Table 1: Pollution incidents

Reporting period

Apr-Mar 2008

			Year 2007		
		Category 1	Category 2	Category 3	Total
	Sewage Related Premises	Total Number	Total Number	Total Number	Total Number (Cat 1-3 incidents) (Automatically Calculated)
1	Sewage Treatment Works	2	10	80	92
2	Storm Tank	0	0	5	5
3	Combined Sewer Overflow	1	9	62	72
4	Foul Sewer	0	31	237	268
5	Pumping Station	1	11	135	147
6	Rising Mains	0	2	7	9
7	Other	0	2	16	18
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) (Automatically Calculated)
9	Water Treatment Works	0	0	6	6
10	Water Distribution System	0	0	5	5
11	Surface Water Outfall	0	4	46	50
12	Number of incidents where site compliant with discharge consent				0
13 14	Total (Sewage and Water and Surface Water) related Premises (Automatically Calculated) Total (Sewage and Water and Surface Water) number of Incidents where site compliant with Discharge Consent (Automatically Calculated)	4	69 0	599 0	
15	Total Number of all Category 1-3 incidents (Automatically Calculated)	672	ļ		
16	Total Number where site compliant with Consent (Automatically Calculated)	0			
17	Total Number of Water Company self reported incidents	369		Includes 268 eve	ents recorded by SW but not by

ot by SEPA

Table 2: Compliance

Reporting period

Apr-Mar 2008

	A) All Discharges		Calendar Year 2006
1	Total consented discharges at year end	nr	
2	Total discharges sampled in year	nr	
3	Number of discharges compliant	nr	
	B) Look-up Table Lower Tier Consents		
4	Total consented discharges at year end	nr	
5	Total discharges sampled in year	nr	606
6	Number of discharges compliant	nr	575
	C) Upper Tier Consents		
7	Total consented discharges at year end	nr	
8	Total discharges sampled in year	nr	606
9	Number of discharges compliant	nr	573
	D) Single Tier Consents		
10	Total consented discharges at year end	nr	
11	Total discharges sampled in year	nr	30
12	Number of discharges compliant	nr	29
	E) Absolute non-Sanitary Consents		
13	Total consented discharges at year end	nr	
14	Total discharges sampled in year	nr	
15	Number of discharges compliant	nr	
	F) Non-numeric Consent		
16	Total consented discharges at year end	nr	
17	Total discharges sampled in year	nr	
18	Number of discharges compliant	nr	
	G) Discharges confirmed as failing		
19	Number of discharges confirmed as failing	nr	
20	Total population equivalent confirmed as failing	ре	
21	Total population equivalent served by STWs (resident) (numeric consents)	pe	
22	Percentage population equivalent confirmed as failing	%	

Reporting period

Apr-Mar 2008

SEWAGE TREATMENT WORKS (including septic tanks and crude outfalls)

Table 3: Discharges Confirmed as Failing

						Criteria (r	lease specify	Y/N)	l	
		Name of	Receiving	Population	LUT	Upper Tier	Single Tier	Upper Tier/absolute	Legislation	Parameter
Count	Reference	Discharge	Water [1]	Equivalent	Sanitary	Sanitary	Sanitary	Non sanitary	[2]	[3]
2		Inverurie Willowbank	I, S I, N	44	Y	Y			CAR	
3	1	Mintlaw	I, N	44		Y				
4	1	Hatton of Cruden	I, S	700	Y					
5		Woodlands of Durris	I, N	34	Y					
6		Echt	I, N	158	Y					
7		Dunnecht	I, N	100	Y					
8		Kinneff	I, N	165	Y Y					
9 10		Brechin Dunlop	I, S I, S	9943	ř	Y				
11	1	Maybole	I, S			Ý				
12		Stewarton	I, S			Ý				
13		Cumnock	I, S	15695	Y					
14		Reston	I, N			Y				
15		Oxton	I, N	260	Y					
16		Alness	E, N			Y				
17 18		Conon Bridge Milton of Kildary	I,N I.N			Y Y				
19	1	Culloden	I, N			Ý				
20	1	Croy	I, N			Ý		1 1		
21		Tain	E, N			Y		1		
22		Brackla/Geddess	I, N			Y				
23		Kirkhill	I, N			Y				
24		Invergordon	E, N			Y				
25 26		Kiltarlity Dornoch	I, N E, N			Y Y				
26		Portmahomack	E, N C, N			Ý				
28		Drumnadrochit	I. N	1312	Y					
29		Dingwall	E, N		-	Y				
30		Stoneykirk	I, N	30	Y					
31		Canonbie	I,N			Y				
32		Pringleton Penpont		5	Y					
33 34		Rowanburn Torthorwald	I, N I, N	7 146	Y Y					
35		Glentrool	I, N	140		Y				
36		Inversnaid	I, S	55	Y	•				
37		Dalmuir	E, N		Y					
38		Kinloss	I, N			Υ				
39		Insh	I, N	77	Y					
40		Aviemore	I, N			Y				
41 42		Grantown Dufftown	I, N I, N	4391 1759	Y					
43		Dyke	I, N	1755		Y				
44		Plean	I, N			Y				
45		Armadale	I, N	11601	Y					
46		Whitburn	I, S			Υ				
47		Livingston	I, S	4066						
48		Abington	I, N	524	Y	X				
49 50		Carstairs Vill Forth	I,N I, S			Y Y				
51		Blackwood	I, S I,N			Y				
52		Hamilton	I, S	64417	Y					
53		Cartland	I, N	82	Y					
54		Thurmster	I, N	193						
55		Stromness	C, N	1741						
56 57		Coupar Angus	I, N	2278	T	Y				
57 58		Aberfeldy Wolfhill	I, N I, N	164	v	I				
59		Tyndrum	I, N I, N	104		Y				
60		Callander	I, N	3836	Y					
61		Blackford	I, N	685	Y					
62		Doune	I, N	1144	Υ					
63		Tarbert	C, N			Y				
		Clachan				Y				
64 65		Scalloway	C, N				Y			

See Footnote

Note: Dalmuir is recorded as a failing works due to a sample history for BOD which ended in May 2007 following the completion of a Capital Improvement project and a licence review which removed this parameter from the CAR conditions of the licence

One from: I = Inland, E = Estuarial, C = Coastal, G = Groundwater, and one from: N = Normal, S = Sensitive Area (UWWTD), H = exHNDA (please specify)
Please indicate the legislation in which the discharge has not been compliant (*Le.* UWWT, CRA, other)
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). For UV disinfection failures

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 CRA consent and the BOD LUT or P UWWT consent condition, the failure is reported against the WRA consent only

Table 1: Pollution incidents

Reporting period

od Jan - Dec 2007

			Year 2007		
		Category 1	Category 2	Category 3	Total
	Sewage Related Premises	Total Number	Total Number	Total Number	Total Number (Cat 1-3 incidents) (Automatically Calculated)
1	Sewage Treatment Works				0
2	Storm Tank				0
3	Combined Sewer Overflow				0
4	Foul Sewer				0
5	Pumping Station				0
6	Rising Mains				0
7	Other				0
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) (Automatically Calculated)
9	Water Treatment Works				
10	Water Distribution System				
11	Surface Water Outfall				
12	Number of incidents where site compliant with discharge consent				
13 14	Total (Sewage and Water and Surface Water) related Premises (Automatically Calculated) 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				

Table 2: Compliance

Reporting period

Jan-Dec 2007

	A) All Discharges		Calendar Year 2007
1	Total consented discharges at year end	nr	
2	Total discharges sampled in year	nr	641
3	Number of discharges compliant	nr	
	B) Look-up Table Lower Tier Consents		-
4	Total consented discharges at year end	nr	
5	Total discharges sampled in year	nr	602
6	Number of discharges compliant	nr	567
	C) Upper Tier Consents		
7	Total consented discharges at year end	nr	
8	Total discharges sampled in year	nr	602
9	Number of discharges compliant	nr	572
	D) Single Tier Consents		
10	Total consented discharges at year end	nr	
11	Total discharges sampled in year	nr	39
12	Number of discharges compliant	nr	37
	E) Absolute non-Sanitary Consents		
13	Total consented discharges at year end	nr	
14	Total discharges sampled in year	nr	
15	Number of discharges compliant	nr	
	F) Non-numeric Consent		
16	Total consented discharges at year end	nr	
17	Total discharges sampled in year	nr	
18	Number of discharges compliant	nr	
	G) Discharges confirmed as failing		
19	Number of discharges confirmed as failing	nr	
20	Total population equivalent confirmed as failing	pe	
21	Total population equivalent served by STWs (resident) (numeric consents)	pe	
22	Percentage population equivalent confirmed as failing	%	

Table 3: Discharges Confirmed as Failing

Reporting period

Jan - Dec 2007

SEWAGE TREATMENT WORKS (including septic tanks and crude outfalls)

						Critoria (r	lease specify	Y/N)		
		Name of	Receiving	Population	LUT	Upper Tier	Single Tier	Upper Tier/absolute	Legislation	Parameter
Count	Reference	Discharge	Water [1]	Equivalent	Sanitary	Sanitary	Sanitary	Non sanitary	[2]	[3]
1		Inverurie	I, S			Y			CAR	
2		Willowbank	I, N	44	Y	Y				-
4		Daviot Mintlaw	I, N I, S			Y Y				
5		Ellon	I, S			Y				
6	F	latton of Crude	I, S	700	Y					1
7		codlands of Du	I, U	34	Y					1
8		Echt	I, N	158	Ý					
9		Dunnecht	I, N	100	Ý					
10		Kinneff	I, N	165	Y					
11		Dunlop	I, S			Y				
12		Maybole	I, S			Y				
13		Stewarton	I, S			Y				
14		Stow	I, N			Y				
15		Oxton	I, N	260	Y					
16		Alness	E, N			Y				
17		Culloden	I, N			Y				
18		Croy	I, N			Y				-
19	-	Tain	E, N			Y				-
20	E E	Brackla/Gedde Kirkhill	I, N I. N			Y Y				+
21		Invergordon	I, N E, N	6772	Y	т				+
22		Kiltarlity	E, N I, N	0//2	ř	Y				+
23		Dornoch	E, N			Ý				+
24		Portmahomac	E, N C, N			Y				-
26		Drumnadrochi	I, N	1312	Y					
27		Dingwall	E, N	1012		Y				-
28		Stoneykirk	I, N	30	Y					
29		Kirkconnell	I, N	5878	Ý					
30	P	ringleton Penp		5	Ý					
31		Rowanburn		7	Ý					
32		Torthorwald	I, N	146	Y					
33		Glentrool	I, S			Y				
34		Inversnaid	I, S	55	Y					
35			E, N		Y					
36			I, S			Y				
37			I, N			Y				
38			I, N	77	Y					
39			I, N			Y				
40		Grantown		4391						
41		Dufftown		1759	Y					
42			I, N			Y				
43 44		Philpstoun		333						
		Armadale		11601						
45 46		Whinchburgh Whitburn		2657 11797						
46 47		Bridgend		764						
47 48		Largoward		306						
40 49		Stonehouse		300		Y				
49 50		Abington		524	Y					
51			I, N	524	•	Y				
52			I, S I, N	2250	Y	•				
53			I, N	64417						
54			I, N	0.417		Y				
55		Thrumster		193	Y	•				
56		Stromness		1741						
57		Coupar Angus		2278						
58		Aberfeldy				Y				
59			I, N	164	Y					
60			Í, N			Y				
61			I, N	3836	Y					
62			I, N	685	Υ					
63			I, N	1144						
64			Ċ, N			Υ				
65		Tillicoultry				Y				
		Johnstone Pk	I N				Y			
66 67		Scalloway					Y			

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Please indicate the legislation in which the discharge has not been compliant (I.e. UWWT, CRA, other)
BOD, COD, SS, NH3, pH, Scheme in breach of statutory deadlines, etc. For UWWTD failures specify: Reporting, Audit, Insufficient samples, BOD UT, BOD UT, COD UT, COD LUT or Annual average (or a combination of these). For UW distriction failures

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See Footnote

Overall Performance Assessment (OFWAT measures)

1) Sewage treatment works consent compliance

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

Unit of assessment 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
	WRA ¹	Compliance with the look up table (LUT) effluent consent condition
Biochemical oxygen demand	UWWT ²	limits
(BOD)		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
	WRA	Compliance with the effluent consent condition limit
	UWWT ²	Compliance with the emdent consent condition limit
Phosphorus (P)		Compliance with the consent condition limit requiring percentage
		removal of P across the works, as assessed by influent and effluent
	UWWT ²	P 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

² UWVT – UMan Waste Water Treatment Regulations The UWVT 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

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 Min 0

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		Included in OPA. Category 3 pollution incidents (sewage).
Storm tank	incidents (sewage).	included in OFA. Category 5 polititor 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	incidente (comado)	

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:

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 Population equivalent served resident / 1,000,000

Performance range 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.

Unit of assessment 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.

Calculation 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