



## COFFS HARBOUR CITY COUNCIL



### ORDINARY MEETING

#### COUNCIL CHAMBERS COUNCIL ADMINISTRATION BUILDING COFF AND CASTLE STREETS, COFFS HARBOUR

26 FEBRUARY 2009

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<b>CONFIDENTIAL ITEM</b>		
The following item either in whole or in part may be considered in Closed Meeting for the reasons stated:		
A portion of this report is confidential for the reason of Section 10A (2):		
(d) commercial information of a confidential nature that would, if disclosed:		
(i) prejudice the commercial position of the person who supplied it, or		
(ii) confer a commercial advantage on a competitor of the council, or		
(iii) reveal a trade secret.		
and in accordance with Section 10A (1) the meeting may be closed to the public.		
S8	TENDER: PLANT REPLACEMENT PROGRAM - SUPPLY OF SIX BACKHOE LOADERS ERG CLASS BL4, CONTRACT 08/09-383-QO	29



## COFFS HARBOUR CITY COUNCIL

### ORDINARY MEETING

26 FEBRUARY 2009

Mayor and Councillors

#### CITY SERVICES DEPARTMENT REPORTS

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#### S5 COASTAL ESTUARY MANAGEMENT ADVISORY COMMITTEE

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##### **Purpose:**

To report minutes of the Coastal Estuary Management Advisory Committee Meeting held on 9 December 2008.

##### **Description of Item:**

All items were of a routine nature except for the following items:

5. Draft Hearnes Lake Estuary Management Plan  
*CEMAC2 that a report be put to Council recommending the public exhibition of the draft Hearnes Lake Estuary Management Study and Plan.*

A detailed report will be prepared for Council with details of the recommended strategies plus triple bottom line assessment.

6. General Business  
*CEMAC3 that the committee support Council in establishing a Memorial for Dee Wallace acknowledging her work in the community for the environment*

##### **Recommendation:**

**That Council note the minutes of the Coastal Estuary Management Advisory Committee held 9 December 2008.**

**Attachments:**

**COFFS HARBOUR CITY COUNCIL  
COASTAL ESTUARY MANAGEMENT ADVISORY COMMITTEE  
THURSDAY, 9 DECEMBER 2008**

The meeting of the Coastal Estuary Management Advisory Committee (CEMAC) held at the Council Administration Building commenced at 3:30pm.

**Present:** Councillor John Arkan, Coffs Harbour City Council (Chairperson)  
Councillor Paul Templeton, Coffs Harbour City Council  
David Greenhalgh, Marine Parks Authority  
Peter Smith, Community Representative  
Dr Charles Phipps, Community Representative  
Mr Robert Kasmarik, Department of Natural Resources  
Dr Richard Faulkner, National Marine Science Centre  
Martin Rose, Coffs Harbour City Council  
Daniel Rodger, Coffs Harbour City Council  
Ben Luffman, GHD  
Dave Thornburg, GHD

**Apologies:** Cr Mark Graham - Coffs Harbour City Council  
Jason Gordon, Coffs Harbour City Council  
George Stulle, Coffs Harbour City Council  
Clyde Treadwell, Coffs Harbour City Council  
Cherrelle Brooke, Coffs Harbour City Council  
Craig Stehn, Community Representative

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**1. CONFIRMATION OF MINUTES**

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**CEMAC1** **RESOLVED** (Charles Phipps/Martin Rose) that the minutes of the Coastal Estuary Management Advisory Committee meeting of 3 July 2008, be confirmed.

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**2. INTRODUCTIONS AND UPDATES ON COASTAL & ESTUARY PROGRAM**

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Due to the change of Council and new Councillor representatives on the Committee, members introduced themselves stating their names and who they represented.

Daniel Rodger then gave an update on the Coastal and Estuary program with a brief description of current projects and status.

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### **3. BUSINESS ARISING**

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Daniel Rodger updated the Committee on the status of issues raised at the last meeting, as per the information provided attached to the meeting agenda.

David Greenhalgh also informed the Committee that there was concern about consultation in the Pipeclay EMP with local Aboriginal groups concerned about not enough consultation being involved in all phases of the project.

Council staff advised they would review the consultation with the Aboriginal community and assure they had input at all relevant stages of the plans development.

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### **4. INCEPTION MEETING - BOAMBEE-NEWPORT CREEK ESTUARY MANAGEMENT PLAN**

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Ben Luffman and David Thornbury from GHD, the consultants preparing the plan, were present at the meeting. Ben gave the Committee an overview of the process GHD would be taking to prepare the plan. GHD's schedule to have the Processes Study ready by May 2009, Estuary Management Study by August 2009 and Plan by September 2009.

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### **5. DRAFT HEARNES LAKE ESTAUARY MANAGEMENT PLAN**

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The draft plan has 29 strategies and Daniel Rodger took the committee quickly through each strategy.

There was discussion over how often the Lake is opened / closed questioning the statement in the study that it is closed approximately 70% of the time. It was decided to remove the 70% closed reference for the study.

David Greenhalgh also questioned the height of the vertical buffer. Council has adopted a sea level rise figure of 0.9m for 100 years and as such, would this impact on the vertical buffer height. Council will put this to WBM to determine if the buffer height needs adjusting.

Discussion was had on the action of retaining a Fishing Cottage as a piece of European Heritage and the possible conflict or issues that this could raise with the strategies such as land dedication to Regional Park providing buffers or land use. Issues to be reviewed by Council.

**CEMAC2** **RESOLVED** (Peter Smith / David Greenhalgh) that a report be put to Council recommending the public exhibition of the draft Hearnese Lake Estuary Management Study and Plan.

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## 6. GENERAL BUSINESS

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Unfortunately Committee member Dee Wallace recently passed away. Peter Smith suggested that Dee be remembered in some way. The Committee was informed that Council resolved to investigate having some Memorial for Dee acknowledging the work and effort she put in for the environment and community.

**CEMAC3** **RESOLVED** that the committee support Council in establishing a Memorial for Dee Wallace acknowledging her work in the community for the environment.

Robert Kasmarik raised the issue having an SES representative on the Committee. Coastal Zone management plans deal with emergency management of coastal hazards and the SES's input and concurrence of these plans are required thus the need for their representative on the Committee.

Discussion was also had in having an Aboriginal Representative on the Committee. It was suggested that Darren Murray might be an option. Darren works for the CMA as their coastal representative but was previously the Indigenous Officer. Council will investigate the option for an aboriginal representative on the Committee.

Discussion was had on the length of meeting with concerns raised that the meetings are rushed trying to get a lot of information and decisions into the time allocated. The Committee were happy to start earlier, 3.00pm, and have longer, 2 hour, meetings.

The meeting closed at 5.15pm.

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## S6 DRAFT HEARNES LAKE ESTUARY MANAGEMENT STUDY AND PLAN

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### **Purpose:**

The purpose of this report is to have the Draft 'Hearnes Lake Estuary Management Study and Plan' approved by Council for public exhibition.

### **Description of Item:**

BMT WBM (formerly WBM Oceanics Australia) was contracted in December 2004 to complete an Estuary Process Study, Estuary Management Study and Estuary Management Plan for Hearnes Lake. Appendix 1 shows the study area.

The draft 'Hearnes Lake Estuary Management Study & Plan' (HLEMS&P) was completed in June 2008, and reviewed internally in December 2008 following comments from the Coastal and Estuary Management Advisory Committee (CEMAC). The CEMAC recommended the revised draft HLEMS&P be put to Council for approval for public exhibition on 9<sup>th</sup> December 2008.

The Draft HLEMS&P outlines 29 prioritised strategies, listed below. The strategies have been prioritised through a combination of their importance and implementation timeframe.

### Rank Strategy Description

1. Buffer around lake from future development
2. Community-based volunteer group
3. Remove cattle from lake margins
4. Connect caravan park to reticulated sewerage
5. Rural education program
6. Review and rationalise the current recreational uses of the estuary
7. Prevent artificial opening of lake entrance
8. Audit on-site sewage systems
9. Promote eco-friendly development
10. Amend SEPP-14 to include Hearnes Lake
11. Remove environmental weeds and pests
12. Appropriate vegetation management
13. Highway upgrade considerations
14. Effluent reuse farm expansion considerations
15. Raise awareness of SIMP / Hearnes Lake values
16. Revegetation of foreshores and in catchment
17. Appropriate sewerage system management
18. Manage stormwater from existing and future development through adopting WSUD principles
19. Water quality monitoring
20. Raise awareness regarding risks to users
21. Acquire and preserve foreshore land
22. Incorporate foreshore and coastal buffers into CCRP
23. Rehabilitate former timber mill and other lands

**Cont'd**

24. Re-map aquatic vegetation
25. Monitoring of biological indicators
26. Additional amenities and contributions
27. Conservation of private vegetation
28. Raise awareness of cultural values
29. Fishing cottage at lake entrance

**Sustainability Assessment:**

- **Environment**

The primary goal of the HLEMS&P is to encourage the integrated, balanced, responsible and ecologically sustainable use of the Hearnese Lake catchment. This is reflected in the management strategies developed in consultation with regulatory authorities, stakeholders and the community, in relation to the future nature conservation, rehabilitation and development of the estuary.

All the recommended measures have been discussed with various departments of Council and are consistent with Council's planning, environmental plans and controls. The draft Plan has been developed in consultation with the Coastal and Estuary Management Advisory Committee (CEMAC) and is seen to be a positive step towards management of the Hearnese Lake catchment. The Plan has a number of recommended measures that vary from capital works to planning controls and public awareness programs.

Specific environmental issues targeted through strategies outlined in this document include:

- Improvements to water quality;
- Prevention of bank erosion and sedimentation;
- Improvements to the ecology of the locality;
- Restrictions on future catchment development which adversely affects the environment;
- Redefinition of estuarine and catchment usage; and
- Identification and protection of items or locations with cultural or heritage values.

Additionally strategies are aligned to specific targets set by the Northern Rivers Catchment Management Authority, increasing the potential for future funding. Aligned strategies include:

- Revegetation works in creek buffers in the catchment;
- Regeneration of degraded areas along the foreshore;
- Support for increased water quality monitoring programs;
- Encouragement of vegetation conservation agreements etc.

**Cont'd**

- **Social**

The development of the draft Management Plan included investigations into numerous social considerations, covering:

- The essential features of the estuary including economic, social and aesthetic values;
- Current uses and activities, including land tenure, control and conflicts of use;
- Remedial goals of restoration of economic quality;
- Acceptable commercial & public development, works & activities; and
- Management objectives: identification, assessment and impacts of implementation.

As a result strategies have integrated various values of the estuary including:

- Ecological;
- Scenic;
- Aboriginal;
- Recreational;
- Socio-economic; and
- Educational values.

Of particular social importance is Strategy 6, "Review and rationalise the current recreational uses of the estuary". This is aimed at reducing the conflict between users of the Hearnese Lake area, including social walkers, dog walkers, 4WD enthusiasts and their impact on the estuary and surrounding environment.

Additionally Strategies 15 and 28, "Raise awareness of SIMP / Hearnese Lake values", and "Raise awareness of cultural values" are important to the social aspects of the catchment. These are aimed at educating the community and general public as to the cultural values and issues affecting the lake.

Strategies outlined in the draft HLEMS&P have been developed to protect the social amenity of the catchment and to ensure future land uses are consistent with the principles of Ecologically Sustainable Development (ESD). These include:

(Strategy number)

- (3) Remove cattle from lake margins
- (7) Prevent artificial opening of lake entrance
- (9) Promote eco-friendly development
- (18) Manage stormwater from existing and future development through adopting WSUD principles
- (21) Acquire and preserve foreshore land
- (22) Incorporate foreshore and coastal buffers into CCRP
- (26) Additional amenities and contributions
- (27) Conservation of private vegetation

Cont'd



- **Economic**

### **Broader Economic Implications**

The draft Estuary Management Study and Plan assesses the impacts of development on the environment in terms of ESD. Objectives within the Plan allow development in particular areas with constraints aimed at protecting the scenic, social and environmental features of the locality while allowing development, investment and growth in the area.

Furthermore there are a number of facilities of local economic interest residing in the Hearnese Lake vicinity, which indirectly rely on the splendor of Hearnese Lake. These include a caravan park and tourism in the Woolgoolga area. The Coffs Harbour LGA itself could be seen to be linked to the relative beauty of our coastline, where degraded beach amenity could lead to reduced tourism.

The HLEMS&P, through its recommended strategies, looks to preserve the local and citywide economic values currently experienced through our Council's Vision: Coffs Harbour - the Healthy City, the Smart City, the Cultural City for a Sustainable Future. Without protecting our natural assets in a sustainable nature, ie. through the principles of ESD, the Coffs Harbour image of a pristine coastline could fade, allowing a more degraded image to take hold. By not properly protecting our natural assets (and thereby image), Coffs Harbour may be affected by broader economic implications.

### **Management Plan Implications**

Council is the lead agency in a number of the management strategies recommended within the draft HLEMS&P. These strategies have been ranked due to priority and recommended timeframe and have been given an implementation schedule spanning immediate, short and medium term timeframes. These relate to recommended implementation periods of 12-18 months, 1-3 years and 3-5 years respectively. These timeframes are recommended as the best periods to protect/rehabilitate the Hearnese Lake catchment, however strategies will only be implemented when resources and funding becomes available.

After the formal adoption by Council, opportunities to gain funding for implementation of the strategies will be made available through organisations such as Department of Environment and Climate Change (DECC) and the Northern Rivers Catchment Management Authority (NRCMA). These funding opportunities are not available without a formal management plan such as the HLEMS&P.

Strategies will be reviewed annually by Council staff and opportunities to obtain funding and utilise resources to implement strategies will be explored.

### **Consultation:**

The Draft HLEMS&P has had considerable input from the community throughout its preparation.

Letters to residents were sent out in April 2005, and a community survey was completed in May 2005. The results of which were analysed and used in the Draft HLEMS&P.

**Cont'd**

## **S6 - Draft Hearnese Lake Estuary Management Study and Plan (Cont'd)**

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Council staff from Planning, Environmental, Recreational Services and Engineering branches have had specific input into the preparation of the Plan.

Community consultation is an important part of any Management Plan. If adopted by Council the draft HLEMS&P will be put on public exhibition for four weeks. The draft Plan will be displayed by hard copy at the Council Administration Building and electronically on Council's webpage, plus a notification of the public exhibition will be placed in local media.

This will provide all interested or affected parties with the opportunity to:

- Assess what is proposed for the estuary, the means and implications of proposed controls, etc; and
- Register any objections or suggestions to Council.

Council staff and the CEMAC will take these comments into account when finalising the Estuary Management Plan. The completed Estuary Management Plan will then be put to Council for adoption.

### **Related Policy and / or Precedents:**

- **Hearnese Lake/Sandy Beach DCP**

The Hearnese Lake/Sandy Beach DCP (HL/SB DCP) applies to land from Hearnese Lake to Sandy Beach under the Coffs Harbour City Council LEP 2000. The controls set in the HL/SB DCP seek to achieve economic, social and environmental sustainability.

The DCP ensures that development takes into consideration environmental constraints, and outlines environmental buffers for water quality protection, areas of riparian vegetation for protection and outlines water quality targets as determined by the Urban Stormwater Management Plan. It outlines exclusion zones for development around environmentally sensitive areas and for the protection of high and very high value vegetation.

The DCP has innovative strategies derived from the draft HLEMS&P, such as vertical buffers, which have won Coffs Harbour City Council an award from the NSW Coastal Conference 2008. Buffers around the lake are extended 50 metres horizontally from a 3.5m vertical buffer, which will also accommodate future sea level rise uncertainties. The controls and restrictions in the HL/SB DCP are strengthened by the Hearnese Lake EMP.

- **Draft LEP Amendment 29**

During preparation of the Hearnese Lake/Sandy Beach DCP Coffs Harbour City Council concluded that the 2E (Tourist residential) zoning surrounding Hearnese Lake under the 2000 LEP was no longer suitable for this land. Consequently, Council has made a draft amendment to the LEP to change land use zonings around Hearnese Lake. Changes include additional buffers around the lake and larger environmental protection areas. This draft LEP amendment is currently with the Department of Planning awaiting gazettal. The draft Hearnese Lake Estuary Management Plan complements the draft LEP amendment 29.

**Cont'd**

- **Koala Plan of Management**

The Koala Plan of Management (KPoM) was prepared by the NSW National Parks and Wildlife Service (now DECC-NPWS) in close consultation with Coffs Harbour City Council (CHCC). The KPoM provides a consistent approach to koala management and planning throughout the City of Coffs Harbour. Koala habitat has been defined and mapped in the KPoM with specific management and planning guidelines established. The KPoM defines development restrictions similar to that of the Hearnes Lake EMP, with the HLEMS&P however covering a greater amount of environmental issues.

- **Site specific vegetation reports, Draft Vegetation Strategy 2003 and future updated Vegetation Strategies**

Various vegetation management strategies were supplied to BMT WBM as background information for the preparation of the HLEMS&P. These included the above mentioned KPoM, the Vegetation of the Coffs Harbour Local Government Area (Fisher Report), Draft Vegetation Strategy 2003, Draft Vegetation Conservation DCP etc. While the HLEMS&P is not a vegetation strategy, data from these strategies may have been used as supplementary information for the Management Plan. Vegetation information was ground truthed during field trips to the Hearnes Lake study area to ensure accuracy and legitimacy. The HLEMS&P supplements future vegetation plans by providing areas recommended for revegetation or protection.

### **Statutory Requirements:**

There is a requirement under the Coastal Protection Act 1979 No 13, Part 4A Coastal zone management plans, Division 1 General, *55B Requirements for coastal zone management plans* for Councils to prepare coastal zone management plans. Coastal zone management plans include Estuary management plans such as the Hearnes Lake Estuary Management Plan.

Additionally the HLEMS&P has been prepared under the NSW Government's Estuary Management Program. The Program is designed to fulfill the requirements of the NSW Estuary Management Policy (1992) and the NSW Coastal Policy (1997). It also helps to satisfy the Northern Rivers Catchment Management Authorities (NRCMA) management target C2 – *complete management plans for all estuaries (65% by 2009); and implement identified priority actions that contribute to the improved natural resource condition.*

### **Issues:**

The draft HLEMS&P supports Council's HL/SB DCP in promoting Ecologically Sustainable Development (ESD) in the Hearnes Lake area. Environmental, social and economic issues have been considered in developing the recommended actions as well as local, regional, State and Federal legislation and guidelines. The draft HLEMS&P protects the aesthetic and environmental values of the Hearnes Lake estuary while allowing development and growth of the region. While the Estuary Management Plan takes into consideration current local, regional, State and Federal legislation and guidelines, strategies within the draft Plan can either strengthen or recommend changes to current planning requirements, depending on the most recent research and information available. Potential issues can arise where strategies recommend changes to current planning policies, such as in the following:

**Cont'd**

**Strategy 1: Buffer around Lake from Future Development**

In some areas the HLEMS&P surpasses current LEP 2000 in terms of protection for the environmental, social and economic values of the region. This occurs in Strategy 1: Buffer around Lake from Future Development, which outlines a buffer area around Hearnese Lake which should be precluded from development. The buffer has been a feature in draft LEP Amendment No. 29, which is currently with the Department of Planning for consideration and approval.

While not yet included in LEP 2000, the buffer has been incorporated into the HL/SB DCP, which shows a 50 metre buffer around a vertical height of 3.5m Australian Height Datum. The inclusion of this buffer in the DCP has won the Coffs Harbour City Council an Innovative Award from the NSW Coastal Conference 2008.

**Strategy 3: Remove cattle from lake margins**

The draft HLEMS&P identifies the potential for degradation to the riparian vegetation around Hearnese Lake as a result of cattle grazing in the lake margins on private property. The Plan calls for the exclusion of cattle from the lake fringe areas, in areas classed as Endangered Ecological Communities. This would require fencing along both public and private property. The private property concerned has a Major Project application with the Department of Planning (DoP).

Methods to achieve this strategy include rezoning Hearnese Lake with a State Environment Planning Policy (SEPP) 14 classification (Coastal Wetland) to provide more stringent environmental controls. A SEPP 14 zoning would ensure the coastal wetland is preserved and protected in the environmental and economic interests of the State. This rezoning is incorporated under Strategy 10 of the draft HLEMS&P.

**Strategy 6: Review and rationalise the current recreational uses of the estuary**

The draft HLEMS&P identifies the conflict caused by the multi recreational uses of the estuary. This is evident by the recent killing of three Crested Terns in November 2008 by a 4WD. This strategy calls for a review and rationalisation of the 4WD's use and access points, unleashed dog zone, walking tracks and watercraft in the estuary.

The strategy does not call for a ban on 4WDs, although this or selected no-stop zones, alternate entrances or dog-on-leash areas may be the recommendations of the recreational review.

**Strategy 21: Acquire and preserve foreshore land;**

**Strategy 22: Incorporate foreshore and coastal buffers into CCRP; and**

**Strategy 29: Fishing cottage at lake entrance**

The current land ownership and management around Hearnese Lake is predominantly Crown Lands, managed through the Department of Lands. This includes unmade road, the gazetted lake and the northern coastal strip including the fishing cottages. This northern portion of land is wanted by Council and National Parks and Wildlife Service to be entered into the joint management of the Coffs Coast Regional Park for continuity of managed areas.

With this land incorporated into Regional Park the management of the coastal strip will be strengthened to reinforce the significance of the natural values in the Hearnese Lake area. The Coffs Coast Regional Park facilitates better managed recreation facilities, and enhanced management of natural coastal resources.

**Cont'd**

## **S6 - Draft Hearnest Lake Estuary Management Study and Plan (Cont'd)**

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### **Implementation Date / Priority:**

Following adoption by Council of the draft Estuary Management Plan, it will be placed on public exhibition for four weeks, after which any public comments will be taken into account by Council staff and the CEMAC when finalising the Plan.

The completed Estuary Management Plan will then be recommended to Council for formal adoption, where the document will become an official Management Plan of Council. Implementation of the recommended strategies will follow the ranking and priorities given in the Plan subject to available funds and resources.

### **Recommendation:**

**That Council approve the draft Hearnest Lake Estuary Management Plan for public exhibition for a period of 28 days.**

Attachments:

Appendix 1: Hearnese Lake Locality and Catchment



Figure 1-1 Hearnese Lake Catchment and Locality

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## S7 CITY SERVICES SECTION QUARTERLY OPERATIONAL REPORT

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### Purpose:

To provide Council with a quarterly progress of works and activities undertaken by the various sections of City Services up to 31 December 2008.

### Description of Item:

	Budget	Spent	% complete	% budget
<p><b>Local Sealed Roads Rehabilitation Program 2008/2009</b>  <i>Grafton St Coffs Harbour was completed prior to the Christmas school holidays. The pavement condition of the remaining rehabilitation jobs has been reassessed and several jobs recommended for deferral till 2009/10 Management Plan. Lower Bucca Rd Bucca has been deferred to cut Council costs. Albany St between Earl and Gordon Sts is in a poor condition however Isles Drive has deteriorated more rapidly and will require immediate intervention. It is recommended to reallocate the \$130,560 to Isles Drive \$84,960 for the rehabilitation and subsoils, \$45,600 for reseal activities.</i></p>	\$1,205,499	\$460,222	35	38
<p><b>Local Roads Reseal Program (Flush Seal) 2008/2009</b>  <i>Work commenced in late October 08 and is anticipated to be completed in February 09.</i></p>	\$663,000	\$99,346	15	15
<p><b>Local Roads Reseal Program (Roads to Recovery)</b>  <i>Work commenced in January 2009. Taloumbi Rd CH revoted from 2007/08</i></p>	\$96,266	\$1,425	2	2
<p><b>Local Roads Reseal Program (Asphalt) 2008/2009</b>  <i>Anticipated completion in March 2009.</i></p>	\$85,500	\$24,100	28	28
<p><b>Dust Seal Program 2008/2009</b>  <i>Work in progress. Proposed utilisation of some underspent budget on Holloways Rd Sandy Beach to utilise resident contributions and underspent R2R funds</i></p>	\$170,000	\$125,058	85	74

Cont'd

**S7 - City Services Section Quarterly Operational Report (Cont'd)**

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<p><b>Local Roads Gravel Resheet Program Council Funded) 2008/2009</b>  <i>Work in progress. Butlers Road Bonville has been included using a revote budget and contribution from Abi Group</i></p>	\$221,507	\$84,896	43	38
<p><b>Local Roads Gravel Resheet Program - (Roads to Recovery Funded) 2008/2009</b>  <i>Work to be commenced in January 2009</i></p>	\$96266	\$1425	1	1
<p><b>Road Bridge Replacement &amp; Repair Program 2008/09 - (with funding breakdown shown)</b>  <i>Little Nymboida may be deferred and funds redirected into Eves Creek if budget insufficient.</i></p>	\$1,196,350	\$29,967	2	2
<p><b>Drainage Improvements (including Nuisance Flooding) Program 2008/2009</b>  <i>The Harbour Drive job (near the TAFE) had the outlet area cleared under Maintenance and this may be sufficient to avoid major pipe upgrading. 125 James Small Drive Korora was added to the 2008/09 program due to legal reasons and has been completed.</i></p>	\$230,000	\$67,190	42	30
<p><b>Stormwater Management Service Works (Stormwater Levy) Program 2008/2009</b>  <i>Council has a rolling works program of stormwater jobs requiring rectification and upgrading. Stage 1 of The Boulevard Mullaway was completed in September 08. Stage 2 is to be completed in January 2009. Stage 3 is proposed for inclusion in the 2009/10 Management Plan</i></p>	\$927,761	\$725,261	78	82
<p><b>Stormwater &amp; Flood Mitigation Works Program 2008/2009</b>  <i>The major flood mitigation project being undertaken by Council is the Bakers Road detention basin. Detailed design of the basin is complete and Council is about to go to tender for its construction.</i></p>	\$2,752,064	\$155,939	2	2
<p><b>Coastal &amp; Estuary Program 2008/2009</b>  <i>Consultants have been engaged to prepare a "Coastal Process Hazard Definition Study" for Council's coastline. The study will identify areas at risk from coastal processes including sea level rise and is due for completion mid 2009.</i></p>	\$547,624	\$55,075	6	7

**Cont'd**



## S7 - City Services Section Quarterly Operational Report (Cont'd)

<b>Footpath Construction Program 2008/2009</b> <i>Aleena Dr / Coorabin Crescents Toormina has been completed.</i>	\$305,600	\$61,934	38	20
<b>PAMPS Program 2008/2009</b> <i>Joyce St Coffs harbour has been completed. Scope of outstanding works from previous years PAMPS grants to be finalised. These revotes have been included in the 2008/09 budgets</i>	\$138,686	\$93,413	79	79
<b>Cycleways Program 2008/2009</b> <i>Northern Beaches Cycleway (Woolgoolga) Stage 2 works currently being designed.</i>	\$312,731	\$93,191	32	30
<b>Street Lighting Program 2008/2009</b> <i>2008/09 Program is complete.</i>	\$6,000	\$10,206	0	170
<b>2008/2009 Community Facilities Program</b> (excludes CCSLP Fields/Amenities and City Park) <i>In progress. Work postponed over January to assist businesses and avoid Christmas crowds.</i>	\$400,000	\$318,555	77	79
<i>Sawtell Headland Improvements</i> <i>(Additional costs incurred after Aboriginal artifacts identified. The amenities block is completed and awaiting the artist to finish the mural prior to opening).</i>	\$380,000	\$253,226	67	67
<i>Jetty Structure Restoration</i> <i>Work complete.</i>	\$1,567,919	\$1,261,788	100	80
<b>Hogbin Drive Extension - Stage 2</b> <i>Sound report received. Minor works required. Additional bill received from the Alliance totalling \$51,575 which was not estimated in \$100,000 2008/09 budget allocation</i>	\$100,000	\$82,876	83	83
<b>Roads to Recovery Road Rehabilitation Program</b> <i>2008/09 will be the final year of this 4 year program. All grant funds must be spent by 30 June 09. Anticipated completion in February 2009.</i>	\$298,395	\$638	0	0

Cont'd

## S7 - City Services Section Quarterly Operational Report (Cont'd)

<p><b>RTA 3x3 Program</b></p> <p><i>Project involves reconstruction of Lyons Rd/ Harrison's Rd intersection. The job was delayed and additional costs incurred by the discovery of Koori artifacts. The project commenced in June 2008 and extended into the new financial year, combining both the 2007/08 and 2008/09 RTA 3x3 budgets. Some minor bollard works remain to be completed as requested by the Local Aboriginal Land Council. Additional funds required</i></p>	\$131,000	\$131,459	100	100
<p><b>Moonee Beach Road Moonee Beach</b></p> <p><i>Stage 1 work complete. Minor Stage 2 footpath works in progress. Remaining Stage 2 deferred due to impact of Pacific Highway upgrade interchange works.</i></p>	\$1,196,867	\$1,061,933	97	89
<p><b>Car Parking</b></p> <p><i>Earl Street car park complete. Harbour Drive car parking between Curacoa and Earl is in progress. Additional subsoil drains were required. Cost overrun of \$23,000 anticipated.</i></p>	\$171,983	\$162,523	83	94
<p><b>Water - New Mains Construction - S64</b></p> <p><i>A lot of the developer provided infrastructure has not been costed at this time.</i></p>	\$3,571,700	\$10,760	0	0
<p><b>Water - Regional Water Supply (Shannon Dam)</b></p> <p><i>Shannon Creek Dam contract completed by December 08 - the scheduled completion date. There will be additional works completed by Clarence Valley Council that are outside the contract. Final cost less than budget – budget to be reduced.</i></p>	\$8,228,000	\$2,916,952	99	35
<p><b>Water - Capital Works (less Section 64 works)</b></p> <p><i>The majority of expenditure is in the WTP which will be completed in the financial year. There is also a reasonable amount being spent on upgrading the telemetry system.</i></p>	\$37,995,359	\$15,098,015	40	40
<p><b>Water Main Renewals</b></p> <p><i>Links Avenue and Bay Drive are nearing completion.</i></p>	\$354,444	\$118,994	34	34

Cont'd

**S7 - City Services Section Quarterly Operational Report (Cont'd)**

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<p><b>Sewer Capital Works</b>  <i>The majority of this expenditure is on the WRP which will be completed this financial year. Work on the reclaimed water main should also go ahead this year.</i></p>	<p>\$67,405,117</p>	<p>\$19,847,051</p>	<p>30</p>	<p>30</p>
<p><b>Sewage Pump Station and Sewer Main Upgrades</b>  <i>There are some major costs that will be expended in the near future on the rising main through the Pacific Bay area.</i></p>	<p>\$2,000,000</p>	<p>\$1,075</p>	<p>0</p>	<p>0</p>
<p><b>Reclaimed Water Main Construction</b>  <i>The main through the Jetty area should be installed as soon as possible.</i></p>	<p>\$8,694,731</p>	<p>\$0</p>	<p>0</p>	<p>0</p>

Note: At the time of producing this report, revotes were still to be finalised. As a result an estimate of revotes has been included in the budgets detailed above.

**Recommendation:**

**That the quarterly progress report on works and activities undertaken by the various sections of City Services up to 31 December 2008 be noted.**

**Attachments:**

**Local Sealed Roads Rehabilitation Program 2008/2009**

Road	Location	Locality	Budget	Start	Complete	Actual Start	Actual Finish	Final Cost
Rehab Investigations			\$25,260	7/08	6/09	7/08		
Bray St	Taloumbi Cr to Culvert	Coffs Harbour	\$115,863	6/08	6/08	6/08	7/09	\$118,998
Albany St	Salamander St to Curacoa St	Coffs Harbour	\$67,740	6/08	6/08	6/08	7/08	\$81,830
Grafton St (AS7)	Albany St-Market St	Coffs Harbour	\$135,720	11/08	11/08			\$155,379
Rex Hardaker Lane	Hogbin Dr - just past oval entrance	Toormina	\$60,000	3/09	3/09			
Fraser Dr	Wingara to ½ length	Coffs Harbour	\$124,853	3/09	3/09			
Harbour Dr	Dibbs St	Coffs Harbour	\$168,039	07/08	06/09			
Coral St	S10 to Red rock Rd	Corindi	\$112,560	7/08	6/09	7/08		
High St	Cul-de-sac Construction	Woolgoolga	\$3,142	6/08	7/08	6/08	7/08	\$16,525
Waterloo St	Nightingale St - Queen St	Woolgoolga	\$80,000	2/09	2/09			
Trafalgar St	Nightingale to Carrington	Woolgoolga	\$115,701	1/09	2/09			
Lower Bucca Rd	McRaes Br	Bucca	\$1,045	6/08	7/09	6/08	7/09	\$1,045
Beach St	Boundary to Bultitude	Woolgoolga	\$1,923	6/08	7/08	6/08	7/08	\$6,480
Harbour Dr	Earl St RAB west 100m	Coffs Harbour	\$60,000	Defer	2009/10			Proposed
Frances St (Agg Lines) (R2R)	Alexander St - Gundagai St	Coffs Harbour	(\$55,760)	1/09	1/09			Cost to R2R
Crossmaglen Rd	Moody's Rd-School (2964-3713)	Bonville	(\$157,500)	12/08	12/08			Cost to R2R
Lower Bucca Rd	Seg 3 625 - Old Bucca Rd	Bucca	(\$172,900)	Defer	2009/10			Utilised for budget shortfall
Albany St	Earl St - Gordon St	Coffs Harbour	(\$130,560)	Defer	2009/10			Transfer budget to jobs listed below
Isles Dr	Englands Rd Intersection	Coffs Harbour	\$84,960	4/09	5/05			Proposed
Reseals	various		\$45,600	2/09	2/09			Proposed
		<b>Total</b>	<b>\$1,205,499</b>			<b>Year to Date Progress Expenditure</b>		<b>\$460,222</b>

**Local Sealed Roads Rehabilitation Program Section 94 2008/2009**

Road	Location	Locality	Budget	Start	Complete	Actual Start	Actual Finish	Final Cost
Coral St	Pacific St	Corindi	\$133,613	9/08	11/08	9/08	11/08	\$125,706

## Local Roads Reseal Program (Flush Seal) 2008/2009

Local Roads	Road Segment	Cost	Start	Complete	Actual Start	Actual Finish	Final Cost
Hillview Cr (Rubber)	All segments	\$11,000	11/08	3/09			
Marcia St (Rubber)	End Kerb – Melittas Ave	\$5,000	11/08	3/09			
Solitary St (Rubber)	Victoria St – Jarrett St	\$4,000	11/08	3/09			
Short St (Rubber)	Bent St - Victoria St	\$7,000	11/08	3/09			
Gordon St (Rubber)	St Augustines School- Bonville St	\$7,000	11/08	3/09			
Mackays Rd (Rubber)	Donn Patterson Dr - Finch Cr	\$3,000	11/08	3/09			
Mackays Rd (Rubber)	Finch Cr - Aston Cl	\$5,000	11/08	3/09			
Mackays Rd (Rubber)	Aston Cr - Vera Dr STH	\$6,000	11/08	3/09			
Wingara Dr (Fibre Dec)	Cook Dr - Fraser Dr	\$8,000	11/08	3/09			
Wingara Dr (Fibre Dec)	Fraser Dr - Fraser Dr Nth	\$9,000	11/08	3/09			
Okeefe Drive (Fibre Dec)	Cook Drive - Wingara Drive	\$5,000	11/08	3/09			
Apollo Dr (Fibre Dec)	Bray St - 133m	\$10,000	11/08	3/09			
Richmond Dr (Fibre Dec)	Diggers Beach Rd - Macleay Pl	\$20,000	11/08	3/09			
Richmond Dr (Fibre Dec)	Macleay Pl - Brunswick Ave	\$3,000	11/08	3/09			
Richmond Dr (Fibre Dec)	Brunswick Ave - End	\$4,000	11/08	3/09			
June St (Fibre Dec)	Marcia St - Ann St	\$15,000	11/08	3/09			
Francis St (Fibre Dec)	Alexander St - Gundagai St	\$6,000	11/08	3/09			
Heritage Drive	Killara Ave-Sharpe Cl	\$10,000	11/08	3/09			
Heritage Drive	Sharpe Dr-Pinehurst Dr	\$16,000	11/08	3/09			
Heritage Drive	Pinehurst Dr-Palm Grove Pl	\$18,000	11/08	3/09			
Heritage Drive	Palm Grove Pl-Lyndhurst Cl	\$15,000	11/08	3/09			
Palm Grove Dr	Heritage Dr - 223m	\$6,000	11/08	3/09			
Killara Ave	SH10 - Heritage Dr	\$6,000	11/08	3/09			
Sharpe Cl	Heritage Dr – End	\$3,000	11/08	3/09			
Parkwood Cl	Heritage Dr – End	\$6,000	11/08	3/09			
Poynten Drive	Emerald Heights Drive - 300m	\$7,000	11/08	3/09	1/09		
Woolgoolga Creek Rd	Stanner Cl - 350m	\$8,000	11/08	3/09	1/09		
Woolgoolga Creek Rd	1497-2427 Second Coat Dustseal	\$22,000	11/08	3/09	1/09		
Stanner Cl	Woolgoolga Creek Rd - End	\$2,000	11/08	3/09	1/09		
Newmans Rd	Start D/S - End D/S (Part 2) 1752-2620	\$19,000	11/08	3/09	1/09		
Vista Close	Newmans Road - End	\$3,000	11/08	3/09	1/09		
Jacklyn Pl	Bayliss Ave – End	\$3,000	11/08	3/09			
Middle Boambee Rd	Lindsays Rd - Ayrshire Park Rd	\$27,000	11/08	3/09	1/09		
Middle Boambee Rd	Ayrshire Park Dr - Wedds Rd	\$2,000	11/08	3/09	1/09		
Borsato Dr	Middle Boambee Rd - End	\$8,000	11/08	3/09	1/09		
Raintree Pl	Borsato Dr – End	\$4,000	11/08	3/09	1/09		
Rainford Pl	Middle Boambee Rd - End	\$5,000	11/08	3/09	1/09		

Local Roads	Road Segment	Cost	Start	Complete	Actual Start	Actual Finish	Final Cost
Curnuck Pl	Rainford Pl – End	\$4,000	11/08	3/09	1/09		
Forest Cl	Middle Boambee Rd - End	\$12,000	11/08	3/09	1/09		
Lamberts Rd	Worland Dr – End	\$5,000	11/08	3/09	11/08	11/08	\$3,796
Fortitude Pl	Lamberts Rd – AC	\$1,000	11/08	3/09	11/08	11/08	\$260
Worland Dr	Lamberts Rd – AC	\$3,000	11/08	3/09	11/08	11/08	\$1,963
Betel Palm Cl	Lamberts Rd – End	\$4,500	11/08	3/09	11/08	11/08	\$3,789
Palm Trees Dr	Betal Palm Cl - End	\$4,000	11/08	3/09	11/08	11/08	\$3,547
Archville Stn Rd	Highway – End	\$34,900	11/08	3/09	1/09		
Strouds Rd	Start Dust seal - End Nth	\$2,700	11/08	3/09	1/09		
Nelson St Coffs H	End AC – End	\$1,600	11/08	3/09			
Shephards Lane	Donn Patterson Dr - 693m	\$22,400	11/08	3/09			
Wingfield Cr	Brodie Dr – End	\$3,600	11/08	3/09			
Nana Creek Rd	MR151 – Gravel	\$12,800	11/08	3/09			
Poperaperin Creek Rd	Seg 1	\$900	11/08	3/09			
Eastbank Rd	Bridge to Thornton Rd (Seg 7)	\$44,600	11/08	3/09	12/08	12/08	\$38,672
Eastbank Rd	Rail Bridge to Start Dust seal (Seg 11)	\$25,500	11/08	3/09	12/08	12/08	\$21,108
Range Road	SH10 - 148m	\$3,500	11/08	3/09			
Casson Close	SH10 - 40m	\$1,200	11/08	3/09			
Post Office Road	SH10 - 207m	\$4,400	11/08	3/09			
Lowanna Rd	MR120 - 560m	\$11,800	11/08	3/09			
Lowanna Rd	560 – 1040	\$11,000	11/08	3/09			
Moleton Rd	947 – Gravel	\$4,800	11/08	3/09			
Cradle Creek Rd	Moleton Rd – Gravel	\$12,700	11/08	3/09			
Camp Creek Rd	Moleton Rd – Gravel	\$26,600	11/08	3/09			
Signal St	Dammerel Cr - Lighthouse Cr	\$4,200	11/08	3/09			
Surf St	Fiddaman Rd - End	\$1,800	11/08	3/09			
Lake Russell Dr	Smiths Rd – End	\$27,900	11/08	3/09			
Saye Cl	Johnsons Rd - 510	\$14,600	11/08	3/09	1/09		
Rickards Rd	380 – 500	\$2,700	11/08	3/09			Roads to Recovery
Rickards Rd	500 – END	\$3,500	11/08	3/09			Roads to Recovery
Schnapper Cl	Fiddaman Rd - End	\$1,100	11/08	3/09	12/08	12/08	\$1,593
Drummer Cl	Lights St – End	\$1,600	11/08	3/09	12/08	12/08	\$1,507
Taylor Cl	Beacon Cr – End	\$1,100	11/08	3/09	12/08	12/08	\$1,441
Bream Cl	Beacon Cr – End	\$1,700	11/08	3/09	12/08	12/08	\$1,698
Fisherman Dr	Island View St - Island View St (East)	\$6,600	11/08	3/09	12/08	12/08	\$6,260
Azure Ave	Cappizzi Cl-Jade Cl	\$2,300	11/08	3/09	1/09		
Azure Ave	Jade Cl – End	\$5,200	11/08	3/09	1/09		
Jade Cl	Azure Ave-End	\$3,700	11/08	3/09	1/09		
Capizzi Cl	Topaz Dr-End	\$8,346	11/08	3/09	1/09		
	<b>Total (Council Funded)</b>	<b>\$663,000</b>			<b>Year to Date Progress Expenditure</b>		<b>\$99,346</b>

### Local Roads Reseal Program (Roads to Recovery)

Road	Road Segment	Cost	Start	Complete	Actual Start	Actual Finish	Final Cost
Taloumbi Rd Coffs Harbour	Kane to Bray St West	\$43,820	3/09	4/09			
Rickards Rd Sandy Beach	Johnsons Rd – 380	\$8,400	11/08	3/09	12/08		\$1,425
Graham Dr Sandy Beach	SH10 Nth-Diamond Head Dr	\$44,046	11/08	3/09	1/09		
<b>Total (Roads to Recovery Funded)</b>		<b>\$96,266</b>			<b>Year to Date Progress Expenditure</b>		<b>\$1,425</b>

### Local Roads Reseal Program (Asphalt) 2008/09

Local Roads	Road Segment	Locality	Allocation	Start	Complete	Actual Start	Actual Finish	Final Cost
1 <sup>st</sup> Avenue	2nd Ave Int	Sawtell	Proposed to transfer \$24,100 costs to Rehab program	10/08	10/08	10/08	10/08	\$28,350
Lagoona Cl	A/S7 Cul-de-Sac	Korora	\$3,100	11/08	12/08			
Ascot St	A/S7 Cul-de-Sac	Korora	\$3,400	11/08	12/08			
Parkes Dr North	A/S7 Cul-de-Sac	Korora	\$3,300	11/08	12/08			
Parkes Dr South	A/S7 Cul-de-Sac	Korora	\$5,200	11/08	12/08			
Bellevue Dr	A/S7 Cul-de-Sac	Korora	\$2,400	11/08	12/08			
Kotara Pl	A/S7 Cul-de-Sac	Korora	\$2,500	11/08	12/08			
Miranda Cl	A/S7 Cul-de-Sac	Korora	\$5,700	11/08	12/08			
Bellwood Pl	A/S7 Cul-de-Sac	Korora	\$5,500	11/08	12/08			
Tropic Lodge	A/S7 Cul-de-Sac	Korora	\$3,500	11/08	12/08			
Banff Close	A/S7 Cul-de-Sac	Boambee	\$4,400	11/08	12/08			
Skye Close	A/S7 Cul-de-Sac	Boambee	\$2,900	11/08	12/08			
Amanda Close	A/S7 Cul-de-Sac	Boambee	\$4,100	11/08	12/08			
Raintree Pl	A/S7 Cul-de-Sac	Boambee	\$3,700	11/08	12/08			
Borsato Dr	A/S7 Cul-de-Sac	Boambee	\$3,500	11/08	12/08			
Canale Dr	A/S7 Cul-de-Sac	Boambee	\$4,100	11/08	12/08			
Rippon Cl	A/S7 Cul-de-Sac	Coffs H	\$5,200	Defer				
Collison Cl	A/S7 Cul-de-Sac	Coffs Harbour	\$5,700	Deferred				
Tyto Court	A/S7 Cul-de-Sac	Toormina	\$5,800	Defer				
Spicer Cl	A/S7 Cul-de-Sac	Toormina	\$3,800	Defer				
Kingfisher Cl	A/S7 Cul-de-Sac	Toormina	\$3,700	Defer				
Sunrise Drive	A/S7 Cul-de-Sac	Toormina	\$4,000	Defer				
<b>Total</b>		<b>Job No 52730</b>	<b>\$85,500</b>			<b>Year to Date Progress Expenditure</b>		<b>\$28,350</b>

### Dust Seal Program 2008/2009

Road Name	Segment Name	Locality	Est Cost	Start	Complete	Actual Start	Actual Finish	Final Cost
Upper Corindi Rd	Sherwood Ck RD - 800m	Corindi	\$67,900	11/08	11/08	11/08	12/08	\$48,130
Cox Lane Corindi	Blackadder Rd –End Maintenance	Corindi	\$46,800	11/08	11/08	11/08	12/08	\$25,550
Watkins Rd	Upper Orara Rd-Causeway	Upper Orara	\$55,300	9/08	09/08	11/08	11/08	\$51,348
Holloways Rd	Bitumen to end	Sandy Beach	Proposed					
<b>Total</b>			<b>\$170,000</b>			<b>Year to Date Progress Expenditure</b>		<b>\$125,058</b>

### Local Roads Gravel Resheet Program (Council Funded) 2008/2009

Road	Segment	Locality	Estimated Costs	Start	Complete	Actual Start	Actual Finish	Final Cost
Ellems Quarry Rd	MR 151 - 930m	Nana Glen	\$15,000	11/08	11/08			
Puhos Rd	Selected areas	Sandy Bch	\$13,500	12/08	12/08			
Englands Rd	Selected areas	N Boambee Valley	\$11,973	2/09	2/09			
Nana Ck Rd	Selected areas	Nana Glen	\$11,973	2/09	2/09			
Wears Rd	Selected areas	Bucca	\$22,500	2/09	2/09			
Duffus Rd	Selected areas	Corindi	\$29,054	11/08	11/08	11/08	12/08	\$28,432
Gleniffer Rd	Selected areas	Bonville	\$37,500	1/09	1/09	12/08	12/08	\$36,196
Cassidys Rd	Selected areas	Bonville	\$30,000	1/09	1/09	12/08	12/08	\$29,308
Old Repton Rd	Selected areas	Bundagen	\$24,000	1/09	1/09			
Butlers Rd	Southern end	Bonville	\$26,007	1/09	1/09			-\$9,091
<b>Total</b>			<b>\$221,507</b>			<b>Year to Date Progress Expenditure</b>		<b>\$84,896</b>

### Local Roads Gravel Resheet Program - (Roads to Recovery Funded) 2008/2009

Road	Segment	Locality	Areas	Estimated Costs	Start	Complete	Actual Start	Actual Finish	Final Cost
Holloways Rd	Selected areas	Sandy B	1250	\$22,446	12/08	12/08	12/08	1/09	
Whitneys Road	Selected areas	Brooklana	2000	\$30,000	11/08	11/08	11/08	12/08	\$29,790
<b>Total</b>				<b>\$52,446</b>			<b>Year to Date Progress Expenditure</b>		<b>\$30,488</b>

### Road Bridge Replacement & Repair Program 2008/2009 - (with funding breakdown shown)

Bridge	Locality	Council Funding	External Funding	External Funding Source	Start	Complete	Actual Start	Actual Finish	Final Cost
Eves Creek (Regional Rd Bridge)	Brooklana	177,500 (Rds to Rec'y)	177,500	RTA Timber Bridge Program	2/09	5/09			
Little Nymboida (Regional Rd Bridge)	Brooklana	147,500 (successful rate rise)	147,500	RTA Timber Bridge Program	Deferred				
Houlahans (Local Rd Bridge) Inv/Design	Dairyville	231,350	30,000	Rds to Recov'y	1/09	1/09	12/08		
Duffus (Local Rd Bridge)	Corindi	60,000	120,000	Supplementary Rds to Recov'y	4/09	5/09			
Englands Road (Local Rd Bridge)	Boambee W	60,000	-	-	2/09	3/09	12/08	12/08	\$53,018
Major Repairs (Local)		30,000	-	-	9/08	6/09			
Investigations (Local)		15,000	-	-	7/08	6/09			
		<b>\$721,350</b>	<b>\$475,000</b>	<b>\$475,000</b>			<b>Year to Date Progress Expenditure</b>		<b>\$79,017</b>

Total Program Estimate:  
\$1,196,350



### Drainage Improvements (including Nuisance Flooding) Program 2008/2009

Project/Road	Locality	Description	Costs	Start	Complete	Actual Start	Actual Finish	Final Cost
125 James Small Dr	Korora	Scour reconstruction and Clean Dam	\$0	1/08	1/08	8/08	11/08	\$30,207
Hastings St	Woolgoolga	Minor works carried over from 2007/08	\$0	7/08	7/08			
Gallipoli Road	Coffs Harbour	Construction of approximately 50m of kerb and gutter with pit inlet as well as required piped drainage.	\$50,000	1/09	2/09			
Carrington Street	Woolgoolga	Construction of piped drainage in lieu of open drain adjacent Pollack Esplanade.	\$15,000	9/08	9/08	9/08	9/08	\$20,087
Sapphire Crescent	Sapphire	Geotechnical Investigation of stability of quarry face as a result of overland flow issues	\$15,000	4/09	4/09			
Harbour Drive	Coffs Harbour	Drainage amplification of existing culvert beneath Harbour Dr in order to prevent further flooding of 244 Harbour Dr.	\$80,000	11/08	12/08	11/08	11/08	\$0
Argyll Street	Coffs Harbour	Realignment of drainage outlet at creek in order to limit continual flooding of Argyll Street within a sag point.	\$20,000	11/08	11/08			
West High Street	Coffs Harbour	Replacement of a surface inlet pit with a headwall and trash rack in order to address flooding of the top tier of West High Street.	\$25,000	5/09	5/09			
Bucca Road	Moonee	Installation of an additional culvert beneath Bucca Road near the intersection of the Pacific Highway in order to address a continual overtopping issue.	\$25,000	5/09	5/09			
<b>Total</b>			<b>\$230,000</b>			<b>Year to Date Progress Expenditure</b>		<b>\$67,190</b>

### Stormwater Management Service Works (Stormwater Levy) Program 2008/2009

Project/Road	Locality	Description	Costs	Start	Complete	Actual Start	Actual Finish	Final Cost
Middle Ck	Sawtell	Litter Trap	\$16,655	6/08	6/08	7/08	7/08	\$16,655
The Boulevard Stage 1	Mullaway	Stormwater Improvements from The Boulevard to the system outlet. Involves piping of major open drains	\$340,000	7/08	12/08	7/08	10/08	\$339,500
Marcia Street	Coffs Harbour	Design	\$10,000	7/08	6/09	7/08		
Piped Drainage Maintenance	LGA	Ongoing cleaning and maintenance of Council's open drainage	\$32,000	7/08	6/09	7/08		
Open Drain Maintenance	LGA	Ongoing cleaning and maintenance of Council's open drainage	\$28,000	7/08	6/09	7/08		
Drainage Data Collection	LGA	Provision of technical support to collect and collate drainage data and to undertake condition assessment of drainage assets.	\$70,000	7/08	6/09	7/08		
Fawcett Street	Woolgoolga	Design in Progress. Solution to alleviate inundation of intersection of Beach and Fawcett St	\$86,606	2/09	3/09			
The Boulevard Mullaway	Mullaway	Stormwater Improvements along The Boulevard to Darkum Rd. Involves piping of major open drains	\$335,000	7/08	12/08			
Stormwater Improvements	LGA	Installation of stormwater quality improvement devices.	\$10,000	7/08	6/09			
Stormwater Maintenance	LGA	Ongoing cleaning and maintenance of stormwater improvement devices.	\$20,000	7/08	6/09			
<b>Total</b>			<b>\$927,761</b>		<b>Year to Date Progress Expenditure</b>			<b>\$725,261</b>

### Stormwater & Flood Mitigation Works Program 2008/2009

Project/Road	Locality	Description	Council Funding	External Funding	Start	Complete	Actual Start	Actual Finish	Final Cost
Bakers Rd Detention Basin	Coffs H	Bakers Rd Detention Basin	\$16,667	\$33,333	7/08	6/09	7/08		
Coffs Harbour Flood Mitigation	Coffs H	2D Modelling + model review	\$8,333	\$16,667	7/08	6/09	7/08		
Upper Shephards Lane	Coffs H	Detention Basin (Section 94 Funding \$140,000)	\$140,000	\$280,000	6/09	4/10			
Orara River Flood Study	Coffs H	Flood Study	\$8,333	\$16,667	7/08	6/09			
Marcia St Drainage Works	Coffs H	Drainage Works (Preliminary Works)	\$66,667	\$133,333	4/09	10/09			
			<b>\$240,000</b>	<b>\$480,000</b>					

Total Program Estimate: **\$720,000**

## Coastal & Estuary Program 2008/2009

Project/Road	Locality	Description	Council Funding	External Funding	Start	Complete	Actual Start	Actual Finish	Final Cost
Dredging	Coastal	Harbour Dredging / Park Beach nourishment	\$37,500	\$37,500	7/08	7/08	7/08	7/08	To be determined (subject to funding)
Mgt Plan	Coastal	Campbells Beach Coastal Management Plan Finalisation	\$15,000	\$15,000	4/09	6/09			
Dredging	Coastal	Harbour dredging and boat ramp maintenance operations review	\$25,000	\$25,000					
Mgt Plan	Coastal	Coastal Management Plan - Study and Plan	\$25,000	\$25,000	7/08	6/09	7/08		
Mgt Plan	Coastal	Review Woolgoolga Creek / Lake EMP	\$25,000	\$25,000	4/09	6/09			
			<b>\$127,500</b>	<b>\$127,500</b>					

Total Program Estimate: **\$255,000**

## Footpath Construction Program 2008/2009

Project/Road	Locality	Estimate	Start	Complete	Actual Start	Actual Finish	Final Cost
Coramba School to Gale St	Coramba	\$17,550	2/09	2/09			
Newmans Rd (Investigation)	Wool'ga	\$6,000	2/09	2/09			
Curacoa in front of Christian Community College	Coffs Harbour	\$5,850	1/09	1/09	1/09		
Boronia Street Sawtell	Sawtell	\$3,510	10/08	10/08	11/08	11/08	\$13,039
First Avenue missing links	Sawtell	\$114,040	4/09	4/09			
Donn Patterson - connect to bus stops	Coffs Harbour	\$5,850	3/09	3/09			
Coorabin Crescent/ Aleena Dr	Toormina	\$88,500	10/08	11/08	10/08	11/08	\$22,965
Lindsays Rd Stage 1: Design all stages then balance of remaining funds towards partial works	Toormina	\$35,700	7/08	6/09			
Orlando St (Pacific Hwy to GDT Secombe Cl)	Coffs Harbour	\$28,600	8/08	9/08	8/08	10/08	\$19,877
PAMPS, CHCC contribution to RTA Schedule	See PAMPS Program	\$5,000	7/08	6/09	7/08		
<b>Total</b>		<b>\$305,600</b>			<b>Year to Date Progress Expenditure</b>		<b>\$61,934</b>

## PAMPS Program 2008/2009

Project	Locality	Estimate	Start	Complete	Actual Start	Actual Finish	Final Cost
2006/07 RTA Schedule Revote	Various	<b>\$21,872</b>	7/08	6/09	7/08		
2007/08 RTA Schedule Revote	Various	<b>\$78,361</b>	7/08	6/09	7/08		
2008/09 RTA Schedule Complete Joyce St (East) - Beryl to Tyalla - 250m (Stage 1)	Coffs Harbour	<b>\$50,000</b>	2/09	6/09	10/08	1/09	\$38,401
2008/09 Balance Unscoped RTA Schedule		<b>\$10,000</b>	2/09	6/09			
<b>Total</b>		<b>\$110,233</b>			<b>Year to Date Progress Expenditure</b>		<b>\$82,733</b>

## Cycleways Program 2008/2009

Project	Locality	Estimate	Start	Complete	Actual Start	Actual Finish	Final Cost
Lyons Rd - Revote	Toormina	\$100,000	6/08	7/08	6/08	7/08	\$82,299
SH10 (Hurley to Cook) - Revote	Coffs Harbour	\$25,789					
Northern Beaches	Woolgoolga	\$60,942	3/09	6/09			
Hulberts Rd to Eighteenth Ave	Toormina	\$126,000	2/09	6/09			
	<b>Total</b>	<b>\$312,731</b>			<b>Year to Date Progress Expenditure</b>		<b>\$82,497</b>

## Street Lighting Program 2008/2009

Project	Locality	Estimate	Start	Complete	Actual Start	Actual Finish	Final Cost
Cnr Eastern Dorrigo Way & Pine Ave	Ulong	2,000	2/09	3/09			
Gillibri Crescent, near house no 5, pole no 96111	Sawtell	2,000	2/09	3/09			
Alkina Street, near house No 10, pole No 69308	Sapphire	2,000	2/09	3/09			
	<b>Total</b>	<b>\$6,000</b>					

## 2008/2009 Community Facilities Program

Location	Road	Cost	Start	Complete	Act Start	Act Finish	Progress Cost
Nana Glen	Grafton St	\$18,496	7/08	7/08	7/08		\$28,830
Sawtell	1 <sup>st</sup> Ave CBD	\$133,051	7/08	7/08	7/08		\$136,731
Woolgoolga	River St	\$400,000	10/08	12/08	10/08		\$318,555
City Park	Brelsford Park	\$2,700,000	6/07	12/09	11/07		
Sawtell Headland	Boronia St	\$380,000	08/07	03/09	08/07		\$131,731
Jetty Refurbishment	Marina Dr	\$1,567,919	6/08	11/08	6/08	12/08	\$1,261,788
Hogbin Dr	Albany St to Orlando St	\$100,000	7/08	6/09	7/08		\$82,876
	<b>Total</b>	<b>\$5,299,465</b>			<b>Year to Date Progress Expenditure</b>		<b>\$1,960,511</b>

## Water & Sewer

	Estimated Cost	Start	Complete	Actual Start	Actual Finish	Final Cost
<b>Water - New Mains Construction - S64:</b>						
Moonee Beach North Trunk Main - Stage 2	\$46,000	11/08	12/08		12/08	
Kratz Drive to Halls Road	\$107,500	3/09	6/09			
North Sapphire - 500mm dia				4/08	7/08	\$800,000
North Sapphire - 300mm dia				4/08	7/08	\$100,000
<b>Water - Regional Water Supply (Shannon Dam)</b>	\$24,640,500	7/07	12/08			\$17,841,007
<b>Water - Capital Works:</b>						
Casuarina Lane Causeway Stabilisation Works	\$40,000	2/08	6/09			ongoing
Casuarina Lane Fishway	\$18,000	12/07	6/09			ongoing
Reservoir Painting and Maintenance Program	\$783,800	7/07				ongoing
Telemetry Upgrade	\$243,600	7/07	6/09			ongoing
Moonee 5ML	\$1,500,000	6/09	6/09			

<b>Water Main Renewals:</b>						
Bay Dr - New pipework in Bay Dr to Resort via footbridge	\$37,000	4/08	6/09			ongoing
Bay Dr - Resort Dr to existing 150 main	\$75,000	4/08	6/09	1/09		ongoing
Links Ave - Norman Hill Dr to Kotora CI 375m of 225mm	\$83,000	7/08	6/09	7/08	8/08	\$76,483
<b>Sewer - Capital Works:</b>						
Telemetry Switchboard and SCADA Upgrade Program	\$78,700	7/07	6/09			ongoing
Sewer Rehabilitation	\$769,550	7/07	6/09			ongoing
North Sapphire Rising Main				5/08	7/08	\$189,500
North Bonville 200mm RM (2.4km)	\$500,000	3/09	12/09			
<b>Sewage Pump Station and Sewer Main Upgrades:</b>						
Storage Well For PS 7 Arthur St - (include with SPS 17 upgrade)	\$265,000	deferred				
San Francisco Ave PS 17 (new) & sewer main to close PS 16	To be costed	deferred				
Firman Drive SPS 8 (Storage)	\$60,000	1/09	12/09			
Joyce Street SPS 19	\$250,000	1/09	12/09			
SPS 15, 16, 17, 30	\$700,000	1/09	12/09			
Reid Drive (SPS 20)	\$250,000	1/09	12/09			
Ocean Parade (SPS 25)	\$50,000	1/09	12/09			
SPS 24	\$200,000	1/09	12/09			
Stadium SPS 45	\$45,000	1/09	12/09			
Christmas Bells (SPS 47)	\$100,000	1/09	12/09			
Pelican SPS 56	\$180,000	1/09	12/09			
Nightingale SPS 5	\$60,000	1/09	12/09			
Curacoa Street to SPS 1 Main	\$160,000	1/09	12/09			
Woolgoolga Upgrades (unprioritised)	\$200,000	1/09	12/09			
West Side Close Main upgrade (estimate)	\$200,000	1/09	12/09			

<b>Reclaimed Water Main Construction:</b>						
Coffs Creek Bridge to Fishing Club - Jordan Esplanade	\$600,000	Design stage / acquisition				
Hogbin Dr to Botanic Gardens via Salamander & North St	\$230,000	7/09				ongoing
North St to Brelsford Park via Harbour Dr	\$30,000	5/08				ongoing
Coffs Creek to Fishing Club (500)	\$1,350,000	3/09	12/09			
Woolgoolga-Bucca (375)	\$5,000,000	1/11				
Hardacre Street to Brelsford Park	\$70,000	01/09	06/09			
Botanic Gardens to Showground	\$84,000	06/10	12/10			

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**S8 TENDER: PLANT REPLACEMENT PROGRAM - SUPPLY OF SIX BACKHOE LOADERS  
ERG CLASS BL4, CONTRACT 08/09-383-QO**

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**Purpose:**

To advise Council of the result of going out to quotation for the purchase of six backhoe loaders and recommend approval to purchase under the 2008/2009 Plant Replacement Program.

**Description of Item:**

The backhoe loaders will be based in Council's Plant Pool, and will be used to carry out general maintenance and construction activities on Council's infrastructure.

The backhoe loaders are used to travel, excavate, sort and load various materials.

The backhoe loaders are also a vital tool to meet Council's service guarantee for the repair of the sewer and water reticulation system within the Coffs Harbour City Council.

Quotes were called on 20 January 2009 for the purchase of new backhoe loaders using the Local Government Procurement Contract 7.07 - Supply of Heavy Plant and Equipment.

Quotes were requested to supply the following options:

- (a) Supply six new backhoe loaders
- (b) Trade in price of Council's existing backhoe loaders
- (c) Outright purchase of Council's existing six backhoe loaders without supplying new machines.

Four quotes were received for options (a) and (b) from the following:

- 1. WesTrac Pty Ltd.
- 2. Conplant Pty Ltd.
- 3. Hitachi Construction Machinery Australia
- 4. Komatsu Australia Pty Ltd.

In addition, Conplant Pty Ltd and Hitachi Construction Machinery Australia offered alternative quotes.

No quotes were received for option (c):

**Sustainability Assessment:**

Quotes for the backhoe loaders were called following adoption of the 2008/2009 Plant Replacement Program. Sustainability issues have been considered in the specification and tender assessment, as follows.

**S8 - Tender: Plant Replacement Program - Supply of Six Backhoe Loaders ERG Class BL4, Contract 08/09-383-QO (Cont'd)**

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- **Environment**

- Emission standards are in accordance with European standards: 'Tier III'.
- Service frequency and the reduction of waste products on oil and filters.
- Noise levels.
- The percentage of bio fuel that the machines can operate on so as to reduce Council's reliance on fossil fuels.

- **Social**

A review was undertaken to determine the requirement for the backhoe loaders in the Council fleet. The outcome was that Council needed to maintain its fleet of six units to meet its minimum service levels to the community.

The review of tenders included field performance testing to assess ergonomics, operator safety and the ability to carry out designated works.

- **Economic**

Funds for the changeover have been allocated in the 2008/09 Plant Fund budget.

Council's change over policy for the replacement of all plant is determined by:

- The continued need for the unit and if hiring is more viable than owning.
- Projected resale values.
- Projected repair and maintenance costs.
- Current operational downtime of the units to be replaced.

**Management Plan Implications:**

The most advantageous method for the purchase is that Council accepts the supply with trade option on the quoted machines from the recommended supplier using the Local Government Procurement contract 7.07.

**Consultation:**

The quotation evaluation has included consultation with Council's City Services, plant operators, workshop, operational staff and Safety Committee.

**Related Policy and / or Precedents:**

Quoting procedures were carried out in accordance with Council's Purchasing Policy.

**S8 - Tender: Plant Replacement Program - Supply of Six Backhoe Loaders ERG Class BL4, Contract 08/09-383-QO (Cont'd)**

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**Statutory Requirements:**

Council is exempt from inviting tenders under the Local Government Act when contracts for the required goods and services have already been put in place by entities prescribed under Clause 163 of the Local Government (General) Regulation 2005. Local Government Procurement (LGP) is one such entity allowing Council to utilise their supply arrangements without the need to go to tender in its own right.

**Issues:**

There are four suppliers with this type of machine in the Local Government Procurement contract 7.07. All four were invited to quote under this system.

The Quotation Value Selection System was applied to all tenders and the assessment details are contained in the attached confidential supplement. During the assessment it was found that the alternative quoted machines from Conplant Pty Ltd and Hitachi Construction Machinery Australia did not comply with the engine environmental standard required in the document.

The highest ranked tendered machine was subject to field evaluation. Council's backhoe loader operators, operational staff, workshop staff and Safety Committee carried out the evaluation and submitted test reports. After the evaluation the recommended machine was deemed best overall package for Councils operations.

**Recommendation:**

**That Council considers quotations received for the supply of six backhoe loaders ERG Class BL4 Contract No. 08/09-383-QO and move the motion as detailed in the confidential attachment.**

**Jason R Gordon  
Director of City Services**