

# Chapter 42

## PPP Reporting

Covering:

Payments to PPP concessionaire

Water distribution data

Water resource data

Water treatment data

Sewage treatment data

Sludge treatment data

## Chapter 42

# PPP Reporting

The purpose of this table is to collect information on the cost, performance and other explanatory variables of the PPP concessions. The information is used for assessment of both NI Water and PPP relative efficiency.

The data are requested in order to gauge the actual costs of operating these facilities to enable proper comparison of relative performance. The table consists of seven sections as follows:

- **Division of data by PPP Concessions and Facilities**

The reported data are separated by columns into three categories:

- Data for each facility within each PPP concession.
- A total for each PPP concession.
- A total by water and sewerage service.

The breakdown of each PPP concession into facilities reflects the main components of each concession. It was developed following discussion with the company to reflect the main facilities in each concession where the concession agreement allows for the separate calculation of unitary charge. If the company wishes to amend the breakdown by facilities, it should discuss and agree any revisions to the structure of the table with the Utility Regulator before the submission of the Annual Information Return.

Where the calculation of a component of the unitary charge set out in Block B is by concession rather than facility the company shall:

- make reasonable endeavours to allocate expenditure by facility and describe the rationale for the allocation in the commentary; or,
- enter the total expenditure in the total column for the relevant concession and describe the basis for assessing the reported expenditure in the commentary and explain why it cannot be allocated across the facilities.

The seven sections of the table are:

- **BLOCK A – Project description**

Three lines identify the concession, the service area and the name of the key works. Three lines identify the commencement and completion dates and the duration of the concession.

- **BLOCK B – Payment to the PPP concessionaire**

The information reported in this block of data provide a breakdown of the unitary charge payment from NI Water to the concessionaire, broken down by a range of categories which will establish and explain trends in the payments and reconcile with the allocation of unitary charge payments in other sections of the Annual Information Return and the Statutory and Regulatory Accounts. The key allocations considered are:

- The allocation of the unitary charge between capital and opex in line with NI Water's treatment of these costs in their accounts.
- The identification of variable and capacity charges. In addition to providing general information, the allocation should reconcile with NI Water's treatment of these costs when establishing water production costs for the Water Resources Management Plan.

- The separate identification of performance penalties, efficiency gains and atypical costs to allow trends in these costs to be established and allow a typical baseline to be established for the unitary charge payments.

- **BLOCK C – Water distribution data**

The water distribution explanatory data required includes: the distribution input for each works; the contractual minimum capacity for each works and the length of water mains provided under the contract. The information will supplement NI Water data reported in Tables 10, 11 and 12 of the Annual Information Return and the definitions of the data are consistent with the definitions for those tables.

- **BLOCK D – Water resource and treatment data**

The water resource and treatment data required for each works includes: turbidity performance; source and treatment type and average pumping head. The information will supplement NI Water data reported in Tables 11a and 12 of the Annual Information Return and the definitions of the data are consistent with the definitions for those tables.

- **BLOCK E – Sewerage data**

The sewerage data required for each works is the length of sewer and the length of critical sewer. The information will supplement NI Water data reported in Table 16 of the Annual Information Return and the definitions of the data are consistent with the definitions for those tables.

- **BLOCK F – Sewage treatment and disposal data**

The sewerage treatment and disposal data required for each works includes: treatment works load; key consent parameters; and the classification of the treatment works. The information will supplement NI Water data reported in Table 17b and 17d of the Annual Information Return and the definitions of the data are consistent with the definitions for those tables.

- **BLOCK G – Sludge production and disposal data**

The sludge production and disposal data required for each works provide a balance of sludge quantities including imports from NI Water works. The total of imports and production in lines 39 to 51 should sum to the total sludge disposed of by the PPP concessionaire. The information will supplement NI Water data reported in Table 17g of the Annual Information Return and the definitions of the data are consistent with the definitions for those tables.

The guidance on the assessment of sludge disposal quantities in Table 17g apply to this table. In line with that guidance, the quantities of sludge reported should be the quantity of raw sludge generated before the losses or additions which arise as a result of the sludge treatment process.

- **Provision of a Descriptive Report on the PPP Concessions.**

In AIR10, the company provided a descriptive report on the scope of works covered by each PPP concession and each major works within each concession supported by location plans and layout drawings to support and clarify the descriptions. This report shall be updated and resubmitted **only** if it is necessary to address material variations to the works or to correct errors in the previous submissions. If the company concludes that it is not necessary to update the previous report it shall say so in the commentary. For completeness, the definition of the report is included below:

- A high level description of the concession, the purpose of the concession and scope of works.

- Key dates and duration of the concession including commencement date and service completion dates. Other key dates should be identified which link to the contract. For example dates by which the concessionaire is required to increase the capacity of the works or make other major amendments to the scope of works.
- Summary of any consents to discharge, confirmation of which party holds the consent.
- Summary of the key service limits in the concession contracts including: maximum and minimum limits on capacity of the service which must be offered by NI Water or accepted by the concessionaire; and, key performance standards for the production of potable water and the discharge of treated effluent.
- A description of the connection points including abstraction points, connections to NI Water's water distribution system, connection points to NI Water's sewerage system and continuous and intermittent discharge points. The description should include tables setting out the size and capacity of each component of the works, for example: the length and diameter of transfer mains; the number, capacity and operating regime of pumps and screening plant; and, the volume of storage facilities. The description should include tables setting out the size and capacity of each component of the works, for example: the number, capacity and operating regime of pumps and screening plant; the capacity of treatment units; and the volume of storage facilities.
- A brief description of individual components of the works which are not located on the main works including abstraction points, connections to NI Water's water distribution system, connections to NI Water's sewerage system and all continuous and intermittent discharge points. The description should include tables setting out the size and capacity of each component of the works, for example: the length and diameter of transfer mains; the number, capacity and operating regime of pumps and screening plant; and, the capacity of storage facilities.
- A location drawing showing for each major works;
  - the location of the main works,
  - the location of connection points, including abstraction points, connection to NI Water's water distribution system, the connection point to NI Water's sewerage system and continuous and intermittent discharge points;
  - the location of transfer mains not located within the main works; and,
  - the location of significant assets not located on the main works, including abstraction works, pumping stations, reservoirs and overflows or other treatment facilities.
- A layout drawing of the main works showing sufficient detail to support the description of the main treatment processes; and,
- A layout drawing of any complex assets not on the main works, for major pumping and screening works at connection points, showing sufficient detail to support the description of the main treatment processes.

The Utility Regulator has yet to receive Annexes 5, 6 and 7 of the Omega Contract Report first submitted with AIR10. The company should submit the missing annexes with AIR13.

#### • **Consistency with the Company Accounts**

The total unitary charge and the sub-division of the unitary charge reported in Table 42 should be consistent with the company's expenditure reported in the company's audited accounts including consistency with the treatment of accruals and residual interest for the Kinnegar and Omega schemes.

The company should provide a statement in the commentary of the total accrual of PPP unitary charge carried in the company accounts at financial year end and provide a breakdown of this total between accruals relating to penalty payments and other accruals.

### **Company commentary**

Within the commentary NI Water should provide further information on various areas of the table where necessary. This should include:

- An explanation of any changes to the contract commencement dates where these vary from a date reported in a previous year.
- An explanation of any changes in the payment mechanism compared with that set out in the contract.
- Detail of any changes in the contractual compliance requirements at PPP water and wastewater treatment works.
- Details of any quality performance failures for each works during the calendar year; i.e. failure of statutory potable water quality standards or failure of Water Order discharge consents.
- Details of any deductions made to the PPP contractors. Information should be provided on each deduction and the reason for that deduction. Confirmation should also be provided on which line in the table the deduction has been reported under.
- Details of any equipment breakdowns (PPP contractor or NI Water) which affected or could have affected the performance of the PPP assets and could have resulted in contractual or statutory compliance failures.
- Nature and amounts recorded in lines 9, 10, 11, 12 and 19. This must include full disclosure of the origin and cause of additional payments or receipts in respect of PPP operations. The company must provide any reconciliation required between the totals recorded in the table, and the amounts recorded for PPP in note 24 of the statutory accounts, and in the relevant tables of the Regulatory Accounts. This includes the total of amounts recorded in lines 13, 15, and 20.
- A statement and explanation of the total accrual at year end in respect of the PPP unitary charge payment, a statement on any deductions made and a statement of the amount of the accrual which relates to disputed performance payments.
- Confirm whether any amendments have been made to the descriptive reports on each PPP concession and outline the extent of the amendments if any.
- Where any changes to the PPP contract conditions have come into effect during the year, these should be explained in detail; and the impact on performance requirements and unitary payments clearly identified for each works and scheme.

### Guidance to Reporter

The Reporter should consider the reasonableness of any assumptions made by NI Water. The Reporter should also ensure that the data provided is consistent where necessary with that provided in tables 35 and 36.

## Table 42 line definitions

### Block A - PROJECT DESCRIPTION

<b>1</b>	PPP Concession		text
<b>Definition</b>	Description of what sites belong to which PPP contract.		
<b>Primary Purpose</b>	Informing relative performance and efficiency assessments.		
<b>Processing rule</b>	Already completed		
<b>Responsibility</b>	Comparative Efficiency and Performance Team		

<b>2</b>	Service Area		text
<b>Definition</b>	Categorisation of PPP sites according to their service area i.e. water treatment, wastewater treatment etc.		
<b>Primary Purpose</b>	Informing relative performance and efficiency assessments.		
<b>Processing rule</b>	Already completed		
<b>Responsibility</b>	Comparative Efficiency and Performance Team		

<b>3</b>	Name of works		text
<b>Definition</b>	Name of works.		
<b>Primary Purpose</b>	Informing relative performance and efficiency assessments.		
<b>Processing rule</b>	Already completed		
<b>Responsibility</b>	Comparative Efficiency and Performance Team		

<b>4</b>	Commencement date	d/m/yr	
<b>Definition</b>	The estimated or actual start date for the commencement of the delivery of services under the concession contract.		
<b>Primary Purpose</b>	Informing relative performance and efficiency assessments.		
<b>Processing rule</b>	Input		
<b>Responsibility</b>	Comparative Efficiency and Performance Team		

<b>5</b>	Service duration	yrs	0dp
<b>Definition</b>	The contract period for the PPP concession.		
<b>Primary Purpose</b>	Informing relative performance and efficiency assessments.		
<b>Processing rule</b>	Input. The reported duration should reconcile to the difference between the service completion date and the commencement date. Any variance from this rule should be explained in the commentary		
<b>Responsibility</b>	Comparative Efficiency and Performance Team		

<b>6</b>	Service completion date	d/m/yr	
<b>Definition</b>	The estimated or actual date for the completion of delivery of services under the concession contract.		
<b>Primary Purpose</b>	Informing relative performance and efficiency assessments.		
<b>Processing rule</b>	Input		
<b>Responsibility</b>	Comparative Efficiency and Performance Team		

**Block B - PAYMENTS TO PPP CONCESSIONAIRE**

<b>7</b>	Unitary charge, capacity	£m	3dp
<b>Definition</b>	Capacity charge element of the unitary charge (before deductions or atypical expenditure).		
<b>Primary Purpose</b>	Informing relative performance and efficiency assessments.		
<b>Processing rule</b>	Input		
<b>Responsibility</b>	Regulatory Finance Team		

<b>8</b>	Unitary charge, variable	£m	3dp
<b>Definition</b>	The variable charge element of the unitary charge (before deductions or atypical expenditure).		
<b>Primary Purpose</b>	Informing relative performance and efficiency assessments.		
<b>Processing rule</b>	Input		
<b>Responsibility</b>	Regulatory Finance Team		

<b>9</b>	Unitary charge, deductions	£m	3dp
<b>Definition</b>	Performance deductions to payments from the unitary charge specified in the relevant PPP contracts, by individual facilities for the Alpha and Kinnegar schemes and by the overall scheme for Omega.		
<b>Primary Purpose</b>	Informing relative performance and efficiency assessments.		
<b>Processing rule</b>	Input		
<b>Responsibility</b>	Regulatory Finance Team		

<b>10</b>	Atypical expenditure	£m	3dp
<b>Definition</b>	PPP expenditure or savings arising from exceptional events outside standard contract payment terms and conditions, not included in the unitary charge payments or deductions in Lines 7 to 9.		
<b>Primary Purpose</b>	Informing relative performance and efficiency assessments.		
<b>Processing rule</b>	Input		
<b>Responsibility</b>	Regulatory Finance Team		

<b>11</b>	Efficiency Gains	£m	3dp
<b>Definition</b>	Savings in PPP unitary charge payments included in Lines 7 and 8 arising from efficiencies achieved by PPP contractor shared with NI Water. Details of the efficiency savings should be included in the commentary.		
<b>Primary Purpose</b>	Informing relative performance and efficiency assessments.		
<b>Processing rule</b>	Input (minus figure)		
<b>Responsibility</b>	Regulatory Finance Team		

<b>12</b>	Total PPP Payments	£m	3dp
<b>Definition</b>	Total of all payments to PPP contractor		
<b>Primary Purpose</b>	Informing relative performance and efficiency assessments.		
<b>Processing rule</b>	Calculated: sum of lines 7, 8, 9 and 10		
<b>Responsibility</b>	Regulatory Finance Team		

<b>13</b>	Capital repayment	£m	3dp
<b>Definition</b>	Capital component of on-balance sheet unitary charge		
<b>Primary Purpose</b>	Informing relative performance and efficiency assessments.		
<b>Processing rule</b>	Input		
<b>Responsibility</b>	Regulatory Finance Team		

<b>14</b>	Maintenance	£m	3dp
<b>Definition</b>	Capital maintenance component of on-balance sheet unitary charge		
<b>Primary Purpose</b>	Informing relative performance and efficiency assessments.		
<b>Processing rule</b>	Input		
<b>Responsibility</b>	Regulatory Finance Team		

<b>15</b>	Residual interest	£m	3dp
<b>Definition</b>	Residual interest component of off-balance sheet unitary charge		
<b>Primary Purpose</b>	Informing relative performance and efficiency assessments.		
<b>Processing rule</b>	Input		
<b>Responsibility</b>	Regulatory Finance Team		

<b>16</b>	Atypical payments capitalised	£m	3dp
<b>Definition</b>	PPP capital payments/receipts arising from exceptional events outside standard contract payment terms and conditions		
<b>Primary Purpose</b>	Informing relative performance and efficiency assessments.		
<b>Processing rule</b>	Input		
<b>Responsibility</b>	Regulatory Finance Team		

<b>17</b>	Total Capitalised	£m	3dp
<b>Definition</b>	Total of PPP payments capitalised		
<b>Primary Purpose</b>	Informing relative performance and efficiency assessments.		
<b>Processing rule</b>	Calculated: sum of lines 13, 14, 15 and 16		
<b>Responsibility</b>	Regulatory Finance Team		

<b>18</b>	Total PPP expenditure expensed	£m	3dp
<b>Definition</b>	Total charge to P & L account arising from payment of PPP contracts		
<b>Primary Purpose</b>	Informing relative performance and efficiency assessments		
<b>Processing rule</b>	Calculated: line 12 minus line 17		
<b>Responsibility</b>	Regulatory Finance Team		

<b>19</b>	Interest	£m	3dp
<b>Definition</b>	Finance charge of on-balance sheet PPP assets.		
<b>Primary Purpose</b>	Informing relative performance and efficiency assessments.		
<b>Processing rule</b>	Input		
<b>Responsibility</b>	Regulatory Finance Team		



<b>20</b>	Total PPP payments	£m	3dp
<b>Definition</b>	Total PPP service payments expensed to profit & loss account (excluding interest payments)		
<b>Primary Purpose</b>	Informing relative performance and efficiency assessments.		
<b>Processing rule</b>	Calculated: line 18 minus line 19		
<b>Responsibility</b>	Regulatory Finance Team		

## Block C – WATER DISTRIBUTION EXPLANATORY DATA

<b>21</b>	Distribution input	MI/d	2dp
<b>Definition</b>	<p>Distribution input is the average amount of potable water entering the distribution system and supplied to customers within the company's area of supply. It is expected to be equal to metered distribution input.</p> <p>The reported quantities should be consistent with total distribution input reported in table 10 line 26.</p>		
<b>Primary Purpose</b>	Informing relative performance and efficiency assessments.		
<b>Processing rule</b>	Input		
<b>Responsibility</b>	Network Regulation Team		

<b>21a</b>	Water Treatment Works Capacity	MI/d	0dp
<b>Definition</b>	The Required Minimum Capacity ( $Q_{\min\text{req}}$ ) of each facility as specified in the Alpha contract.		
<b>Primary Purpose</b>	Confirming delivery of key outputs and service.		
<b>Processing rule</b>	Input		
<b>Responsibility</b>	Network Regulation Team		

<b>22</b>	Total length of mains at 31 <sup>st</sup> March	km	2dp
<b>Definition</b>	<p>Total length of mains, potable water. Raw water mains to be treated as aqueducts and report in the commentary box on partially treated or non-potable mains.</p> <p>The report should be limited to mains operated by the PPP concessionaire.</p>		
<b>Primary Purpose</b>	Confirming delivery of key outputs and service.		
<b>Processing rule</b>	Input		
<b>Responsibility</b>	Network Regulation Team		

## Block D – WATER RESOURCE AND TREATMENT EXPLANATORY DATA

<b>23</b>	Turbidity 95 <sup>th</sup> ile greater than or equal to 0.5NTU	1/0	0dp
<b>Definition</b>	Whether the 95 <sup>th</sup> ile turbidity calculated following the guidance for table 11a is greater than or equal to 0.5NTU. 1=true, 0=false.		
<b>Primary Purpose</b>	Confirming delivery of key outputs and service		
<b>Processing rule</b>	Input		
<b>Responsibility</b>	Network Regulation Team		

<b>24</b>	Turbidity 95%ile less than 0.5NTU	1/0	Odp
<b>Definition</b>	Whether the 95%ile turbidity calculated following the guidance for table 11a is less than 0.5NTU. 1=true, 0=false.		
<b>Primary Purpose</b>	Confirming delivery of key outputs and service		
<b>Processing rule</b>	Input		
<b>Responsibility</b>	Network Regulation Team		

<b>25</b>	Source Type	Text	
<b>Definition</b>	Identifier of source type as defined in the guidance for Table 12: water: <ul style="list-style-type: none"> <li>• I = impounding reservoirs;</li> <li>• R = river abstractions, and</li> <li>• B = boreholes.</li> </ul> Multiple choices should be entered where appropriate. The individual works entries should reconcile to the summary data in the PPP section of Table 12.		
<b>Primary Purpose</b>	Informing relative performance and efficiency assessments.		
<b>Processing rule</b>	Input		
<b>Responsibility</b>	Comparative Efficiency & Performance Team		

<b>26</b>	Treatment type.	Text	
<b>Definition</b>	Identified of water treatment type as defined in the guidance for Table 12: <ul style="list-style-type: none"> <li>• SD: Works providing simple disinfection only.</li> <li>• W1: Simple disinfection plus simple physical treatment only.</li> <li>• W2: Single stage complex physical or chemical treatment only.</li> <li>• W3: More than one stage of complex treatment but excluding processes in W4.</li> <li>• W4: This category is intended to capture processes with very high operating costs.</li> </ul> A single choice should be entered. The individual works entries should reconcile to the summary data in the PPP section of Table 12.		
<b>Primary Purpose</b>	Informing relative performance and efficiency assessments.		
<b>Processing rule</b>	Input		
<b>Responsibility</b>	Comparative Efficiency & Performance Team		

<b>27</b>	Average pumping head	m.hd	1dp
<b>Definition</b>	The average pumping head for each facility calculated in accordance with the guidance for Table 12. <b>Deletion</b> The total for PPP concessions should reconcile to the total in the PPP section of Table 12.		
<b>Primary Purpose</b>	Informing relative performance and efficiency assessments.		
<b>Processing rule</b>	Input		
<b>Responsibility</b>	Comparative Efficiency & Performance Team		

**Block E – SEWERAGE EXPLANATORY DATA**

<b>28</b>	Total length of sewers	km	2dp
<b>Definition</b>	Total length of sewers at 31 <sup>st</sup> March. Include gravity sewers, rising mains. Include sewers operated by the PPP concession and exclude sewers operated by NI Water.		
<b>Primary Purpose</b>	Confirming delivery of key outputs and service.		
<b>Processing rule</b>	Input		
<b>Responsibility</b>	Network Regulation Team		

<b>29</b>	Total length of "critical" sewers	km	2dp
<b>Definition</b>	Total length of "critical" sewers at 31 <sup>st</sup> March. Include gravity sewers and rising mains. Include sewers operated by the PPP concession and exclude sewers operated by NI Water. Definition of "critical" comes from WRc Sewerage Rehabilitation Manual. Critical sewers are those, whose collapse repairs will be expensive or disruptive or those, which are considered to be strategically important. The principal structural criterion is that if a sewer should fail, the subsequent costs would be significantly higher than if rehabilitated before failure [more precise definition will be found in the WRc Manual].		
<b>Primary Purpose</b>	Confirming delivery of key outputs and service.		
<b>Processing rule</b>	Input		
<b>Responsibility</b>	Network Regulation Team		

**Block F – SEWAGE TREATMENT AND DISPOSAL EXPLANATORY DATA**

<b>30</b>	Population equivalent of total load received	000	0dp
<b>Definition</b>	The average equivalent population of the total load received by the treatment works during the year. Total load will be comprised of both resident and non-resident population loads. The total load and population equivalent should be calculated following the guidance for Table 17b.		
<b>Primary Purpose</b>	Informing relative performance and efficiency assessments.		
<b>Processing rule</b>	Input		
<b>Responsibility</b>	Comparative Efficiency and Performance Team		

<b>31</b>	Total load receiving treatment (BOD <sub>5</sub> /day)	kg BOD/day	0dp
<b>Definition</b>	This is the total pollution load in tonnes BOD <sub>5</sub> /day that receives treatment. The total load includes load from domestic population, trade effluent, tankered loads and holiday population. The total load and population equivalent should be calculated following the guidance for Table 17d and b. The reported load should reconcile to the PPP section of Table 15 lines 2, 3, 4 and 5 as appropriate for the level of treatment.		
<b>Primary Purpose</b>	Informing relative performance and efficiency assessments.		
<b>Processing rule</b>	Input		
<b>Responsibility</b>	Comparative Efficiency & Performance Team		

<b>32</b>	Suspended solids consent	mg/l	0dp
<b>Definition</b>	The value of the effluent consent standard with respect to suspended solids. This figure must be as determined by NIEA and NI Water's own assessment of the consent standard.		
<b>Primary Purpose</b>	Informing relative performance and efficiency assessments.		
<b>Processing rule</b>	Input		
<b>Responsibility</b>	Comparative Efficiency and Performance Team		

<b>33</b>	BOD <sub>5</sub> consent	mg/l	0dp
<b>Definition</b>	The value of the effluent consent standard with respect to BOD <sub>5</sub> . This figure must be as determined by NIEA and not NI Water's own assessment of the consent standard.		
<b>Primary Purpose</b>	Informing relative performance and efficiency assessments.		
<b>Processing rule</b>	Input		
<b>Responsibility</b>	Comparative Efficiency and Performance Team		

<b>34</b>	COD consent	mg/l	0dp
<b>Definition</b>	The value of the effluent standard with respect to the Chemical Oxygen Demand, if applicable at the works in question. This figure must be as determined by NIEA and not NI Water's own assessment of the consent standard.		
<b>Primary Purpose</b>	Informing relative performance and efficiency assessments.		
<b>Processing rule</b>	Input		
<b>Responsibility</b>	Comparative Efficiency and Performance Team		

<b>35</b>	Ammonia consent	mg/l	0dp
<b>Definition</b>	The value of the effluent consent standard with respect to Ammonia. This figure must be as determined by NIEA and NI Water's own assessment of the consent standard.		
<b>Primary Purpose</b>	Informing relative performance and efficiency assessments.		
<b>Processing rule</b>	Input		
<b>Responsibility</b>	Comparative Efficiency and Performance Team		

<b>36</b>	Phosphates consent	mg/l	0dp
<b>Definition</b>	The value of the effluent consent standard with respect to phosphorus, if applicable at the works in question. This figure must be as determined by NIEA and not NI Water's own assessment of the consent standard.		
<b>Primary Purpose</b>	Informing relative performance and efficiency assessments.		
<b>Processing rule</b>	Input		
<b>Responsibility</b>	Comparative Efficiency and Performance Team		

<b>37</b>	Classification of Treatment Works	text	
<b>Definition</b>	<p>The classification of the works for the purpose of tables 17c to 17f using the following indicators:</p> <p>P = Primary treatment;                      SAS = Secondary Activated Sludge;            SB = Secondary Biological;              TA1 = Tertiary A1;            TA2 = Tertiary A2;                      TB1 = Tertiary B1;            TB2 = Tertiary B2</p> <p>Where a works load is split into two treatment streams, the works should be reported in this line as the higher of the two proportions. For example, a works with a split of 60% Secondary Activated Sludge and 40% Secondary Biological, should be classed as Secondary Activated Sludge (SAS) in this line.</p>		
<b>Primary Purpose</b>	Informing relative performance and efficiency assessments.		
<b>Processing rule</b>	Input		
<b>Responsibility</b>	Comparative Efficiency and Performance Team		

<b>38</b>	Size band of sewage treatment works	nr	0dp
<b>Definition</b>	The size band of the works in accordance with guidance provided in Chapter 17c		
<b>Primary Purpose</b>	Informing relative performance and efficiency assessments.		
<b>Processing rule</b>	Input		
<b>Responsibility</b>	Comparative Efficiency and Performance Team		

#### Block G – SEWAGE SLUDGE TREATMENT AND DISPOSAL DATA

<b>39</b>	Sewage sludge imported from NI Water	ttds	3dp
<b>Definition</b>	The amount of sewage sludge generated by NI Water imported to PPP sites during the report year expressed in thousands of tonnes of dry solids of sludge produced.		
<b>Primary Purpose</b>	Informing relative performance and efficiency assessments.		
<b>Processing rule</b>	Input The total should reconcile to the total on Table 17g for sludge exported from NI Water to PPP.		
<b>Responsibility</b>	Network Regulation Team		

<b>40</b>	Sewage sludge produced by the PPP facility.	ttds	3dp
<b>Definition</b>	The amount of sewage sludge produced by the treatment of sewage on the PPP facility in the report year expressed in thousands of tonnes of dry solids of sludge produced.		
<b>Primary Purpose</b>	Informing relative performance and efficiency assessments.		
<b>Processing rule</b>	Input		
<b>Responsibility</b>	Network Regulation Team		

<b>41</b>	Sewage sludge exported to the Duncrue Street PPP facility.	ttds	3dp
<b>Definition</b>	The amount of sewage sludge exported from the PPP facility to the PPP facility at Duncrue Street in the report year expressed in thousands of tonnes of dry solids of sludge produced.		
<b>Primary Purpose</b>	Informing relative performance and efficiency assessments.		
<b>Processing rule</b>	Input		
<b>Responsibility</b>	Network Regulation Team		

<b>42</b>	Sewage sludge exported to the other PPP facilities.	ttds	3dp
<b>Definition</b>	The amount of sewage sludge exported from the PPP facility in the report year to other PPP facilities other than Duncrue Street expressed in thousands of tonnes of dry solids of sludge produced.		
<b>Primary Purpose</b>	Informing relative performance and efficiency assessments.		
<b>Processing rule</b>	Input		
<b>Responsibility</b>	Network Regulation Team		

<b>43</b>	Sewage sludge exported to NI Water.	ttds	3dp
<b>Definition</b>	The amount of sewage sludge exported from the PPP facility in the report year to NI Water expressed in thousands of tonnes of dry solids of sludge produced.		
<b>Primary Purpose</b>	Informing relative performance and efficiency assessments.		
<b>Processing rule</b>	Input		
<b>Responsibility</b>	Network Regulation Team		

<b>44</b>	Sewage sludge disposed of to Farmland Untreated.	ttds	3dp
<b>Definition</b>	The amount of untreated sewage sludge disposed of to farmland from the PPP facility in the report year expressed in thousands of tonnes of dry solids of sludge produced.		
<b>Primary Purpose</b>	Informing relative performance and efficiency assessments.		
<b>Processing rule</b>	Input		
<b>Responsibility</b>	Network Regulation Team		

<b>45</b>	Sewage sludge disposed of to Farmland Conventional.	ttds	3dp
<b>Definition</b>	The amount of conventionally treated sewage sludge disposed of to farmland from the PPP facility in the report year expressed in thousands of tonnes of dry solids of sludge produced.		
<b>Primary Purpose</b>	Informing relative performance and efficiency assessments.		
<b>Processing rule</b>	Input		
<b>Responsibility</b>	Network Regulation Team		

<b>46</b>	Sewage sludge disposed of to Farmland Advanced.	ttds	3dp
<b>Definition</b>	The amount of advance treated sewage sludge disposed of to farmland from the PPP facility in the report year expressed in thousands of tonnes of dry solids of sludge produced.		
<b>Primary Purpose</b>	Informing relative performance and efficiency assessments.		
<b>Processing rule</b>	Input		
<b>Responsibility</b>	Network Regulation Team		

<b>47</b>	Sewage sludge disposed of to Incineration.	ttds	3dp
<b>Definition</b>	The amount of sewage sludge disposed of to incineration from the PPP facility in the report year expressed in thousands of tonnes of dry solids of sludge produced.		
<b>Primary Purpose</b>	Informing relative performance and efficiency assessments.		
<b>Processing rule</b>	Input		
<b>Responsibility</b>	Network Regulation Team		

<b>48</b>	Sewage sludge disposed of to Landfill.	ttds	3dp
<b>Definition</b>	The amount of sewage sludge disposed of to landfill from the PPP facility in the report year expressed in thousands of tonnes of dry solids of sludge produced.		
<b>Primary Purpose</b>	Informing relative performance and efficiency assessments.		
<b>Processing rule</b>	Input		
<b>Responsibility</b>	Network Regulation Team		

<b>49</b>	Sewage sludge disposed of to Compost.	ttds	3dp
<b>Definition</b>	The amount of sewage sludge disposed of to compost from the PPP facility in the report year expressed in thousands of tonnes of dry solids of sludge produced.		
<b>Primary Purpose</b>	Informing relative performance and efficiency assessments.		
<b>Processing rule</b>	Input		
<b>Responsibility</b>	Network Regulation Team		

<b>50</b>	Sewage sludge disposed of to Land Reclamation.	ttds	3dp
<b>Definition</b>	The amount of sewage sludge disposed of to land reclamation from the PPP facility in the report year expressed in thousands of tonnes of dry solids of sludge produced.		
<b>Primary Purpose</b>	Informing relative performance and efficiency assessments.		
<b>Processing rule</b>	Input		
<b>Responsibility</b>	Network Regulation Team		

<b>51</b>	Sewage sludge disposed of to Other.	ttds	3dp
<b>Definition</b>	The amount of sewage sludge disposed of disposal routes other than those accounted for above from the PPP facility in the report year expressed in thousands of tonnes of dry solids of sludge produced.		
<b>Primary Purpose</b>	Informing relative performance and efficiency assessments.		
<b>Processing rule</b>	Input		
<b>Responsibility</b>	Network Regulation Team		

<b>52</b>	Sewage sludge disposed of by the PPP concessionaire.	ttds	3dp
<b>Definition</b>	The total amount of sewage sludge disposed through all disposal routes by the PPP concessionaire in the report year expressed in thousands of tonnes of dry solids of sludge produced, excluding any sludge returned to NI Water for further treatment or disposal.		
<b>Primary Purpose</b>	Informing relative performance and efficiency assessments.		
<b>Processing rule</b>	<b>Calculated.</b> Sum lines 44 to 51.		
<b>Responsibility</b>	Network Regulation Team		



## CHANGE CONTROL SHEET

### CHAPTER 42

2010/1.0	First issue of chapter for the SBP period.
2010/2.0	Revised issue 24-06-2010, Section B amended and Table 42 reissued.
2011/1.0	First issue of chapter for the PC10 period. <ul style="list-style-type: none"> <li>• Minor text revisions.</li> <li>• Removal of requirement to complete PPP descriptive reports unless to explain major changes or errors in earlier submissions.</li> </ul>
2012/1.0	Second issue of chapter for the PC10 period. <ul style="list-style-type: none"> <li>- Additional requirement for confirmation of compliance with statutory water quality standards and Water Order discharge consents.</li> <li>- Additional requirement for detailed breakdown in the commentary of deductions from PPP contractor payments.</li> <li>- Request for missing annexes 5 – 7 from Omega Contract Report first submitted with AIR10</li> </ul>
2013/1.0	Third issue of chapter for the PC10 period. <ul style="list-style-type: none"> <li>- Additional requirement for commentary on any changes to PPP contracts.</li> <li>- Amendment to average pumping head line guidance.</li> <li>- Minor text revisions.</li> </ul>