

Schematic Overview of Effluent Treatment, Thatchers Cider, Drove Way, 2022








Pond 1 – Intermediary pond
 Pond 2 – Aeration pond
 Pond 3 – Primary receptor pond (7,000m³)
 Pond 4 – Post settlement Pond

Clay-lined ponds with 1m head redundant capacity, plus area to East of pond 3 as potential spill containment.

Proposed geotechnical survey of ponds and embankments late 2022 to confirm compliance to CIRIA C736.
 Installation of ground water monitoring borehole planned late 2022.

Key

-  Sample points
-  Trickle Filters
-  Settlement Tanks
-  Discharge pump house to Wessex Water (Continuous monitoring) to Sandmead Road pumping station to WSM WRC
-  Effluent Treatment

In season

Input typical 5.5 pH, COD 8,000-9,000
 Output typical 8 pH, COD <2,000
 Maximum discharge: 1037m³/24hrs

