

# Chapter 14

## Non financial measures

### Sewage collected

Covering:  
Sewage - volumes

# Non financial measures

## Chapter 14

### Sewage collected

This table has one block and a total of eight lines. It covers:

- **Sewage volumes:** This records the sewage volumes collected from measured and unmeasured households and non-households, together with the volumes of trade effluent, cesspool and septic tank waste. This should include volumes charged at non-standard rates (special agreements) except for roads drainage.

Sewage collected is considered to be the most appropriate output measure of quantity for the sewerage service. The information in this table is used for calculating the unit costs of sewage collected which may be published by NIAUR in the future 'Cost and Performance Report'. The company must include inset appointments as they are part of the regulated business.

In addition to being used for the unit cost analysis the various components are used to check inputs to the Principal Statement.

The volume of Roads Drainage treated and charged as a trade effluent to DRD Roads Service is required to be reported but does not form part of the trade effluent figure and therefore the overall total of wastewater returned.

#### Company commentary

The company should:

- Provide details of the amounts included for any inset appointments in the relevant lines.

#### Guidance to Reporters

Reporters should comment on the methodologies adopted to estimate the sewage volumes including roads drainage.

## Table 14 line definitions

### A SEWAGE - VOLUMES

<b>1</b>	Volume unmeasured household sewage	MI/d	2dp
<b>Definition</b>	<p>Volume of water delivered to household properties billed for unmeasured water that is returned to the sewerage system.</p> <p>To ensure consistency between companies this should be set at 95% of the volume of water delivered. The company should include sewage collected from properties supplied by all water supply companies within their sewerage area. Water delivered figures are to be made available by the water supply companies for this purpose. Where water and sewerage areas do not coincide, estimates of sewage collected should be derived by prorating water delivered volumes by the numbers of properties billed for sewage in the relevant areas.</p>		
<b>Primary Purpose</b>	Informing relative performance and efficiency assessments.		
<b>Processing rule</b>	Input		
<b>Responsibility</b>	Comparative Efficiency & Performance Team		

<b>2</b>	Volume unmeasured non-household sewage	MI/d	2dp
<b>Definition</b>	<p>Volume of water delivered to non-household properties billed for unmeasured water that is returned to the sewerage system.</p> <p>To ensure consistency between companies this should be set at 95% of the volume of water delivered. The company should include sewage collected from properties supplied by all water supply companies within their sewerage area. Water delivered figures are to be made available by the water supply companies for this purpose. Where water and sewerage areas do not coincide, estimates of sewage collected should be derived by prorating water delivered volumes by the numbers of properties billed for sewage in the relevant areas. Non-households are defined as properties whose domestic sewage is collected but are not occupied as domestic premises, i.e. domestic supplies to factories, offices and commercial premises, cattle troughs. Also include properties containing multiple households which receive a single bill, i.e. blocks of flats. Exclude void properties.</p>		
<b>Primary Purpose</b>	Informing relative performance and efficiency assessments.		
<b>Processing rule</b>	Input		
<b>Responsibility</b>	Comparative Efficiency & Performance Team		

<b>3</b>	Volume unmeasured sewage	MI/d	2dp
<b>Definition</b>	<p>Volume of water delivered to unmeasured water supplies that is returned to the sewerage system. Include sewage collected from properties supplied by all water supply companies in the sewerage area.</p>		
<b>Primary Purpose</b>	Informing relative performance and efficiency assessments.		
<b>Processing rule</b>	Calculated: sum of lines 1 and 2		
<b>Responsibility</b>	Comparative Efficiency & Performance Team		

<b>4</b>	Volume measured household domestic sewage	MI/d	2dp
<b>Definition</b>	<p>Volume of measured household domestic sewage effluent discharged to the sewerage area and billed. The company should include sewage collected from properties supplied by all water supply companies within their sewerage area.</p> <p>Note that this should be the volume for which customers are billed in the year and is therefore the volume registered by customers' water meters adjusted by the company's non-return to sewer allowance.</p> <p>The reported volume must therefore exclude meter-under registration and any supply pipe leakage that customers are not charged for. It should include external supply pipe leakage as long as charges for this are not refunded to customers.</p>		
<b>Primary Purpose</b>	Informing relative performance and efficiency assessments.		
<b>Processing rule</b>	Input		
<b>Responsibility</b>	Network Regulation Team		

<b>5</b>	Volume measured non - household domestic sewage	MI/d	2dp
<b>Definition</b>	<p>Volume of water delivered to measured non-households returned as domestic sewage (not trade effluent) to the sewer in the sewerage area and billed. The company should include sewage collected from properties supplied by all water supply companies within their sewerage area.</p> <p>Note that this should be the volume for which customers are billed in the year and is therefore the volume registered by customers' water meters adjusted by the company's non-return to sewer allowance.</p>		
<b>Primary Purpose</b>	Informing relative performance and efficiency assessments.		
<b>Processing rule</b>	Input		
<b>Responsibility</b>	Network Regulation Team		

<b>6</b>	Volume trade effluent	MI/d	2dp
<b>Definition</b>	<p>Volume of trade effluent discharged to sewerage system. Trade effluent is any discharge which is not "domestic". Figure should be calculated using 365 days as the denominator for MI/d rather than the number of days a trader was discharging.</p>		
<b>Primary Purpose</b>	Informing relative performance and efficiency assessments.		
<b>Processing rule</b>	Input		
<b>Responsibility</b>	Comparative Efficiency & Performance Team		

<b>7</b>	Volume waste water returned	MI/d	2dp
<b>Definition</b>	<p>Volume of water delivered to measured and unmeasured water supplies returned to the sewerage system.</p> <p>The company should include sewage collected from properties supplied by all water supply companies within their sewerage area.</p>		
<b>Primary Purpose</b>	Informing relative performance and efficiency assessments.		

<b>Processing rule</b>	Calculated: sum of lines 3, 4, 5 and 6
<b>Responsibility</b>	Comparative Efficiency & Performance Team

<b>8</b>	Volume of Roads Drainage returned	MI/d	2dp
<b>Definition</b>	Volume of roads drainage determined to be recharged to DRD Roads Service as a trade effluent.		
<b>Primary Purpose</b>	Informing sewerage and drainage assessments.		
<b>Processing rule</b>	Input		
<b>Responsibility</b>	Networks Regulation Team		

## CHANGE CONTROL SHEET

### CHAPTER 14

2008/1.0	First issue of chapter for the SBP period
2009/1.0	Second issue of chapter for the SBP period - PPP reporting removed
2010/1.0	Third issue of chapter for the SBP period - New line 8. Reporting of Roads Drainage volume to be recharged to DRD Roads Service as a trade effluent - Guidance amended for new line 8
2011/1.0	First issue of chapter for the PC10 period - Minor revision e.g. deletion of reference to Interim Principal Statement - Clarification text for Line 6 (volume of trade effluent)