



Cess Waste Import Point

S3

T3

Two Small Boilers

Primary Digester Tanks

Sludge Blending Tank

Sludge Import Tank

Primary Picket Fence Thickeners

Primary Sludge Buffer Tank 1

Powerhouse

Boilerhouse

Boiler Fuel Oil Day Tank

Primary Digester Tanks

Siloxane Filters

CHP Engines

Biogas Boosters

Emergency Flare

Workshop

Remote Containment

Liquor Return Pumping Station 2

Digested Sludge Buffer Tank

Cake Pad

Primary Digester Tanks

Sludge Blending Tank

Sludge Import Tank

Primary Picket Fence Thickeners

Primary Sludge Buffer Tank 1

Primary Sludge Thickening Plant

Primary Sludge Buffer Tank 2

Primary Sludge Thickening Plant

Sludge Import Point

SAS Thickening Plant

Liquor Return Pumping Station 1

SAS Buffer Tank

Cake Pad

Digested Sludge Centrifuge Dewatering

Digested Sludge Dewatering Building

Digested Sludge Buffer Tank

Secondary Digester Tanks

Sewage Works

Path

Track

KEY:

Installation Boundary

Tanks Excluded from Permit Scope

Air Emission Point

Liquor Transfer Point

Return Liquor Sampling Point

- A4 - Boiler 2a
- A5 - Boiler 2b
- A6 - Boiler 3a (new MCP)
- A7 - Boiler 3b
- A9a - CHP Engine 1
- A9b - CHP Engine 2
- A10 - Flare Stack
- A11 - Primary Digester PRV
- A12 - Primary Digester PRV
- A13 - Primary Digester PRV
- A14 - Primary Digester PRV
- A15 - Primary Digester PRV
- A16 - Primary Digester PRV
- A17 - OCU 1

T1 - Primary Sludge Thickening Liquors, SAS Thickening Liquors, Biogas Condensate, OCU Waste Water, Surface Water Run Off, Boiler Waste Water

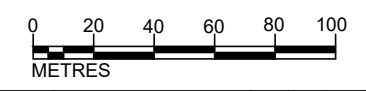
T2 - Digested Sludge Dewatering Liquors, Surface Water Run Off

T3 - Head of Works Imports

S1 - Primary Sludge Thickening Liquors, SAS Thickening Liquors, Biogas Condensate, OCU Waste Water, Surface Water Run Off, Boiler Waste Water

S2 - Digested Sludge Dewatering Liquors, Surface Water Run Off

S3 - Head of Works Imports



Rev	Rev. Date	Purpose of revision	Drawn	Checked	Rev'd	Apprv'd
P11	NOV. 2024	FOR INFORMATION	AR	MM	JK	MM
P10	FEB. 2024	FOR INFORMATION	AR	MM	JK	MM
P09	DEC. 2023	FOR INFORMATION	AR	MM	JK	MM
P08	DEC. 2023	FOR INFORMATION	AR	MM	JK	MM
P07	NOV. 2023	FOR INFORMATION	AR	MM	JK	MM



Client: Thames Water

Project: STC IED PERMIT RYE MEADS STW

Drawing title: FIGURE 2 INSTALLATION BOUNDARY AND AIR EMISSION POINTS

Drawing status: PERMITTING

Scale	1:2500 @A3	DO NOT SCALE
Jacobs No.	B22849AZ	Rev
Client no.		P11

Drawing number: B22849AZ-JAC-RMD-DR-0002

© Copyright 2020 Jacobs U.K. Limited. The concepts and information contained in this document are the property of Jacobs. Use or copying of this document in whole or in part without the written permission of Jacobs constitutes an infringement of copyright. Limitation: This drawing has been prepared on behalf of, and for the exclusive use of, Jacobs' Client, and is subject to, and issued in accordance with, the provisions of the contract between Jacobs and the Client. Jacobs accepts no liability or responsibility whatsoever for or in respect of any use of, or reliance upon, this drawing by any third party.

I:\Enviros\Design\PROJECTS\KUIB22849AZ\RYE Meads\Figures\B22849AZ-JAC-RMD-DR-0002-P11.dwg - 12/11/2024 16:28:09 - A3L_Ver1 - ALRoberts