Table 1a: Pollution Incidents (Calendar year to end December 2011)

		Category 1	Category 2	Category 3	Total
	Sewage Related Premises	Total Number	Total Number	Total Number	Total Number (Cat 1-3 incidents)
1	Sewage Treatment Works				(
2	Storm Tank				(
3	Combined Sewer Overflow				(
4	Foul Sewer				(
5	Pumping Station				(
6	Rising Mains				(
7	Other				(
8	Number of incidents where site compliant with discharge consent				(

8	Number of incidents where site compliant with discharge consent				0
		Category 1	Category 2	Category 3	Total
	Water and Surface Water Related Premises	Total Number	Total Number	Total Number	Total Number (Cat 1-3 incidents)
9	Water Treatment Works				
10	Water Distribution System				
11	Surface Water Outfall				(
12	Number of incidents where site compliant with discharge consent				(
13	Total (Sewage and Water and Surface Water) related Premises (Automatically Calculated)	0	0	0	
14	Total (Sewage and Water and Surface Water) number of Incidents where site compliant with Discharge Consent (Automatically Calculated)	0	0	0	
15	Total Number of all Category 1-3 incidents (Automatically Calculated)	0			
16	Total Number where site compliant with Consent (Automatically Calculated)	0			
17	Total Number of Water Company self reported incidents				
Comme	ents				
Authori	sed by:Duncan Robertson		Date:7/6/	12	

Table 1b: Pollution Incidents (Financial year 2011-12)

		Category 1	Category 2	Category 3	Total
	Sewage Related Premises	Total Number	Total Number	Total Number	Total Number (Cat 1-3 incidents)
1	Sewage Treatment Works		2	43	45
2	Storm Tank				0
3	Combined Sewer Overflow		3	36	39
4	Foul Sewer	3	4	262	269
5	Pumping Station	1	5	129	135
6	Rising Mains			9	9
7	Other				0
8	Number of incidents where site compliant with discharge consent			9	9

		Category 1	Category 2	Category 3	Total
	Water and Surface Water Related Premises	Total Number	Total Number	Total Number	Total Number (Cat 1- incidents)
9	Water Treatment Works	1		7	
10	Water Distribution System			2	
11	Surface Water Outfall			2	
12	Number of incidents where site compliant with discharge consent				
13	Total (Sewage and Water and Surface Water) related Premises (Automatically Calculated)	5	14	490	
	Total (Sewage and Water and Surface Water) number of Incidents where site compliant with Discharge Consent (Automatically Calculated)	0	0	9	
14					
15	Total Number of all Category 1-3 incidents (Automatically Calculated)	509			
	Total Number where site compliant with Consent (Automatically	9			
16	Calculated)	ŭ			
17	Total Number of Water Company self reported incidents				

Comments	
Authorised by: Duncan Robertson	Date: 7/6/12

Table 2: Compliance

A) Sewage treatment works: Total number 1 No. of discharges on register during calendar year (in force). 2 No. of discharges assessed for compliance 3 No. of discharges confirmed failing in calendar year. 4 %. of discharges compliant with consent in the year B) Look-up Table Lower Tier Consents 5 No. of discharges on register during calendar year (in force). 6 No. of discharges on register during calendar year (in force). 7 No. of discharges compliant with consent in the year C) Upper Tier Consents 9 No. of discharges assessed for compliance 10 No. of discharges assessed for compliance 11 No. of discharges assessed for compliance 12 %. of discharges compliant with consent in the year D) Single Tier Consents 13 No. of discharges on register during calendar year (in force). 14 No. of discharges on register during calendar year (in force). 15 No. of discharges on register during calendar year (in force). 16 No. of discharges confirmed failing in calendar year. 17 No. of discharges confirmed failing in calendar year. 18 No. of discharges compliant with consent in the year D) Single Tier Consents 19 No. of discharges confirmed failing in calendar year. 10 No. of discharges confirmed failing in calendar year. 11 No. of discharges confirmed failing in calendar year. 12 No. of discharges confirmed failing in calendar year. 13 No. of discharges confirmed failing in calendar year. 14 No. of discharges confirmed failing in calendar year. 15 No. of discharges confirmed failing in calendar year. 16 %. of discharges confirmed failing in calendar year. 17 No. of discharges confirmed failing in calendar year. 18 No. of discharges confirmed failing in calendar year. 19 No. of discharges confirmed failing in calendar year. 10 No. of discharges confirmed failing in calendar year. 11 No. of discharges confirmed failing in calendar year. 12 No. of discharges confirmed failing in calendar year. 15 No. of discharges confirmed failing in calendar year.	1370 596 30 97.81% 1370 596 6 99.56% 1370 596 27 98.03%	1373 576 34 97.52% 1373 576 10 99.27% 1373 576 29 97.89%
1 No. of discharges on register during calendar year (in force). 2 No. of discharges assessed for compliance 3 No. of discharges confirmed failing in calendar year. 4 %. of discharges compliant with consent in the year 8 B) Look-up Table Lower Tier Consents 5 No. of discharges on register during calendar year (in force). 6 No. of discharges assessed for compliance 7 No. of discharges confirmed failing in calendar year. 8 %. of discharges confirmed failing in calendar year. 9 No. of discharges compliant with consent in the year C) Upper Tier Consents 9 No. of discharges on register during calendar year (in force). 10 No. of discharges on register during calendar year. 11 No. of discharges on register during calendar year. 12 %. of discharges confirmed failing in calendar year. 13 No. of discharges compliant with consent in the year D) Single Tier Consents 13 No. of discharges on register during calendar year (in force). 14 No. of discharges assessed for compliance 15 No. of discharges confirmed failing in calendar year. 16 No. of discharges confirmed failing in calendar year. 17 No. of discharges confirmed failing in calendar year. 18 No. of discharges confirmed failing in calendar year. 19 No. of discharges confirmed failing in calendar year. 10 No. of discharges confirmed failing in calendar year. 11 No. of discharges confirmed failing in calendar year. 12 No. of discharges confirmed failing in calendar year. 13 No. of discharges confirmed failing in calendar year. 14 No. of discharges confirmed failing in calendar year. 15 No. of discharges compliant with consent in the year	596 30 97.81% 1370 596 6 99.56% 1370 596 27 98.03%	576 34 97.52% 1373 576 10 99.27% 1373 576 29
2 No. of discharges assessed for compliance nr A No. of discharges confirmed failing in calendar year. nr A % of discharges compliant with consent in the year % % B) Look-up Table Lower Tier Consents 5 No. of discharges on register during calendar year (in force). nr A No. of discharges assessed for compliance nr A % of discharges confirmed failing in calendar year. nr A % % of discharges compliant with consent in the year % % C) Upper Tier Consents 9 No. of discharges on register during calendar year (in force). nr A % of discharges assessed for compliance nr A % % of discharges confirmed failing in calendar year. nr A % % of discharges confirmed failing in calendar year. nr A % % of discharges confirmed failing in calendar year. nr A % % of discharges confirmed failing in calendar year. nr A % % of discharges confirmed failing in calendar year. nr A % % % % % % % % % % % % % % % % % %	596 30 97.81% 1370 596 6 99.56% 1370 596 27 98.03%	576 34 97.52% 1373 576 10 99.27% 1373 576 29
No. of discharges confirmed failing in calendar year. W. of discharges compliant with consent in the year W. of discharges compliant with consent in the year W. of discharges compliant with consent in the year W. of discharges on register during calendar year (in force). No. of discharges assessed for compliance No. of discharges confirmed failing in calendar year. No. of discharges compliant with consent in the year W. of discharges on register during calendar year (in force). No. of discharges on register during calendar year (in force). No. of discharges assessed for compliance No. of discharges confirmed failing in calendar year. No. of discharges compliant with consent in the year W. of discharges confirmed failing in calendar year. No. of discharges confirmed failing in calendar year. No. of discharges on register during calendar year (in force). No. of discharges assessed for compliance No. of discharges confirmed failing in calendar year. No. of discharges compliant with consent in the year W. of discharges compliant with consent in the year No. of discharges compliant with consent in the year No. of discharges compliant with consent in the year No. of discharges compliant with consent in the year No. of discharges compliant with consent in the year No. of discharges compliant with consent in the year No. of discharges compliant with consent in the year No. of discharges compliant with consent in the year No. of discharges compliant with consent in the year No. of discharges compliant with consent in the year No. of discharges compliant with consent in the year No. of discharges compliant with consent in the year No. of discharges compliant with consent in the year No. of discharges compliant with consent in the year	30 97.81% 1370 596 6 99.56% 1370 596 27 98.03%	34 97.52% 1373 576 10 99.27% 1373 576 29
West	97.81% 1370 596 6 99.56% 1370 596 27 98.03%	97.52% 1373 576 10 99.27% 1373 576 29
5 No. of discharges on register during calendar year (in force). 7 No. of discharges assessed for compliance 8 No. of discharges confirmed failing in calendar year. 9 No. of discharges compliant with consent in the year C) Upper Tier Consents 9 No. of discharges on register during calendar year (in force). 1 No. of discharges assessed for compliance 1 No. of discharges confirmed failing in calendar year. 2 No. of discharges compliant with consent in the year D) Single Tier Consents 3 No. of discharges on register during calendar year (in force). No. of discharges compliant with consent in the year D) Single Tier Consents No. of discharges on register during calendar year (in force). No. of discharges confirmed failing in calendar year (in force). No. of discharges confirmed failing in calendar year. No. of discharges compliant with consent in the year %	596 6 99.56% 1370 596 27 98.03%	576 10 99.27% 1373 576 29
5 No. of discharges on register during calendar year (in force). 7 No. of discharges assessed for compliance 8 No. of discharges confirmed failing in calendar year. 9 No. of discharges compliant with consent in the year C) Upper Tier Consents 9 No. of discharges on register during calendar year (in force). 1 No. of discharges assessed for compliance 1 No. of discharges confirmed failing in calendar year. 2 No. of discharges compliant with consent in the year D) Single Tier Consents 3 No. of discharges on register during calendar year (in force). No. of discharges compliant with consent in the year D) Single Tier Consents No. of discharges on register during calendar year (in force). No. of discharges confirmed failing in calendar year (in force). No. of discharges confirmed failing in calendar year. No. of discharges compliant with consent in the year %	596 6 99.56% 1370 596 27 98.03%	576 10 99.27% 1373 576 29
No. of discharges assessed for compliance nr No. of discharges confirmed failing in calendar year. nr No. of discharges compliant with consent in the year % C) Upper Tier Consents No. of discharges on register during calendar year (in force). nr No. of discharges assessed for compliance nr No. of discharges confirmed failing in calendar year. nr No. of discharges compliant with consent in the year % D) Single Tier Consents No. of discharges on register during calendar year. nr No. of discharges compliant with consent in the year nr No. of discharges compliant with consent in the year No. of discharges on register during calendar year (in force). nr No. of discharges assessed for compliance nr No. of discharges confirmed failing in calendar year. nr No. of discharges confirmed failing in calendar year. nr No. of discharges compliant with consent in the year %	596 6 99.56% 1370 596 27 98.03%	576 10 99.27% 1373 576 29
8 %. of discharges compliant with consent in the year C) Upper Tier Consents 9 No. of discharges on register during calendar year (in force). 1 No. of discharges assessed for compliance 1 No. of discharges confirmed failing in calendar year. 2 %. of discharges compliant with consent in the year D) Single Tier Consents 3 No. of discharges on register during calendar year (in force). No. of discharges assessed for compliance No. of discharges confirmed failing in calendar year. No. of discharges confirmed failing in calendar year. No. of discharges compliant with consent in the year %	99.56% 1370 596 27 98.03%	99.27% 1373 576 29
C) Upper Tier Consents No. of discharges on register during calendar year (in force). No. of discharges assessed for compliance No. of discharges confirmed failing in calendar year. No. of discharges compliant with consent in the year D) Single Tier Consents No. of discharges on register during calendar year (in force). No. of discharges assessed for compliance No. of discharges confirmed failing in calendar year. No. of discharges confirmed failing in calendar year. No. of discharges compliant with consent in the year %	1370 596 27 98.03%	1373 576 29
No. of discharges on register during calendar year (in force). No. of discharges assessed for compliance No. of discharges confirmed failing in calendar year. No. of discharges compliant with consent in the year D) Single Tier Consents No. of discharges on register during calendar year (in force). No. of discharges assessed for compliance No. of discharges confirmed failing in calendar year. No. of discharges confirmed failing in calendar year. No. of discharges compliant with consent in the year %	596 27 98.03%	576 29
No. of discharges on register during calendar year (in force). No. of discharges assessed for compliance No. of discharges confirmed failing in calendar year. No. of discharges compliant with consent in the year D) Single Tier Consents No. of discharges on register during calendar year (in force). No. of discharges assessed for compliance No. of discharges confirmed failing in calendar year. No. of discharges confirmed failing in calendar year. No. of discharges compliant with consent in the year %	596 27 98.03%	576 29
1 No. of discharges confirmed failing in calendar year. 2 %. of discharges compliant with consent in the year **No. of discharges on register during calendar year (in force). No. of discharges assessed for compliance No. of discharges confirmed failing in calendar year. No. of discharges confirmed failing in calendar year. No. of discharges compliant with consent in the year **No. of discharges compliant with consent in the year **No. of discharges compliant with consent in the year	27 98.03%	29
2 %. of discharges compliant with consent in the year % D) Single Tier Consents No. of discharges on register during calendar year (in force). No. of discharges assessed for compliance No. of discharges confirmed failing in calendar year. No. of discharges compliant with consent in the year %	98.03%	
D) Single Tier Consents No. of discharges on register during calendar year (in force). No. of discharges assessed for compliance No. of discharges confirmed failing in calendar year. No. of discharges compliant with consent in the year No. of discharges compliant with consent in the year		
3 No. of discharges on register during calendar year (in force). No. of discharges assessed for compliance No. of discharges confirmed failing in calendar year. No. of discharges compliant with consent in the year %		01.0070
4 No. of discharges assessed for compliance nr 5 No. of discharges confirmed failing in calendar year. nr 6 % of discharges compliant with consent in the year %		
5 No. of discharges confirmed failing in calendar year. 6 % of discharges compliant with consent in the year %	1370	1373
6 %. of discharges compliant with consent in the year %	22 0	21
	100.00%	100.00%
E) Absolute non-Sanitary Consents		
7 No. of discharges on register during calendar year (in force).	1370	1373
8 No. of discharges assessed for compliance nr	1370	13/3
9 No. of discharges confirmed failing in calendar year.		
0 %. of discharges compliant with consent in the year %	100.00%	100.00%
E) Discharges confirmed as failing (CAD)		
F) Discharges confirmed as failing (CAR) 1 Number of discharges confirmed as failing (CAR) nr	30	34
2 Total population equivalent confirmed as failing nr	182,468	198,053
3 Total population equivalent served by STWs (resident) (numeric consents) nr 4 Percentage population equivalent confirmed as failing %	#DIV/0!	#DIV/0!
Irban Wastewater Treatment Directive (UWWTD) G) UWWTD		
5 No. of discharges on register during calendar year (in force).	1370	1373
No. of discharges assessed for compliance nr	203	201
7 No. of discharges confirmed failing in calendar year. 8 % of discharges compliant with consent in the year %	8 99.42%	99.56%
H) Discharges confirmed as failing (OPA criteria only)		
9 Number of discharges confirmed as failing (OPA) nr		
0 Total population equivalent confirmed as failing nr		
11 Total population equivalent served by STWs (resident) (numeric consents) nr 2 Percentage population equivalent confirmed as failing %	#DIV/0!	#DIV/0!
	Calendar	Financial year
N-NUMERIC CONSENTS	Year 2011	2011-12
I) Non-numeric Consent		
	#DIV/0!	#DIV/0!
34 No. of discharges assessed for compliance nr 35 No. of discharges confirmed failing in calendar year. nr	#DIV/0!	

Table 3a: Discharges Confirmed as Failing (Calendar year to end of December 2011)

SEWAGE TREATMENT WORKS (including septic tanks and crude outfalls)

	DECEMBER 2011									
				C	AR	UWWTD		OPA**		
ASSET No.	CAR CONSENT NUMBER	ASSET NAME	CONSENT TYPE	(C d	nt / Failed or F)	Compliant / Failed (C or F)	Parameter(s) failed*	Compliant / Failed (C or F)	PE	Comments
STW001472	CAR/L/1001721	Kemnay	("2 Tier", "1 Tier", "Other") 2 Tier	LT C	UT F	ALL C	pH (UT)	С	3,715	
STW001483	CAR/L/1001731	Fyvie	2 Tier	С	F	С	BOD (UT) BOD (UT) & SS	С	545	
STW001487	CAR/L/1001612	Inverurie	2 Tier	С	F	С	(UT)	C	15,399	
STW001545 STW001543	CAR/L/1003861 CAR/L/1003845	Ellon Nigg	2 Tier 2 Tier	C	F C	C	pH (UT) COD (UT)	C C	11,162 276,748	
STW001823	CAR/L/1002749	Inchmarlo Care Centre	2 Tier	C	F	С	BOD (UT)	C	422	
STW000461	CAR/L/1017664	Largs	2 Tier	С	С	F	BOD (UT & LT)	F	13,690	
STW001242	CAR/L/1001672	Tain	2 Tier	С	F	С	FC (UT) & FS (UT)	F	5,780	
STW001223	CAR/L/1001896	Allanfearn	2 Tier	С	С	F	BOD (UT)	С	84,765	
STW001265	CAR/L/1001670	Cawdor	2 Tier	С	F	С	TC (UT) & FC (UT)	С	279	
STW002296	CAR/L/1002928	Gairloch	2 Tier	С	F	С	pH (UT)	С	931	
STW001249	CAR/L/1001671	Croy	2 Tier	С	F	С	TC (UT) & FC (UT)	F	391	
STW001293	CAR/L/1001665	Portmahomack	2 Tier	С	F	С	pH (UT)	С	567	
STW001251	CAR/L/1008717	Dornoch	2 Tier	С	F	С	FC (UT) & FS (UT)	С	2,597	
STW000680	CAR/L/1003619	Stranraer (Port Rodie)	2 Tier	С	С	F	BOD (UT & LT)	F	12,174	
STW000230	CAR/L/1003548	Dalscone (Old)	2 Tier	F	С	С	BOD (LT)	F	3,605	
STW002093	CAR/L/1000412	Inversnaid	2 Tier	F	F	С	BOD (UT & LT)	F	108	
STW000488	CAR/L/1003422	Luss	2 Tier	С	F	С	pH (UT)	С	509	
STW001401	CAR/L/1001739	Kennethmont	2 Tier	С	F	С	SS (UT)	С	138	
STW001309	CAR/L/1001740	Grantown on Spey	2 Tier	С	F	F	SS (UT), BOD (UT) & COD (UT)	С	4,372	
STW001289	CAR/L/1001747	Carrbridge	2 Tier	С	F	С	pH (UT)	С	868	
STW003492	CAR/L/1004186	Dyke	2 Tier	F	С	С	BOD (LT)	F	200	
STW001312	CAR/L/1003971	Forres	2 Tier	С	С	F	BOD (UT) & COD (UT & LT)	С	11,276	
STW003754	CAR/L/1001451	Upperton Village	2 Tier	F	F	С	BOD (UT & LT)	F	143	
STW000921	CAR/L/1002174	Dunnet	2 Tier	F	С	С	FC (LT)	F	297	
STW001931	CAR/L/1016489	Stromness	2 Tier	С	F	С	SS (UT)	С	2,617	
STW001727	CAR/L/1000993	Burrelton	2 Tier	С	F	С	SS (UT)	С	665	
STW000483	CAR/L/1000666	Lochwinnoch	2 Tier	С	F	F	BOD (UT), SS (UT) & COD	С	2,759	
STW000707	CAR/L/1003315	Thankerton	2 Tier	С	F	С	(UT) SS (UT)	С	475	
STW000138	CAR/L/1011152	Cartland Village	2 Tier	F	F	С	BOD (UT & LT)	F	84	
STW000355	CAR/L/1005030	Hamilton	2 Tier	С	F	С	SS (UT)	С	63,106	
STW000576	CAR/L/1063681	Philipshill	2 Tier	С	F	С	NH3 (UT)	С	58,835	
STW000039	CAR/L/1003399	Ashgill	2 Tier	С	F	С	BOD (UT) & SS (UT)	C	1,445	
STW001979	CAR/L/1003819	Alloa	2 Tier	С	С	F	BOD (UT) BOD (UT) & SS	С	43,493	
STW000418	CAR/L/1000371	Kilmartin	2 Tier	С	F	C	(UT)	C	158	
STW001602	CAR/L/1001654	Acharacle	2 Tier	С	F	С	pH (UT)	С	298	

^{*} BOD, COD, SS, NH3, pH, Scheme in breach of statutory deadlines, etc. For UWWTD failures specify: Reporting, Audit, Insufficient samples, BOD UT, BOD LUT, COD UT, COD LUT or Annual average (or a combination of these).

Levels of Service analysis

1) The Levels of Service analysis only includes BOD LUT and P failures for UWWT reporting

2) In the Levels of Service analysis, where a STW failures both the LUT part of its CAR consent and the BOD LUT or P UWWT consent condition, the failure is reported against the CAR consent only

	FAILING PE (OPA)	36,472
	TOTAL NUMERICALLY CONSENTED PE (OPA)	10
%PE FAILING (OPA)		364722.71%
LOWER TIER FAILING		6
UPPER TIER FAILING		27
SINGLE TIER FAILING		0
TOTAL FAILING		30

Comments	
Authorised by:Baine Hamilton	Date:15/06/2012

Date: Mar 2012 Revision: 15.0

 $^{^{\}star\star}$ Please follow OPA criteria as described in the "Ofwat OPA guidance" worksheet

Table 3b: Discharges Confirmed as Failing (Financial year 2011-12)

SEWAGE TREATMENT WORKS (including septic tanks and crude outfalls)

	MARCH 2012									
				C	AR	UWWT	1	OPA**	1	
ASSET No.	CAR CONSENT NUMBER	ASSET NAME	CONSENT TYPE	Complia	nt / Failed or F)	Compliant / Failed (C or F)	Parameter(s) failed*	Compliant / Failed (C or F)	PE	Comments
			(2 Tier, 1 Tier, Other)	LT	UT	ALL				
STW001472 STW001483	CAR/L/1001721 CAR/L/1001731	Kemnay	2 Tier	С	F	C	pH (UT)	С	3,715	
		Fyvie	2 Tier	С	F	С	BOD (UT) BOD (UT) & SS	С	545	
STW001487	CAR/L/1001612	Inverurie	2 Tier	С	F	С	(UT)	С	15,399	
STW001545 STW001543	CAR/L/1003861 CAR/L/1003845	Ellon	2 Tier 2 Tier	C	F C	C F	pH (UT) COD (UT)	С	11,162 276,748	
STW001823	CAR/L/1003645 CAR/L/1002749	Nigg Inchmarlo Care Centre	2 Tier	C	F	C	BOD (UT)	С	422	
STW000461	CAR/L/1017664	Largs	2 Tier	С	С	F	BOD (UT & LT)	С	13,690	
STW001242	CAR/L/1001672	Tain	2 Tier	С	F	С	FC (UT) & FS (UT)	F	5,780	
STW001265	CAR/L/1001670	Cawdor	2 Tier	С	F	С	TC (UT) & FC (UT)	С	279	
STW002296	CAR/L/1002928	Gairloch	2 Tier	С	F	С	pH (UT)	С	931	
STW001249	CAR/L/1001671	Croy	2 Tier	С	F	С	TC (UT) & FC (UT)	С	391	
STW001293	CAR/L/1001665	Portmahomack	2 Tier	С	F	С	pH (UT)	С	567	
STW001251	CAR/L/1008717	Dornoch	2 Tier	С	F	С	FC (UT) & FS (UT)	С	2,597	
STW000680	CAR/L/1003619	Stranraer (Port Rodie)	2 Tier	С	С	F	BOD (UT & LT)	F	12,174	
STW000230	CAR/L/1003548	Dalscone (Old)	2 Tier	F	С	С	BOD (LT)	F	3,605	
STW002093	CAR/L/1000412	Inversnaid	2 Tier	F	F	С	BOD (UT & LT)	F	108	
STW000488	CAR/L/1003422	Luss	2 Tier	С	F	С	pH (UT)	С	509	
STW001401	CAR/L/1001739	Kennethmont	2 Tier	F	F	С	SS (UT) & BOD (LT)	F	138	
STW001289	CAR/L/1001747	Carrbridge	2 Tier	С	F	С	pH (ÚT)	С	868	
STW003492	CAR/L/1004186	Dyke	2 Tier	F	С	С	BOD (LT)	F	200	
STW001312	CAR/L/1003971	Forres	2 Tier	С	С	F	BOD (UT) & COD (UT & LT)	С	11,276	
STW003754	CAR/L/1001451	Upperton Village	2 Tier	F	F	С	BOD (UT & LT)	F	143	
STW000921	CAR/L/1002174	Dunnet	2 Tier	F	С	С	FC (LT)	F	297	
STW001931	CAR/L/1016489	Stromness	2 Tier	С	F	С	SS (UT)	С	2,617	
STW001727	CAR/L/1000993	Burrelton	2 Tier	С	F	С	SS (UT)	С	665	
STW000483	CAR/L/1000666	Lochwinnoch	2 Tier	С	F	F	BOD (UT), SS (UT) & COD (UT)	С	2,759	
STW000707	CAR/L/1003315	Thankerton	2 Tier	С	F	С	SS (UT)	С	475	
STW000138	CAR/L/1011152	Cartland Village	2 Tier	F	F	С	BOD (UT & LT)	F	84	
STW000576	CAR/L/1063681	Philipshill	2 Tier	С	F	С	NH3 (UT)	С	58,835	
STW000039	CAR/L/1003399	Ashgill	2 Tier	С	F	С	BOD (UT) & SS	С	1,445	
STW001979	CAR/L/1003819	Alloa	2 Tier	С	С	F	(UT) BOD (UT)	С	43,493	
STW000418	CAR/L/1000371	Kilmartin	2 Tier	С	F	С	BOD (UT) & SS (UT)	С	158	
STW001780	CAR/L/1009517	Monikie	2 Tier	С	F	С	BOD (UT) & SS (UT)	С	449	
STW002268	CAR/L/1001375	Stirling	2 Tier	С	F	С	pH (UT)		69,026	
STW002011	CAR/L/1003386	Balmaha	2 Tier	С	F	С	BOD (UT)	С	195	
STW001491	CAR/L/1001718	Inverurie (New)	2 Tier	С	F	С	BOD (UT) & SS (UT)	С	10,528	
STW001348 STW001325	CAR/L/1001764 CAR/L/1001754	Craigellachie	2 Tier 2 Tier	F	C	C C	SS (LT)	F F	558 106	
STW001325 STW000295	CAR/L/1001754 CAR/L/10006756	Dallas Forth	2 Tier	F	C	C	SS (UT & LT) BOD (LT)	F	106 2,498	
							\ /		_,	

	FAILING PE (OPA)	25,691
	TOTAL NUMERICALLY CONSENTED PE (OPA)	12
%PE FAILING (OPA)		214088.03%
LOWER TIER FAILING		10
UPPER TIER FAILING		29
SINGLE TIER FAILING		0
TOTAL FAILING		34

Comments	
Authorised by:Baine Hamilton	Date:15/06/2012

Date: Mar 2012 Revision: 15.0

Overall Performance Assessment (OFWAT environmental measures)

1) Sewage treatment works consent compliance

An assessment of sewage treatment works (STWs) with the conditions of their discharge consents.

An assessment of the percentage population equivalent (pe) served by STWs that do not comply with the conditions of their discharge consents. The measure addresses compliance with conditions covering the following.

- Sanitary determinands of 1991 Water Resources Act numeric consents. Bio-chemical oxygen demand and phosphorus determinands of Urban
- Waste Water Treatment Directive (UWWTD) consents.
- Phosphorus determinands of 1991 Water Resource Act numeric consents.
 Disinfection conditions of 1991 Water Resource Act consents.

Sewage treatment works compliance conditions included in the OPA

Parameter	Legislation	Compliance condition
Biochemical oxygen demand (BOD)	WRA ¹	Compliance with the look up table (LUT) effluent consent condition
	UWWT ²	limits
		Compliance with LUT consent condition limit requiring percentage
		removal of BOD across the works, as assessed by influent and
	UWWT ²	effluent BOD concentrations.
Suspended solids (SS)	WRA	Compliance with the LUT effluent consent condition limit
Ammonia (NH4)	WRA	Compliance with the LUT effluent consent condition limit
Phosphorus (P)	WRA	Compliance with the effluent consent condition limit
	UWWT ²	
		Compliance with the consent condition limit requiring percentage
		removal of P across the works, as assessed by influent and effluent P
	UWWT ²	concentrations.
		Compliance with the required UV dose for 99% of the time (where the
		period of time is annual or seasonal as specified in the consent
UV Disinfection	WRA	conditions ³).

¹ WRA – Water Resources Act

Calculation

pe of STWs failing their consent conditions for sanitary determinands, phosphorus determinands and disinfection conditions x100 Relevant pe served (resident) (numeric consents)

Performance range

The performance range against which individual company OPA scores are calculated will be:

Max 4 93

2) Category 1 and 2 pollution incidents (sewage)

Description

An assessment of the number of category 1 and 2 pollution incidents resulting from sewage collection and treatment activities.

Unit of assessment

The number of category 1 and 2 pollution incidents resulting from sewage collection and treatment activities per million population equivalent (pe) served. See table for details of which pollution incidents are included.

Classification of pollution incidents according to each OPA measure

Source/premises	Category 1& 2	Category 3
Sewage treatment works	Included in OPA.	
Combined sewer overflow	Category 1 & 2 pollution	Included in OPA. Category 3 pollution incidents (sewage).
Storm tank	incidents (sewage).	included in OFA. Category 5 politition incluents (sewage).
Rising main	incidents (sewage).	
Water treatment works	Included in OPA.	
Water distribution system	Category 1 & 2 pollution	Not included in the
Surface water outfall	Not included in OPA.	OPA.
Pumping station	Included in OPA.	
Foul sewers	Category 1 & 2 pollution	Included in OPA. Category 3 pollution incidents (sewage).
Other	incidents (sewage).	

Calculation

Category 1 and 2 pollution incidents
Population equivalent served resident / 1,000,000

Performance range

The performance range against which individual company OPA scores are calculated will be:

Max 6.17

Min 1.06

3) Category 3 pollution incidents (sewage)

Description

An assessment of the number of category 3 pollution incidents resulting from sewage collection and treatment activities.

Unit of assessment

The number of category 3 pollution incidents resulting from sewage collection and treatment activities per million population equivalent (pe) served. See table in (2) for details of which pollution incidents are included.

Calculation

Category 3 pollution incidents

² UWWT – Urban Waste Water Treatment Regulations

The UWWT regulations provide two approaches for BOD and P: A works is considered to have met compliance conditions if it passes either of these conditions.

³ Some works are required to apply UV disinfection year round, others during the bathing

Population equivalent served resident / 1,000,000

The performance range against which individual company OPA scores are calculated will be: Max 145.07

Min 9.44

4) Category 1 and 2 pollution incidents (water)

Description

An assessment of the number of sategory 1 and 2 pollution incidents resulting from water treatment and distribution activities.

The number of category 1 and 2 pollution incidents resulting from water treatment and distribution activities per million winter population served. See

table in (2) for details of which pollution incidents are included.

Category 1 and 2 pollution incidents Winter population / 1,000,000

Performance range
The performance range against which individual company OPA scores are calculated will be:
Max 1.7

Min 0