

West Camden Water Reclamation Plant Report

| Name of wastewater treatment plant | West Camden Water Reclamation Plant |
|------------------------------------|-------------------------------------|

| System Summary | Projected | | | | | |
|---|-----------|---------|---------|---------|---------|--|
| System Summary | 2026 | 2031 | 2036 | 2046 | 2056 | |
| West Camden WRP ADWF (ML/d) | 23.1 | 24.3 | 24.5 | 24.7 | 24.8 | |
| West Camden WRP load (EP _{COD}) | 126,238 | 127,403 | 135,325 | 138,198 | 138,570 | |

| Treatment capacity constraints for 2022 – 2036 | Estimated year of exceedance | |
|---|------------------------------|--|
| Currently there are capacity constraints to service the growth in the catchment | | |
| and the transfer flow from the southwest growth area (from out of catchment) | 2023 | |
| but will be remedied with the planned and funded upgrade by 2026. | | |

Summary of servicing strategy for 2022 – 2036

New inlet works, Conversion of existing IDAL plants to MBR with capacity to treat the growth in the catchment and the temporarily transferred frow from out of catchment, upgraded biosolids dewatering and out loading facility, common site facilities upgrade. The upgraded and amplified plant will have capacity to treat the floes to the plant beyond 2036.

| Anticipated augmentation and upgrades for 2022 – 2036 | | | | | | | | |
|---|---|--------------------------------|--|--|--|--|--|--|
| Year commissioned | Description | Approximate capital cost (\$M) | Impact on servicing capacity | | | | | |
| 2026 | Treatment plant amplification upgrade: inlet works upgrade; new MBR biosolids upgrade. | 205** | Address reliability constraints and increase biosolids stabilisation capacity for servicing beyond 2030. | | | | | |

^{**} Project in progress already approved funding

Further investigations

Upgrade project is in delivery phase. Further investment may be needed if there is change in the growth forecasts or change in regulatory environment

© June 2023 Sydney Water

While Sydney Water has made every effort to provide information that is up to date, this information can be affected by many factors and is provided as a guide only. Sydney Water makes no representation, warranty, undertaking or guarantee (express or implied) that the information provided in this document is accurate, reliable or complete.

Date published: 30 June 2023