

KWS Grampian

Kelda Water Services - Grampian

Update 23rd April 2018



2017 Nigg WwTW Activities

2017 Completed Projects

Sewage Treatment Works

- Lamella Refurbishment Program (5 tanks)
 - Security Project
 - Weather Station
 - Inlet Pool refurbished

Sludge Treatment Centre

- Gas Bag replacement
- CHP 1 Refurbishment
- Import Tank 1 & 2 clean out
- Import screen installation
- Digested Sludge Holding Tank 2, emptied
 - CAMBI Maintenance
 - Replaced media in the biogas scrubber

Operations & Maintenance

- CMMS System rolled out
- Annual review of the working plan and WML
- Working with Scottish Water to create a clear methodology for investigating pollution events
- 2 Operative Shift Cover plus Stand by arrangements



2018 Nigg WwTW Activities

2018 Completed Activities

- SSE Power shutdown
 - Improved Lamella Desludging control system
 - Centrifuge drive replacement
- Improved Lamella cleaning methodology
- Chemical dosing trials
- Lamella 5 in dedicated backwash service

Sewage Treatment Works

- Inlet Works Automation
- Lamella Snagging Works
- PACSCAN Replacement
- BAFF Plant Maintenance on CK Cells
 - BAFF Wedge Wire Screen repairs
 - BAFF Blower Replacement
- Back wash tank clean out

Sludge Treatment Centre

- DSHT 2 Civil repairs
 - DSHT 1 clean out
- Flare Stack replacement (now)
- Digester 1 Mixing system (Sept - Dec)
- Boiler replacement

Operations & Maintenance

- Continued working with Scottish Water, SEPA and our stakeholders to improve odour performance
- More planned maintenance
- Less reactionary Work

