

case study

Location:

Johannesburg, Gauteng

Customer:

City Lodge Group - City Lodge Eastgate

Industry:

Hospitality

Final water usage:

Back Up Water System

Plant information:

61KL Steel tank back up water supply system

Problem statement

The hotel required a reliable and sustainable water supply to support daily operations and ensure uninterrupted guest services.

However, inconsistent and unreliable municipal water supply from the local authority posed a significant challenge, resulting in frequent supply disruptions. To maintain operational continuity and service standards, dependable on-site water storage infrastructure was essential to ensure consistent water availability.

**Solution statement**

SewTreat designed, manufactured, and installed a fully integrated 61 kL steel backup water supply system to provide the hotel with a reliable and sustainable alternative to inconsistent municipal water supply. The system was engineered to ensure uninterrupted water availability, safeguarding daily hotel operations and maintaining guest comfort during supply outages.

The turnkey scope of work included all civil works, detailed system design, fabrication of the 61 kL steel storage tank, supply and installation of all associated pipework, pumps, and a PLC-controlled automation panel. The intelligent control system allows for efficient operation, monitoring, and protection of the equipment, ensuring long-term reliability and ease of operation.

Benefits to the customer

- ✓ Reliable Water Security
- ✓ Competitive Advantage
- ✓ Uninterrupted Operations

project photos

