

SEPA Annual Report to the Water Industry Commission for Scotland

Table 1a: Pollution Incidents (Calendar year 2009)

		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	0	3	109	112
2	Storm Tank	0	1	2	3
3	Combined Sewer Overflow	0	8	88	96
4	Foul Sewer	0	13	401	414
5	Pumping Station	1	5	134	140
6	Rising Mains	0	0	0	0
7	Other	0	0	0	0
8	<i>Number of incidents where site compliant with discharge consent</i>	0	0	3	3

		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	0	0	4	4
10	Water Distribution System	1	0	2	3
11	Surface Water Outfall	1	4	39	44
12	<i>Number of incidents where site compliant with discharge consent</i>	0	0	0	0

13	Total (Sewage and Water and Surface Water) related Premises (Automatically Calculated)	3	34	779
14	<i>Total (Sewage and Water and Surface Water) number of Incidents where site compliant with Discharge Consent (Automatically Calculated)</i>	0	0	3

15	Total Number of all Category 1-3 incidents (Automatically Calculated)	816
16	Total Number where site compliant with Consent (Automatically Calculated)	3
17	Total Number of Water Company self reported incidents	229

Comments	
Numbers agreed with Scottish Water	

Authorised by: Duncan Robertson	26/05/2010
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Table 1b: Pollution Incidents (Financial year 2009-10)

		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	0	1	104	105
2	Storm Tank	0	2	3	5
3	Combined Sewer Overflow	0	5	93	98
4	Foul Sewer	0	13	393	406
5	Pumping Station	1	3	149	153
6	Rising Mains	0	0	0	0
7	Other	0	0	0	0
8	<i>Number of incidents where site compliant with discharge consent</i>	0	0	3	3

		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	0	0	5	5
10	Water Distribution System	1	0	1	2
11	Surface Water Outfall	0	0	14	14
12	<i>Number of incidents where site compliant with discharge consent</i>	0	0	0	0

13	Total (Sewage and Water and Surface Water) related Premises (Automatically Calculated)	2	24	762
14	<i>Total (Sewage and Water and Surface Water) number of Incidents where site compliant with Discharge Consent (Automatically Calculated)</i>	0	0	3

15	Total Number of all Category 1-3 incidents (Automatically Calculated)	788
16	Total Number where site compliant with Consent (Automatically Calculated)	3
17	Total Number of Water Company self reported incidents	241

Comments	
Numbers agreed with Scottish water	

Authorised by: Duncan Robertson	26/05/2010
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Table 2: Compliance

NUMERIC CONSENTS			Calendar Year 2009	Financial year 2009-10
Water Environment (Controlled Activities) Regulations 2005 (CAR)				
A) Sewage treatment works: Total number				
1	No. of discharges on register during calendar year (in force).	nr	1252	1252
2	No. of discharges assessed for compliance	nr	601	604
3	No. of discharges confirmed failing in calendar year.	nr	38	35
4	% of discharges compliant with consent in the year	%	96.96%	97.20%
B) Look-up Table Lower Tier Consents				
5	No. of discharges on register during calendar year (in force).	nr	1252	1252
6	No. of discharges assessed for compliance	nr	601	604
7	No. of discharges confirmed failing in calendar year.	nr	15	12
8	% of discharges compliant with consent in the year	%	98.80%	99.04%
C) Upper Tier Consents				
9	No. of discharges on register during calendar year (in force).	nr	1252	1252
10	No. of discharges assessed for compliance	nr	601	604
11	No. of discharges confirmed failing in calendar year.	nr	27	26
12	% of discharges compliant with consent in the year	%	97.84%	97.92%
D) Single Tier Consents				
13	No. of discharges on register during calendar year (in force).	nr	1252	1252
14	No. of discharges assessed for compliance	nr	24	27
15	No. of discharges confirmed failing in calendar year.	nr	0	0
16	% of discharges compliant with consent in the year	%	100.00%	100.00%
E) Absolute non-Sanitary Consents				
17	No. of discharges on register during calendar year (in force).	nr		
18	No. of discharges assessed for compliance	nr		
19	No. of discharges confirmed failing in calendar year.	nr		
20	% of discharges compliant with consent in the year	%	#DIV/0!	#DIV/0!
F) Discharges confirmed as failing (CAR)				
21	Number of discharges confirmed as failing (CAR)	nr		
22	Total population equivalent confirmed as failing	nr		
23	Total population equivalent served by STWs (resident) (numeric consents)	nr		
24	Percentage population equivalent confirmed as failing	%	#DIV/0!	#DIV/0!
Urban Wastewater Treatment Directive (UWWTD)				
G) UWWTD				
25	No. of discharges on register during calendar year (in force).	nr	1252	1252
26	No. of discharges assessed for compliance	nr	202	202
27	No. of discharges confirmed failing in calendar year.	nr	8	7
28	% of discharges compliant with consent in the year	%	99.36%	99.44%
Overall Performance Assessment (OPA) consent measure				
H) Discharges confirmed as failing (OPA criteria only)				
29	Number of discharges confirmed as failing (OPA)	nr		
30	Total population equivalent confirmed as failing	nr		
31	Total population equivalent served by STWs (resident) (numeric consents)	nr		
32	Percentage population equivalent confirmed as failing	%	#DIV/0!	#DIV/0!
NON-NUMERIC CONSENTS			Calendar Year 2009	Financial year 2009-10
I) Non-numeric Consent				
33	No. of discharges on register during calendar year (in force).	nr		
34	No. of discharges assessed for compliance	nr		
35	No. of discharges confirmed failing in calendar year.	nr		
36	% of discharges compliant with consent in the year	%	#DIV/0!	#DIV/0!
Comments				
Please note that the no. of discharges on the register during the calendar year is based on a data extract from SEPA's Corporate Licence Administration System The extract was undertaken in November 2009				
Authorised by: ...Elaine Hamilton.....			Date: ...11/06/2010.....	

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Table 3a: Discharges Confirmed as Failing (Calendar year 2009)

SEWAGE TREATMENT WORKS (including septic tanks and crude outfalls)

DECEMBER 2009										
ASSET No.	CAR CONSENT NUMBER	ASSET NAME	CONSENT TYPE ("2 Tier", "1 Tier", "Other")	CAR Compliant / Failed (C or F)		UWWTD Compliant / Failed (C or F)	Parameter(s) failed*	OPA** Compliant / Failed (C or F)	PE	Comments
				LT	UT	ALL				
STW001487	CAR/L/1001612	Inverurie	2 Tier	C	F	C	BOD (UT) & SS (UT)	C	11,934	
STW001504	CAR/L/1001717	Clinterty	2 Tier	C	F	C	pH (UT)	C	75	
STW001842	CAR/L/1001641	Woodlands of Durris	2 Tier	C	F	C	BOD (UT)	C	84	
STW001843	CAR/L/1010495	Drumoak	2 Tier	F	C	C	NH3 (LT)	F	844	
STW000671	CAR/L/1003405	Stewarton	2 Tier	F	C	C	P (LT)	F	6,782	
STW000246	CAR/L/1003410	Drongan	2 Tier	F	C	F	BOD (LT)	F	4,437	
STW000725	CAR/L/1003407	Uplawmoor	2 Tier	F	C	C	BOD (LT)	F	626	
STW002186	CAR/L/1001010	Whitsome	2 Tier	F	C	C	NH3 (LT)	F	90	
STW001265	CAR/L/1001670	Cawdor	2 Tier	C	F	C	FC(UT) & pH (UT)	F	124	Faecal coliforms
STW001254	CAR/L/1002869	Tomatin	2 Tier	F	F	C	BOD (UT & LT) & SS (UT)	F	111	
STW001212	CAR/L/1003853	Invergordon	2 Tier	C	F	C	BOD (UT) & SS (UT)	C	11,799	
STW001242	CAR/L/1001672	Tain	2 Tier	C	F	C	FC (UT) & FS (UT)	F	3,637	Faecal coliforms and Faecal streps
STW000680	CAR/L/1003619	Stranraer	2 Tier	C	C	F	BOD (LT & UT) & COD (LT)	F	14,134	
STW000611	CAR/L/1000194	Rhu	2 Tier	C	F	C	SS (UT)	C	68	
STW002093	CAR/L/1000412	Inversnaid	2 Tier	C	F	C	BOD (UT) & SS (UT)	C	68	
STW002011	CAR/L/1003386	Balmaha	2 Tier	F	F	C	BOD (UT & LT)	F	126	
STW002238	CAR/L/1003797	Pencailtland	2 Tier	F	C	C	BOD (LT)	F	1,335	
STW002317	CAR/L/1008721	Aviemore	2 Tier	C	F	C	BOD (UT)	C	4,647	
STW001317	CAR/L/1001685	Kinloss	2 Tier	C	F	F	SS (UT), BOD (LT & UT) & COD (LT & UT)	F	2,513	
STW001401	CAR/L/1001739	Kennethmont	2 Tier	F	C	C	NH3 (LT)	F	150	
STW001309	CAR/L/1001740	Grantown on Spey	2 Tier	C	F	F	SS (UT), BOD (LT & UT) & COD (LT)	F	5,660	
STW001289	CAR/L/1001747	Carrbridge	2 Tier	C	F	C	pH (UT)	C	623	
STW001263	CAR/L/1003862	Kincraig	2 Tier	C	F	C	pH (UT)	C	302	
STW001234	CAR/L/1001762	Kingussie	2 Tier	C	C	F	BOD (UT & LT)	F	1,685	
STW001385	CAR/L/1001769	Cairnie	2 Tier	F	C	C	BOD (LT)	F	91	
STW001418	CAR/L/1001773	Cornhill	2 Tier	C	F	C	SS (UT)	C	204	
STW003492	CAR/L/1004186	Dyke	2 Tier	C	F	C	BOD (UT) & SS (UT)	C	194	
STW001998	CAR/L/1001162	Airth	2 Tier	C	F	C	SS (UT)	C	1,595	
STW000265	CAR/L/1003729	Dunnswood	2 Tier	F	C	C	NH3 (LT)	F	30,625	
STW002001	CAR/L/1003755	Arncroach Village	2 Tier	C	F	C	NH3 (UT) & BOD (UT)	C	121	
STW003650	CAR/L/1016489	Stromness	2 Tier	C	F	C	SS (UT)	C	1,104	
STW001731	CAR/L/1001033	Coupar Angus	2 Tier	F	F	C	BOD (UT & LT) & SS (UT)	F	8,984	
STW001724	CAR/L/1001132	Blairgowrie	2 Tier	C	F	F	BOD (UT), SS (UT) & COD (UT)	C	9,450	
STW002176	CAR/L/1008726	Tyndrum	2 Tier	C	F	C	SS (UT)	C	502	
STW000542	CAR/L/1000751	Netherburn	2 Tier	F	C	C	BOD (LT)	F	607	
STW000138	CAR/L/1011152	Cartland Village	2 Tier	F	F	C	BOD (UT & LT) & SS (UT)	F	83	
STW002255	CAR/L/1001047	Tillicoultry	2 Tier	C	F	F	SS(UT), BOD (UT) & COD (UT)	C	6,360	
STW001678	CAR/L/1004933	Blackford	2 Tier	F	C	C	NH3 (LT)	F	1,278	
STW001985	CAR/L/1001146	Ironmill Bay	2 Tier	C	C	F	BOD (UT) & COD (UT)	C	41,977	
STW000768	CAR/L/1001626	Doone Carlaway	2 Tier	C	F	C	BOD (UT)	C	67	
STW000425	CAR/L/1000611	Kilmore	2 Tier	C	F	C	BOD (UT)	C	68	

* 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).
 ** Please follow OPA criteria as described in the "Ofwat OPA guidance" worksheet

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

FILING PE (OPA) **83,922**
 TOTAL NUMERICALLY CONSENTED PE (OPA) **6,819,164**

%PE FAILING (OPA)	1.23%
LOWER TIER FAILING	15
UPPER TIER FAILING	27
SINGLE TIER FAILING	0
TOTAL FAILING	38

Comments

Authorised by: ...Ealine Hamilton..... Date: ...11/06/2010.....

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Table 3b: Discharges Confirmed as Failing (Financial year 2008-09)

SEWAGE TREATMENT WORKS (including septic tanks and crude outfalls)

MARCH 2010											
ASSET No.	CAR CONSENT NUMBER	ASSET NAME	CONSENT TYPE	CAR		UWWTD	Parameter(s) failed*	OPA**		PE	Comments
				Compliant / Failed (C or F)	Compliant / Failed (C or F)	Compliant / Failed (C or F)		Compliant / Failed (C or F)	Compliant / Failed (C or F)		
				LT	UT	ALL					
STW001487	CAR/L/1001612	Inverurie	2 Tier	C	F	C	BOD (UT) & SS (UT)	C		11,934	
STW001529	CAR/L/1001724	Udny Station	2 Tier	C	F	C	BOD (UT)	C		266	
STW002186	CAR/L/1001010	Whitsome	2 Tier	F	C	C	NH3 (LT)	F		90	
STW001265	CAR/L/1001670	Cawdor	2 Tier	C	F	C	FC(UT) & pH(UT)	F		124	Faecal coliforms
STW001254	CAR/L/1002869	Tomatin	2 Tier	F	F	C	BOD (UT & LT) & SS (UT)	F		111	
STW001212	CAR/L/1003853	Invergordon	2 Tier	C	F	C	BOD (UT) & SS (UT)	C		11,799	
STW001242	CAR/L/1001672	Tain	2 Tier	C	F	C	FC (UT) & FS (UT)	F		3,637	Faecal coliforms and Faecal streps
STW001144	CAR/L/1002065	Cannich Village	2 Tier	F	F	C	SS (UT & LT)	F		178	
STW000680	CAR/L/1003619	Stranraer	2 Tier	C	C	F	BOD (UT & LT) & COD (LT)	F		14,134	
STW000327	CAR/L/1003563	Glencaple	2 Tier	F	C	C	SS (LT)	F		264	
STW000012	CAR/L/1003555	Johnstone Park	2 Tier	C	F	C	BOD (UT)	C		79	
STW000611	CAR/L/1000194	Rhu	2 Tier	C	F	C	SS (UT)	C		68	
STW002093	CAR/L/1000412	Inversnaid	2 Tier	C	F	C	BOD (UT) & SS (UT)	C		68	
STW002011	CAR/L/1003386	Balmaha	2 Tier	C	F	C	BOD (UT)	C		126	
STW000033	CAR/L/1003274	Ardoch	2 Tier	C	C	F	BOD (UT) & COD (UT)	C		70,734	
STW002084	CAR/L/1003774	Haddington	2 Tier	F	C	C	NH3 (LT)	F		10,630	
STW002317	CAR/L/1008721	Aviemore	2 Tier	C	F	C	BOD (UT)	C		4,647	
STW001401	CAR/L/1001739	Kennethmont	2 Tier	F	C	C	NH3 (LT)	F		150	
STW001309	CAR/L/1001740	Grantown on Spey	2 Tier	C	F	F	SS (UT) & BOD (UT)	C		5,660	
STW001289	CAR/L/1001747	Carrbridge	2 Tier	C	F	C	pH (UT)	C		623	
STW001234	CAR/L/1001762	Kingussie	2 Tier	C	C	F	BOD (UT & LT)	F		1,685	
STW001385	CAR/L/1001769	Cairnie	2 Tier	F	C	C	BOD (LT)	F		91	
STW001418	CAR/L/1001773	Cornhill	2 Tier	C	F	C	SS (UT)	C		204	
STW003492	CAR/L/1004186	Dyke	2 Tier	C	F	C	BOD (UT) & SS (UT)	C		194	
STW001345	CAR/L/1004123	Oakenhead	2 Tier	C	F	C	BOD (UT) & SS (UT)	C		38,197	
STW001972	CAR/L/1001579	Armadale	2 Tier	F	C	C	BOD (LT)	F		12,862	
STW002001	CAR/L/1003755	Arcroach Village	2 Tier	C	F	C	NH3 (UT) & BOD (UT)	C		121	
STW003650	CAR/L/1016489	Stromness	2 Tier	C	F	C	SS (UT)	C		1,104	
STW001731	CAR/L/1001033	Coupar Angus	2 Tier	F	F	C	BOD (UT & LT) & SS (UT)	F		8,984	
STW001724	CAR/L/1001132	Blairgowrie	2 Tier	C	F	F	BOD (UT), SS (UT) & COD (UT)	C		9,450	
STW002176	CAR/L/1008726	Tyndrum	2 Tier	C	F	C	SS (UT)	C		502	
STW000542	CAR/L/1000751	Netherburn	2 Tier	F	C	C	BOD (LT)	F		607	
STW000076	CAR/L/1003429	Blackwood	2 Tier	F	C	C	BOD (LT)	F		4,032	
STW000138	CAR/L/1011152	Cartland Village	2 Tier	C	F	C	BOD (UT) & SS (UT)	C		83	
STW002255	CAR/L/1001047	Tillicoultry	2 Tier	C	F	F	SS(UT), BOD (UT) & COD (UT)	C		6,360	
STW001985	CAR/L/1001146	Ironmill Bay	2 Tier	C	C	F	BOD (UT) & COD (UT)	C		41,977	
STW002173	CAR/L/1008796	Thornhill	2 Tier	F	C	C	BOD (LT)	F		482	
STW000768	CAR/L/1001626	Doune Carloway	2 Tier	C	F	C	BOD (UT)	C		67	
STW000425	CAR/L/1000611	Kilmore	2 Tier	C	F	C	BOD (UT)	C		68	

FAILING PE (OPA) **58,061**
 TOTAL NUMERICALLY CONSENTED PE (OPA) **6,819,164**

%PE FAILING (OPA)	0.85%
LOWER TIER FAILING	12
UPPER TIER FAILING	26
SINGLE TIER FAILING	0
TOTAL FAILING	35

Comments

Authorised by: ...Elaine Hamilton..... Date:11/06/2010.....