







# Rural Diffuse Pollution priority catchment update

Stephen Field Land unit manager



## **Content of presentation**

- Cycle 1 update
- Use of fixed monetary penalties
- Cycle 2 approach
- Cycle 2 delivery update

P REFERENCE	Catchment Name	Delivery Cycle	Scheduled Year	West Maintand Hoo Scare Main Scare Main Scare Main Scare Main Scare Main Scare Main Scare Maintan Maintan Scare Maintan Main
1	River Deveron	RBMP 1	2015	S Times Considerations
2	Buchan Coastal	RBMP 1	2015	Case Wight
3	River Ugie	RBMP 1	2015	Strathy Sorsbater Defication of Defication o
4	River Dee (Grampian)	RBMP 1	2015	Maryer Thurso
5	River South Esk	RBMP 1	2015	Birtor there the San
6	River Tay	RBMP 1	2015	Super year Street
7	Eye water	RBMP 1	2015	Heady Subtriefled Faggus Indi
8	Stewartry Coastal	RBMP 1	2015	Edducation Service
9	Galloway Coastal	RBMP 1	2015	Althabarra
10	River Doon	RBMP 1	2015	Autorace Dumboath
11	North Ayrshire Coastal	RBMP 1	2015	the Lockinser Inchnadamph
12	River Ayr	RBMP 1	2015	Colinary Ludmore Manager
13	River Irvine	RBMP 1	2015	and the state of t
14	River Garnock	RBMP 1	2015	Driver Brotze
15	Inverness Coastal	RBMP 2	2016	Ullapool Bonar Bridge Golapie
16	River Nairn	RBMP 2	2016	direction of the second
17	Kincardine Coastal	RBMP 2	2016	Durnsch see
18	Dundee Coastal	RBMP 2	2016	Tring 1
19	Dighty Water	RBMP 2	2016	Alberts interrol Burghead Commonth Culties Rithead Head
20	Whiteadder Water	RBMP 2	2016	Transerty Duckies Dept Dept Dept Dept Dept Dept Dept Dept
21	River Tweed (lower)	RBMP 2	2016	Achirosheet 25 Rain 38
22	Urr Water	RBMP 2	2016	march 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
23	River Dee (Solway)	RBMP 2	2016	HIGHLAND OH OF Aberloar
24	Water of Girvan	RBMP 2	2016	Inverticas   Inver
25	Cromarty Coastal	RBMP 2	2017	North Consisted Services Moray
26	River Don	RBMP 2	2017	Use ClearAffer Courseagn Octor
27	Bervie Water	RBMP 2	2017	invermoristos Carrierdos Porcetados Porcetad
28	North Fife Coastal	RBMP 2	2017	Monadhilath Patermin
29	River Eden	RBMP 2	2017	Fort Augustus Mountains Aberdeen
30	South Fife Coastal	RBMP 2	2017	to form therefore Seastonmore
31	River Esk (Lothian)	RBMP 2	2017	and the same of th
32	East Lothian Coastal	RBMP 2	2017	S C O TOWA N D CAMPAGORMS Discount
33	River Tyne	RBMP 2	2017	Speun Bridge Stanehaveri
34	Annan Coastal	RBMP 2	2017	MOUNTAIN S
35	Dumfries Coastal	RBMP 2	2017	A Start Lock
36	Lochar Water	RBMP 2	2017	Nanischieven Panischieven
37	Moray Coastal	RBMP 2	2018	A Pitiochry 5 Munitrose
38	River Lossie	RBMP 2	2018	OUT NOTICES PERTH AND KININGS Aberbatty R for
39	River Ythan	RBMP 2	2018	40
40	Angus Coastal	RBMP 2	2018	of Lam Arbreath
41	Earn Coastal	RBMP 2	2018	Taymort Diedness Allan and Samoustie
42	River Earn	RBMP 2	2018	Delmaily Crianianich Communication and Period Of Period
43	River Leven (Fife)	RBMP 2	2018	LOCH COMPONE REACH COMP
44	Stirling Coastal	RBMP 2	2018	42 without 29 5283
45	Gretna Coastal	RBMP 2	2018	Enter Tartier Craft
46	River Esk (Solway)	RBMP 2	2018	Stracker Stracker 1995 52 County of the Stracker 1995 Stra
47	River Annan	RBMP 2	2018	The second secon
48	Wick River	RBMP 2	2019	Hallestorical Comment of the Comment
49	Banff Coastal	RBMP 2	2019	observation (Light) description of the control of t
50	River North Esk (Tayside)	RBMP 2	2019	Output Ou
51	Lunan Water	RBMP 2	2019	Amazola Santa Sant
52	River Forth	RBMP 2	2019	Torridor Palabara Palabara
53	Forth Estuary (South)	RBMP 2	2019	Glasgow 20
	Coastal			interior and interior
54	River Almond	RBMP 2	2019	West till professor and the street of the st
55	River Tweed (Upper)	RBMP 2	2019	in Brodies trying 13 th
56	River Clyde	RBMP 2	2019	man months again formed to see the second of
57	Thurso Coastal	RBMP 2	2019	Winters Presented 12
3	7			Duming of the property of the second of the
of products	-			Camping Camping
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#### **PRIORITY CATCHMENTS**

Colour coded by scheduled year of delivery for workload planning







### Summary of cycle 1 visits

- All 14 priority catchment walked
- 450 awareness raising events attended
- 3215 initial visits to farms
- 34% compliance
- 1667 1st revisits completed
- Behavioural change 85%
- 391 2<sup>nd</sup> revisits 80% compliant
- 87 3<sup>rd</sup> revisits 98% compliant
- Use of FMPs



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#### Revisits and Fixed Monetary Penalties (FMP)

Priority Catchment	Initial 1:1 visits completed	% of farms compliant at initial 1:1 visit	No. of 1st revisits completed in Priority catchments to date	% of farms showing positive response at 1 <sup>st</sup> revisit	No of 2 <sup>nd</sup> revisits completed to farms working towards compliance and non- compliant at 1 <sup>st</sup> revisit	% of farms showing positive response at 2 <sup>nd</sup> revisit	No of 3 <sup>nd</sup> revisits completed to farms working towards compliance and non- compliant at 2 <sup>nd</sup> revisit	% of farms showing positive response at 3 <sup>rd</sup> revisit
Ayr	250	13%	174	93%	8	100%		
Doon	103	14%	25	84%	2	50%		
North Ayrshire	97	60%	38	97%	0			
Irvine	156	26%	63	78%	0			
Garnock	108	33%	85	78%	0			
Galloway coastal	317	3%	227	99%	49	98%		
Stewartry coastal	173	28%	105	96%	5	100%		
Eye	57	32%	43	97%	12	67%	57	100%
Тау	459	49%	212	63%	0			
South Esk	169	31%	111	74%	41	73%	30	96%
Dee	298	46%	135	84%	81	87%		
Deveron	370	46%	109	76%	83	82%		
Buchan Coastal	278	58%	121	98%	0			
Ugie	380	39%	215	77%	110	59%		
Totals	3215	34%	1667	85 %	391	80%	87	98%



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#### **Cycle1 summary continued**









## **Cycle 2 Progress**

- Work started July 2016 recruitment of 7 staff
- November 2016 on the ground visits
- New inspection procedure



initial visit compliance



- On the road Farming and Water Scotland
- Delivery of Forest and Water Scotland



Priority Catchment	Initial 1:1 visits completed	% of farms compliant at initial 1:1 visit		
Urr water	53	76		
Dumfries coastal	160	72		
Lochar water	69	64		
River dee	97	53		
Water of Girvan	71	45		
Whiteadder	137	47		
River Tweed	335	50		
Dundee coastal	84	58		
Dighty water	65	72		
Kincardine coastal	102	58		
Nairn	100	60		
River Don	49	38		
Cromarty coastal	47	50		
Totals	1469	57%		



#### Main pollution concerns / non compliances

#### Steading issues

- Oil storage
- Silage pits
- Middens
- Contaminated yard drainage
- Silage bags
- Slurry stores

#### Field issues

- GBR 19 significant poaching
- GBR 20 land cultivation
- Point source discharges
- Farm tips
- Unlicensed engineering activities



#### Other issues raising concerns

- Use and storage of Anaerboic digestate
- Being observed across all catchments at present
- Concern as material is PAS110 little or no regulation governing the storage and use of this fertiliser compared to other agri & non agri wastes applied to land
- Some concern around over application of material due to limitations on available land banks
- CAUSING POLLUTION IN CATCHMENTS



