

SECTION G: INVESTMENT MONITORING
Table G1: Summary - Investment

Line Ref.	Description	Units	Field Type	10	20	30	40	50	60	70	80
				Report Year Pre 2010	Report Year 2010-11	Report Year 2011-12	Report Year 2012-13	Report Year 2013-14	Forecast Year 2014-15	Forecast Post 2015	Forecast Total Financed in SRC10-15
Capital Maintenance											
G1.1	Water Service Infrastructure	£m	I	0.535	64.185	65.350	73.642	79.686	77.818	0.000	361.216
G1.2	Water Service Non-Infrastructure	£m	I	0.071	28.497	31.223	49.061	46.630	35.182	0.000	190.665
G1.3	Wastewater Service Infrastructure	£m	I	0.123	25.953	20.482	34.202	47.654	53.315	0.000	181.729
G1.4	Wastewater Service Non-Infrastructure	£m	I	1.339	36.930	58.579	62.049	54.677	45.001	0.000	258.575
G1.5	Management and General	£m	I	0.000	48.805	40.111	54.485	56.313	52.698	0.000	252.412
G1.6	Total Capital Maintenance	£m	C	2.068	204.370	215.744	273.439	284.960	264.015	0.000	1244.597
Growth											
G1.7	Total Growth in the Water Network	£m	I	0.217	6.128	4.214	2.217	2.810	3.132	0.000	18.718
G1.8	Total Growth in the Wastewater Network	£m	I	1.268	17.174	8.092	13.002	19.275	32.952	1.656	93.420
G1.9	Total Water Reasonable Cost Contributions	£m	I	0.000	3.822	6.061	3.867	10.054	2.536	0.000	26.340
G1.10	Total Wastewater Reasonable Cost Contributions	£m	I	0.000	12.901	9.797	6.116	8.473	9.978	0.000	47.265
G1.11	Total Growth Expenditure	£m	C	1.485	40.025	28.164	25.203	40.612	48.599	1.656	185.744
Q&SIIb Enhancement Expenditure											
G1.12	Total Drinking Water Quality Enhancements	£m	I	14.039	45.337	83.879	77.779	58.528	46.341	23.566	349.468
G1.13	Total Environmental Enhancements	£m	I	24.637	41.980	82.984	68.604	55.458	78.398	218.493	570.553
G1.14	Total Customer Service Enhancements	£m	I	0.650	2.739	5.775	6.606	11.155	5.705	1.692	34.323
G1.15	Total Climate Change Enhancements	£m	I	0.052	0.579	1.493	10.376	12.310	17.665	0.701	43.176
G1.16	Total Additional Final Determination Enhancements	£m	I	0.000	-3.681	-4.730	-3.266	-3.282	-3.938	72.203	53.306
G1.17	Total Q&SIIb Enhancement Expenditure	£m	C	39.377	86.954	169.401	160.099	134.169	144.172	316.654	1050.826
Q&SIIb Enhancement - Outputs Monitoring Group Unallocated Enhancement Expenditure											
G1.18	Total remaining OMG Unallocated Investment	£m	I	0.000	0.000	0.000	0.000	0.000	0.000	-31.373	-31.373
Q&SII & IIIa Completion Expenditure											
G1.19	Total Q&SII Completion Expenditure	£m	I	0.000	37.122	9.924	0.170	0.016	0.009	0.000	47.241
G1.20	Total Q&SIIa Completion Expenditure	£m	I	0.000	71.234	36.904	26.181	9.176	4.653	1.111	149.259
G1.21	Total Q&SII & IIIa Completion Expenditure	£m	C	0.000	108.356	46.827	26.350	9.193	4.662	1.111	196.500
Q&SIV Early Start											
G1.22	Total Q&SIV Early Start Enhancement Expenditure	£m	I	0.000	0.683	1.064	2.351	6.280	29.357	0.000	39.735
Total Additional Operating Expenditure											
G1.23	Additional Operating Expenditure from Water Growth	£m	I	0.000	0.000	0.001	0.002	0.005	0.039	0.026	0.072
G1.24	Additional Operating Expenditure from Wastewater Growth	£m	I	0.000	0.000	0.001	0.000	0.240	0.548	0.608	1.398
G1.25	Additional Operating Expenditure from Drinking Water Quality Enhancements	£m	I	0.043	0.025	0.002	0.062	0.425	1.152	0.704	2.413
G1.26	Additional Operating Expenditure from Environmental Enhancements	£m	I	0.000	0.398	0.185	0.213	0.430	1.364	0.421	3.011
G1.27	Additional Operating Expenditure from Customer Service Enhancements	£m	I	0.000	0.000	0.007	0.000	0.000	-1.746	-2.917	-4.656
G1.28	Additional Operating Expenditure from the Additional Final Determination Enhancements	£m	I	0.000	0.000	0.000	0.000	0.000	0.767	-0.302	0.465
G1.29	Additional Operating Expenditure from the Q&SII Completion Expenditure	£m	I	0.000	0.000	0.001	0.482	0.310	0.000	0.000	0.793
G1.30	Additional Operating Expenditure from the Q&SIIa Completion Expenditure	£m	I	0.000	0.248	0.096	0.523	0.213	0.000	0.000	1.081
G1.31	Additional Operating Expenditure from the Q&SIV Early Start Expenditure	£m	I	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
G1.32	Total Additional Operating Expenditure	£m	C	0.043	0.671	0.293	1.281	1.623	2.125	-1.459	4.576
Grants and Capital Contributions											
G1.33	Grants for infrastructure assets	£m	I	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
G1.34	Grants for non-infrastructure assets	£m	I	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
G1.35	Contributions to infrastructure assets	£m	I	0.000	1.102	8.092	6.638	6.957	0.000	0.000	22.789
G1.36	Contributions to non-infrastructure assets	£m	I	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
G1.37	"Infrastructure charge" contributions for infrastructure assets	£m	I	0.000	2.866	4.114	2.100	6.655	0.000	0.000	15.735
G1.38	Total Capital Contributions	£m	C	0.000	3.968	12.206	8.738	13.612	0.000	0.000	38.524
Expenditure Totals											
G1.39	Capital Maintenance Expenditure	£m	C	2.068	204.370	215.744	273.439	284.960	264.015	0.000	1244.597
G1.40	Growth Expenditure	£m	C	1.485	40.025	28.164	25.203	40.612	48.599	1.656	185.744
G1.41	Q&SIIb Enhancement Expenditure	£m	C	39.377	86.954	169.401	160.099	134.169	144.172	285.281	1019.453
G1.42	Q&SII & IIIa Enhancement Expenditure	£m	C	0.000	108.356	46.827	26.350	9.193	4.662	1.111	196.500
G1.43	Q&SIV Early Start Expenditure	£m	C	0.000	0.683	1.064	2.351	6.280	29.357	0.000	39.735
G1.44	Gross Capital Investment	£m	C	42.930	440.388	461.201	487.442	475.214	490.805	288.048	2686.028
G1.45	Total Capital Contributions	£m	C	0.000	3.968	12.206	8.738	13.612	0.000	0.000	38.524
G1.46	Net Capital Investment	£m	C	42.930	436.420	448.996	478.704	461.602	490.805	288.048	2647.505
G1.47	Total Additional Operating Expenditure	£m	C	0.043	0.671	0.293	1.281	1.623	2.125	-1.459	4.576

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SECTION G: INVESTMENT MONITORING
Table G2: Summary - Outputs

Line Ref.	Description	Units	Field Type	10	20	30	40	50	60	70	80
				Report Year Pre 2010	Report Year 2010-11	Report Year 2011-12	Report Year 2012-13	Report Year 2013-14	Forecast Year 2014-15	Forecast Post 2015	Forecast Total
Growth											
G2.1	Strategic Capacity - Water Treatment [WG1]	Pe	I	0	8041	22090	34	0	7152	373	37690
G2.2	Strategic Capacity - Wastewater Treatment [SG1]	Pe	I	0	9496	13529	897	4720	4515	4862	38019
G2.3	Strategic Water Network Capacity (Infrastructure Charge) [WG5]	Pe	I	0	16625	105	5315	0	0	0	22045
G2.4	Strategic Wastewater Network Capacity (Infrastructure Charge) [SG5]	Pe	I	0	0	0	0	0	0	0	0
Q&SIIIb Enhancements - Drinking Water Quality											
G2.5	Number of Zones with reduced lead levels to meet the standard [DW1A]	No.	I	0	7	21	21	12	3	0	64
G2.6	Number of treatment works improved to meet drinking water quality standards [DW3]	No.	I	0	0	0	2	1	2	3	8
G2.7	Length of mains rehabilitated (including flushing & swabbing) to improve drinking water quality [DW5]	km	I	0.000	0.000	100.078	1839.244	666.531	461.455	1024.091	4091.399
G2.8	Number of DMAs subject to water quality investigations [DW5A]	No.	I	0	61	65	17	0	0	0	143
G2.9	Number of tanker fill points installed [DW8]	No.	I	0	0	14	0	0	0	0	14
G2.10	Number of sites with increased physical security [DW9]	No.	I	0	0	119	257	230	136	25	767
G2.11	Type A Raw Water Supplies provided with treatment [DW10]	No.	I	0	0	1	0	2	3	0	6
G2.12	Number of WwTW with Backflow prevention devices installed [DW11]	No.	I	0	4	173	72	18	1	0	268
G2.13	Number of WTW receiving improved disinfection control [DW13]	No.	I	0	0	12	8	4	5	2	31
G2.14	Number of zones covered by Water safety plans [DW16]	No.	I	0	109	87	0	0	0	0	196
G2.15	Number of WTW with reduced Cryptosporidium risk [DW23]	No.	I	0	0	0	12	10	16	8	46
G2.16	Number of raw water sampling points provided to comply with WFD [DW24]	No.	I	0	0	0	86	130	14	0	230
G2.17	Lead communications pipe survey completed	No.	I	0	0	0	1	0	0	0	1
G2.18	Number of water resource zones with company Level of Service restored (excluding 7 stage) [WG4]	No.	I	0	0	0	1	0	0	0	1
G2.19	Number of opportunistic lead pipe replacements undertaken [DW1B]	No.	I	0	0	0	0	6	14512	344	14862
G2.20	Number of customer requested lead pipe replacements undertaken [DW1C]	No.	I	0	0	0	0	612	1888	0	2500
G2.21	Type B (customer requested) Raw Water Supplies provided with treatment [DW10]	No.	I	0	0	0	0	20	39	0	59
Q&SIIIb Enhancements - Environment											
G2.22	Number of UIDs improved to meet new standard (excluding 7 stage) [EC01B, EC03B, EC10B]	No.	I	0	3	2	8	9	2	0	24
G2.23	Number of UIDs improved to meet new standard (under 7 stage) [EC04B, EC10B]	No.	I	0	0	33	11	27	66	76	213
G2.24	Number of legislative requirements met through improved WwTW discharges [EC01A, EC03A, EC04A, EC10A]	No.	I	0	1	26	9	9	15	14	74
G2.25	Improvements to the Wastewater Network (properties) [SG3]	No.	I	0	0	0	15	0	0	0	15
G2.26	Number of WwTW discharges improved to meet existing licence standards [WQ01]	No.	I	0	0	10	9	3	2	0	24
G2.27	Number of WwPS improved to meet existing licence conditions [WQ01C]	No.	I	0	0	5	11	3	1	2	22
G2.28	Number of surface water systems improved [EC09B, EC10D]	No.	I	0	0	0	0	3	3	0	6
G2.29	Number of dual manhole systems improved [EC01C, EC04D]	No.	I	0	0	2	0	9	0	0	11
G2.30	Number of sludge treatment facilities improved to comply with safe sludge matrix [EC06]	No.	I	0	0	1	0	1	0	0	2
G2.31	Number of WwTW brought into compliance with non-sanitary requirements [WQ01A]	No.	I	0	0	7	17	36	23	0	83
G2.32	Number of wastewater network assets brought into compliance with non-sanitary requirements [WQ01B]	No.	I	0	0	15	63	111	41	0	230
G2.33	Number of environmental studies undertaken [EC01D, EC03C, EC04C, EC07C, EC08C, EC10E, NH01A, SG3, EC16, WR1A, WR2B]	No.	I	7	7	31	47	20	2	0	114
G2.34	Number of assets covered by flooding risk assessments [CS16W & CS16S]	No.	I	0	0	216	78	0	0	0	294
G2.35	Number of water resource zones with the company's level of service restored (under 7 stage) [WG4]	No.	I	0	0	0	4	5	3	2	14
Q&SIIIb Enhancements - Customer Service											
G2.36	Number of WwTW where malodour is reduced [CS2]	No.	I	0	0	3	0	1	0	0	4
G2.37	Number of PFI WwTW where malodour is reduced [CS2]	No.	I	0	0	0	0	0	0	0	0
G2.38	Number of properties removed from the low pressure register [CS1]	No.	I	0	458	1033	852	190	8	35	2576
G2.39	Number of properties removed from the low pressure register (Exclusions under Water (Scotland) Act 1980) [CS1A]	No.	I	0	50	88	375	72	0	20	605
G2.40	Works associated with the Commonwealth Games [CS15]	No.	I	0	31	0	1	36	0	0	68
G2.41	Number of assets protected from flood risk [CS16W]	No.	I	0	0	7	10	8	1	0	26
G2.42	Number of models to support the Flooding Bill [CS16S]	No.	I	0	0	0	0	67	5	0	72
G2.43	Creation of an external sewer flooding register [CS17]	No.	I	0	0	0	0	0	0	0	0
Q&SIIIb Enhancements - Climate Change											
G2.44	Number of climate change studies [CC3, CC4, CC5, CC6]	No.	I	0	0	5	5	0	1	1	12
G2.45	Renewable power generation capacity provided [CC1W]	GWh	I	0.000	0.000	0.000	2.399	1.500	16.070	5.950	25.919
Q&SIIIb Enhancements - Output Monitoring Group											
G2.46	Encouraging Section 29E opportunities [CS18S]	No.	I	0	0	0	0	0	0	0	0
G2.47	Incentivising developers to adopt water efficiency measures [CS18W]	No.	I	0	0	0	0	0	0	0	0
G2.48	Pilot household metering trials [CS19]	No.	I	0	0	0	0	0	0	0	0
G2.49	Strengthening the regulatory framework [CS20]	No.	I	0	0	0	0	0	0	0	0
G2.50	Water Efficiency Plan	No.	I	0	0	0	0	1	0	0	1
G2.51	Sustainable land management solutions	No.	I	0	0	0	0	0	6	0	6
G2.52	Sustainable solutions to Cryptosporidium removal	No.	I	0	0	0	0	0	1	0	1
G2.53	Permanent lowest cost solution at Dalmuir WwTW (PFI)	No.	I	0	0	0	0	0	0	0	0
Q&SIIIa & Q&SII delivery projects											
G2.54	Q&SII projects remaining	No.	I	60	16	6	1	0	0	0	84
G2.55	Q&SIIIa projects remaining	No.	I	224	46	23	8	1	0	0	299

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SECTION G: INVESTMENT MONITORING
Table G3: Monitoring Serviceability

Line Ref.	Description	Units	Field Type	10	20	30	40	50	60	70	80	90	100
				Ministerial Target 2010-15	Baseline Delivery Plan Target Mar 2011	Actual March 2011	Delivery Plan Target Mar 2012	Actual March 2012	Delivery Plan Target Mar 2013	Actual March 2013	Delivery Plan Target Mar 2014	Actual March 2014	Delivery Plan Target Mar 2015
Drinking Water Quality Indicators													
G3.1	% of compliant zones for iron	%	I	83	83	92.88	90.2	90.48	90.2	91.32	90.2	91.61	96.5
G3.2	% of compliant zones for manganese	%	I	94	94	94.43	93.6	94.92	93.6	93.25	93.6	92.95	96.3
G3.3	Number of microbiological failures at WTWs	Nr	I	60	60	44	60	49	60	33	38	17	38
G3.4	Lead communication pipe survey	Nr	I		tbc	0	tbc	0	tbc	1	tbc	1	tbc
Environment Serviceability Indicators													
G3.5	Number of failing WWTW	Nr	I	39	18	11	18	10	18	2	18	1	18
G3.6	Number of sludge treatment facilities improved to comply with safe sludge matrix	Nr	I		0	0	0	1	0	1	0	2	2
G3.7	The maximum number of UIDs	Nr	I	N/A	N/A	821	N/A	818	N/A	823	N/A	857	N/A
G3.8	Number of pollution incidents	Nr	I	939	924	824	924	500	924	331	924	265	548
G3.9	Pollution incidents (sewerage) per 1,000 km	Nr	I									5.29	
G3.10	Serious pollution incidents (sewerage) per 10,000 km	Nr	I									1.0	
G3.11	Serious pollution incidents (water) per 10,000 km	Nr	I									0.2	
G3.12	Discharge permit compliance	%	I									99.83	
G3.13	Satisfactory sludge disposal	%	I									100	100
G3.14	Water Efficiency Plan	Nr	I		tbc	0	tbc	0	tbc	0	tbc	1	tbc
G3.15	Greenhouse gas (GHG) emissions (ktCO2e)	Nr	I									404	
Customer Service Serviceability Indicators													
G3.16	Properties on the low pressure register	Nr	I	10707	10707	1962	1000	902	1000	198	1000	56	240
G3.17	Properties with unplanned interruptions to supply > 12 hrs	Nr	I	15759	15759	3862	15759	3672	15759	1513	15759	840	684
G3.18	Number of hours lost due to water supply interruptions for three hours or longer	Hrs/prop	I									0.53	
G3.19	Bursts per 1,000km of mains	Nr	I	204	204	207	204	183	204	171	204	163	188
G3.20	Properties at risk of internal flooding	Nr	I	1147	341	341	341	337	341	395	341	392	341
G3.21	Properties internally flooded due to other causes	Nr	I	1270	1270	820	1270	693	1270	645	1270	432	1270
G3.22	Incidents of internal sewer flooding for properties that have flooded within the last ten years	Nr	I									162.0	
G3.23	The Overall Satisfaction level (from the customer service questionnaire)	%	I	Above 78	78	80	78	83	78	88	78	90	>78%
G3.24	The maximum number of 'second tier' complaints referred to Scottish Public Services Ombudsman	Nr	I	Below 121	121	50	121	44	121	25	121	11	<121
G3.25	The number of telephone contacts relating to drinking water quality	Nr	I	<24168	<24168	20510	<24168	25897	<24168	18179	<24168	12285	<24168
G3.26	Metering Trial	Nr	I		tbc	0	tbc	0	tbc	0	tbc	0	tbc
G3.27	Creation of a register of all properties affected by external sewer flooding	Nr	I		tbc	0	tbc	0	tbc	0	tbc	1	tbc
G3.28	The Overall Performance Assessment (OPA) Score	Nr	I	380+	302	330	317	355	338	368	380	397	380
G3.29	The average annual level of leakage	ML/d	I	612.000	720.000	699.148	670.000	629.240	635.000	575.152	[600]	565.840	600.0
G3.30	Customer Experience Measure (CEM)		I										
G3.31	Wholesale Key Performance Indicator (KPI's)	%	I									98	
New Resilience of supply													
G3.32	Water Available for Supply Index												
New Asset Serviceability Indicators													
G3.33	Asset Health Index: Water resources												
G3.34	Asset Health Index: Water mains												
G3.35	Asset Health Index: Water treatment works												
G3.36	Asset Health Index: Water storage												
G3.37	Asset Health Index: Water pumping stations												
G3.38	Asset Health Index: Wastewater sewers												
G3.39	Asset Health Index: Wastewater sewer structures												
G3.40	Asset Health Index: Wastewater sea outfalls												
G3.41	Asset Health Index: Wastewater sewage pumping stations												
G3.42	Asset Health Index: Wastewater sewage treatment works												
G3.43	Asset Health Index: Wastewater sludge treatment facilities												

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SECTION G: INVESTMENT MONITORING
Table G4: OMD Inputs including Q&SII & Q&SIIa Project Sign-Off

Q&SIIb Enhancements - Drinking Water Quality - OMD Outputs								2010/11				2011/12				2012/13				2013/14				2014/15				Post Mar 2015					
Line Ref.	Output	Drivers	Total No Outputs	OMD Programme Group	Milestone Stage	Units	Field Type	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21					
G4.1	Number of zones with reduced lead levels	DW1A	64	E	1	No.	I	11	11	61	64	64	64	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	
								2	9	9	59	63	64	64	64	64	64	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65
								3	0	0	1	54	58	63	64	64	64	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65
								4	0	0	1	8	8	20	31	33	34	34	35	49	52	53	54	61	63	64	64	64	63	64	64	64	64
								5	0	0	0	7	7	7	7	28	28	33	34	49	49	50	53	61	63	64	64	64	63	64	64	64	64
G4.2	Number of treatment works improved to meet drinking water quality standards	DW3 (A-H)	8	C	1	No.	I	2	2	4	5	5	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	8	
								2	1	2	2	3	3	4	4	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	7	7	8
								3	0	1	1	2	2	2	4	4	4	4	4	5	5	6	6	6	6	6	7	7	6	6	7	7	8
								4	0	0	0	0	0	0	0	0	1	1	1	2	2	3	3	3	3	3	3	3	5	5	5	5	8
								5	0	0	0	0	0	0	0	0	0	0	1	2	2	3	3	3	3	3	3	3	3	5	5	5	8
G4.3	Km of mains rehabilitated (including flushing and swabbing) to improve drinking water quality	DW5	4,352	A	1	km	I	2917.7	4033.39	4090.651	4090.65	4090.65	4090.65	4090.65	4090.7	4091.4	4091.4	4091.4	4091.4	4091.4	4091.4	4091.4	4091.4	4091.4	4091.4	4091.4	4091.4	4091.4	4091.4	4091.4	4091.4	4091.3992	
								0	2542.2	3085.687	3127.24	3127.24	3298.98	3298.98	3299	3642.65	3642.7	4091.4	4091.4	4091.4	4091.4	4091.4	4091.4	4091.4	4091.4	4091.4	4091.4	4091.4	4091.4	4091.4	4091.4	4091.3992	
								0	1808.98	1997.343	2656.38	2980.5	3298.98	3298.98	3299	3298.98	3474.4	3601.21	3762.71	4091.4	4091.4	4091.4	4091.4	4091.4	4091.4	4091.4	4091.4	4091.4	4091.4	4091.4	4091.4	4091.3992	
								0	0	0	0	107.09	545.055	813.542	1376.1	1435.63	1662	2116.86	2445.27	2453.5	2453.5	2477	2727.8	2985.73	3133.42	3245.2	3398.1	4091.39918	4091.39918	4091.39918	4091.39918	4091.39918	
								0	0	0	0	0	0	0	100.08	141.703	881.13	1154.27	1939.32	1986.6	2146	2182.3	2605.85	2662.1	2678.96	2758.9	3067.31	4091.3992	4091.3992	4091.3992	4091.3992	4091.3992	
G4.4	Number of DMA's subject to investigations	DW5A	143	F	1	No.	I	143	143	143	143	143	143	143	143	143	143	143	143	143	143	143	143	143	143	143	143	143	143	143	143	143	
								23	43	43	143	143	143	143	143	143	143	143	143	143	143	143	143	143	143	143	143	143	143	143	143	143	
								23	23	41	61	77	106	125	143	126	143	143	143	143	143	143	143	143	143	143	143	143	143	143	143	143	
								13	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	
								13	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	
G4.5	Number of tanker fill points installed	DW8	14	K	1	No.	I	1	6	11	12	12	12	13	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	
								0	0	0	7	8	9	9	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	
								0	0	0	0	7	7	8	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	
								366	366	371	371	371	613	613	613	613	701	701	716	716	716	716	716	767	767	767	767	767	767	767	767	767	
								0	0	240	240	240	245	245	338	338	668	668	683	683	683	683	683	683	683	683	683	764	767	767	767	767	
G4.6	Number of sites with increased security	DW9A-E	629	L	1	No.	I	0	0	0	240	240	240	240	338	338	338	580	683	683	683	683	683	683	683	683	683	764	767	767	767	767	
								0	0	0	0	0	0	0	119	128	138	171	378	413	437	503	623	679	701	717	742	767	767	767	767	767	
								0	0	0	0	0	0	0	119	123	123	155	376	410	410	433	606	679	701	717	742	767	767	767	767	767	
								5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	
								0	0	0	1	1	1	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	
G4.7	Type A Raw Water Supplies provided with treatment	DW10	5	G	1	No.	I	0	0	0	1	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	
								0	0	0	1	1	1	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	
								0	0	0	0	0	0	0	1	1	1	1	2	2	3	3	3	3	4	4	4	6	6	6	6	6	
								0	0	0	0	0	0	0	1	1	1	1	1	1	2	3	3	3	4	4	4	6	6	6	6	6	
								268	268	268	268	268	268	268	268	268	268	268	268	268	268	268	268	268	268	268	268	268	268	268	268	268	
G4.8	Number of backflow prevention devices installed	DW11	268	I	1	No.	I	268	268	268	268	268	268	268	268	268	268	268	268	268	268	268	268	268	268	268	268	268	268	268	268	268	
								268	268	268	268	268	268	268	268	268	268	268	268	268	268	268	268	268	268	268	268	268	268	268	268	268	
								0	0	0	4	69	100	122	186	231	260	267	267	267	267	267	267	268	268	268	268	268	268	268	268	268	
								0	0	0	4	69	69	92	177	177	235	237	249	249	249	267	267	268	268	268	268	268	268	268	268	268	
								27	28	30	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	31	
G4.9	Number of WTWs receiving improved disinfection control	DW13	31	B	1	No.	I	0	0	0	26	26	28	29	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	31	
								0	0	0	0	7	17	27	28	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	31	
								0	0	0	0	0	1	6	14	14	18	19	25	25	27	27	27	28	28	29	29	28	28	29	29	31	
								0	0	0	0	0	0	4	12	13	15	17	20	21	24	24	24	28	28	28	29	28	28	28	29	31	
								196	196	196	196	196	196	196	196	196	196	196	196	196	196	196	196	196	196	196	196	196	196	196	196	196	
G4.10	Number of sites covered by drinking water safety plans	DW16	174	J	1	No.	I	63	63	109	109	124	164	196	196	196	196	196	196	196	196	196	196	196	196	196	196	196	196	196	196	196	
								24	31	39	40	46	45	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	
								1	1	1	15	16	27	29	31	35	39	40	43	43	43	43	43	43	43	44	44	44	44	44	44	46	
								0	0	0	2	5	14	22	26	26	33	36	39	40	40	41	41	41	41	42	42	42	42	42	42	46	
								0	0	0	0	0	0	0	1	2	4	5	16	21	24	25	26	28	34	38	40	46	46	46	46	46	
G4.11	Number of sites with reduced risk from cryptosporidium	DW23	46	D	1	No.	I	0	0	0	0	0	0	0	0	0	2	3	12	13	18	20	22	26	27	30	38	46	46	46	46	46	
								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	46	
								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	46	
								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	46	
								0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0</								

G4.23	Number of wastewater network assets made compliant with licence requirements	WQ01B	230	X	No.	2	0	0	1	2	4	228	230	230	230	230	230	230	230	230	230	230	230				
						3	0	0	0	1	1	227	228	229	230	230	230	230	230	230	230	230	230	230	230		
						4	0	0	0	0	0	0	1	24	25	60	66	80	83	96	171	194	230	230	230	230	230
						5	0	0	0	0	0	0	0	15	18	49	61	78	80	84	113	189	222	230	230	230	230
						1	39	69	91	106	108	108	111	112	112	112	112	112	112	112	112	112	112	114	114	114	114

Q&SIIb Enhancements - Customer Service - OMD Outputs

Line Ref.	Output	Drivers	Total No Outputs	OMD Programme Group	Milestone Stage	Units	Field Type	2010/11				2011/12				2012/13				2013/14				2014/15				2015/16		
								1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21		
G4.26	Number of sites where malodour is reduced	CS2	4	AB	No.	I	1	2	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4						
							2	1	1	1	2	3	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4			
							3	0	1	1	2	2	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
							4	0	0	0	0	1	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
							5	0	0	0	0	0	0	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

Q&SIIb Enhancements - Climate Change - OMD Outputs

Line Ref.	Output	Drivers	Total No Outputs	OMD Programme Group	Milestone Stage	Units	Field Type	2010/11				2011/12				2012/13				2013/14				2014/15				2015/16		
								1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21		
G4.32	No. of climate change studies	CC2,CC3,CC4,CC5,CC6	12	AE	No.	I	1	1	1	9	12	12	12	12	12	12	12	12	12	12	12	12	12	12						
							2	1	1	4	8	9	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11			
							3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
							4	1,699	1,699	1,699	1,699	1,699	1,699	1,699	1,699	1,699	1,699	1,699	1,699	1,699	1,699	1,699	1,699	1,699	1,699	1,699	1,699	1,699	1,699	1,699
							5	1,699	1,699	1,699	1,699	1,699	1,699	1,699	1,699	1,699	1,699	1,699	1,699	1,699	1,699	1,699	1,699	1,699	1,699	1,699	1,699	1,699	1,699	1,699

Q&SIIb Enhancements - Growth - OMD Outputs

Line Ref.	Output	Drivers	Total No Outputs	OMD Programme Group	Milestone Stage	Units	Field Type	2010/11				2011/12				2012/13				2013/14				2014/15				2015/16	
								1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
G4.34	Water strategic capacity (PE) (Committed to deliver)	WG1		AJ	Pe	I	3	46861	46861	46901	52344	52344	52366	52366	52378	52378	59530	59530	59530	59530	59530	59530	59530	59530					
							4	7786	8041	9131	25756	25861	25861	25883	46883	46883	46935	52210	52210	52210	52210	52210	52210	52210	52210	52210	52210		
							5	195	674	839	24666	24771	24771	24771	46861	46861	46861	46923	52210	52210	52210	52210	52210	52210	52210	52210	52210	52210	52210
							3	17092	17767	25236	26600	26611	30209	30453	30950	32041	33789	35059	35160	35484	36416	36745	36918	36990	37360	38019	38019	38019	38019
							4	5905	5967	6185	9558	9654	10947	10947	23053	23206	23341	23399	23964	23206	23250	23308	23922	23206	23250	23308	23922	23206	23250

Q&SIIb Enhancements - 7 Stage Process Outputs

Line Ref.	Output	Drivers	Total No Outputs	OMD Programme Group	Milestone Stage	Units	Field Type	2010/11				2011/12				2012/13				2013/14				2014/15				2015/16
								1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
G4.36	Number of UID improved (under 7 stage)	EC04B,EC10B	214	Q	No.	I	1	6	17	40	50	53	54	100	143	145	164	165	170	176	185	192	196	199				
							2	0	0	6	11	19	26	35	46	50	53	58	76	100	117	133	135	157	201	202	203	
							3	0	0	0	6	6	16	31	39	42	43	45	64	68	85	101	117	131	157	180	191	213
							4	0	0	0	0	0	1	1	34	34	35	42	48	53	56	59	72	78	98	138	144	213
							5	0	0	0	0	0	0	1	33	33	33	40	44	48	53	56	71	71	82	97	137	213

OMD Investment Profile

Line Ref.	Measure	Units	Field Type	2010/11				2011/12				2012/13				2013/14				2014/15				2015/16
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
G4.38	Total OMD related enhancement expenditure (in quarter)	£m	I	53.619	13.401	26.306	52.332	30.408	40.439	44.158	50.736	40.190	34.792	36.292	47.214	28.108	33.680	30.822	33.132	37.383	34.029	28.689	24.380	138.065
G4.39	Total OMD related enhancement expenditure (cumulative)	£m	C	53.619	67.020	93.326	145.659	176.067	216.506	260.664	311.400	351.590	386.382	422.674	469.889	497.996	531.676	562.498	595.631	633.013	667.042	695.731	720.112	858.176

Q&SII & Q&SIIa Project Sign Off

Line Ref.	Measure	Units	Field Type	2010/11				2011/12				2012/13				2013/14				2014/15				2015/16
				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
G4.40	Q&SII projects signed off (in quarter)	Nr	I	18	13	8	10	1	1	1	7	0	0	5	0	0	1	0	0	0	0	0	0	0
G4.41	Q&SII projects signed off (cumulative)	Nr	C	18	31	39	49	50	51	52	59	59	59	64	64	64	65	65	65	65	65	65	65	65
G4.42	Q&SIIa projects signed off (in quarter)	Nr	I	121	23	42	17	1	3	3	16	0	1	2	12	0	0	5	2	1	0	0	0	0
G4.43	Q&SIIa projects signed off (cumulative)	Nr	C	121	144	186	203	204	207	210	226	226	227	229	241	241	241	246	248	249	249	249	249	249
G4.44	Q&SII & Q&SIIa projects signed off (cumulative)	Nr	C	139	175	225	252	254	258	262	285	285	286	293	305	305	306	311	313	314	314	314	314	314

Prepared by: Date:
Checked by: Date:
Authorised by: Geoff Aitkenhead Date: 13th June 2014

SCOTTISH WATER

ANNUAL RETURN 2014

SECTION G: INVESTMENT MONITORING

Table G5: Growth

Line No.	Line Title	Units	Field Type	20	30	40	50	60	70
				Report Year 2010-11	Report Year 2011-12	Report Year 2012-13	Report Year 2013-14	Forecast Year 2014-15	Forecast Post 2015
Growth expenditure (gross)									
G5.1	Expenditure for reasonable cost contributions - household - water	£m	I	3.821	6.029	3.881	10.025	2.536	0.000
G5.2	Expenditure for reasonable cost contributions - non-household - water	£m	I	0.001	0.032	-0.014	0.029	0.000	0.000
G5.3	Total expenditure on reasonable cost contributions - water	£m	C	3.822	6.061	3.867	10.054	2.536	-
G5.4	Expenditure for reasonable cost contributions - household - wastewater	£m	I	12.900	9.787	6.123	8.464	9.978	0.000
G5.5	Expenditure for reasonable cost contributions - non-household - wastewater	£m	I	0.001	0.010	-0.006	0.009	0.000	0.000
G5.6	Total expenditure on reasonable cost contributions - wastewater	£m	C	12.901	9.797	6.116	8.473	9.978	-
G5.7	Total expenditure on reasonable cost Contributions - water and wastewater	£m	C	16.722	15.858	9.983	18.527	12.515	-
G5.8	Expenditure on Part 3 strategic capacity - water	£m	I	5.442	4.024	1.608	1.148	1.296	0.000
G5.9	Expenditure on Part 3 strategic capacity - wastewater	£m	I	15.391	5.289	3.745	9.152	23.627	1.626
G5.1	Total expenditure on Part 3 strategic capacity - water and wastewater	£m	C	20.833	9.313	5.352	10.300	24.924	1.626
G5.11	Expenditure on Part 4 assets - water	£m	I	0.686	0.191	0.610	1.661	1.835	0.000
G5.12	Expenditure on Part 4 assets - wastewater	£m	I	1.783	2.803	9.257	10.123	9.325	0.030
G5.13	Total expenditure on Part 4 assets - water and wastewater	£m	C	2.469	2.993	9.867	11.785	11.160	0.030
G5.14	Total gross expenditure on growth - (RCC + Part 3 strategic capacity + Part 4)	£m	C	40.025	28.164	25.203	40.612	48.599	1.656
Growth income (Infrastructure charge)									
G5.15	Water household infrastructure charge income	£m	I	3.842	4.426	4.034	4.272		
G5.16	Water non-household infrastructure charge income	£m	I	0.034	0.129	0.305	0.132		
G5.17	Wastewater household infrastructure charge income	£m	I	3.512	3.182	2.758	3.214		
G5.18	Wastewater non-household infrastructure charge income	£m	I	0.020	0.044	0.034	0.025		
G5.19	Total infrastructure charge income	£m	C	7.408	7.781	7.131	7.642	-	-
Growth expenditure (net of income)									
G5.2	Total net growth expenditure	£m	C	32.617	20.383	18.072	32.969	48.599	1.656
Growth - properties and populations									
G5.21	Number of new household properties connected to the water network	Nr	I	14,568	15,308	13,591	13,229		
G5.22	Number of new non-household properties connected to the water network	Nr	I	114	389	867	354		
G5.23	Total number of new properties connected to the water network	Nr	C	14,682	15,697	14,458	13,583	-	-
G5.24	Number of new household properties connected to the wastewater network	Nr	I	12,823	11,082	8,913	10,027		
G5.25	Number of new non-household properties connected to the wastewater network	Nr	I	128	94	106	73		
G5.26	Total number of new properties connected to the wastewater network	Nr	C	12,951	11,176	9,019	10,100	-	-
G5.27	Number of new household properties receiving reasonable cost contributions - water	Nr	I	11,891	13,559	7,982	28,322		
G5.28	Number of new non-household properties receiving reasonable cost contributions - water	Nr	I	0	66	11	17		
G5.29	Total number of properties receiving reasonable cost contributions - water part 2 & 3	Nr	C	11,891	13,625	7,971	28,339	-	-
G5.30	Number of new household properties receiving reasonable cost contributions - wastewater	Nr	I	13,274	8,997	4,337	7,169		
G5.31	Number of new non-household properties receiving reasonable cost contributions - wastewater	Nr	I	-	9	8	17		
G5.32	Total number of properties receiving reasonable cost contributions - wastewater part 2 & 3	Nr	C	13,274	9,006	4,329	7,185	-	-
G5.33	Number of household property infrastructure charge payments - water	Nr	I	14,568	15,308	13,591	13,229		
G5.34	Number of non-household property infrastructure charge payments - water	Nr	I	114	389	867	354		
G5.35	Total number of infrastructure charge payments - water	Nr	C	14,682	15,697	14,458	13,583	-	-
G5.36	Number of household property infrastructure charge payments - wastewater	Nr	I	12,823	11,082	8,913	10,027		
G5.37	Number of non-household property infrastructure charge payments - wastewater	Nr	I	128	94	106	73		
G5.38	Total number of property infrastructure charge - wastewater	Nr	C	12,951	11,176	9,019	10,100	-	-
G5.39	Additional population equivalent served from new part 4 investment - water	Pe	I	8,041	22,090	34	-	7,152	
G5.40	Additional population equivalent served from new part 4 investment - wastewater	Pe	I	9,496	13,529	897	4,720	4,515	

Prepared by: Date:

Checked by: Date:

Authorised by: Geoff Aitkenhead Date: 13th June 2014