

W5 - Asset information for the water service
Base year 2012-13

Line description				Item references		Units	DPs	Total	All assets		RAG 4.06			Comments
								GMEAV £m	NMEAV £m	Total	GMEAV £m	NMEAV £m		
MEAV				RAG 4.06										
A	A	Water resources												
1	1	Dams and impounding reservoirs		See individual cells		nr	0	77	673.331		77	673.331		
2	2	Transmission between raw water sites				km	1	350.4	140.428		350.4	140.428		
3	3	Intake and source pumping stations				nr	0	404	126.735	90.580	404	126.735	90.580	
4	4	Water resources management and general							3.716	2.059		3.716	2.059	
B	B	Raw water distribution												
5	5	Raw water aqueducts				km	1	321.0	164.496		321.0	164.496		
6		Raw water balancing tanks and other structures				nr	0	16	25.225	24.482				
7	6	Booster pumping stations				nr	0	20	3.875	3.040	10	1.937	1.520	
8	7	Raw water distribution management and general							0.801	0.438		0.688	0.024	
	C	Network+ Raw water storage												
	8	Raw water balancing tanks and other structures				nr	0				16	25.225	24.482	
	9	Booster pumping stations				nr	0				10	1.937	1.520	
	10	Raw water storage management and general										0.112	0.414	
C	D	Water treatment												
9	11	Water treatment works				nr	0	93	662.425	177.407	93	662.425	177.407	
10	12	Forwarding pumping stations				nr	0	94	126.134	116.612	94	126.134	116.612	
11	13	Water treatment management and general							16.121	6.562		16.121	6.562	
D	E	Treated water distribution												
12	14	Service reservoirs and water towers				nr	0	500	581.815	561.815	500	581.815	561.815	
13	15	Booster pumping stations				nr	0	604	165.349	111.7086	604	165.349	111.7086	
14	16	Treated water storage				nr	0	11	1.571	1.521	11	1.571	1.521	
15	17	Water mains < 320mm				km	1	25342.5	4966.830		25342.5	4966.830		
16	18	Water mains ≥ 320mm				km	1	1883.2	846.349		1883.2	846.349		
17	19	Communication pipes				nr	0	987990	508.112		987990	508.112		
	20	Customer meters				nr	0				324130	152.876	33.983	
18	21	Treated water distribution management and general							30.093	16.820		45.774	29.809	
E		Other												
19		Customer meters				nr	0	324130	152.876	33.98297				
20		Retail management and general							15.681	12.989				

Under the new definitions in RAG 4.06 booster pumping stations come under both Network+ Raw water transport (RAG 4.06 section B) and Network+ Raw water storage (RAG 4.06 section C). Hence the original booster pump total and EMEAV are split 50% in each section

Under the new definitions in RAG 4.06 customer meters comes under Network+ Treated water distribution (RAG 4.06 section E). Hence the customer meter line has been merged into this section and the EMEAV values have been summed to get a combined total

S5 - Asset information for wastewater service
Base year 2012-13

Line description		Item references	Units	DPs	Total	All assets		RAG 4.06			
						GMEAV	NMEAV	Total	GMEAV	NMEAV	
						£m	£m		£m	£m	
MEAV	A	RAG 4.06									
	A	Sewage collection									
	1	Critical sewers	km	1	4012.4	8731.417					
	2	Non-critical sewers	km	1	13461.8	5459.466					
	3	Sewage pumping mains	km	1	1190.9	597.414					
	4	Combined sewer and emergency overflows	nr	0	3185	514.662					
	5	Other sewer structures	nr	0	167	40.661					
	6	Sewage pumping stations	nr	0	1689	546.592	219.256				
	7	Sewage collection management and general				31.935	14.739				
	A	Network+ Sewage collection foul									
	1	Critical sewers	km	1				3217.1	7000.767		
	2	Non-critical sewers	km	1				11013.8	4466.681		
	3	Sewage pumping mains	km	1				974.3	488.777		
	4	Combined sewer and emergency overflows	nr	0				3185	514.662		
	5	Other sewer structures	nr	0				56	13.554		
	6	Sewage pumping stations	nr	0				1635	529.138	212.255	
	7	Sewage collection management and general						25.605	13.983		
	B	Network+ Sewage collection surface water drainage									
	8	Critical sewers	km	1				716.3	1558.690		
	9	Non-critical sewers	km	1				2403.1	974.597		
	10	Sewage pumping mains	km	1				212.6	106.648		
	11	Other sewer structures	nr	0				56	13.554		
	12	Sewage pumping stations	nr	0				54	17.454	7.001	
	13	Sewage collection management and general						5.701	0.471		
	C	Network+ Sewage collection highway drainage									
	14	Critical sewers	km	1				13.4	29.088		
	15	Non-critical sewers	km	1				44.8	18.188		
	16	Sewage pumping mains	km	1				4.0	1.990		
	17	Other sewer structures	nr	0				56	13.554		
	18	Sewage collection management and general						0.000	0.000		
	B	D	Sewage treatment								
	8	19	Terminal pumping stations	nr	0	223	93.818	34.860	223	93.818	34.860
	9	20	Sewage treatment works	nr	0	838	1702.701	1091.613	838	1702.701	1091.613
	10	21	Sea outfalls	nr	0	219	435.230		219	435.230	
	11	22	Sewage treatment management and general				22.166	9.347	22.166	9.347	
	E	Network+ Sludge liquor treatment									
	23	Pipework	nr	0				32.8	71.436		
	24	Sludge liquor treatment management and general						0.261	0.143		
	F	Sludge transport									
	25	Pipework	nr	0				32.8	71.436		
	26	Sludge transport management and general						0.261	0.143		
	C	G	Sludge treatment								
	12	27	Sludge treatment plant	nr	0	30	150.913	90.229	30	150.913	90.229
	13	28	Sludge treatment management and general				2.002	1.096	2.002	1.096	
	D	H	Sludge disposal								
	14	29	Sludge disposal management and general				1.926	1.073	1.926	1.073	

Comments

Under the new definitions in RAG 4.06 sewage collection has been split into three sections (foul+combined, surface water drainage and highways). Hence the original figures have been split into the three new sections. When looking at the lengths (km), a GIS extract provided the ratio of public sewer length for each category. This ratio has been applied to the total length (Foul = 81.8%, SWD = 17.9% and Highway = 0.3%). Foul has 2% removed from section A line 1 in RAG 4.06. This 2% has been equally split to produce length in RAG 4.06 sections E and F. Combined sewer and emergency overflow has been moved into section A (Foul). The other structures have been divided equally between the three new section. A GIS extract showed the ratio of the sewage pumping stations for each category (Foul = 96.8% and SWD = 3.2%). These ratios were applied to the original number of 1689 to get the numbers for sections A and B in RAG 4.06. For sections A, B and C in RAG 4.06 £GMEAV has used the length ratios from the original £GMEAV value, £NMEAV uses the pumping station ratios of the original value. For sections E and F, the values are 1% of the original.