORD KEEPING AND REPORTING 27
6.1 RECORD KEEPING AND AUDITING 27
6.2 NON-OPERATIONAL REPORT 27
6.3 QUARTERLY REPORT 27
7.0 LIMITATIONS 28
7.1 GENERAL 28
7.2 REVISION CONTROL 28

APPENDICES

Appendix 1 Sodium Fluoride Chemical Safety Data Sheet
Appendix 2 Fluoridation Panel HMI Display Explanation
Appendix 3 Fluoridation System Logsheet (prepared by HSC)
Appendix 4 Emergency Response Flowchart
Appendix 5 Benchtop Fluoride Analyser Calibration Steps
Appendix 6 Online Fluoride Analyser Calibration Steps from Prominent Manual
Appendix 7 Siemens As-constructed Functional Description
Appendix 8 Fluoridation Code of Practice Form 2 (Non-operational)
Appendix 9 Fluoridation Code of Practice Form 2 (Quarterly Report)

DRAWINGS

Refer to separate volume of "As-Constructed" Drawing Set.

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HINCHINBROOK SHIRE COUNIL

Water Fluoridation

Halifax, Macknade and Forrest Beach WTPs - Standard Operation Procedure

May 2013
HG Project No. 8010-800955-01
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Approved for Issue	..... Colin Cranfield - Director
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HINCHINBROOK SHIRE COUNIL

Water Fluoridation

Halifax, Macknade and Forrest Beach - Standard Operation Procedure

May 2013
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CONTENTS

		Page
1.0	**INTRODUCTION**	**1**
1.1	DOCUMENT LAYOUT	1
1.2	HEALTH AND SAFETY	2
1.3	RESPONSIBILITIES	3
2.0	**FLUORIDATION SYSTEM DESCRIPTION**	**4**
2.1	SODIUM FLUORIDE	4
2.2	SYSTEM SET-UP	5
2.3	FLUORIDATION PANEL – INDICATOR LIGHTS AND BUTTONS	7
2.4	FLUORIDATION PANEL – HMI DISPLAY	9
2.5	INGHAM DEPOT WTP FLUORIDE DOSING SETUP	9
2.6	INGHAM RIVER PS FLUORIDE DOSING SET-UP	10
2.7	TELEMETRY AND CRITICAL ALARMS	15
3.0	**OPERATING PROCEDURE**	**16**
3.1	DAILY TASK LIST	16
3.2	TWICE WEEKLY ROUTINE	17
3.3	WEEKLY ROUTINE	17
3.4	FORTNIGHTLY ROUTINE	17
3.5	MONTHLY ROUTINE	18
3.6	BIMONTHLY ROUTINE	18
3.7	INFREQUENT MAINTENANCE INSPECTION	18
4.0	**MONITORING PROCEDURE**	**20**
4.1	ONLINE FLUORIDE ANALYSER	20
4.2	DAILY QUALITY SAMPLE COLLECTION	21
4.3	RETICULATION SAMPLE COLLECTION	22
4.4	MONTHLY VERIFICATION SAMPLES	23
4.5	ADDITIONAL SAMPLES	23
4.6	ENTERING TEST RESULTS INTO LOGSHEET	23
5.0	**EMERGENCY RESPONSES**	**24**
5.1	CHEMICAL SPILLAGE	24
5.2	OVERDOSING	25
5.2.1	Online Fluoride Level Exceeds 0.9mg/L	26

Draft
DSDIP Draft Release

RTI Document No. 695

5.2.2 Treated Water Sample Fluoride Level Exceeds 1.5mg/L 27
5.2.3 Treated Water Sample Fluoride Level Exceeds 0.9mg/L 28
5.2.4 Reticulation Sample Fluoride Level Exceeds 0.9mg/L 28
5.2.5 External Fluoride Test Results Exceeding 0.9mg/L 29
5.3 FLUORIDE TEST RESULTS INCONSISTENCY 29
5.4 POWER OUTAGE 30
6.0 RECORD KEEPING AND REPORTING 30
6.1 RECORD KEEPING AND AUDITING 30
6.2 NON-OPERATIONAL REPORT 30
6.3 QUARTERLY REPORT 30
7.0 LIMITATIONS 31
7.1 GENERAL 31
7.2 REVISION CONTROL 31

APPENDICES

Appendix 1 Sodium Fluoride Chemical Safety Data Sheet
Appendix 2 Fluoridation Panel HMI Display Explanation (Awaiting Siemens)
Appendix 3 Fluoridation System Logsheet (prepared by HSC)
Appendix 4 Emergency Response Flowchart
Appendix 5 Benchtop Fluoride Analyser Calibration Steps
Appendix 6 Online Fluoride Analyser Calibration Steps from Prominent Manual
Appendix 7 Siemens As-constructed Functional Description
Appendix 8 Fluoridation Code of Practice Form 2 (Non-operational)
Appendix 9 Fluoridation Code of Practice Form 2 (Quarterly Report)

DRAWINGS

Refer to separate volume of "As-Constructed" Drawing Set.

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www.siemens.com

Sodium Fluoride Dosing System:

Sodium Fluoride Saturator & Dosing Skid System for Hinchinbrook Shire Council

Operation and Maintenance Manual
Ref: 15012-OM-001

SIEMENS

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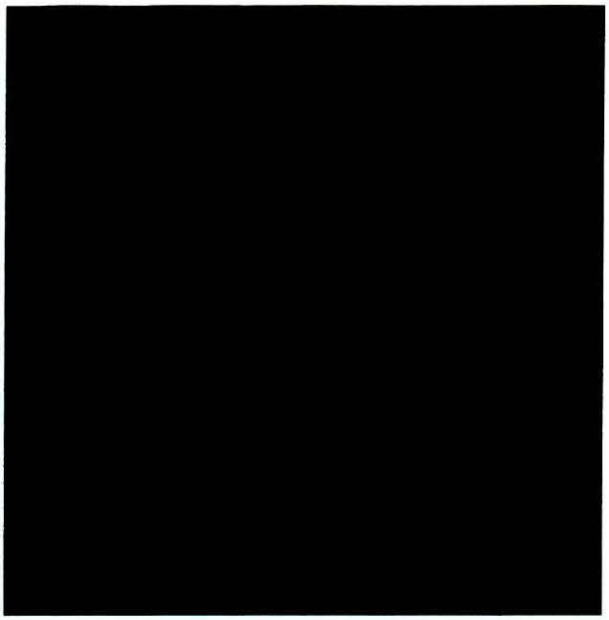
RTI Document No. 697



SIEMENS

Hinchinbrook
Fluoridation Project

Sodium Fluoride Saturator & Dosing Skid System Operation and Maintenance Manual

Revision 0

Supplied to:
Hinchinbrook Shire Council

Congratulations on your selection of this Siemens Water Technologies product. In choosing Siemens Water Technologies, you have selected components and systems that are engineered to give you superior dependability and performance, combining advanced technology, functional design and high quality craftsmanship.

Our commitment to quality is equalled only by our commitment to customer

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Customer Service Contact Information

For customer service, please record your equipment and serial number details and direct your enquiry to:

Siemens Ltd, Water Technologies
ABN 98 004 347 880

160 Herring Road
Macquarie Park
NSW, 2113
Australia

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Operation Manual	0	10th January 2013	Takuma Abe	Edina Aganovic

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Warnings

Use of the supplied equipment must be strictly in accordance with this manual. Users are especially alerted to any safety requirements herein.

Warning

Warnings related to safety hazards are placed in boxes like this.

Hazard

Bio-hazard warnings are placed in boxes like this.

Stop

Very important safety warnings are placed in boxes like this. Serious injury or death, or damage to equipment will occur if this note is not heeded.

Note

Other important information are highlighted in boxes like this.

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RTI Document No. 700

Table of Contents

1.0 INTRODUCTION 1

1.1 PRE-AMBLE 1
1.2 PURPOSE AND LIMITATIONS OF THE MANUAL 1

2.0 CHEMICAL DOSING– PLANT SAFETY 2

2.1 INTRODUCTION 2
2.2 SAFETY HAZARDS 2
2.3 CHEMICALS 2
2.3.1 Safety Showers 3
2.3.2 Safety Precautions 3
2.3.3 Spillage 3
2.4 EQUIPMENT 4
2.5 ELECTRICAL EQUIPMENT 4
2.5.1 Precautions 4
2.5.2 Work on or near Installations 5
2.6 FIRE HAZARDS 5
2.7 SAFETY EQUIPMENT 6
2.7.1 First Aid Material 6
2.7.2 Protective Safety Equipment 6
2.8 HOUSE KEEPING 6

3.0 CHEMICAL PREPARATION & DOSING SYSTEMS 8

3.1 SODIUM FLUORIDE: SPECIFIC DETAILS 8
3.1.1 Dosing process 8
3.1.2 Chemical Supply 8
3.1.3 System Performance 8
3.1.4 Drawings 8

4.0 EQUIPMENT 9

4.1 RPZ & SERVICE WATER MAKE-UP BOARD 9
4.2 VACUUM BAG UNLOADER (INGHAM RIVER AND RIVER DEPOT SITES ONLY) 9
4.3 SATURATOR TANK 9
4.3.1 Ingham River and River Depot Site 9
4.3.2 Halifax, Forrest Beach, & Macknade WWTP 10
4.4 CONTAINMENT TANK (WATER TRAP) INGHAM RIVER AND RIVER DEPOT WWTP 10
4.5 DOSING PANEL 10
4.5.1 Skid Frame 10
4.5.2 Suction Pipework 10
4.5.3 Discharge Pipework 11
4.5.4 Metering Pumps 11
4.5.5 Safety Relief Valve 11
4.5.6 Pulsation Dampener 12
4.5.7 Pressure Indicator and gauge guard 12
4.5.8 Back Pressure Valve 12
4.5.9 Flowmeter 12
4.5.10 Fluoride Analyser 12

5.0 INSTALLATION, TESTING AND COMMISSIONING 13

5.1 GENERAL INSTALLATION 13
5.2 INSTALLATION OF NEW EQUIPMENT 13

DSDP RTI Release

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RTI Document No. 701

5.3 TESTING REQUIREMENTS 14
5.4 CHEMICAL DOSAGE 14
5.5 TESTING AND PRE-COMMISSIONING 16
5.5.1 Dosing Pump Test – Pre-commissioning 16

6.0 OPERATING INSTRUCTIONS 18

6.1 CHECKS BEFORE STARTING 18
6.2 STARTING 18
6.3 CONTINUOUS OPERATION 18
6.3.1 Regular Dosing 18
6.3.2 Calibration drop tests 19
6.3.3 Flushing 19
6.3.4 Duty/Standby change-over 19
6.4 STOPPING 19

7.0 MAINTENANCE 20

7.1 TANK CLEANING 20
7.2 ROUTINE MAINTENANCE 20
7.3 REPAIR AND OVERHAULING 22
7.4 TROUBLESHOOTING 22
7.5 RECOMMENDED SPARES LIST 23

8.0 DRAWINGS AND EQUIPMENT DOCUMENTATION 24

9.0 VENDOR MANUALS, ITP'S AND EQUIPMENT DATA - CONTENTS 26

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RTI Document No. 702

HINCHINBROOK SHIRE COUNCIL

Macknade WTP Fluoridation Facilities

Operations and Maintenance Manual

SWITCHBOARDS
electrical switchboard design, manufacture & installation

p: 07 4035 2411
f: 07 4035 2499
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242 - 244 Hartley Street
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PO Box 5934
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DSDIP - RTI Release

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CONTENTS

Fluoride Plant

1.0 System Description ..... 2 Page

2.0 Equipment Schedules
2.1 Equipment Schedule ..... 2 Pages
2.2 Suppliers ..... 1 Pages

3.0 Equipment Supplied by JM Switchboards
3.1 Circuit Breakers ..... 21 Pages
3.2 Surge Diverter ..... 1 Page
3.3 Contactor, Selector Switches and Emergency Lighting Test Unit ..... 11 Pages
3.4 Power and Light fittings ..... 9 Pages
3.5 Exhaust Fan, Vent & Cover ..... 2 Pages
3.6 Level Floats & Flow Switch ..... 27 Pages
3.7 Distribution Board & Enclosures ..... 4 Pages
3.8 JMS Drawings ..... 4 Pages
3.9 Test Certificates ..... 11 Pages

4.0 Flowmeters ..... 101 Pages

5.0 Security System ..... 63 Pages

6.0 Airconditioners ..... 41 Pages

DSDIP - RTI Release

RTI Document No. 705

HINCHINBROOK SHIRE COUNCIL

Ingham River Fluoridation Facilities

Operations and Maintenance Manual

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CONTENTS

Fluoride Plant

1.0 System Description ..... 2 Page

2.0 Equipment Schedules
2.1 Equipment Schedule ..... 2 Pages
2.2 Suppliers ..... 1 Pages

3.0 Equipment Supplied by JM Switchboards
3.1 Circuit Breakers ..... 21 Pages
3.2 Surge Diverter ..... 1 Page
3.3 Contactor, Selector Switches and Emergency Lighting Test Unit. ..... 11 Pages
3.4 Power and Light fittings ..... 9 Pages
3.5 Exhaust Fan, Vent & Cover ..... 2 Pages
3.6 Level Floats & Flow Switch ..... 27 Pages
3.7 Distribution Board & Enclosures ..... 4 Pages
3.8 JMS Drawings ..... 4 Pages
3.9 Test Certificates ..... 11 Pages

4.0 Flowmeters ..... 101 Pages

5.0 Security System ..... 63 Pages

6.0 Airconditioners ..... 41 Pages

DSDIP - RTI Release

RTI Document No. 708

HINCHINBROOK SHIRE COUNCIL

Ingham Depot Fluoridation Facilities

Operations and Maintenance Manual

DSDIP - RTI Release

SWITCHBOARDS
electrical switchboard design, manufacture & installation

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CONTENTS

Fluoride Plant

1.0 System Description ..... 2 Page

2.0 Equipment Schedules
2.1 Equipment Schedule ..... 2 Pages
2.2 Suppliers ..... 1 Pages

3.0 Equipment Supplied by JM Switchboards
3.1 Circuit Breakers ..... 21 Pages
3.2 Surge Diverter ..... 1 Page
3.3 Contactor, Selector Switches and Emergency Lighting Test Unit ..... 11 Pages
3.4 Power and Light fittings ..... 9 Pages
3.5 Exhaust Fan, Vent & Cover ..... 2 Pages
3.6 Level Floats & Flow Switch ..... 27 Pages
3.7 Distribution Board & Enclosures ..... 4 Pages
3.8 JMS Drawings ..... 4 Pages
3.9 Test Certificates ..... 11 Pages

4.0 Flowmeters ..... 101 Pages

5.0 Security System ..... 63 Pages

6.0 Airconditioners ..... 41 Pages

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HINCHINBROOK SHIRE COUNCIL

Halifax WTP Fluoridation Facilities

Operations and Maintenance Manual

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CONTENTS

Fluoride Plant

1.0 System Description ..... 2 Page

2.0 Equipment Schedules

2.1 Equipment Schedule ..... 2 Pages
2.2 Suppliers ..... 1 Pages

3.0 Equipment Supplied by JM Switchboards

3.1 Circuit Breakers ..... 21 Pages
3.2 Surge Diverter ..... 1 Page
3.3 Contactor, Selector Switches and Emergency Lighting Test Unit ..... 11 Pages
3.4 Power and Light fittings ..... 9 Pages
3.5 Exhaust Fan, Vent & Cover ..... 2 Pages
3.6 Level Floats & Flow Switch ..... 27 Pages
3.7 Distribution Board & Enclosures ..... 4 Pages
3.8 JMS Drawings ..... 4 Pages
3.9 Test Certificates ..... 11 Pages

4.0 Flowmeters ..... 101 Pages

5.0 Security System ..... 63 Pages

6.0 Airconditioners ..... 41 Pages

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HINCHINBROOK SHIRE COUNCIL

Forest Beach WTP Fluoridation Facilities

Operations and Maintenance Manual

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electrical switchboard design, manufacture & installation

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CONTENTS

Fluoride Plant

1.0 System Description ..... 2 Page

2.0 Equipment Schedules

2.1 Equipment Schedule ..... 2 Pages
2.2 Suppliers ..... 1 Pages

3.0 Equipment Supplied by JM Switchboards

3.1 Circuit Breakers ..... 21 Pages
3.2 Surge Diverter ..... 1 Page
3.3 Contactor, Selector Switches and Emergency Lighting Test Unit ..... 11 Pages
3.4 Power and Light fittings ..... 9 Pages
3.5 Exhaust Fan, Vent & Cover ..... 2 Pages
3.6 Level Floats & Flow Switch ..... 27 Pages
3.7 Distribution Board & Enclosures ..... 4 Pages
3.8 JMS Drawings ..... 4 Pages
3.9 Test Certificates ..... 11 Pages

4.0 Flowmeters ..... 101 Pages

5.0 Security System ..... 63 Pages

6.0 Airconditioners ..... 41 Pages

DSDIP - RTI Release

RTI Document No. 717

PAYNTER DIXON
BUILDING YOUR BUSINESS

Ref: HSC0101
Enq: MC
Ph: 0409 620 342

CERTIFICATE OF CONFORMANCE
HINCHINBROOK FLUORIDATION PLANTS

With reference to the above project, we confirm the following:

1. The project has been installed in accordance with the construction documentation and specification, with changes noted in marked drawings and the as-constructed documentation
2. All inspections and tests have been completed in accordance with the submitted Quality Plan and Commissioning Plan
3. The installation complies with all relevant Australian Standards

Sch. 4(4)(6)

Matt Cassidy – Project Manager
For and on behalf of
PAYNTER DIXON QUEENSLAND PTY LTD

DSDIP - RTI Release

RTI Document No. 718

PAYNTER DIXON QUEENSLAND PTY LTD
ABN . 32 060 951 162

PAYNTER DIXON
BUILDING YOUR BUSINESS

CLIENT: Hinchinbrook Shire Council
25 Lannercost Street, Ingham, Q4850

DATE: 08-July-2013

PROJECT: Fluoridation Plants - HSC0101

CLAIM No: 9 - Works completed to 30 June, 2013

DISCIPLINE	Original	Previous % Completed	% Completed	Value Completed
1.1 PRELIMINARIES				
2.1.1.1 Preliminaries	337,690	100%	100%	337,690
2.1.1.2 Supervision and Labour	386,171	100%	100%	386,171
Sub Total Preliminaries:	***723,861***			***723,861***
1.2 INGHAM DEPOT TREATMENT PLANT				
2.1.2.1 - Site Works	10,192	100%	100%	10,192
2.1.2.2 - Earthworks	28,191	100%	100%	28,191
2.1.2.3 - Access Work	16,660	100%	100%	16,660
2.1.2.4 - Restoration	5,593	100%	100%	5,593
2.1.2.5 - Fluoridation Building	148,522	100%	100%	148,522
2.1.2.6 - Pipework	40,165	100%	100%	40,165
2.1.2.7 - Miscellaneous	6,987	100%	100%	6,987
Sub Total Trades - Ingham Depot Treatment Plant:	***256,310***			***256,310***
1.3 INGHAM RIVER PUMP STATION TREATMENT PLANT				
2.1.3.1 - Site Works	10,558	100%	100%	10,558
2.1.3.2 - Earthworks	10,814	100%	100%	10,814
2.1.3.3 - Roadworks	14,526	100%	100%	14,526
2.1.3.4 - Restoration	5,593	100%	100%	5,593
2.1.3.5 - Fluoridation Building	147,236	100%	100%	147,236
2.1.3.6 - Pipework	76,055	100%	100%	76,055
2.1.3.7 - Miscellaneous	25,693	100%	100%	25,693
Sub Total Trades - Ingham River PS Treatment Plant:	***290,475***			***290,475***
1.4 HALIFAX TREATMENT PLANT				
2.1.4.1 - Site Works	11,375	100%	100%	11,375
2.1.4.2 - Earthworks	8,540	100%	100%	8,540
2.1.4.3 - Restoration	5,593	100%	100%	5,593
2.1.4.4 - Fluoridation Building	120,318	100%	100%	120,318
2.1.4.5 - Pipework	21,643	100%	100%	21,643
2.1.4.6 - Miscellaneous	7,089	100%	100%	7,089
Sub Total Trades - Halifax Treatment Plant:	***174,558***			***174,558***
1.5 MACKNADE TREATMENT PLANT				
2.1.5.1 - Site Works	10,192	100%	100%	10,192
2.1.5.2 - Earthworks	8,540	100%	100%	8,540
2.1.5.3 - Restoration	5,593	50%	100%	5,593
2.1.5.4 - Fluoridation Building	120,329	100%	100%	120,329
2.1.5.5 - Pipework	28,957	100%	100%	28,957
2.1.5.6 - Miscellaneous	3,490	100%	100%	3,490
Sub Total Trades - Macknade Treatment Plant:	***177,101***			***177,101***
1.6 FORREST BEACH TREATMENT PLANT				
2.1.6.1 - Site Works	11,763	100%	100%	11,763
2.1.6.2 - Earthworks	11,666	100%	100%	11,666
2.1.6.3 - Restoration	5,593	100%	100%	5,593
2.1.6.4 - Fluoridation Building	156,576	100%	100%	156,576
2.1.6.5 - Pipework	57,120	100%	100%	57,120
2.1.6.6 - Miscellaneous	3,490	100%	100%	3,490
Sub Total Trades - Forrest Beach Treatment Plant:	***246,208***			***246,208***

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PAYNTER DIXON QUEENSLAND PTY LTD
ABN . 32 060 951 182

PAYNTER DIXON
BUILDING YOUR BUSINESS

CLIENT: Hinchinbrook Shire Council
25 Lannercost Street, Ingham, Q4850

DATE: 08-July-2013

PROJECT: Fluoridation Plants - HSC0101

CLAIM No: 9 - Works completed to 30 June, 2013

DISCIPLINE	Original	Previous % Completed	% Completed	Value Completed
1.7 FLUORIDATION SYSTEMS - INGHAM DEPOT & RIVER PS				
2.1.7.1 - Fluoridation System	248,221	100%	100%	248,221
2.1.7.2 - Pipe Connections	4,746	100%	100%	4,746
2.1.7.3 - Commissioning	43,962	85%	100%	43,962
2.1.7.4 - Miscellaneous	15,503	100%	100%	15,503
2.1.7.5 - Credit for Siemens Switchboards	-15,048	100%	100%	-15,048
Sub Total Trades - Fluoridation Systems (25kg):	***297,384***			***297,384***
1.8 FLUORIDATION SYSTEMS - HALIFAX, MACKNADE & FORREST BEACH				
2.1.8.1 - Fluoridation System	404,974	100%	100%	404,974
2.1.8.2 - Pipe Connections	4,746	100%	100%	4,746
2.1.8.3 - Commissioning	57,599	83%	100%	57,599
2.1.8.4 - Miscellaneous	0	100%	100%	-
2.1.8.5 - Credit for Siemens Switchboards	-22,952	100%	100%	-22,952
Sub Total Trades - Fluoridation Systems (5kg):	***444,367***			***444,367***
1.9 ELECTRICAL AND CONTROL SYSTEMS				
2.1.9.1 - Electrical and Control System	263,666	100%	100%	263,666
2.1.9.2 - Commissioning	27,769	60%	100%	27,769
2.1.9.3 - Miscellaneous	37,700	100%	100%	37,700
Sub Total Trades - Fluoridation Systems (25kg):	***329,135***			***329,135***
2.0 VARIATIONS				
V1 - EoT claim	63,094	100%	100%	63,094
V2 - Ingham River building changes	-22,204	100%	100%	-22,204
V3 - Seepage Drainage	3,623	100%	100%	3,623
V4 - Remove trees at Forrest Beach	1,152	100%	100%	1,152
V5 - Reduce pipe runs and Forrest Beach	TBC			
V6 - Move Macknade building location	TBC			
V7 - Asbestos pipe in dosing pit - River PS	21,608	100%	100%	21,608
V8 - Dewatering to Forrest Beach	3,665	100%	100%	3,665
V9 - Relocate vent to waste tank	5,615	100%	100%	5,615
V10 - Sample water discharge dosing head arrangement	9,258	100%	100%	9,258
V11 - Plumbing arrangement for water softeners	16,878	100%	100%	16,878
Sub Total Variations:	***102,689***			***102,689***
TOTAL COSTS OF WORKS COMPLETED TO DATE:	**$3,042,088**		**100%**	**$3,042,088**

LESS PREVIOUS CLAIMS (approved amounts)

Tax Invoice 4427 - Claim 8	$257,922
Tax Invoice 4371 - Claim 7	$556,716
Tax Invoice 4317 - Claim 6	$697,934
Tax Invoice 4270 - Claim 5	$523,810
Tax Invoice 4213 - Claim 4	$232,236
Tax Invoice 4169 - Claim 3	$297,888
Tax Invoice 4124 - Claim 2	$156,899
Tax Invoice 4102 - Claim 1	$287,971
Total Invoiced To Date:	$3,011,376

TOTAL THIS CLAIM EXCL. GST	**$30,712.02**

This Claim has been prepared and made in accordance with the 'Building and Construction Industry Payments Act 2004'.

Agreed Contract Payment Conditions

28 days in accordance with Clause 42.1 of the Contract

CON-DOC-001-01-01

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20/02/2013

			23.9%	23.0%	18.0%	18.5%	16.6%	
			Depot WTP	Ing Water PS	Halifax WTP	MKD WTP	Forrest Beach	
CX.02103	**Fluoridisation Concept Design Report**							
	Professional Fees	$ 21,423.56	$ 5,120.23	$ 4,927.42	$ 3,856.24	$ 3,963.36	$ 3,556.31	$ 21,423.56
CX.02159	**Fluoridisation - Site Survey Work**	$ 16,150.00						
	Contractors (not machinery)	$ 15,625.00	$ 3,734.38	$ 3,593.75	$ 2,812.50	$ 2,890.63	$ 2,593.75	$ 15,625.00
	Hire of Vacuum Excavation Equipment	$ 525.00	$ 125.48	$ 120.75	$ 94.50	$ 97.13	$ 87.15	$ 525.00
CX.02160	**Fluoridisation - Geotechnical Work**	$ 19,856.15						
	Contractors (not machinery)	$ 19,031.15	$ 4,548.44	$ 4,377.16	$ 3,425.61	$ 3,520.76	$ 3,159.17	$ 19,031.15
	Hire of Vacuum Excavation Equipment	$ 825.00	$ 197.18	$ 189.75	$ 148.50	$ 152.63	$ 136.95	$ 825.00
CX.02770	**Fluoridisation Survey**	$ 6,876.57						
	Professional Fees	$ 6,876.57	$ 1,643.50	$ 1,581.61	$ 1,237.78	$ 1,272.17	$ 1,141.51	$ 6,876.57
CX.02852	**Fluoridisation - Telemetry Setup**	$ 2,343.00						
	Professional Fees	$ 2,343.00	$ 559.98	$ 538.89	$ 421.74	$ 433.46	$ 388.94	$ 2,343.00
CX.02158	**Fluoridisation Detailed Engineering Design**	$ 241,016.95						
	Professional Fees	$ 241,016.95	$ 57,603.05	$ 55,433.90	$ 43,383.05	$ 44,588.14	$ 40,008.81	$ 241,016.95
CX.03101	**Fluoridisation - PPE Setup**	$ 6,057.45						
	Materials and Equipments	$ 6,057.45	$ 1,447.73	$ 1,393.21	$ 1,090.34	$ 1,120.63	$ 1,005.54	$ 6,057.45
CX.03102	**Fluoridisation - Training**	$ 20,901.49						
	Training	$ 20,901.49	$ 4,995.46	$ 4,807.34	$ 3,762.27	$ 3,866.78	$ 3,469.65	$ 20,901.49
CX.02937	**Fluoridisation - Request for Information**	$ 2,780.30						
	Information	$ 2,780.30	$ 664.49	$ 639.47	$ 500.45	$ 514.36	$ 461.53	$ 2,780.30
CX.03104	**Fluoridisation - Commisioning**	$ 27,819.64						
	Commisioning	$ 27,819.64	$ 6,648.89	$ 6,398.52	$ 5,007.54	$ 5,146.63	$ 4,618.06	$ 27,819.64
CX.02905	**Fluoride-Buildings & Equipment InghamWPS**	$ 717,837.66						
	Internal Applicatin	$ 566.00		$ 566.00				$ 566.00
	Contractors (not machinery)	$ 717,271.66		$ 717,271.66				$ 717,271.66
CX.02906	**Fluoride-Buildings & Equipment Depot WTP**	$ 696,194.56						
	Internal Applicatin	$ 566.00	$ 566.00					$ 566.00
	Contractors (not machinery)	$ 695,628.56	$695,628.56					$ 695,628.56
CX.02907	**Fluoride-Buildings&Equipment HalifaxWTP**	$ 545,020.79						
	Internal Applicatin	$ 566.00			$ 566.00			$ 566.00
	Contractors (not machinery)	$ 544,454.79			$ 544,454.79			$ 544,454.79
CX.02908	**Fluoride-Buildings&Equipment MacknadeWTP**	$ 558,546.30						
	Internal Applicatin	$ 566.00				$ 566.00		$ 566.00
	Contractors (not machinery)	$ 555,089.90				$555,089.90		$ 555,089.90
	Electrical Contractor	$ 2,890.40				$ 2,890.40		$ 2,890.40
CX.02909	**Fluoride-Buildings&Equipment F/BeachWTP**	$ 610,545.52						
	Internal Applicatin	$ 566.00					$ 566.00	$ 566.00
	Contractors (not machinery)	$ 609,979.52					$ 609,979.52	$ 609,979.52
			Depot WTP	Ing Water PS	Halifax WTP	MKD WTP	Forrest Beach	
		$ 3,493,369.94	$783,483.36	$ 801,839.44	$ 610,761.31	$626,112.95	$ 671,172.89	$ 3,493,369.94

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RTI Document No. 721

Queensland Government

HINCHINBROOK SHIRE COUNCIL
11 FEB 2014
RECEIVED

Forensic and Scientific Services
HSSA | Health Services Support Agency

CERTIFICATE OF ANALYSIS

CLIENT : (HEHTN)
Environmental Health - Townsville
Townsville Public Health Unit
242 Walker Street
TOWNSVILLE QLD 4810

ATTN: N. Fredericks

Laboratory Reference : SSP0038699
Client Order No. : FREDERICKS_N
Date Received : 13-Jan-2014
Laboratory Number : 14NA225
Batch No : 616-38

Client Reference : HIN910
Date Sampled : 09-Jan-2014
Sample Point : HiLift @ River SP25 pH 6.66, Cl2 1.1 F 0.48
Sample Source : River
Owner : N. Fredericks

Submitting Authority : Hinchinbrook Shire Council
Reason for Analysis : Compliance
Water Treatment : Chlorinated

Method		Units	Result	Guidelines ** Health	Guidelines ** Aesthetic
18320	Conductivity @ 25°C	µs/cm	116		
18226	pH	at 23°C	6.90		6.5 - 8.5
18209	Total Hardness*	mg $CaCO_3$/L	22		200
18209	Temporary Hardness*	mg $CaCO_3$/L	22		
18208	Alkalinity*	mg $CaCO_3$/L	32		
18209	Residual Alkalinity*	meq/L	0.2		
18195	Silica	mg/L	30		80
18209	Total Dissolved Ions*	mg/L	76		
18209	Total Dissolved Solids*	mg/L	86		600
18206	True Colour	Hazen	1		15
18212	Turbidity	NTU	1		5
18209	pH Sat.* (calc. for $CaCO_3$)		9.2		
18209	Saturation Index*		-2.3		
18209	Mole Ratio*		3.1		
18209	Sodium Absorpt. Ratio*		1.2		
18209	Figure of Merit Ratio*		0.8		

Method		Units	Result	Guidelines ** Health	Guidelines ** Aesthetic
	CATIONS				
18195	Sodium	mg/L	13		180
18195	Potassium	mg/L	1.8		
18195	Calcium	mg/L	4.7		
18195	Magnesium	mg/L	2.6		
18209	Hydrogen*	mg/L	0.0		
	ANIONS				
18209	Bicarbonate*	mg/L	39		
18209	Carbonate*	mg/L	0.0		
18209	Hydroxide*	mg/L	0.0		
18204	Chloride	mg/L	12		250
18204	Fluoride	mg/L	0.47	1.5	
18204	Nitrate	mg/L	1.0	50	
18204	Sulphate	mg/L	1.8	500	250
	OTHER DISSOLVED ELEMENTS				
18195	Iron	mg/L	<0.01		0.3
18195	Manganese	mg/L	<0.01	0.5	0.1
18195	Zinc	mg/L	0.02		3
18195	Aluminium	mg/L	<0.05		0.2
18195	Boron	mg/L	0.02	4	
18195	Copper	mg/L	<0.03	2	1

Notes: * parameter is derived from calculation
** Australian Drinking Water Guidelines 2011 (ADWG) Health and Aesthetic Values
'-' not determined

Lab use Only: TE 247.00 TC 1.05 TA 1.05 Imb 0.00 A I/C 0.48

Please note that the concentration of total elements present may be higher than that of dissolved elements stated in this report.
The water complies with Australian Drinking Water Guidelines 2011 for the parameters tested.

Sch. 4(4)(6)

Tatiana Komarova
Chemist, Inorganic Chemistry
20-Jan-2014

NATA Accredited Laboratory 41 Accredited for compliance with ISO/IEC 17025.
14NA225

This report overrides all previous reports. The results relate solely to the sample/s as received and are limited to the specific tests undertaken as listed on the report. The results on this report are confidential and are not to be used or disclosed to any other person or used for any other purpose, whether directly or indirectly, unless that use is disclosed or the purpose is expressly authorised in writing by Queensland Health and the named recipient on this report. To the fullest extent permitted by law, Queensland Health will not be liable for any loss or claim (including legal costs calculated on an indemnity basis which arise because of (a) problems related to the merchantability, fitness or quality of the sample/s, or (b) any negligent or unlawful act or omissions by Queensland Health that is connected with any activities or services provided by Queensland Health under this agreement (including the timing and/or method under which the sample/s were taken, stored or transported).

Enquiries Tatiana Komarova
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RTI Document No. 722

Final Subsidy Post-Commissioning Checklist

IPMG Infrastructure Project Management Group

SCHEME INFORMATION	
Name of Public Potable Water Supplier	HINCHINBROOK SHIRE COUNCIL
Name of Scheme	INGHAM RIVER PS

COMMISSIONING	Included
A commissioning plan was prepared that included the following:	
Treatment plant operational requirements *e.g. Minimum, high flow or low flow limitations that may be required*	✓
Resources required *Including treatment plant operator attendance, Key vendor representation*	✓
Training	✓
Risk assessment and contingency plans	✓
Operational Health and Safety Considerations	✓
Public interest consideration *e.g. Noise, visuals*	✓
Community communication (Separately with Eng & HSC)	✓
Quality Assurance Program compliance	✓
Environmental impacts	✓
Acceptance testing requirements and acceptance criteria for the various components	✓
Details on how any variation in raw water fluoride levels during the commissioning process will be managed	✓
The commissioning activity included the following:	
Inspection and performance tests of all structures *Under actual operating conditions*	✓
Inspection and performance tests of all pipelines *Under actual operating conditions*	✓
Inspection and performance tests of all equipment, systems and processes *Under actual operating conditions in manual and automatic modes*	✓
Dry and wet testing	✓
Calibration of metering pumps and feeders	✓
Calibration of all instruments	✓
Testing and commissioning of electric, instrumentation and control systems	✓
Testing and commissioning of alarm annunciators, set points and other control systems	✓
Activation of alarms by inducing actual fault conditions *Including tests of the common failure modes for under-dosing and over-dosing*	✓

Note: Italicised text is provided only as guidance

RTI Document No. 723

	Ticked
[illegible]	✓
[illegible]	
[illegible]	✓
[illegible]	✓
[illegible]	✓
[illegible]	✓

CERTIFICATION

I/We certify that:

- Commissioning has included all of the items in this completed checklist
- The scope and detail of commissioning is sufficient to meet normally accepted requirements for the commissioning of similar facilities.

Name	COLIN CRANFIELD	Certification by person responsible for water supply services e.g. Water Supply & Sewerage Engineer
Title	TECHNICAL DIRECTOR	
RPEQ Number	3784040	
Signature	Sch. 4(4)(6)	
Date	05/03/2014	
Name	PAUL CURTIS	Certification by Fluoridation Equipment Supplier
Title	ORDER EXECUTION MANAGER EVOQUA LTD	
Signature	Sch. 4(4)(6)	
Date	05/03/2014	

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RTI Document No. 724

Water Fluoridation Code of Practice
Compliance Statement

IPMG Infrastructure Project Management Group

SCHEME

Name of Public Potable Water Supplier	HINCHINBROOK SHIRE COUNCIL

CERTIFICATION

I/We certify that:

- The design for the fluoridation facility meets the design requirements for the Water Fluoridation Code of Practice, including reasonable allowance for scenarios likely to be encountered during the lifetime of the facility;
- The facility has been constructed in accordance with the design to meet the requirements of the Water Fluoridation Code of Practice;
- The scope and extent of commissioning was sufficient to prove compliance with the Water Fluoridation Code of Practice, including reasonable allowance for scenarios likely to be encountered during the lifetime of the facility;
- Staff have received adequate training to ensure ongoing adequate operation and maintenance of the fluoridation facility in accordance with the Water Fluoridation Code of Practice;
- A monitoring programme has been established in accordance with the requirements of the Water Fluoridation Code of Practice, and the monitoring program demonstrates compliance with the performance requirements of the Water Fluoridation Code of Practice;
- Documentation and contingency plans have been established in accordance with requirements of the Water Fluoridation Code of Practice;
- Overall, the facility meets all the requirements of the Water Fluoridation Code of Practice, and it is reasonable to expect that it will continue to do so in the future.

Certification by person responsible for water supply services e.g. Water Supply & Sewerage Engineer

Name	COLIN CRANFIELD
Title	TECHNICAL DIRECTOR
RPEQ Number	3784040
Signature	Sch. 4(4)(6)
Date	05/03/2014

Name	PAUL CURTIS
Title	ORDER EXECUTION MANAGER GVQUA LTD.
Signature	Sch. 4(4)(6)
Date	5/3/2014

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RTI Document No. 725

Hinchinbrook Fluoridation – Close out Report

Lessons Learnt

Looking at the Hinchinbrook Fluoridation Project in overview, Council can note some items that may assist the Department for future implementations. A list of these is given below:

- Hinchinbrook Shire Council has 5 water treatment plants, all of which now have fluoridation. There are a total of 3 water schemes in the Shire. The Fluoridation Funding was set up with 5 separate agreements for each Fluoridation Plant. It would have been preferred if these agreements were rolled into one.

- The delay in payment and ongoing request for documentation placed strain on Council and created a shortfall in Council's cash flow. It would have been helpful if required documentation, e.g. Statutory Declarations, was requested at the beginning of the project and Council could have gathered these from companies after invoices were processed.

- It may have been of advantage for the Shire to have the broad technical specifications determined by a Technical Specification Committee appointed by the State Department Proposing the implementation of a process. These Specifications could then be set up to suit a range of scheme sizes. There would have been a significant cost saving to Local Government and the State Government if there was say six (6) standard treatments to suit various size schemes that could be applied according to the number of connections. These standardised solutions could then be modified according to local conditions but would not need Technical review or detailed first principals design. A further advantage may be that the limited number of equipment suppliers could be contacted prior to projects commencing to collaborate on specifications and arrange Standing Offer pricing.

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