



KEMPSEY
Shire Council

DIRECTOR SHIRE SERVICES REPORT

13th November 2007

DSS6	SHERWOOD ROAD SEWERAGE	{ Folio No. * }
	FILE: 223, CC: 1091 GTS (NRN)	

SUMMARY:

Reporting on the status of the Sherwood Road sewerage system project

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DESCRIPTION:

A status report was submitted at the Ordinary meeting of Council 14th August 2007.

It was reported that a sewerage system is possible within the previously reported cost envelope (\$500,000: DSS2 8th May, 2007) and whilst the preferred option was to connect to the Correctional Facility pump station, there would be reliance upon connection to the rising main is a fall-back position.

Subsequent advancement of design documentation utilising in-house resources according to availability confirms that the most cost-effective scheme of arrangement is a connection to the rising main. The detailed estimated cost of \$390,000 for this arrangement includes the installation of the gravity sewer, rising main and pump station.

Negotiations are continuing in relation to requisite approvals and will be vigorously pursued now that the design is almost complete.

The August report also alluded to the handling of significant stormwater issues in the precinct as a key component of the project and that a community water quality improvement grant under the Federal Government's Community Water Grants Program had been applied for.

"Survey of the collection route at the rear of the properties to be serviced confirmed the existence of a network of stormwater drainage lines conflicting with the proposed sewerage line grading. The exacerbation of the environmental impacts of septic treatment systems by stormwater and greywater discharges had been previously identified during compliance inspections. The option of collecting and conveying stormwater to Warnes Creek via the proposed sewer easement and forming biotreatment swales within the existing drainage paths (road "reserve" and existing drainage easement) is preferred. A community

water quality improvement grant (CWG) has been applied for to cover half the cost of same (\$50,000 of \$100,000). Whilst no commitments existed in this regard, the initiative was consistent with the community's expressed expectation that grant funding would be sought".

A favourable determination in this regard has now been made (on the day of writing this report). The offer of \$45,454 in funding will potentially enable the implementation of an integrated environmental improvement plan and management system for the precinct. The balance of the \$100,000 will be funded by Kempsey Shire Council in the context of funding for the overall project. Designs will now be finalised incorporating the details of the biotreatment swales within the existing drainage paths.

It is expected that the funding agreement will be struck, approvals secured, and funding / rating options formulated to the extent that they can be presented to the March meeting of Council for a final determination.

REPORT IMPLICATIONS:

- ***Environmental***

High level environmental protection.

- ***Social***

Improved health, utility and amenity.

- ***Economic (Financial)***

Final estimates of cost of works are to be determined along with funding arrangements. A current budget allocation of approximately \$250,000 exists.

- ***Policy or Statutory***

This project is needed to overcome local health and environmental concerns consequent to considerations of the Protection of the Environment Operations Act and approvals to operate a system of sewage management as a prescribed activity under Section 68 (F10) of the Local Government Act 1993 and Clause 45 of the Local Government (Approvals) Regulation 1999.

- ***Director's Review***

It is recognized that the sewerage of a particular smaller-lots precinct along Sherwood Road is a matter of environmental importance and that the various investigations, discussions and assessments made over a long period of time will culminate in the most cost-effective solution in terms of servicing residential needs and environmental protection / improvement.

RECOMMENDATION:

That the information be noted.

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K N Smith
ACTING DIRECTOR SHIRE SERVICES