

Notes:

Major works included above are:-

- (1) Pump station upgrades required due to a combination of increased sewage loads resulting from growth and ageing infrastructure. Item includes associated rising mains.
- (2) Replace heavy pump station lids with light weight lids as part of an occupational health and safety program to reduce the risk of injuries.
- (3) Install facilities to allow the connection of a generator in the event of an extended power failure as part of the risk management programme.
This will allow the ready connection of a mobile generator in the event of a prolonged power outage reducing the risk of sewage overflows
- (4) Refurbish equipment in accordance with the asset management strategy, to ensure levels of service are maintained
- (5) Design/documentation by consultant for pump station upgrades required as a result of growth or assets nearing the end of their economic life.
- (6) Replace hardware/software supporting the telemetry system to ensure levels of service are maintained
- (7) Provide odour control facilities within the sewerage network to meet levels of service standards
- (8) Provide backup generators to manage risk of sewage overflows in accordance with the licence conditions issued by the EPA
- (9) Refurbish damaged sewers as part of asset maintenance programme
- (10) Refurbish steel effluent disposal mains which are experiencing corrosion due to deterioration of the protective wrappings.
- (11) Replace asbestos cement mains which no longer meet the defined level of service due to risk of failure
- (12) Refurbish/replace sewerage mains as part of asset maintenance programme
- (13) Fund the Warnervale Town Centre sewerage construction to facilitate development
- (14) Refurbish treatment plant facilities as part of asset maintenance programme
- (15) Augment sewage treatment works to cater for increased sewage loads resulting from growth.
- (16) Design/documentation of future treatment capacity and standards related upgrades required as a result of growth or changes in regulatory requirements
- (17) Upgrade hardware and software within the central control facility of the telemetry system to ensure the alarm and reporting functions meet the required levels of service
- (18) Provision for the replacement of office equipment and minor plant which have reached the end of their economic life
- (19) Provision of a gravity diversion of a portion of the WS9 catchment to service increased loads within the catchment
- (20) Provide odour control facilities within the sewage treatment plants to meet levels of service standards
- (21) Fund the Warnervale Employment Zone sewerage construction to facilitate development
- (22) Upgrade power supply to Scaddens Ridge communication facilities