Market Code Schedule 14

Code Subsidiary Document No. 0201

Settlement Timetable & Reporting

Version: 1.5 ~~1.4~~

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Change History

Version Number	Date of Issue	Reason For Change	Change Control Reference	Sections Affected
1.0	14/05/2007	N/A		
1.1	31/08/2007	Go live version		
1.2	31/03/2009	Baseline the format of the Aggregated Settlement Report	MCCP016-CC	Section 2.5 & Appendix 2
		Formalise the use of the Disaggregated Settlement Report	MCCP024	Section 2.5
		Removal of nugatory obligations in CSD0201	MCCP025	Sections 2.3, 2.4.1, 3, 4 & Appendix 1
1.3	17/08/2009	Re-assessed Charges	MCCP035-CC	Appendix 2
1.4	26/08/2009	To allow additional Settlement Runs	MCCP022	Sections 2.1, 2.4, 2.5.1 and 4 Appendices 1 and 2
1.5	08/12/2009	Specification of the Disaggregated Settlement Report	MCCP036	Section 2.5.1 New Appendix 3

Table of Contents

1.   Purpose and Scope

This document describes how the CMA will produce the Settlement Timetable and describes the content of the Settlement Reports that the CMA will produce in any Year.

2. Settlement Timetable and Reporting Description

2.1 Provision of the Settlement Timetable for each Year

The CMA will provide a Settlement Timetable to all Trading Parties and Scottish Water 30 Business Days prior to the first Settlement Run (P1) of each Year. This timetable will detail the calendar dates on which the CMA will issue the Settlement Reports to Trading Parties in any Year. The various Settlements Reports that the CMA will produce are described as P1, R1, R2, R3, R4 (where applicable) and RF (which is further explained later in this document).

Appendix 1 contains an example Settlement Timetable for the Year 01/04/2008 to 31/03/2009.

2.2 Provision of the Scottish Water Data

Scottish Water will provide the CMA with the Scottish Water Data at least 20 Business Days prior to the first Settlement Run (P1) of any Year.

The CMA will make available the Scottish Water Data in order that all market participants can satisfy themselves as to its accuracy.

2.3 Deleted in Version 1.2

2.4 Settlement Run Types

The CMA will calculate the relevant Wholesale Charges payable by each Licensed Provider in respect of each Settlement Day by performing the Settlement Runs. The CMA will perform at least four Settlement Runs for each Settlement Day: P1, R1, R2, and R3, and additionally where applicable R4, and will perform the Tariff Year Settlement Run (RF) once for each Year. The CMA will report each of these Settlement Runs as follows:

- P1 – the preliminary Settlement Run(s), the Settlement Reports for which will be issued 16 Business Days before the Invoice Period in which the Settlement Day falls;
- R1 – the first Settlement Run(s), the Settlement Reports for which will be issued 2 Business Days after the end of the Invoice Period in which the Settlement Day falls;
- R2 – the second Settlement Run(s), the Settlement Reports for which will be issued 2 months after the end of the Invoice Period in which the Settlement Day falls;
- R3 – the third Settlement Run(s), the Settlement Reports for which will be issued 8 months after the end of the Invoice Period in which the Settlement Day falls;

- R4 – the fourth Settlement Run(s), the Settlement Reports for which will be issued after R3 and before RF, where applicable, and as set out in the Settlement Timetable published by the CMA; and

- RF – the, Tariff Year Settlement Run, the Settlement Reports for which will be issued 5 BD after the last third Settlement Run (R3), or (where applicable) the last fourth Settlement Run (R4) is reported for any Year.

2.4.1 Settlement Day Based Settlement Runs (P1, R1, R2, R3 and (where applicable) R4)

The CMA will capture any changes to the Registration and Volume data of a Supply Point in each Settlement Run (P1, R1, R2, R3, and (where applicable) R4) for a given Settlement Day. The report data generated by the CMA in respect of each Supply Point through each Settlement Run will therefore become progressively more accurate.

In Settlement Run P1, the CMA will calculate a forecast of the Wholesale Charges that will be payable by each Licensed Provider in respect of each Supply Point registered to it on the relevant Settlement Day.

The CMA's calculations during R1 Settlement Runs will factor in all data submitted to it relating to any changes to a Supply Point's SPID Data and/or Trading Data during the relevant Invoice Period.

The CMA's calculations during R2 Settlement Runs will factor in all new SPID Data and Trading Data submitted to it since Settlement Run R1 (particularly Meter Reads that are performed on a monthly basis).

The CMA's calculations during R3 Settlement Runs will factor in all new SPID Data and Trading Data submitted to it since Settlement Run R2 (particularly Meter Reads that are performed on a bi-annual basis).

The CMA's calculations during applicable R4 Settlement Runs will factor in all new SPID Data and Trading Data submitted to it since Settlement Run R3.

The CMA may perform further ad hoc settlement runs, as required in accordance with the Market Code.

2.4.2 Tariff Year Settlement Run (RF)

The CMA will perform the RF Settlement Run 5 BD after reporting of the last R3 Settlement Run for any Year, or after R4 where applicable. The CMA's calculations during this Settlement Run will factor in the Actual Weighted Average Unit Rate for each Supply Point to calculate the Wholesale Charges that should have been payable by each Licensed Provider over the relevant Year for volumetric charges. Further detail on this process is provided in CSD0205 (Charge Calculation, Allocation and Aggregation).

2.5 Settlement Report Content

2.5.1 Settlement Day Based Settlement Report (P1, R1, R2, R3 and where applicable R4)

The Settlement Report will comprise an aggregated Settlement Report ("the Aggregated Settlement Report") and a disaggregated Settlement Report ("the Disaggregated Settlement Report"). The Aggregated Settlement Report will provide aggregated Settlement Day charges payable in each respective Invoice Period. For the avoidance of doubt, the Aggregated Settlement Report is the report on which Wholesale Charges are based; the Disaggregated Settlement Report is provided for information only.

Each Aggregated Settlement Report will contain the following information:

- The Volume supplied by the Licensed Provider for each of the different volumetric Service Elements which it provided during the relevant Invoice Period;
- The volumetric charges payable by the Licensed Provider for each of the different volumetric Service Elements which it provided during the relevant Invoice Period;
- The total number of Settlement Days Registered for each of the different non-volumetric Service Elements which it provided during the relevant Invoice Period;
- The non-volumetric charges payable by the Licensed Provider for each of the different non-volumetric Service Elements which it provided during the relevant Invoice Period;
- The Volume supplied by the Licensed Provider for Trade Effluent Service to a Discharge Point which it provided during the relevant Invoice Period;
- The total number of Settlement Days Registered for Trade Effluent Service to a Discharge Point which it provided during the relevant Invoice Period; and
- The Trade Effluent Charge payable by the Licensed Provider for Trade Effluent Service to a Discharge Point which it provided during the relevant Invoice Period.

The detail of the Aggregated Settlement Report is set out in Appendix 2.

The Disaggregated Settlement Report provides wholesale charging information at Service Element level. For each LP, the Disaggregated Settlement Report will contain the relevant information in respect of the SPIDs for which they are the registered LP. For Scottish Water, the Disaggregated Settlement Report will contain the relevant information in respect of every SPID, but the identity of the LP will be removed. The detail of the Disaggregated Settlement Report is set out in Appendix 3.

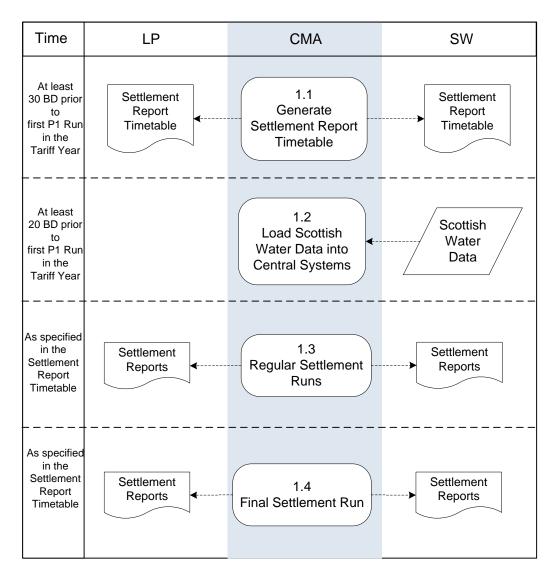## 2.5.2 Tariff Year Settlement Report (RF)

The Settlement Report will provide aggregated Settlement Day charges payable in each respective Invoice Period. The RF Settlement Report will contain the following information:

- The Volume supplied by the Licensed Provider for each of the different volumetric Service Elements which it provided during the relevant Invoice Period;

- The volumetric charges payable by the Licensed Provider for each of the different volumetric Service Elements which it provided during the relevant Invoice Period;

- The total number of Settlement Days Registered for each of the different non-volumetric Service Elements which it provided during the relevant Invoice Period;

- The non-volumetric charges payable by the Licensed Provider for each of the different non-volumetric Service Elements which it provided during the relevant Invoice Period;

- The Volume supplied by the Licensed Provider for Trade Effluent Service to a Discharge Point which it provided during the relevant Invoice Period;

- The total number of Settlement Days Registered for Trade Effluent Service to a Discharge Point which it provided during the relevant Invoice Period; and

- The Trade Effluent Charge payable by the Licensed Provider for Trade Effluent Service to a Discharge Point which it provided during the relevant Invoice Period.

3. Process Diagrams

Settlement Timetable   Updated 09 Feb 09

Time	LP	CMA	SW
At least 30 BD prior to first P1 Run in the Tariff Year	Settlement Report Timetable	1.1 Generate Settlement Report Timetable	Settlement Report Timetable
At least 20 BD prior to first P1 Run in the Tariff Year		1.2 Load Scottish Water Data into Central Systems	Scottish Water Data
As specified in the Settlement Report Timetable	Settlement Reports	1.3 Regular Settlement Runs	Settlement Reports
As specified in the Settlement Report Timetable	Settlement Reports	1.4 Final Settlement Run	Settlement Reports

4. Interface and Timetable Requirements

Step Ref	When	Requirement	From	To	Information
1.1	At least 30 Business Days prior to Settlement Run P1 run for the relevant Year	Provide Settlement Reports Timetable to all Licensed Providers and SW	CMA	LPs; SW	Settlement Reports Timetable for all Settlement Reports to be provided in the forthcoming Year.
1.2	At least 20 Business Days before Settlement Run P1 of the relevant Year	Scottish Water to provide the Scottish Water Data to the CMA for the relevant Year	SW	CMA	Scottish Water Data provided and made available to the Licensed Providers.
1.3	As specified in the Settlement Reports Timetable.	Regular Settlement Runs. P1 – Preliminary R1 – Run 1 R2 – Run 2 R3 – Run 3 R4 – Run 4	CMA	SW; LPs	Settlement Reports
1.4	As specified in the Settlement Reports Timetable.	RF Settlement Run	CMA	SW, LPs	Settlement Reports

Appendix 1: Example Settlement Timetable

The following timetable has been created assuming the ongoing position, with the Financial Year running from 01/04/08 to 31/03/09 and Invoice Periods being calendar months.

Settlement Type	
P1	Preliminary Run (reported each Invoice Period, Monthly) 16 BD prior to the start of the month
R1	Run 1, reported monthly 2 BD after the end of the Invoice Month
R2	Run 2, reported monthly 2 months after Run 1 for the Invoice Month
R3	Run 3 reported monthly 6 months after Run 2 for the Invoice Month
R4	Run 4, where applicable, reported after Run 3 for the Invoice Month and before RF
RF	Final Run, Reported 5 Business Days after the last R3 Report, or R4 where applicable, for the Tariff Year (run once each Year)

date	day	Event / Settlement Report
01/01/2008	Tuesday	New Years Day
02/01/2008	Wednesday	2nd January
03/01/2008	Thursday	
04/01/2008	Friday	
05/01/2008	Saturday	
06/01/2008	Sunday	
07/01/2008	Monday	
08/01/2008	Tuesday	
09/01/2008	Wednesday	
10/01/2008	Thursday	
11/01/2008	Friday	
12/01/2008	Saturday	
13/01/2008	Sunday	
14/01/2008	Monday	
15/01/2008	Tuesday	
16/01/2008	Wednesday	
17/01/2008	Thursday	
18/01/2008	Friday	
19/01/2008	Saturday	
20/01/2008	Sunday	
21/01/2008	Monday	
22/01/2008	Tuesday	
23/01/2008	Wednesday	
24/01/2008	Thursday	
25/01/2008	Friday	
26/01/2008	Saturday	
27/01/2008	Sunday	
28/01/2008	Monday	CMA to issue Settlement Timetable Calendar for 2008/9 to SW and all Licensed Providers
29/01/2008	Tuesday	
30/01/2008	Wednesday	
31/01/2008	Thursday	
01/02/2008	Friday	

02/02/2008	Saturday	
03/02/2008	Sunday	
04/02/2008	Monday	
05/02/2008	Tuesday	
06/02/2008	Wednesday	
07/02/2008	Thursday	
08/02/2008	Friday	
09/02/2008	Saturday	
10/02/2008	Sunday	
11/02/2008	Monday	Scottish Water Data Applicable to the Year 2008/9 last day for delivery from SW to CMA
12/02/2008	Tuesday	
13/02/2008	Wednesday	
14/02/2008	Thursday	
15/02/2008	Friday	
16/02/2008	Saturday	
17/02/2008	Sunday	
18/02/2008	Monday	
19/02/2008	Tuesday	
20/02/2008	Wednesday	
21/02/2008	Thursday	
22/02/2008	Friday	
23/02/2008	Saturday	
24/02/2008	Sunday	
25/02/2008	Monday	
26/02/2008	Tuesday	
27/02/2008	Wednesday	
28/02/2008	Thursday	
29/02/2008	Friday	
01/03/2008	Saturday	
02/03/2008	Sunday	
03/03/2008	Monday	
04/03/2008	Tuesday	
05/03/2008	Wednesday	
06/03/2008	Thursday	
07/03/2008	Friday	
08/03/2008	Saturday	
09/03/2008	Sunday	
10/03/2008	Monday	P1 run for April 2008 - 16 BD before start of the Invoice Period
11/03/2008	Tuesday	
12/03/2008	Wednesday	
13/03/2008	Thursday	
14/03/2008	Friday	
15/03/2008	Saturday	
16/03/2008	Sunday	
17/03/2008	Monday	
18/03/2008	Tuesday	
19/03/2008	Wednesday	
20/03/2008	Thursday	
21/03/2008	Friday	Good Friday
22/03/2008	Saturday	
23/03/2008	Sunday	

24/03/2008	Monday	Easter Monday
25/03/2008	Tuesday	
26/03/2008	Wednesday	
27/03/2008	Thursday	
28/03/2008	Friday	
29/03/2008	Saturday	
30/03/2008	Sunday	
31/03/2008	Monday	
01/04/2008	Tuesday	Start of Year 2008/9
02/04/2008	Wednesday	
03/04/2008	Thursday	
04/04/2008	Friday	
05/04/2008	Saturday	
06/04/2008	Sunday	
07/04/2008	Monday	
08/04/2008	Tuesday	
09/04/2008	Wednesday	P1 run for May 2008 - 16 BD before start of the Invoice Period
10/04/2008	Thursday	
11/04/2008	Friday	
12/04/2008	Saturday	
13/04/2008	Sunday	
14/04/2008	Monday	
15/04/2008	Tuesday	
16/04/2008	Wednesday	
17/04/2008	Thursday	
18/04/2008	Friday	
19/04/2008	Saturday	
20/04/2008	Sunday	
21/04/2008	Monday	
22/04/2008	Tuesday	
23/04/2008	Wednesday	
24/04/2008	Thursday	
25/04/2008	Friday	
26/04/2008	Saturday	
27/04/2008	Sunday	
28/04/2008	Monday	
29/04/2008	Tuesday	
30/04/2008	Wednesday	
01/05/2008	Thursday	
02/05/2008	Friday	R1 run for April 2008 - 2 BD after end of the Invoice Period
03/05/2008	Saturday	
04/05/2008	Sunday	
05/05/2008	Monday	Early May Bank Holiday
06/05/2008	Tuesday	
07/05/2008	Wednesday	
08/05/2008	Thursday	P1 run for June 2008 - 16 BD before start of the Invoice Period
09/05/2008	Friday	
10/05/2008	Saturday	
11/05/2008	Sunday	
12/05/2008	Monday	
13/05/2008	Tuesday	

14/05/2008	Wednesday	
15/05/2008	Thursday	
16/05/2008	Friday	
17/05/2008	Saturday	
18/05/2008	Sunday	
19/05/2008	Monday	
20/05/2008	Tuesday	
21/05/2008	Wednesday	
22/05/2008	Thursday	
23/05/2008	Friday	
24/05/2008	Saturday	
25/05/2008	Sunday	
26/05/2008	Monday	Spring Bank Holiday
27/05/2008	Tuesday	
28/05/2008	Wednesday	
29/05/2008	Thursday	
30/05/2008	Friday	
31/05/2008	Saturday	
01/06/2008	Sunday	
02/06/2008	Monday	
03/06/2008	Tuesday	R1 run for May 2008 - 2 BD after end of the Invoice Period
04/06/2008	Wednesday	
05/06/2008	Thursday	
06/06/2008	Friday	
07/06/2008	Saturday	
08/06/2008	Sunday	
09/06/2008	Monday	P1 run for July 2008 - 16 BD before start of the Invoice Period
10/06/2008	Tuesday	
11/06/2008	Wednesday	
12/06/2008	Thursday	
13/06/2008	Friday	
14/06/2008	Saturday	
15/06/2008	Sunday	
16/06/2008	Monday	
17/06/2008	Tuesday	
18/06/2008	Wednesday	
19/06/2008	Thursday	
20/06/2008	Friday	
21/06/2008	Saturday	
22/06/2008	Sunday	
23/06/2008	Monday	
24/06/2008	Tuesday	
25/06/2008	Wednesday	
26/06/2008	Thursday	
27/06/2008	Friday	
28/06/2008	Saturday	
29/06/2008	Sunday	
30/06/2008	Monday	
01/07/2008	Tuesday	
02/07/2008	Wednesday	R1 run for June 2008 - 2 BD after end of the Invoice Period
		R2 run for April 2008 - 2 Months after R1
03/07/2008	Thursday	

04/07/2008	Friday	
05/07/2008	Saturday	
06/07/2008	Sunday	
07/07/2008	Monday	
08/07/2008	Tuesday	
09/07/2008	Wednesday	
10/07/2008	Thursday	P1 run for August 2008 - 16 BD before start of the Invoice Period
11/07/2008	Friday	
12/07/2008	Saturday	
13/07/2008	Sunday	
14/07/2008	Monday	
15/07/2008	Tuesday	
16/07/2008	Wednesday	
17/07/2008	Thursday	
18/07/2008	Friday	
19/07/2008	Saturday	
20/07/2008	Sunday	
21/07/2008	Monday	
22/07/2008	Tuesday	
23/07/2008	Wednesday	
24/07/2008	Thursday	
25/07/2008	Friday	
26/07/2008	Saturday	
27/07/2008	Sunday	
28/07/2008	Monday	
29/07/2008	Tuesday	
30/07/2008	Wednesday	
31/07/2008	Thursday	
01/08/2008	Friday	
02/08/2008	Saturday	
03/08/2008	Sunday	
04/08/2008	Monday	Summer Bank Holiday
05/08/2008	Tuesday	R1 run for July 2008 - 2 BD after end of the Invoice Period
06/08/2008	Wednesday	R2 run for May 2008 - 2 Months after R1
07/08/2008	Thursday	
08/08/2008	Friday	P1 run for September 2008 - 16 BD before start of the Invoice Period
09/08/2008	Saturday	
10/08/2008	Sunday	
11/08/2008	Monday	
12/08/2008	Tuesday	
13/08/2008	Wednesday	
14/08/2008	Thursday	
15/08/2008	Friday	
16/08/2008	Saturday	
17/08/2008	Sunday	
18/08/2008	Monday	
19/08/2008	Tuesday	
20/08/2008	Wednesday	
21/08/2008	Thursday	

22/08/2008	Friday	
23/08/2008	Saturday	
24/08/2008	Sunday	
25/08/2008	Monday	
26/08/2008	Tuesday	
27/08/2008	Wednesday	
28/08/2008	Thursday	
29/08/2008	Friday	
30/08/2008	Saturday	
31/08/2008	Sunday	
01/09/2008	Monday	
02/09/2008	Tuesday	R1 run for August 2008 - 2 BD after end of the Invoice Period
		R2 run for June 2008 - 2 Months after R1
03/09/2008	Wednesday	
04/09/2008	Thursday	
05/09/2008	Friday	
06/09/2008	Saturday	
07/09/2008	Sunday	
08/09/2008	Monday	
09/09/2008	Tuesday	P1 run for October 2008 - 16 BD before start of the Invoice Period
10/09/2008	Wednesday	
11/09/2008	Thursday	
12/09/2008	Friday	
13/09/2008	Saturday	
14/09/2008	Sunday	
15/09/2008	Monday	
16/09/2008	Tuesday	
17/09/2008	Wednesday	
18/09/2008	Thursday	
19/09/2008	Friday	
20/09/2008	Saturday	
21/09/2008	Sunday	
22/09/2008	Monday	
23/09/2008	Tuesday	
24/09/2008	Wednesday	
25/09/2008	Thursday	
26/09/2008	Friday	
27/09/2008	Saturday	
28/09/2008	Sunday	
29/09/2008	Monday	
30/09/2008	Tuesday	
01/10/2008	Wednesday	
02/10/2008	Thursday	R1 run for September 2008 - 2 BD after end of the Invoice Period
03/10/2008	Friday	
04/10/2008	Saturday	
05/10/2008	Sunday	
06/10/2008	Monday	R2 run for July 2008 - 2 Months after R1
07/10/2008	Tuesday	
08/10/2008	Wednesday	
09/10/2008	Thursday	

10/10/2008	Friday	P1 run for November 2008 - 16 BD before start of the Invoice Period
11/10/2008	Saturday	
12/10/2008	Sunday	
13/10/2008	Monday	
14/10/2008	Tuesday	
15/10/2008	Wednesday	
16/10/2008	Thursday	
17/10/2008	Friday	
18/10/2008	Saturday	
19/10/2008	Sunday	
20/10/2008	Monday	
21/10/2008	Tuesday	
22/10/2008	Wednesday	
23/10/2008	Thursday	
24/10/2008	Friday	
25/10/2008	Saturday	
26/10/2008	Sunday	
27/10/2008	Monday	
28/10/2008	Tuesday	
29/10/2008	Wednesday	
30/10/2008	Thursday	
31/10/2008	Friday	
01/11/2008	Saturday	
02/11/2008	Sunday	
03/11/2008	Monday	
04/11/2008	Tuesday	R1 run for October 2008 - 2 BD after end of the Invoice Period
05/11/2008	Wednesday	R2 run for August 2008 - 2 Months after R1
06/11/2008	Thursday	
07/11/2008	Friday	P1 run for December 2008 - 16 BD before start of the Invoice Period
08/11/2008	Saturday	
09/11/2008	Sunday	
10/11/2008	Monday	
11/11/2008	Tuesday	
12/11/2008	Wednesday	
13/11/2008	Thursday	
14/11/2008	Friday	
15/11/2008	Saturday	
16/11/2008	Sunday	
17/11/2008	Monday	
18/11/2008	Tuesday	
19/11/2008	Wednesday	
20/11/2008	Thursday	
21/11/2008	Friday	
22/11/2008	Saturday	
23/11/2008	Sunday	
24/11/2008	Monday	
25/11/2008	Tuesday	
26/11/2008	Wednesday	
27/11/2008	Thursday	
28/11/2008	Friday	

29/11/2008	Saturday	
30/11/2008	Sunday	
01/12/2008	Monday	
02/12/2008	Tuesday	R1 run for November 2008 - 2 BD after end of the Invoice Period
		R2 run for September 2008 - 2 Months after R1
03/12/2008	Wednesday	
04/12/2008	Thursday	
05/12/2008	Friday	
06/12/2008	Saturday	
07/12/2008	Sunday	
08/12/2008	Monday	P1 run for January 2009 - 16 BD before start of the Invoice Period
09/12/2008	Tuesday	
10/12/2008	Wednesday	
11/12/2008	Thursday	
12/12/2008	Friday	
13/12/2008	Saturday	
14/12/2008	Sunday	
15/12/2008	Monday	
16/12/2008	Tuesday	
17/12/2008	Wednesday	
18/12/2008	Thursday	
19/12/2008	Friday	
20/12/2008	Saturday	
21/12/2008	Sunday	
22/12/2008	Monday	
23/12/2008	Tuesday	
24/12/2008	Wednesday	
25/12/2008	Thursday	Christmas Day
26/12/2008	Friday	Boxing Day
27/12/2008	Saturday	
28/12/2008	Sunday	
29/12/2008	Monday	
30/12/2008	Tuesday	
31/12/2008	Wednesday	
01/01/2009	Thursday	New Years Day
02/01/2009	Friday	2nd January
03/01/2009	Saturday	
04/01/2009	Sunday	
05/01/2009	Monday	R3 run for April 2008 - 6 Months after R2
06/01/2009	Tuesday	R1 run for December 2008 - 2 BD after end of the Invoice Period
07/01/2009	Wednesday	R2 run for October 2008 - 2 Months after R1
08/01/2009	Thursday	
09/01/2009	Friday	P1 run for February 2009 - 16 BD before start of the Invoice Period
10/01/2009	Saturday	
11/01/2009	Sunday	
12/01/2009	Monday	
13/01/2009	Tuesday	
14/01/2009	Wednesday	

15/01/2009	Thursday	
16/01/2009	Friday	
17/01/2009	Saturday	
18/01/2009	Sunday	
19/01/2009	Monday	
20/01/2009	Tuesday	
21/01/2009	Wednesday	
22/01/2009	Thursday	
23/01/2009	Friday	
24/01/2009	Saturday	
25/01/2009	Sunday	
26/01/2009	Monday	
27/01/2009	Tuesday	CMA to issue Settlement Timetable Calendar for 2009/10 to SW and all Licensed Providers
28/01/2009	Wednesday	
29/01/2009	Thursday	
30/01/2009	Friday	
31/01/2009	Saturday	
01/02/2009	Sunday	
02/02/2009	Monday	R2 run for November 2008 - 2 Months after R1
03/02/2009	Tuesday	R1 run for January 2009 - 2 BD after end of the Invoice Period
04/02/2009	Wednesday	
05/02/2009	Thursday	
06/02/2009	Friday	R3 run for May 2008 - 6 Months after R2
		P1 run for March 2009 - 16 BD before start of the Invoice Period
07/02/2009	Saturday	
08/02/2009	Sunday	
09/02/2009	Monday	
10/02/2009	Tuesday	Scottish Water Data Applicable to Tariff Year 2009/10 last day for delivery from SW to CMA
11/02/2009	Wednesday	
12/02/2009	Thursday	
13/02/2009	Friday	
14/02/2009	Saturday	
15/02/2009	Sunday	
16/02/2009	Monday	
17/02/2009	Tuesday	
18/02/2009	Wednesday	
19/02/2009	Thursday	
20/02/2009	Friday	
21/02/2009	Saturday	
22/02/2009	Sunday	
23/02/2009	Monday	
24/02/2009	Tuesday	
25/02/2009	Wednesday	
26/02/2009	Thursday	
27/02/2009	Friday	
28/02/2009	Saturday	
01/03/2009	Sunday	
02/03/2009	Monday	R3 run for June 2008 - 6 Months after R2

03/03/2009	Tuesday	R1 run for February 2009 - 2 BD after end of the Invoice Period
04/03/2009	Wednesday	
05/03/2009	Thursday	
06/03/2009	Friday	R2 run for December 2008 - 2 Months after R1
07/03/2009	Saturday	
08/03/2009	Sunday	
09/03/2009	Monday	
10/03/2009	Tuesday	P1 run for April 2009 - 16 BD before start of the Invoice Period
11/03/2009	Wednesday	
12/03/2009	Thursday	
13/03/2009	Friday	
14/03/2009	Saturday	
15/03/2009	Sunday	
16/03/2009	Monday	
17/03/2009	Tuesday	
18/03/2009	Wednesday	
19/03/2009	Thursday	
20/03/2009	Friday	
21/03/2009	Saturday	
22/03/2009	Sunday	
23/03/2009	Monday	
24/03/2009	Tuesday	
25/03/2009	Wednesday	
26/03/2009	Thursday	
27/03/2009	Friday	
28/03/2009	Saturday	
29/03/2009	Sunday	
30/03/2009	Monday	
31/03/2009	Tuesday	
01/04/2009	Wednesday	
02/04/2009	Thursday	R1 run for March 2009 - 2 BD after end of the Invoice Period
03/04/2009	Friday	R2 run for January 2009 - 2 Months after R1
04/04/2009	Saturday	
05/04/2009	Sunday	
06/04/2009	Monday	R3 run for July 2008 - 6 Months after R2
07/04/2009	Tuesday	
08/04/2009	Wednesday	P1 run for May 2009 - 16 BD before start of the Invoice Period
09/04/2009	Thursday	
10/04/2009	Friday	Good Friday
11/04/2009	Saturday	
12/04/2009	Sunday	
13/04/2009	Monday	Easter Monday
14/04/2009	Tuesday	
15/04/2009	Wednesday	
16/04/2009	Thursday	
17/04/2009	Friday	
18/04/2009	Saturday	
19/04/2009	Sunday	
20/04/2009	Monday	

Date	Day	Event
21/04/2009	Tuesday	
22/04/2009	Wednesday	
23/04/2009	Thursday	
24/04/2009	Friday	
25/04/2009	Saturday	
26/04/2009	Sunday	
27/04/2009	Monday	
28/04/2009	Tuesday	
29/04/2009	Wednesday	
30/04/2009	Thursday	
01/05/2009	Friday	
02/05/2009	Saturday	
03/05/2009	Sunday	
04/05/2009	Monday	Early May Bank Holiday
05/05/2009	Tuesday	R3 run for August 2008 - 6 Months after R2
		R1 run for April 2009 - 2 BD after end of the Invoice Period
		R2 run for February 2009 - 2 Months after R1
06/05/2009	Wednesday	
07/05/2009	Thursday	P1 run for June 2009 - 16 BD before start of the Invoice Period
08/05/2009	Friday	
09/05/2009	Saturday	
10/05/2009	Sunday	
11/05/2009	Monday	
12/05/2009	Tuesday	
13/05/2009	Wednesday	
14/05/2009	Thursday	
15/05/2009	Friday	
16/05/2009	Saturday	
17/05/2009	Sunday	
18/05/2009	Monday	
19/05/2009	Tuesday	
20/05/2009	Wednesday	
21/05/2009	Thursday	
22/05/2009	Friday	
23/05/2009	Saturday	
24/05/2009	Sunday	
25/05/2009	Monday	Spring Bank Holiday
26/05/2009	Tuesday	
27/05/2009	Wednesday	
28/05/2009	Thursday	
29/05/2009	Friday	
30/05/2009	Saturday	
31/05/2009	Sunday	
01/06/2009	Monday	
02/06/2009	Tuesday	R3 run for September 2008 - 6 Months after R2
		R1 run for May 2009 - 2 BD after end of the Invoice Period
		R2 run for March 2009 - 2 Months after R1
03/06/2009	Wednesday	
04/06/2009	Thursday	
05/06/2009	Friday	
06/06/2009	Saturday	

07/06/2009	Sunday	
08/06/2009	Monday	
09/06/2009	Tuesday	P1 run for July 2009 - 16 BD before start of the Invoice Period
10/06/2009	Wednesday	
11/06/2009	Thursday	
12/06/2009	Friday	
13/06/2009	Saturday	
14/06/2009	Sunday	
15/06/2009	Monday	
16/06/2009	Tuesday	
17/06/2009	Wednesday	
18/06/2009	Thursday	
19/06/2009	Friday	
20/06/2009	Saturday	
21/06/2009	Sunday	
22/06/2009	Monday	
23/06/2009	Tuesday	
24/06/2009	Wednesday	
25/06/2009	Thursday	
26/06/2009	Friday	
27/06/2009	Saturday	
28/06/2009	Sunday	
29/06/2009	Monday	
30/06/2009	Tuesday	
01/07/2009	Wednesday	
02/07/2009	Thursday	R1 run for June 2009 - 2 BD after end of the Invoice Period
03/07/2009	Friday	
04/07/2009	Saturday	
05/07/2009	Sunday	
06/07/2009	Monday	R2 run for April 2009 - 2 Months after R1
07/07/2009	Tuesday	R3 run for October 2008 - 6 Months after R2
08/07/2009	Wednesday	
09/07/2009	Thursday	
10/07/2009	Friday	P1 run for August 2009 - 16 BD before start of the Invoice Period
11/07/2009	Saturday	
12/07/2009	Sunday	
13/07/2009	Monday	
14/07/2009	Tuesday	
15/07/2009	Wednesday	
16/07/2009	Thursday	
17/07/2009	Friday	
18/07/2009	Saturday	
19/07/2009	Sunday	
20/07/2009	Monday	
21/07/2009	Tuesday	
22/07/2009	Wednesday	
23/07/2009	Thursday	
24/07/2009	Friday	
25/07/2009	Saturday	
26/07/2009	Sunday	
27/07/2009	Monday	

Date	Day	Description
28/07/2009	Tuesday	
29/07/2009	Wednesday	
30/07/2009	Thursday	
31/07/2009	Friday	
01/08/2009	Saturday	
02/08/2009	Sunday	
03/08/2009	Monday	Summer Bank Holiday
04/08/2009	Tuesday	R3 run for November 2008 - 6 Months after R2
		R2 run for May 2009 - 2 Months after R1
05/08/2009	Wednesday	R1 run for July 2009 - 2 BD after end of the Invoice Period
06/08/2009	Thursday	
07/08/2009	Friday	
08/08/2009	Saturday	
09/08/2009	Sunday	
10/08/2009	Monday	P1 run for September 2009 - 16 BD before start of the Invoice Period
11/08/2009	Tuesday	
12/08/2009	Wednesday	
13/08/2009	Thursday	
14/08/2009	Friday	
15/08/2009	Saturday	
16/08/2009	Sunday	
17/08/2009	Monday	
18/08/2009	Tuesday	
19/08/2009	Wednesday	
20/08/2009	Thursday	
21/08/2009	Friday	
22/08/2009	Saturday	
23/08/2009	Sunday	
24/08/2009	Monday	
25/08/2009	Tuesday	
26/08/2009	Wednesday	
27/08/2009	Thursday	
28/08/2009	Friday	
29/08/2009	Saturday	
30/08/2009	Sunday	
31/08/2009	Monday	
01/09/2009	Tuesday	
02/09/2009	Wednesday	R1 run for August 2009 - 2 BD after end of the Invoice Period
		R2 run for June 2009 - 2 Months after R1
03/09/2009	Thursday	
04/09/2009	Friday	
05/09/2009	Saturday	
06/09/2009	Sunday	
07/09/2009	Monday	R3 run for December 2008 - 6 Months after R2
08/09/2009	Tuesday	
09/09/2009	Wednesday	P1 run for October 2009 - 16 BD before start of the Invoice Period
10/09/2009	Thursday	
11/09/2009	Friday	
12/09/2009	Saturday	
13/09/2009	Sunday	

Date	Day	Description
14/09/2009	Monday	
15/09/2009	Tuesday	
16/09/2009	Wednesday	
17/09/2009	Thursday	
18/09/2009	Friday	
19/09/2009	Saturday	
20/09/2009	Sunday	
21/09/2009	Monday	
22/09/2009	Tuesday	
23/09/2009	Wednesday	
24/09/2009	Thursday	
25/09/2009	Friday	
26/09/2009	Saturday	
27/09/2009	Sunday	
28/09/2009	Monday	
29/09/2009	Tuesday	
30/09/2009	Wednesday	
01/10/2009	Thursday	
02/10/2009	Friday	R1 run for September 2009 - 2 BD after end of the Invoice Period
03/10/2009	Saturday	
04/10/2009	Sunday	
05/10/2009	Monday	R2 run for July 2009 - 2 Months after R1
06/10/2009	Tuesday	R3 run for January 2009 - 6 Months after R2
07/10/2009	Wednesday	
08/10/2009	Thursday	
09/10/2009	Friday	P1 run for November 2009 - 16 BD before start of the Invoice Period
10/10/2009	Saturday	
11/10/2009	Sunday	
12/10/2009	Monday	
13/10/2009	Tuesday	
14/10/2009	Wednesday	
15/10/2009	Thursday	
16/10/2009	Friday	
17/10/2009	Saturday	
18/10/2009	Sunday	
19/10/2009	Monday	
20/10/2009	Tuesday	
21/10/2009	Wednesday	
22/10/2009	Thursday	
23/10/2009	Friday	
24/10/2009	Saturday	
25/10/2009	Sunday	
26/10/2009	Monday	
27/10/2009	Tuesday	
28/10/2009	Wednesday	
29/10/2009	Thursday	
30/10/2009	Friday	
31/10/2009	Saturday	
01/11/2009	Sunday	
02/11/2009	Monday	R2 run for August 2009 - 2 Months after R1

03/11/2009	Tuesday	R1 run for October 2009 - 2 BD after end of the Invoice Period
04/11/2009	Wednesday	
05/11/2009	Thursday	R3 run for February 2009 - 6 Months after R2
06/11/2009	Friday	
07/11/2009	Saturday	
08/11/2009	Sunday	
09/11/2009	Monday	P1 run for December 2009 - 16 BD before start of the Invoice Period
10/11/2009	Tuesday	
11/11/2009	Wednesday	
12/11/2009	Thursday	
13/11/2009	Friday	
14/11/2009	Saturday	
15/11/2009	Sunday	
16/11/2009	Monday	
17/11/2009	Tuesday	
18/11/2009	Wednesday	
19/11/2009	Thursday	
20/11/2009	Friday	
21/11/2009	Saturday	
22/11/2009	Sunday	
23/11/2009	Monday	
24/11/2009	Tuesday	
25/11/2009	Wednesday	
26/11/2009	Thursday	
27/11/2009	Friday	
28/11/2009	Saturday	
29/11/2009	Sunday	
30/11/2009	Monday	
01/12/2009	Tuesday	
02/12/2009	Wednesday	R3 run for March 2009 - 6 Months after R2
		R2 run for September 2009 - 2 Months after R1
		R1 run for November 2009 - 2 BD after end of the Invoice Period
03/12/2009	Thursday	
04/12/2009	Friday	
05/12/2009	Saturday	
06/12/2009	Sunday	
07/12/2009	Monday	
08/12/2009	Tuesday	P1 run for January 2010 - 16 BD before start of the Invoice Period
09/12/2009	Wednesday	RF run for Tariff Year 01/04/2008 - 31/03/2009 Final Actual Settlement Run 8 months after end of Tariff Year
10/12/2009	Thursday	
11/12/2009	Friday	
12/12/2009	Saturday	
13/12/2009	Sunday	
14/12/2009	Monday	
15/12/2009	Tuesday	
16/12/2009	Wednesday	
17/12/2009	Thursday	
18/12/2009	Friday	

19/12/2009	Saturday	
20/12/2009	Sunday	
21/12/2009	Monday	
22/12/2009	Tuesday	
23/12/2009	Wednesday	
24/12/2009	Thursday	
25/12/2009	Friday	Christmas Day
26/12/2009	Saturday	
27/12/2009	Sunday	
28/12/2009	Monday	Boxing Day
29/12/2009	Tuesday	
30/12/2009	Wednesday	
31/12/2009	Thursday	

Appendix 2: Aggregated Settlement Report

This appendix sets out the format and detailed content of the Settlement Report for the Settlement Runs (P1-R3 and R4 (where applicable)):

- Section APP 2.1 defines the Comma Separated Variable record layout by the use of an example report;
- Section APP 2.2 defines the various header and trailer records contained within a file; and
- Sections APP 2.3 to APP 2.7 provide a description of the data and its numerical derivation.

APP 2.1: Record Layout

The output file is a CSV with four columns and is structured as follows:

- Each file has 5 header rows shown in the example below as H1=>H5. The date format in H4 is as shown in the example;
- There is a separate block of rows for each Licensed Provider
- The block for each Licensed Provider commences with three header rows shown in the example below as LPH1=>LPH3;
- Water and Sewerage charges are shown in repeating blocks. The rows SE1, SE2 and SE3 are always at the start of each block. Service Elements are listed in the rows SE4a=>Se4z. These rows are data driven. For instance if there is no 15mm meter then there is no 15mm meter row. The block ends with a sub-total line SE5;
- Trade Effluent is shown in a unique block. The rows TE1, TE2 and TE3 are always at the start of the block. Each DPID is specifically listed in rows TE4a=>Te4z. These rows are data driven to provide a row for each DPID. The block ends with a sub-total line TE5;
- The block for each Licensed Provider ends with two trailer rows shown in the example below as LPT1 and LPTH2.

Note: It is a matter of fact that some of the text fields have trailing spaces (for example in row H4, column 1 below). Also, some of the numeric fields have more than two decimal places (for example in the rows SE5 and TE5 below).

For the avoidance of doubt, the total charges in pence are shown in the header line row LPH3, column 2. In every other line which shows a charge, whether it is a detail line (SE4a, SE4b... SE4z, TE4a, TE4b... TE4z) or a subtotal line (SE5 or TE5), the charges in pence are shown in column 4.

Negative values can occur in respect of both volumes and charges. They are shown using a minus sign ("-").

Col / Row	1	2	3	4
H1	Type:	RUN_ONE		
H2	Tariff Year:	2008		
H3	Invoice Period:	2: 01/05/2008 – 31/05/2008		
H4	Scheduled Run Date:	01/06/2008		
H5				
LPH1	LP:	WorldWideWaterCompany		
LPH2				
LPH3	Total Charge=	84083950	Total Volume=	536320.3424
SE1				
SE2	Water Volumetric Charges			
SE3	Service Element	Number of registered days	Volume / m3	Charge / pence
SE4a	15mm	146	730.85	50383.38
SE4b	20mm	202	402.8	14708.42
	25mm	168	1345.67	102375.52
	50mm	31	4506.8	317357.91
	200mm	62	49662.45	8038889.66
	250mm	62	556.3	124309.43
	20mm (Reassessed)	62	66	2410.19
SE4z	20mm (unmeasurable)	365	1348.162	74720.44
SE5	Sub Total		58619.03	8725154.9516002
SE1				
SE2	Water Non Volumetric Charges			
SE3	Service Element	Number of registered days		Charge / pence
SE4a	15mm	146		1541.92
SE4b	20mm	202		513.97
	25mm	168		5937.53
	50mm	31		7822.19
	200mm	279		12084015.34
	250mm	93		9084015.34
	20mm (Reassessed)	62		157.75
SE4z	20mm (unmeasurable)	365		5011.23
SE5	Sub Total			21189015.2787729
SE1				
SE2	Sewerage Volumetric Charges			
SE3	Service Element	Number of registered days	Volume / m3	Charge / pence
SE4a	15mm	87	346.97	42578.73
SE4b	20mm	27	189.37	23260.5
	25mm	81	520.49	68491.91
	50mm	30	250.19	42168.89

Col / Row		1	2	3	4
	200mm	2604	267880.5	36862383.79
	250mm	806	204599.7	16109522.68
	20mm (Reassessed)	62	33	2212.28
SE4z	20mm (unmeasurable)	254	947.1009	76598.79
SE5	Sub Total		474777.352554	53227217.573123
SE1				
SE2	Sewerage Non Volumetric Charges			
SE3	Service Element	Number of registered days		Charge / pence
SE4a	15mm	87		369.59
SE4b	20mm	27		369.59
	25mm	81		3395.34
	50mm	30		7397.26
	200mm	31		117783.01
	250mm	62		535566.03
	20mm (Reassessed)	62		263.38
	20mm (unmeasurable)	254		3417.53
	Road Drainage	582		202264.39
SE4z	Property Drainage RV	582		76717.75
SE5	Sub Total			947543.87
TEH1				
TEH2	Trade Effluent Charges			
TEH3	Service Element	Number of registered days	Volume / m3	Charge / pence
TE4a	Trade Effluent x1234	30	1354.39	777115.37
TE4b	Trade Effluent 783A01	31	451.88	19807.89
	Trade Effluent 0005A02	31	466.15	18688.29
TE4z	Trade Effluent 0003B01	31	760.55	85176.77
TE5	Sub Total		3032.9739580	900788.3266178
LPT1				
LPT2	END LP:	WorldWideWaterCompany		

APP 2.2: Header and Generic Data Items

Report Header	
Type:	States which Settlement Run Type has been performed, as defined in CSD0201.
Tariff Year:	States the Financial Year which the Settlement Report belongs to and quotes the calendar year in which it begins.
Invoice Period (IP):	Provides the numerical value and date range that apply for that IP. This is a calendar month.
Scheduled Run Date:	The date that the Settlement Report was produced. This occurs at the beginning of the clock day (i.e. occurs before the start of the Business day if run on a Business Day).
Gap Line:	Provided before the first LP
Header for Each LP	
LP:	The name of the Licensed Provider who's Charges follow.
Gap Line:	Provided after the LP name
LPH3 Total Charge	The total charge for the LP named in the header. Includes all Service Elements relating to Water, Sewerage and Trade Effluent.
LPH3Total Volume	The total volume associated to both Water and Sewerage Service Volumetric Charges. It excludes Trade Effluent Volume
Trailer for each LP	
Gap Line:	Provided before the "End LP"
End LP	The name of the LP that has been reported in the detailed lines above.

APP 2.3: Water Volumetric Charges

These exclude the fixed charge based elements of meter based charges. SPIDs subject to Transitional charges will appear twice; once for the physical based Chargeable Meter Size (CMS) and once for the Rateable Value based CMS.

Service Elements	The column labelled Service Element provides the level of Reporting in Aggregate for each "Chargeable Meter Size" (CMS) that has been notified or derived. Meter, 20mm Re-assessed and Unmeasureable CMS are reported separately. Unmeasureable CMS includes all RV derived Supply Points (i.e. Unmeasureable and Transition Arrangement SPIDs).
Number of registered days	The Number of registered days describes how many days the LP has been registered to each SPID that is aggregated for the Service Element being reported. This value is unaffected by the Vacancy or Temporary Disconnected status. It is also unaffected by any Transition percentage that is being applied. There are two counts for Transition SPIDs with meters, the physical based CMS and the RV based CMS (reported as an Unmeasureable Service Element e.g. 20mm Unmeasurable).
Volume (m^3)	The volume reported is the volume associated to either the meter, Pseudo Meter or the RV (for Unmeasureable CMS). It is the sum of Daily Volumes for each day the LP is registered to each SPID summed up for that Service Element CMS. The volume figure is calculated as follows: ▪ Transition Volume (meter): full volume based on meter reads; ▪ Transition Volume (RV): full volume based on RV calculations; ▪ Schedule 3, 29e or SEES Exempt Customers: full volume ; ▪ Vacant: based on the last Meter Advance; and ▪ Temporary Disconnection: the volume for the period spanning a temporary disconnection is set to zero.
Charge (pence)	The charge displayed is the Volumetric Charge associated to each SPID that falls under the Service Element CMS for the LP (the sum for all SPIDs under that CMS). The charge is calculated as follows: ▪ Transition Charge (meter and RV): the relevant % discount to the full charge is applied; ▪ Schedule 3, 29e: the relevant % discount to the full charge is applied; ▪ SEES (Exempt Customers): no charge, apply proportion of the SEES Credit to each of the Service Elements for this SPID; ▪ Vacant: zero charge for the period spanning the vacancy; and ▪ Temporary Disconnection: zero charge for the period spanning the temporary disconnection.

APP 2.4: Water Non-Volumetric Charges

SPIDs subject to Transitional charges will appear twice; once for the physical based Chargeable Meter Size (CMS) and once for the Rateable Value based CMS.

Service Elements	The column labelled Service Element provides the level of Reporting in Aggregate for each "Chargeable Meter Size" (CMS), including 20mm Re-assessed, that has been notified or derived. In addition, other types of Service Elements are also provided here for Miscellaneous Water Services (this includes Outside Taps and Field Troughs for both Farms and Crofts). Meter and Unmeasureable CMS are reported separately. Unmeasureable CMS includes all RV derived Supply Points (i.e. Unmeasureable and Transition Arrangement SPIDs).
Number of registered days	The Number of Registered Days describes how many days the LP has been registered to each SPID that is aggregated for the Service Element being reported. This applies regardless of whether the SPID is registered as Vacant, Temporary Disconnected or whether a Transition percentage is being applied. There are two counts for Transition SPIDs with meters, the physical based CMS and the RV based CMS.
Charge (pence)	The charge displayed is the fixed charge associated to each SPID that falls under the Service Element (CMS or Miscellaneous Service type) for the LP (the sum for all SPIDs under that Service Element). The charge is calculated as follows: ▪ Transition Charge (meter and RV): the relevant % discount to the full charge is applied; ▪ Schedule 3, 29e: the relevant % discount to the full charge is applied; ▪ SEES (Exempt Customers): no charge, apply proportion of the SEES credit to each of the Service Elements for this SPID; ▪ Vacant: zero charge for period they are vacant; and ▪ Temporary Disconnection: fixed charges are unaffected by temporary disconnection.

APP 2.5: Sewerage Volumetric Charges

These exclude the fixed charge based elements of sewerage meter based charges. SPIDs subject to Transitional charges will appear twice; once for the physical based Chargeable Meter Size (CMS) and once for the Rateable Value based CMS.

Service Elements	The column labelled Service Element provides the level of Reporting in Aggregate for each Sewerage "Chargeable Meter Size" (CMS) that has been notified or derived. Meter, 20mm Re-assessed and Unmeasureable CMS are reported separately. Unmeasureable CMS includes all RV derived Supply Points (i.e. Unmeasureable and Transition Arrangement SPIDs).
Number of registered days	The Number of Registered Days describes how many days the LP has been registered to each SPID that is aggregated for the Service Element being reported. Regardless of whether the SPID is registered as Vacant, Temporary Disconnected or a Transition percentage is being applied. There are two counts for Transition SPIDs with meters, the physical based CMS and the RV based CMS. The Meter or Pseudo Meter associated to the SPID is counted even if the Return to Sewer allowance is zero and/or a Non Domestic Allowance exists for Trade Effluent.
Volume (m^3)	The volume is either a) the volume associated to the meter, Pseudo Meter or the RV (for Unmeasureable CMS) adjusted for the Non-Return to Sewer allowance or b) the Non Domestic Allowance (NDA) where the SPID has associated Trade Effluent Discharge Point(s). It is the sum of Daily Volumes for each day the LP is registered to each SPID summed up for that Service Element CMS. The volume figure is calculated as follows: ▪ Transition Volume (meter): full volume based on meter reads; ▪ Transition Volume (RV): full volume based on RV calculations; ▪ Schedule 3, 29e or SEES Exempt Customers: full volume ▪ Vacant: based on the last Meter Advance; and ▪ Temporary Disconnection: the volume for the any period spanning a temporary disconnection is set to zero.
Charge (pence)	The charge displayed is the charge associated to each SPID that falls under the Service Element CMS for the LP (the sum for all SPIDs under that CMS). The charge is calculated as follows: ▪ Transition Charge (meter and RV): the relevant % discount is applied to the full charge; ▪ Schedule 3, 29e: the relevant % discount is applied to the full charge; ▪ SEES (Exempt Customers): no charge, apply proportion of the SEES Credit to each of the Service Elements for this SPID; ▪ Vacant: zero charge is applied for period of the vacancy; and ▪ Temporary Disconnection: zero charge is applied for the period of temporary disconnection.

APP 2.6: Sewerage Non-Volumetric Charges

SPIDs subject to Transitional charges will appear twice; once for the physical based Chargeable Meter Size (CMS) and once for the Rateable Value based CMS.

Service Elements	The column labelled Service Element provides the level of Reporting in Aggregate for each Sewerage "Chargeable Meter Size" (CMS), including 20mm Re-assessed, that has been notified or derived. In addition, other types of Service Elements are also provided here for Miscellaneous Sewerage Services (Property Drainage, Road Drainage and Caravans). Meter and Unmeasureable CMS are reported separately. Unmeasureable CMS includes all RV derived Supply Points (i.e. Unmeasureable and Transition Arrangement SPIDs).
Number of registered days	The Number of Registered Days describes how many days the LP has been registered to each SPID that is aggregated for the Service Element being reported. Regardless of whether the SPID is registered as Vacant, Temporary Disconnected or a Transition percentage is being applied. There are two Counts for Transition SPIDs with meters, the physical based CMS and the RV Based CMS. Note: Where the Non-Return to Sewerage Allowance (NRSA) is set to zero, the SPID will not be counted. However, where there is a Trade Effluent Non Domestic Allowance associated to a meter then registered days are counted because there will be a volume that over rides any zero NRSA on the meter
Charge (pence)	The charge displayed is the charge associated to each SPID that falls under the Service Element (CMS or Miscellaneous service type) for the LP (the sum for all SPIDs under that Service Element). The charge is calculated as follows: ▪ Transition Charge (meter and RV): the relevant % discount to the full charge is applied; ▪ Schedule 3, 29e: the relevant % discount to the full charge is applied; ▪ SEES (Exempt Customers): no charge, apply proportion of the SEES credit to each of the Service Elements for this SPID; ▪ Vacant: zero charge is applied for vacant periods; and ▪ Temporary Disconnection: fixed charges are unaffected by temporary disconnection.

APP 2.7: Trade Effluent Charges

Service Elements	The column labelled Service Element provides Discharge Point (DPID) level reporting.
Number of registered days	The Number of Registered Days describes how many days the LP has been registered to each DPID for the Invoice Period.
Volume (m³)	The volume is the Daily Actual Volume Discharged (DAVD) for the period or the last DAVD used as an estimate where a TE Volume submission does not cover the period.
Charge (pence)	The charge displayed is the charge associated to each DPID. The percentage discount will be applied to DPIDs with Schedule 3 arrangements on them.

Appendix 3: Disaggregated Settlement Report

This appendix sets out the format and detailed content of the Disaggregated Settlement Report for all Settlement Runs other than RF. The output file is a CSV with 40 columns with all records having the same structure. The report file is created after each settlement run; it uses the identical data as its associated Aggregated Settlement Report. The reports for the CMA and SW contain some 600-700,000 records; reports for LPs will depend on the number of SPIDs.

The reports contain details of all water and sewer charges at Service Element level:

- The generic rules are set out in the Section APP 3.1;
- The derivation of each field is set out in Section APP 3.2; and
- The format and type of each field are set out in Section APP 3.3.

APP 3.1: General Information

File Structure

There are three extracts within this set; all have the same structure:

- X21: Detailed Settlement Data Extract for the CMA;
- X22: Detailed Settlement Data Extract for SW showing all data items except the ID of the LP; and
- X23: Detailed Settlement Data Extract for LPs with data restricted to a specific LP.

The file name has the format X2n_XXXX_09CP01APRP1_20090304050747.xxx where:

- X2n defines the file type X21, X22 or X23;
- _XXXX_ defines the recipient;
- 09CP01APR defines the year and the Invoice Period (IP);
- P1, R1, R2, R3 defines the settlement run type;
- _2009mmddhhmmss defines the date and time of the report; and
- xxx – the file is created as a .txt file but is usually compressed into a .zip file with the same file name for transmission to Market Participants.

The field separator is the pipe character "|"; if the field is blank then the record will contain "||" for each blank field. Quotations are not used to separate fields but may occasional be found in address fields.

SPID inclusion rules

A SPID will be reported if it has a Service Element (SE) which has a charge or a volume with a zero charge.

Trade Effluent charges are not reported:

- A SPID with only TE charges will not be reported at all; and
- Where a SPID has both TE and other charges, only the other charges are reported.

The vacancy status of a SPID has no impact on whether the SPID is reported or not.

Attribute Values

Where an attribute of a SPID is changed during the period it is the value at the end of the period that is reported.

All reports will show the gross volumes. Any applicable reduction in charges is achieved by scaling down the charging rate; this will affect Schedule 3; 29e and Service Elements affected by Phasing Transitional Arrangements.

Rules for X23: Supporting Settlement Data Extract for LPs:

LPs only receive data for SPIDs registered to them and this is limited to the period of registration.

If there are no charges for the LP then there will be no extract provided for that LP.

A Sewerage Service LP shall receive metering information that is directly related to sewerage charges.

APP 3.2: Field Derivation Information

The disaggregated file is a flat file where all records have the same structure; however there are several conceptual levels within a record:

- Level 1 is at ORGID level;
- Level 2 is at SPID level;
- Level 3 is at Service Element level; and
- Level 4 is at Meter Level.

By inspection is can be seen that there will be a row for most SPIDs held on the Central System. Where the SPID has more than one Service Element (SE) there will be a row for each SE. For instance a premises with a metered supply and a farm trough will have a SE for the metered water supply and a SE for the trough. Where there is more than one meter of the same size on the SPID each meter will be reported separately.

Field	Description and Derivation
Level 1: Data at Recipient Level	
Recipient Org Id	Identity of the recipient of the file; The Licensed Provider ID or SW or the CMA
Year	The Settlement Year
Period	The Invoice Period (date and month)
Settlement Run	The settlement run type e.g. P1, R1, R2, R3
Extract Type	Code for data extract type: X21 for CMA; X22 for SW; X23 for LPs
Timestamp	The time and date.
Level 2: Data at SPID level	
Postcode Outcode	Postcode Outer Derived from the D5013 for the SPID
SPID	Supply Point Identification, this is the unique identifier allocated to each supply point by the CMA. Derived from the D2001 for the SPID
LP ID	The Licensed Provider Identification. Will be blank for SW and populated for LPs and the CMA
SPID Category	SPID Category provides an abbreviation on whether the SPID is Water only (WONLY), Water with associated Sewerage (WANDS), Sewerage with associated Water (SANDW) or Sewerage only (SONLY).
Rateable Value	The SPID's Rateable Value as at the end of the Invoice Period. Derived from the D2011 for the SPID
Exempt Customer Flag	Populated with a Y when there is an Exempt Customer Flag and when there is none it will be blank in the report. Derived from the D2004 for the SPID
Phasing Transitional Arrangement	Populated with a Y when there is Phasing Transitional Arrangement and when there is none it will be blank in the report. Derived from the D2022 for the SPID

Field	Description and Derivation
Schedule3 Applied	The Schedule 3 discount percentage applied to a supply point. 0 = zero discount 100 = "no charges - free" Derived from the D2003 for the SPID
Schedule 29e Applied	The 29e discount percentage applied to a supply point. 0 = zero discount 100 = "no charges - free" Derived from the D2006 for the SPID
LUVA	Large User Volume Agreement indicator for the supply point. Set to "Y" if the indicator is true on the last day of the IP being settled, if not it will be left blank. Derived from the D2007 for the SPID
Un-measurable Indicator	This identifies whether the supply point has been declared as Unmeasurable. Set to "Y" if the indicator is true on the last day of the IP being settled, if not it will be left blank.
Vacancy Indicator	This declares whether the premises for the SPID are vacant at the end of the IP. Populated with a Y when the vacant; when not vacant it will be blank. Derived from the D2015 for the SPID
EWA	Estimate Weighted Average Unit Rate for the SPID as applicable at the end of the IP.
EWA Changed this period	The date the EWA value changed if it was changed in the period. Note that the EWA is now always updated immediately prior to the running of each Settlement Run so the intended use of this field has been superseded
Meter Network Flag	Indicates that the meter is a Main-meter in a meter network. Sub-meters are not specifically indicated
Actual Weighted Average	The actual weighted average for a SPID. Applies to RF only and so is not deployed in this report
Level 3: Data at Service Element Level	
Service Category	Identifies the service category for a SPID i.e. Water or Sewerage. The D2002 value for the SPID
Service Component	Identifies whether the line is presenting Measure (MEAS) or Miscellaneous services (MISC)
Service Element	Chargeable meter size e.g. 20mm, 40mm, 80mm, Unmeasurable size, or other type of Service Element.
Registered days	The number of days between the Effective-From and Effective-To dates (inclusive) for a given service element / LP combination
Non Volumetric Charges	Total of the non-volumetric charges for Measured and Miscellaneous Services. Stated in pence
Volumetric Charges	Total of the volumetric charges for Measured Services. Stated in pence.

Field	Description and Derivation
Estimated Volume	Only applies to Volumetric Service Elements. Shows the volume that is not based on a Meter Advance. It is the sum of Daily Volume Estimates (DVe) for the Invoice Period. It excludes Derived Volume but will include all volumes that are deduced for a meter network (Complex Site SPID). For sewerage SPIDs apply the NRSA. See qualification in Appendix 3.4
Actual Volume	Only applies to Volumetric Service Elements. Shows the volume that is based on a Meter Advance (the sum of DVa for the Invoice Period) excludes Derived Volume. For sewerage SPIDs apply the NRSA. See qualification in Appendix 3.4
Derived Volume	Only applies to Volumetric Service Elements. The derived volume as derived from the RV for Unmeasurable Volumetric Charges.
Total Volume	Only applies to Volumetric Service Elements. This is the total volume for the SPID in the Invoice Period; it is the sum of the Estimated, Actual and Derived Volumes.
Level 4: Data at Meter Level	
Meter Id	The unique meter Identification Derived from the D3001 for the Meter
Meter Read Frequency	The frequency that the licensed provider reads a meter e.g. Bi-annually (B) or monthly (M) Derived from the D3011 for the Meter
Last Read Date	The date of last meter reading
Estimated Daily Volume (Annualised)	Only applies to Volumetric Service Elements. Will be populated using the DVe (where this is applicable for the IP) and multiplying this by the number of days in the Tariff Year. It will be null where the Estimated Volume field is not populated or where this is the main meter for a meter network (Complex Site SPID).
Estimated Yearly Volume	Only applies to Volumetric Service Elements. The annual estimated volume that is used as the basis of the calculation to create the EWA for the Settlement Period When the EWA is derived from an imputed volume based on the RV this field is blank
YVe Derivation Method	Only applies to Volumetric Service Elements. The method used to derive the estimated yearly volume. It will be one of the following: 'Read' where a Meter Advance is used; 'LPYV' where a LP YVe has been used; or 'ISTD' where the industry default value is being applied. Where there is an NDA the annual volume is already provided and this field will be blank

Field	Description and Derivation
LP YVe	Only applies to Volumetric Service Elements. Yearly volumetric usage estimate for each meter associated with the SPID provided by the LP. Derived from the D2010 for the Meter
Non-return to sewer allowance	Only applies to Volumetric Service Elements. This is the percentage applied to the metered water volume to calculate the sewerage volume for the sewerage SPID. The percentage is the % return to the sewer. Derived from the D3007 for the Meter

APP 3.3: Field Type Information

Field	Type	Opt	Notes
Recipient Org Id	nvarchar(50)	M	
Year	nvarchar(2)	M	
Period	nvarchar(7)	M	
Settlement Run	nvarchar(2)	M	
Extract Type	nvarchar(3)	M	
Timestamp	nvarchar(14)	M	Format : yyyymmddhh24miss
Postcode Outcode	nvarchar(4)	O	
SPID	nvarchar(12)	M	
LP Id	nvarchar(50)	O	optional as blank for SW extract
SPID Category	nvarchar(5)	M	
Rateable Value	decimal(18,2)	M	defaults to 0
Exempt Customer Flag	nvarchar(1)	O	Y if true else blank
Phasing Transitional Arrangement	nvarchar(1)	O	Y if true else blank
LUVA Applied	nvarchar(1)	O	Y if true else blank
Schedule3 Applied	nvarchar(1)	O	Y if true else blank
Schedule29e Applied	nvarchar(1)	O	Y if true else blank
Unmeasurable Indicator	nvarchar(1)	O	Y if true else blank
Vacancy Indicator	nvarchar(1)	O	Y if true else blank
EWA	decimal(18,2)	O	
EWA Changed this period	nvarchar(8)	O	Format : yyyymmdd
Meter Network Flag	nvarchar(1)	O	Y if true else blank
Actual Weighted Average	decimal(18,2)	O	always blank at the moment
Service Category	nvarchar(2)	M	
Service Component	nvarchar(4)	M	
Service Element	nvarchar(50)	M	
Registered days	decimal(4,0)	M	
Non Volumetric Charges	decimal(18,2)	M	defaults to 0
Volumetric Charges	decimal(18,2)	M	defaults to 0
Estimated Volume	decimal(50,4)	O	

Field	Type	Opt	Notes
Actual Volume	decimal(50,4)	O	
Derived Volume	decimal(50,4)	O	
Total Volume	decimal(50,4)	O	
Meter Id	nvarchar(32)	O	
Meter Read Frequency	nvarchar(1)	O	
Last Read Date	nvarchar(8)	O	Format : yyyymmdd
Estimated Daily Volume (Annualised)	decimal(50,4)	O	
Estimated Yearly Volume	decimal(50,4)	O	
YVe Derivation Method	nvarchar(4)	O	
LP YVe	decimal(13,0)	O	
Non-return to sewer allowance	decimal(5,2)	O	

Notes on table:

Type	• Nvarchar(X) is a field containing character data possibly numeric with maximum length X. • Decimal(x,y) is a numeric field with a maximum of x digits with a maximum of y digits after the decimal place. Hence maximum space is number of digits plus decimal place and possible leading minus sign.
Opt	M is Mandatory , O is Optional

APP 3.4: Recognised Issues

There are two recognised issues that in some circumstances the fields are not populated fully in accordance with this specification.

- Meter swaps affecting Estimated and Actual Volumes; and
- Actual Volume (meter networks).

Once these issues are remedied the bullets above and description below will no longer apply.

Meter swaps affecting Estimated and Actual Volume

- There are special circumstances when meters have been swapped out leading to incorrect values being provided for these two fields.
- Note that in all cases it is Total Usage is correct and is on what the charges calculated.

Actual Volume (meter networks)

- There is a known issue with the representation of network meters in the Disaggregated Settlement Report where they are contributory to meters in an 'upstream' network, but where they themselves do not require volume deductions from any 'upstream' meters.