

## A.6 Site Photographs



Cess waste Import area  
and data logger.

Imported cess is pumped  
to the main inlet of the  
works.

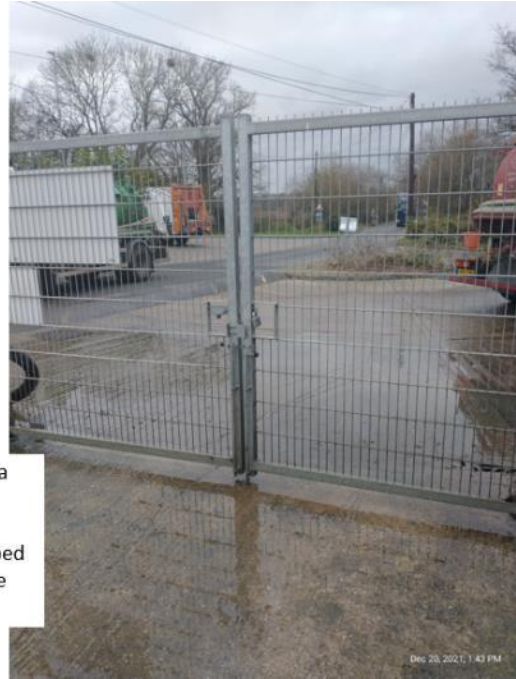


Photo of the Indigenous  
Sludge Blending Tank which  
receives thickened indigenous  
primary sludge and thickened  
SAS sludge.

These are then pumped to the  
Sludge Buffer Tank.



Sludge Import area with  
data logger and two  
import points.

Imported sludge is  
discharged into the  
Sludge Import Tank.



Photo of the THP area  
showing poly silo (left), Sludge  
Import Tank (centre  
foreground), Pre-THP  
Dewatering Feed Tank (right)  
and THP Feed Silo (centre  
background – with flag).

From the Sludge Import Tank ,  
sludges are screened and  
pumped to the Pre-THP  
Dewatering Feed Tank. They  
are then dewatered and  
pumped to the THP Feed Silo.



## Environmental Permit Variation Application - Basingstoke Sludge Treatment Centre Resubmission

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Undigested Sludge Cake can also be imported to Basingstoke via the imported Cake Import Facility.

Imported cake is fed to the THP Feed Silo.



Photo of the THP process plant behind the OCU.

Sludge is received from the THP Feed Silo and Pre-THP Dewatering Plant and subject to the THP process before being pumped to the Primary Digester Tanks.



Photo of the three  
Primary Digester Tanks on  
site.

Digested sludge is  
transferred from Primary  
Digester Tanks to the  
Digested Sludge Transfer  
Tank and then to Digested  
Sludge Buffer Tanks. Biogas  
is transferred to the Biogas  
Storage holder.



Photo of the Biogas Storage.

Biogas is used within two CHP  
engines or one boiler.



Photo of the two  
Digested Sludge  
Buffer Tanks on site.

Digested sludge is  
transferred to the  
Digested Sludge  
Dewatering Plant.



Photos of the Cake  
Barn.

Images show the  
temporary storage  
area directly  
underneath the  
dewatering  
conveyor belts  
(left) and one of  
the storage bays in  
the barn.



Photos of the Cake Pad.

There are two large bays for storage of cake.

Undigested sludge cake imports are processed via the THP plant.



Photo of the Liquor Treatment Plant (LTP) Reactor Tank. Tank receives liquors for treatment prior return to the works inlet.

