



WABAG

BIO TRICKLING FILTER

Technology for a Sustainable Future

ERG

Air Pollution Control

Project:

Doha South STW

Location:

Doha South, Qatar

End-user:

Ashghal PWA

Client:

WABAG

Application:

- Treatment of H₂S
- OCU-1 capacity 47,500m³/hr
- OCU-2 capacity 40,200m³/hr
- OCU-3 capacity 182,000m³/hr
- Up to 100ppm H₂S avg,
- 175ppm H₂S max, >99.8% H₂S removal

Technology:

- OCU-1 is 2 stages. Biotrickling filters followed by carbon filter
- OCU-2 and OCU-3 are single stage carbon filters

Scope:

- Fully integrated OCU's including design, material supply and manufacturing

Year delivered:

2022

