

**St Columb WwTW - South West Water**

**Storm Tank 11m long x 6m wide – One Number 1.5 x 1.5 CWF early Prototype on trial**



## **Menheniot WwTW ST8404 - South West Water**

**Storm Tank 8m long x 5m wide – One Number 2.5 x 1.5 CWF**

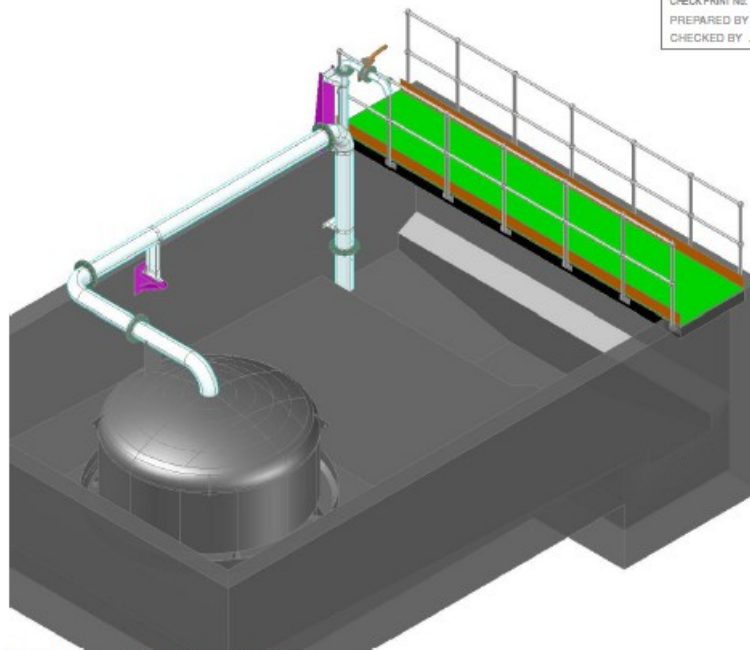


Before Flushing



After Flushing

**Menheniot WwTW ST8404 - South West Water**



CHECK PRINT No: A  
 PREPARED BY: Dinesh Pillai DATE: 23 June 2014  
 CHECKED BY: DATE: 23 June 2014

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- NOTES:**
1. ALL DIMENSIONS IN THE UNLESS STATED
  2. ALL LEVELS IN METRES UNLESS STATED
  3. DIMENSIONS BASED UPON CLIENT PROVIDED DRAWING  
 NO 2004-00000001-01
  4. THE DESIGN OF THE CWF WILL NOT PROCEED UNTIL RECEIPT OF  
 AN ORDER BASED ON THIS PRELIMINARY DRAWING.  
 AN INSTALLATION DRAWING MUST BE APPROVED BEFORE  
 THE MANUFACTURE OF THE SCREEN CAN COMMENCE.

**Port Rodie P.Stn ST6274 - Scottish Water**

**2 Storm tanks each 33m long x 9m wide – 6 Number 2m x 2m CWFs**



**Port Rodie P.Stn ST6274 - Scottish Water**



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Original Size  
**A2**

**Notes:**

1. ALL DIMENSIONS IN mm UNLESS STATED
2. ALL LEVELS IN mm AOD UNLESS STATED
3. SCREEN FITTING TO LENSING OF -1mm
4. DIA TO BE SHOWN ON FILED STATED DRILL FLUM AND 10% IN DIAM SCREEN
5. DIMENSIONS GIVEN IN FILED REFERENCE TO BE USED FOR PERFORMANCE
6. SCREEN FITTING TO BE SET TO LENGTH OF FLUM SCREEN PERFORMANCE. PLEASE CONTACT ANY CHANGES WITH HYDROK LTD.
- 7.

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Rev No:	TBC	Rev Date:	TBC
Rev Description:		Rev Description:	
Total Weight kg:		Material Weight kg:	
TBC	TBC	Material	SEE SOURCE 20462

REV	DESCRIPTION	DATE	BY	CHK	APP
01	CREATED AS PER EMAIL	08/01/11	NA	NA	08/01/11
02	DESIGN UPDATED	08/01/11	NA	NA	08/01/11
03	DESIGN UPDATED	08/01/11	NA	NA	08/01/11
04	DESIGN CHANGED AS PER EMAIL	08/01/11	NA	NA	08/01/11

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CANNON CAMPUS  
DUNDEE, SCOTLAND  
FF6 7YH  
TEL: 01382 848200  
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Location:	Location:	Checked by:	Approved by:
LOCH RYAN	LOCH RYAN	S TOMLINSON	DEAN HILL
Drawn by:	Date:	Drawn by:	Date:
NTS	22/01/11	NTS	22/01/11
Issue:	Issue:	Issue:	Issue:
NTS	ISSUED FOR APPROVAL	NTS	ISSUED FOR APPROVAL

Project Title:  
LOCH RYAN STRATEGIC SOLUTION  
PORT RODIE SST  
Hydrok UK Ltd. REF: 0000-ST6274-02

Drawing Title:  
INSTALLATION DRAWING  
FOR CWF @ INSTALLATION  
PROPOSED CSO GENERAL ARRANGEMENT

Sheet Number:	5000626401
Sheet Total:	5000626401
Drawing No.:	5000626401-SN-DRA-04-00-4003-01

## **Plains and Caldercruix Storm Tanks ST6633 - Scottish Water**

**3 Storm Tanks each 7m x 7m – Three Number 2m x 2m CWFs**

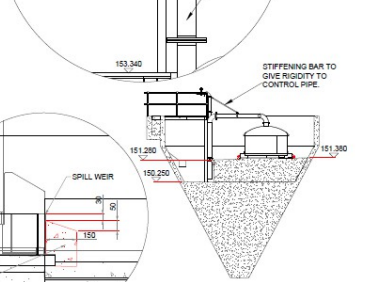
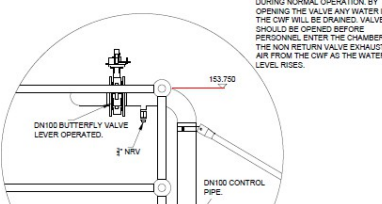
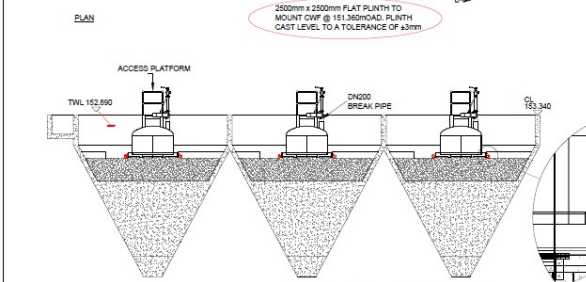
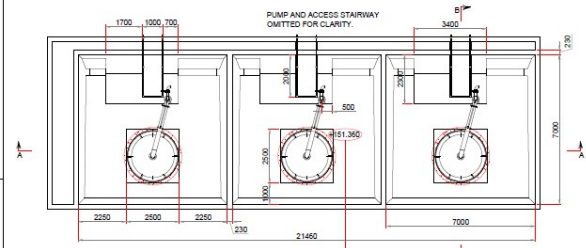
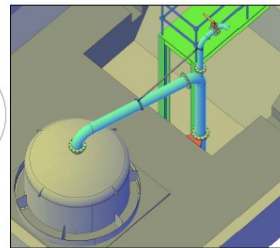
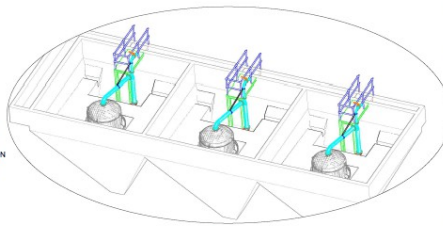


## Plains and Caldercruix Storm Tanks ST6633 - Scottish Water



CHECK PRINT No. A  
 PREPARED BY: Steve Skille DATE: 3 October 2013  
 CHECKED BY: DATE: 9 October 2013

3 OFF HYDROK (2000mm) CWF UNITS AND TRIGGER PIPE WORK. BREAK PIPE TO DRAIN INTO THE BASE OF THE SLUMP AS SHOWN. HYDROK CWF SUPPLIED IN GRADE 304 STAINLESS STEEL. ALL FLANGES ARE METRIC BACKING FLANGES DRILLED TO RH. ALL FLANGES ABOVE TWL ARE TO BE SCOTCHWOTE GREEN FUSION BONDED EPOXY COATED MILD STEEL, AND ALL FLANGES BELOW TWL ARE IN GRADE 304 STAINLESS STEEL. ALL FIXINGS AND MOUNTS ARE SUPPLIED IN STAINLESS STEEL.



THE BUTTERFLY VALVE IS CLOSED DURING NORMAL OPERATION. BY OPENING THE VALVE ANY WATER IN THE CWF WILL BE GRADED. VALVE SHOULD BE OPENED BEFORE PERSONNEL ENTER THE CHAMBER. THE NON RETURN VALVE EXHAUSTS AIR FROM THE CWF AS THE WATER LEVEL RISES.

2500mm x 2500mm FLAT PLINTH TO MOUNT CWF @ 151.360mm PLINTH CAST LEVEL TO A TOLERANCE OF ±3mm

SECTION A-A

DUE TO UNEVEN BASE SLAB HYDROK RECOMMENDS THAT MAIN CONTRACTOR ADD SEALING SURROUNDING CONCRETE AS PER DRAWING DETAIL.

SECTION B-B

Original Size A2

NOTE:  
 1. ALL DIMENSION IS IN UNLESS STATED.  
 2. ALL LEVELS IN UNLESS UNLESS STATED.  
 3. EXCEPT WHERE STATED ON CLIENT DRAWING.  
 4. DRAWING BASED UPON CLIENT REFERENCE DRAWING NO. 00000000-00-015-040-02

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ITEM NO	DESCRIPTION	QUANTITY	UNIT	STATUS
10	AS MANUFACTURED	00	00	00
20	CONCRETE SURROUND ADDED	00	00	00
30	AS MANUFACTURED	00	00	00
40	CWF UNIT	00	00	00
50	VALVE ASSEMBLY	00	00	00
60	FOR APPROVAL	00	00	00
70	FOR APPROVAL	00	00	00

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CROMWELL TECHNOLOGIES LTD.

DATE	BY	DESCRIPTION
27/01/2013	21/05/2013	21/05/2013

Project Title: PLAINS AND CALDERCRUIX SEWAGE TREATMENT WORKS  
 Hydrok UK Ltd. REF: 17661-ST6633-02

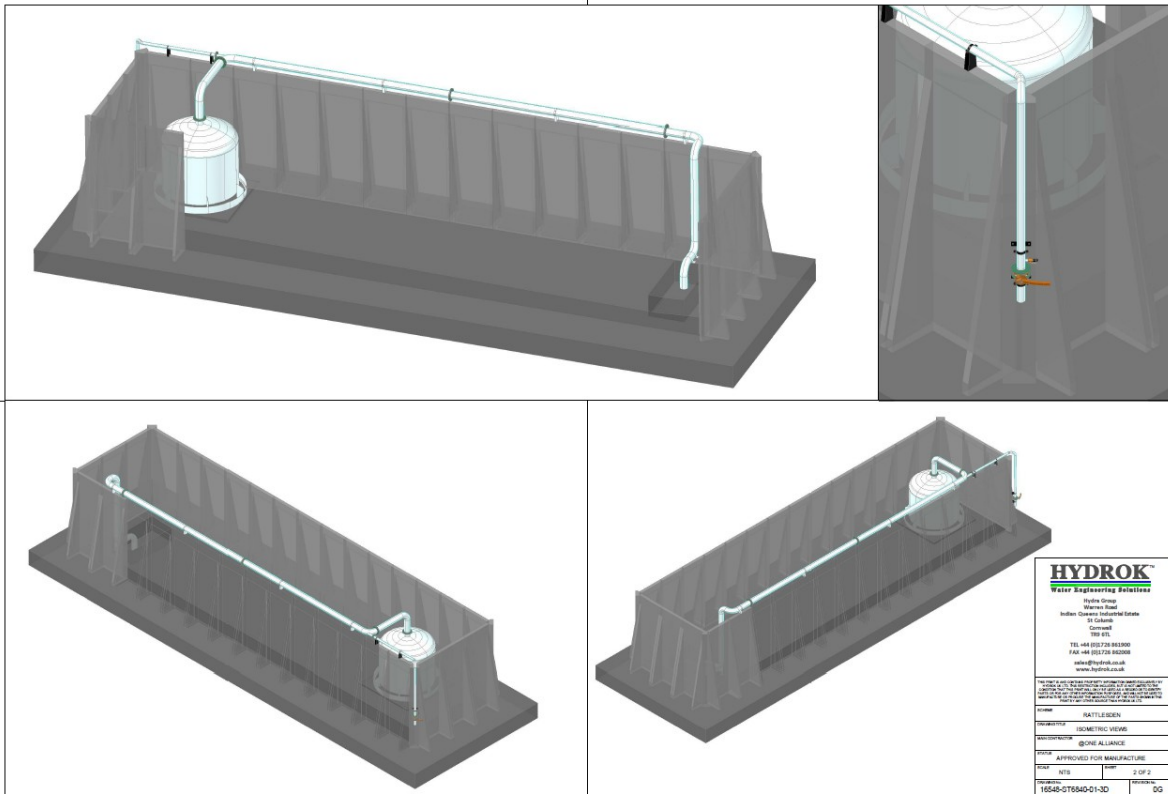
Drawing Title: INSTALLATION DRAWING FOR CWF INSTALLATION  
 CWF GENERAL ARRANGEMENT

Drawing No: 5000004557  
 Project No: ST6633-02  
 Revision No: 00000001

5000004557-SN-DR-04-00-4001-1.0

**Rattlesdon WwTW - Anglian Water**

**1 Storm Tank 4m wide x 14m long – One number 1.5m x 15m CWF**



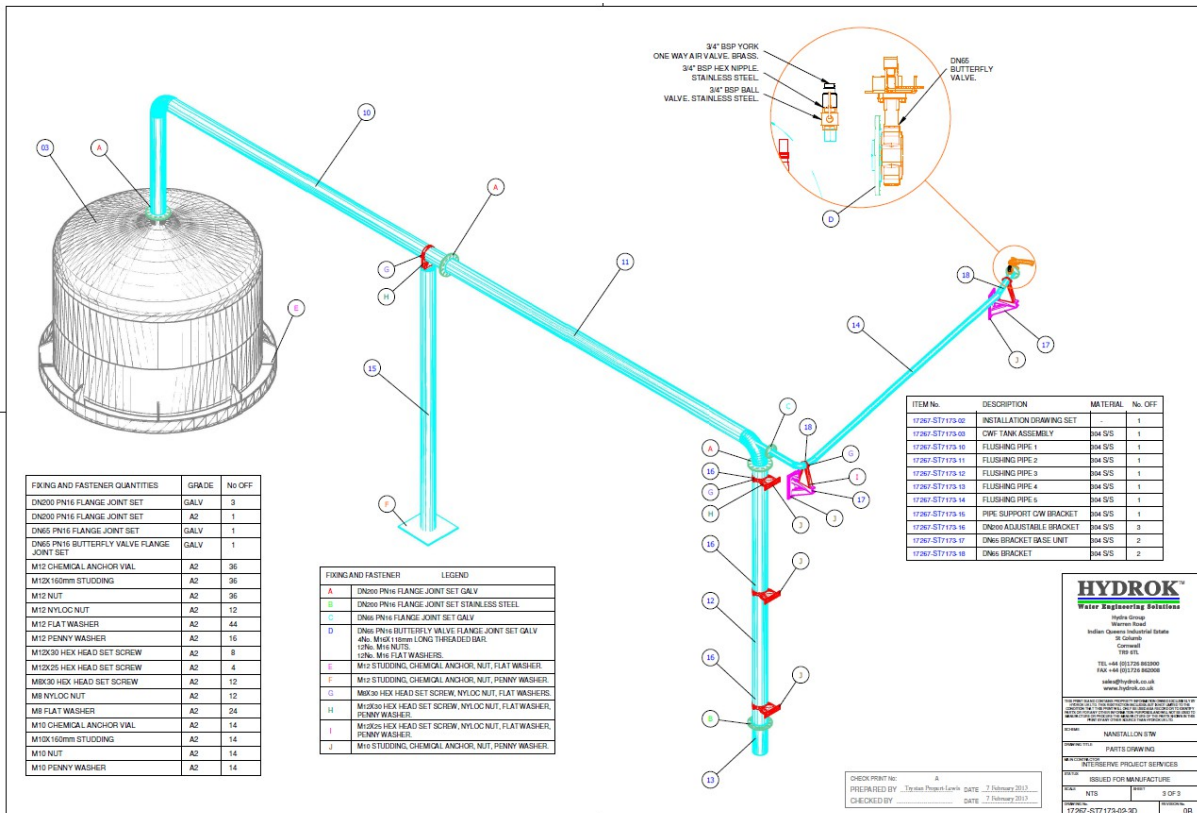
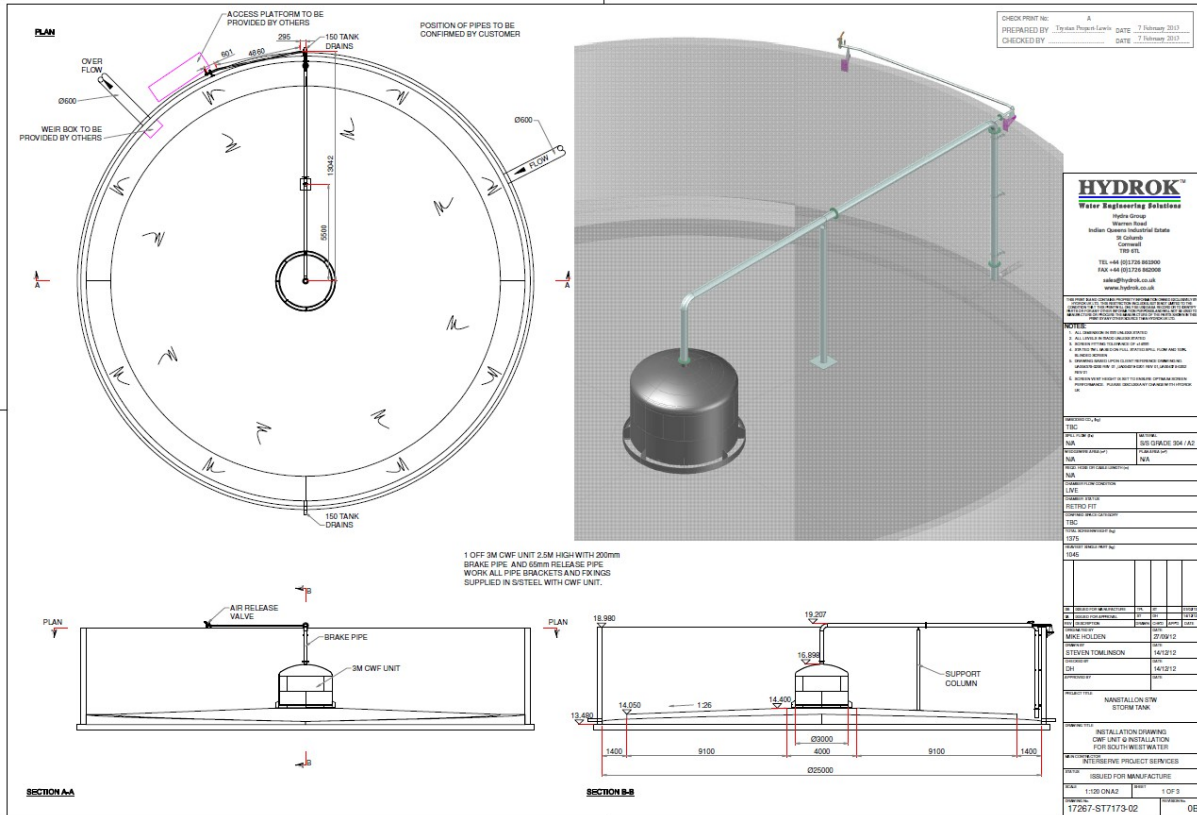


**Nanstallion WwTW ST7173 - South West Water**

**One Storm Tank 26m Diameter – One 3m x 3m CWF**

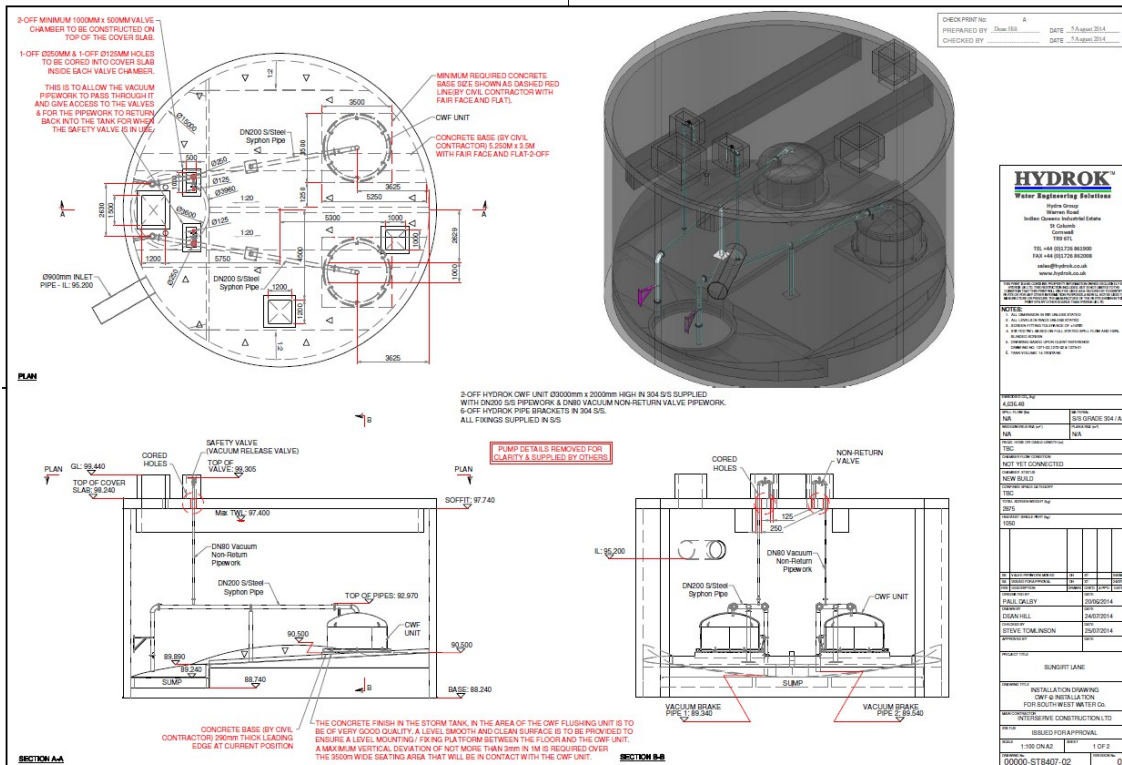


### Nanstallon WwTW ST7173 - South West Water



## Sungirt Lane Liskeard ST8407 - South West Water

### One Storm tank 15m Diameter – Two number 3m x 3m CWFs



## **Schemes on order and currently under construction**

**As of December 2014**

- ▮ **ST8536 Coomb Martin, Glen Lyn – South West Water**
  - **One 7.5m Dia Storm Tank – One Number 2m x 2m CWF**
  
- ▮ **ST8405 Modbury, Poundwell Meadow – South West Water**
  - **One 10m Dia Storm Tank – One Number 3m x 2m CWF**
  
- ▮ **ST8539 Ivybridge WwTW – South West Water**
  - **One 15m Dia Storm Tank – Two Number 3m x 2m CWFs**
  
- ▮ **ST8537 Coomb Martin, Coach Park – South West Water**
  - **One 9m Dia Storm Tank – One Number 3m x 2m CWF**
  
- ▮ **ST8538 Cockington Lane Torquay – South West Water**
  - **One 7.5m Dia Storm Tank – One Number 2m x 2m CWF**
  
- ▮ **ST8526 Abbey Park, Torquay – South West Water**
  - **One 20m Dia Storm Tank – Two Number 3m x 2m CWFs**
  
- ▮ **ST8293 Buffalo Court – United Utilities**
  - **One 23m Dia Storm Tank – One Number 3m x 3.5m high CWF**
  
- ▮ **ST8685 Eydon – Anglian Water**
  - **One 4.2m Dia Storm Tank – One Number 1m x 1.5m high CWF**
  
- ▮ **ST8864 Ranskill – Severn Trent Water**
  - **One Storm Tank 4m wide x 7m long – One Number 1.5m x 1.5m high CWF**