



DIRECTOR SHIRE SERVICES REPORT

14th March 2006

DSS4	HAT HEAD SEWERAGE
FILE: 217	AMB {Folio No. * }

SUMMARY:

Reporting on the Hat Head Sewerage System.



This report updates the previous reports on the Hat Head Sewerage Scheme.

Sewerage Treatment Plant

On 7th February 2006, Council, UKG and Department of Commerce representatives met to discuss the handover of the Sewerage Treatment Plant from UKG to Council. A pre-practical completion inspection was held at the Sewerage Treatment Plant prior to the meeting.

The outcome of that meeting was a determination of practical completion of the Sewerage Treatment Contract and a scheduled handover of the Sewerage Treatment Plant for 14th February, subject to the finalisation of a Defects Liability Period (DLP).

Practical completion was achieved on 15th February with a 26-week DLP. The handover document is presented in [Appendix C](#). The DLP has eleven items and the aspects to be addressed and/or monitored are included in [Appendix D](#).

There are several items within the DLP that will determine the efficiency of the sewerage plant and its ability to cope with additional biological and hydraulic loads, i.e. increased development. Given this fact, any change to DCP37 would be premature until the completion of the DLP and analysis of its results.

Sewerage Pumping Station

The noise consultants report has been received and indicates that the pump station meets EPA noise guidelines.

The Flygt report on the life cycle costing of the transfer pumps has been received. Discussions are continuing on the potential for efficiency improvements to reduce the life cycle costs of the pumps.

EPA Licence Compliance

The test results for the proving period passed licence requirements. The licence requirements for the Total Coliforms were not met on the 28th January, the day after completion of the proving period. Corrective actions were taken to address the operation of the chlorination unit and monitor to ensure improvement. Corrective action was successful.

The EPA License was passed to Council on 22nd February 2006.

REPORT IMPLICATIONS:

- *Environmental*

When running efficiently and when all customer connections are complete the sewerage system will improve the environment of Hat Head.

- *Social*

The moratorium on the future development in Hat Head under DCP37 continues through the period of the DLP and the post-DLP analysis. This is likely to be complete by October 2006.

- *Economic (Financial)*

Macleay Water is now responsible for the maintenance, laboratory and operational costs for the Hat Head Sewerage Treatment Plant. Appropriate budget requirements are being determined at present.

- *Policy or Statutory*

There are no policy implications from the recommendations. Statutory implications include that Macleay Water is now responsible for the EPA license reporting functions for the remaining part of the license year (February - June).

- *Acting Director's Review*

The actions proposed in this report are in accordance with the conditions of the contract entered into for this project.

RECOMMENDATION:

1. That the information be noted.
2. That monthly reports to Council on the progress of Hat Head Sewerage scheme cease.

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G R Whelan
Acting DIRECTOR SHIRE SERVICES