Specification for Business Stream CSV output

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business stream
A **SCOTTISH WATER** COMPANY

Naturally *different.*

Document details

Version number	Date of issue	Amendments
V1.0	08/04/2024	Final version

Contents

1 Introduction

1.1 Background

A CSV (comma-separated values) file is output by Business Stream as one of the formats for consolidated billing. This document provides a specification for the fields contained within the CSV file. This file can be used to analyse the data via filters or pivot tables, or can be used to feed into bill validation software, as appropriate.

1.2 CSV billing

The CSV file is not intended to be a tax document. Business Stream will continue to send customers the PDF document.

2. Structure

The CSV file is structured vertically, with each charge line in the bill resulting in a row in the file. Additionally, sub meter readings are output in separate records to show the consumption to be deducted.

Each of the values will be within quotation marks, to ensure that the file isn't corrupted by commas within values. If the file is opened in Excel, it will automatically format the cells so that the quotation marks aren't visible.

2.1 Field definition

Field	Description	Format
Account ref	Account reference, sometimes also referred to as Customer reference	Integer
Bill number	Unique number for the Bill (also referred to as Statement)	Integer
Bill type	ME' for metered or 'UN' for unmetered	Varchar (2)
Name	Customer name against the site	Varchar
Property address	Address for the site being billed	Varchar
Postcode	Postcode for the site being billed	Varchar
Water SPID	Supply Point ID for Water services	Varchar
Sewerage SPID	Supply Point ID for Waste and Trade effluent services	Varchar
Your Ref	Your own reference for this site (if provided)	Varchar
Bill date	Date the consolidated bill is issued	Date (DD/MM/YYYY)
Bill period Start Date	Start date of date range over which bills included in the file have been issued. This is *not* to be used for the period of the related charge lines, this is covered by 'Period from' below.	Date (DD/MM/YYYY)
Bill period End Date	End date of date range over which bills included in the file have been issued. This is *not* to be used for the period of the related charge lines, this is covered by 'Period to' below.	Date (DD/MM/YYYY)
Service	Description of the service being charged	Varchar

Date posted	Date the Bill was created	Date (DD/MM/YYYY)
Period from	Start date of the bill period. This should be used for the start date of the charge for this line. NB. There may be multiple periods within the data for a Bill.	Date (DD/MM/YYYY)
Period to	End date of the bill period. This should be used for the start date of the charge for this line. NB. There may be multiple periods within the data for a Bill.	Date (DD/MM/YYYY)
Contract basis	Where a contract amount is applied, this is the basis for the contract	Decimal
Days	Number of days covered by charge where is not based on consumption	Varchar
Consumption	Number of units of consumption charged where charge is based on consumption	Decimal
Unit cost	Unit rate for charge. Where the charge line is for a contract amount, this will be the percentage	Decimal
Net	Total charge amount for charge line, net of VAT	Decimal
VAT	VAT amount for charge line	Decimal
Total	Total amount for charge line, inclusive of VAT	Decimal
Meter serial number	Where the charge is linked to a meter, this will be the serial number for the meter	Varchar
Previous meter reading	Value of previous meter reading	Decimal
Date of previous reading	Date of previous meter reading	Date (DD/MM/YYYY)
Type of previous reading	Type of read for previous meter reading. Possible values are: VISUAL ESTIMATED CUSTOMER REMOTE	Varchar
Current meter reading	Value for the current meter reading	Decimal
Date of current reading	Date of current meter reading	Date (DD/MM/YYYY)

Type of current reading	Type of read for current meter reading. Possible values are: VISUAL ESTIMATED CUSTOMER REMOTE	Varchar
Water volume used	Consumption resulting from difference between Current and Previous reads	Decimal
Sub meter consumption	Sub meter consumption to be deducted from 'Water volume used'	Integer
RTS	Return to Sewer percentage applied to water consumption to determine waste consumption value	Decimal
Water chargeable meter size	Meter size used to determine rate	Integer
Water Special Agreement %	Any historical agreement percentage that may be in place	Decimal
RV	Rateable Value, where used for charging	Decimal
Area	Surface Area, where used for charging	Integer
Tariff band	Tariff band, where used for charging	Integer
DPID	Discharge Point ID, used for trade effluent	Varchar
CDV	Chargeable Daily Volume	Integer
sBODI	Settled Biochemical Oxygen Demand Load	Decimal
TSSI	Total Suspended Solids Load	Decimal
Ot	Actual settled COD of effluent discharged	Integer
Os		Integer
St	Actual strength of the effluent (suspended solids) that you discharge	Integer
Ss		Integer
Reception charge (R) daily Rate	Standard Reception (R) charge daily rate	Decimal
Reception charge (R) daily Rate Charged	Reception charge (R) daily rate charged once formula applied	Decimal

Volumetric/primary charge (V) daily Rate	Volumetric/primary charge (V) daily rate	Decimal
Volumetric/primary charge (V) daily Rate Charged	Volumetric/primary charge (V) daily rate charged once formula applied	Decimal
Biological Capacity (Ba) daily Rate	Biological Capacity (Ba) daily rate	Decimal
Biological Capacity (Ba) daily Rate Charged	Biological Capacity (Ba) daily rate charged once formula applied	Decimal
Sludge Capacity (Sa) daily Rate	Sludge Capacity (Sa) daily rate	Decimal
Sludge Capacity (Sa) daily Rate Charged	Sludge Capacity (Sa) daily rate once formula applied	Decimal
Reception charge (R) Rate Charged	Reception charge (R) Rate Charged	Decimal
Volumetric/primary charge (V) Rate Charged	Volumetric/primary charge (V) Rate Charged once formula applied	Decimal
Secondary treatment charge (Bo) Rate	Secondary treatment charge (Bo) Rate	Decimal
Secondary treatment charge (Bo) Rate Charged	Secondary treatment charge (Bo) Rate Charged once formula applied	Decimal
Sludge treatment charge (So) Rate	Sludge treatment charge (So) Rate	Decimal
Sludge treatment charge (So) Rate Charged	Sludge treatment charge (So) Rate Charged once formula applied	Decimal
Marine treatment charge (Mo) Rate Charged	Marine treatment charge (Mo) Rate Charged	Decimal
Ammonia treatment charge (Ao) Rate Charged	Ammonia treatment charge (Ao) Rate Charged	Decimal
Volume of water used	Volume of water fed into trade effluent volume calculation, prior to allowances being applied	Integer
TE Domestic allowance	Domestic allowance for period of bill	Decimal

TE production % allowance	Production percentage allowance for period	Decimal
TE production fixed allowance	Production fixed allowance for period	Decimal
TE volume	Volume to be used for trade effluent volume calculation net of allowances	Decimal