



Rural Diffuse Pollution priority catchment update

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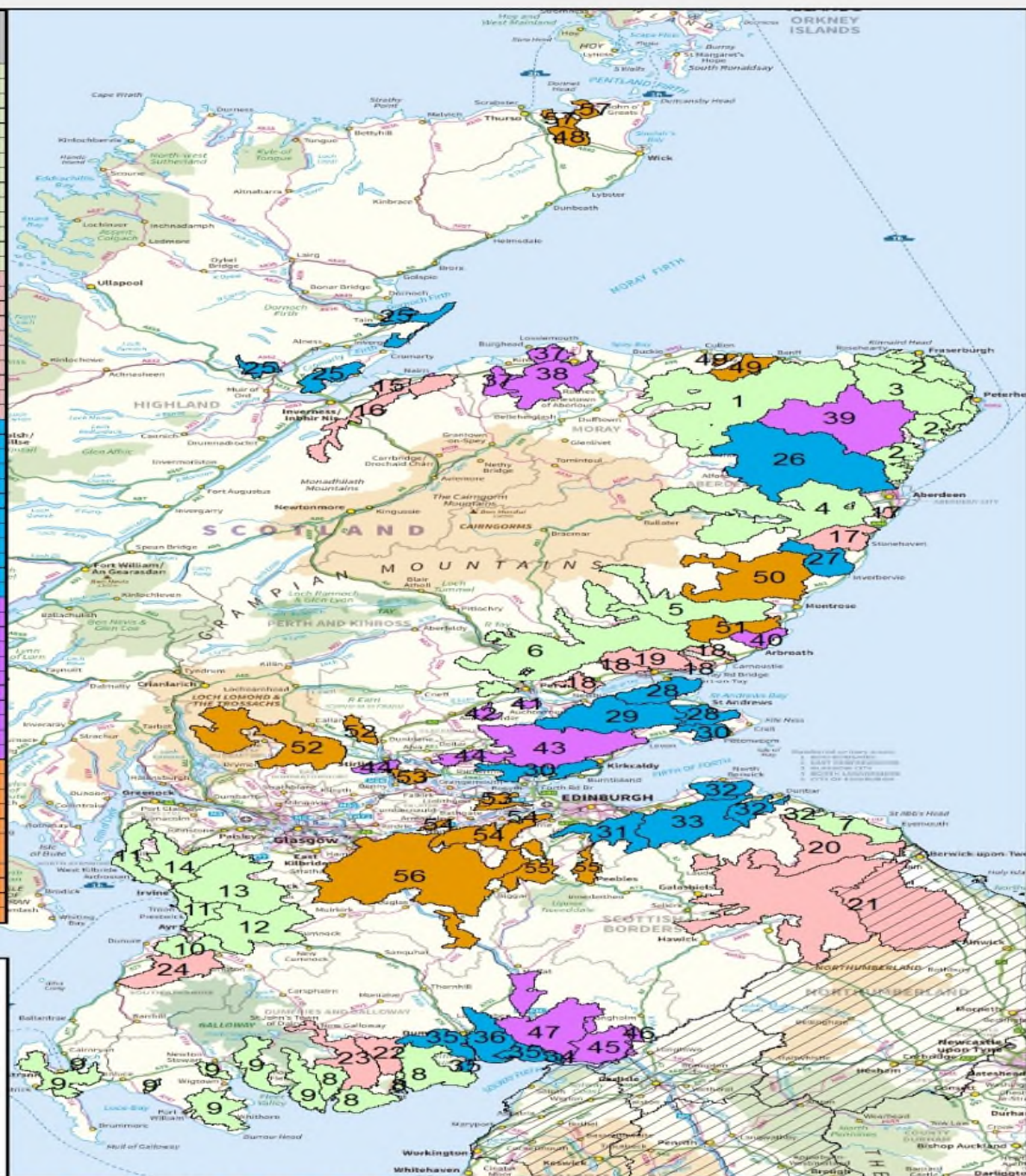
Content of presentation

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

MAP REFERENCE	Catchment Name	Delivery Cycle	Scheduled Year
1	River Deveron	RBMP 1	2015
2	Buchan Coastal	RBMP 1	2015
3	River Ugie	RBMP 1	2015
4	River Dee (Grampian)	RBMP 1	2015
5	River South Esk	RBMP 1	2015
6	River Tay	RBMP 1	2015
7	Eye water	RBMP 1	2015
8	Stewartry Coastal	RBMP 1	2015
9	Galloway Coastal	RBMP 1	2015
10	River Doon	RBMP 1	2015
11	North Ayrshire Coastal	RBMP 1	2015
12	River Ayr	RBMP 1	2015
13	River Irvine	RBMP 1	2015
14	River Garnock	RBMP 1	2015
15	Inverness Coastal	RBMP 2	2016
16	River Nairn	RBMP 2	2016
17	Kincardine Coastal	RBMP 2	2016
18	Dundee Coastal	RBMP 2	2016
19	Dighty Water	RBMP 2	2016
20	Whiteadder Water	RBMP 2	2016
21	River Tweed (lower)	RBMP 2	2016
22	Urr Water	RBMP 2	2016
23	River Dee (Solway)	RBMP 2	2016
24	Water of Girvan	RBMP 2	2016
25	Cromarty Coastal	RBMP 2	2017
26	River Don	RBMP 2	2017
27	Bervie Water	RBMP 2	2017
28	North Fife Coastal	RBMP 2	2017
29	River Eden	RBMP 2	2017
30	South Fife Coastal	RBMP 2	2017
31	River Esk (Lothian)	RBMP 2	2017
32	East Lothian Coastal	RBMP 2	2017
33	River Tyne	RBMP 2	2017
34	Annan Coastal	RBMP 2	2017
35	Dumfries Coastal	RBMP 2	2017
36	Lochar Water	RBMP 2	2017
37	Moray Coastal	RBMP 2	2018
38	River Lossie	RBMP 2	2018
39	River Ythan	RBMP 2	2018
40	Angus Coastal	RBMP 2	2018
41	Earn Coastal	RBMP 2	2018
42	River Earn	RBMP 2	2018
43	River Leven (Fife)	RBMP 2	2018
44	Stirling Coastal	RBMP 2	2018
45	Gretna Coastal	RBMP 2	2018
46	River Esk (Solway)	RBMP 2	2018
47	River Annan	RBMP 2	2018
48	Wick River	RBMP 2	2019
49	Banff Coastal	RBMP 2	2019
50	River North Esk (Tayside)	RBMP 2	2019
51	Lunan Water	RBMP 2	2019
52	River Forth	RBMP 2	2019
53	Forth Estuary (South) Coastal	RBMP 2	2019
54	River Almond	RBMP 2	2019
55	River Tweed (Upper)	RBMP 2	2019
56	River Clyde	RBMP 2	2019
57	Thurso Coastal	RBMP 2	2019

Legend

	GEOMASTER.OS_BOUNDARYLINE_ENGLAND
	RBMP1_2015_Priority_Catchments
	RBMP2_2016_Scheduled
	RBMP2_2017_Scheduled
	RBMP2_2018_Scheduled
	RBMP2_2019_Scheduled



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 2nd revisits – 80% compliant
- 87 3rd revisits – 98% compliant
- Use of FMPs

Revisits and Fixed Monetary Penalties (FMP)

Priority Catchment	Initial 1:1 visits completed	% of farms compliant at initial 1:1 visit	No. of 1 st revisits completed in Priority catchments to date	% of farms showing positive response at 1 st revisit	No of 2 nd revisits completed to farms working towards compliance and non-compliant at 1 st revisit	% of farms showing positive response at 2 nd revisit	No of 3 rd revisits completed to farms working towards compliance and non-compliant at 2 nd revisit	% of farms showing positive response at 3 rd 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%
Tay	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%

Cycle1 summary continued



Cycle 2 Progress

- Work started – July 2016 – recruitment of 7 staff
- November 2016 – on the ground visits
- New inspection procedure
- Farmer reception - encouraging
- 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 Anaerobic 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

