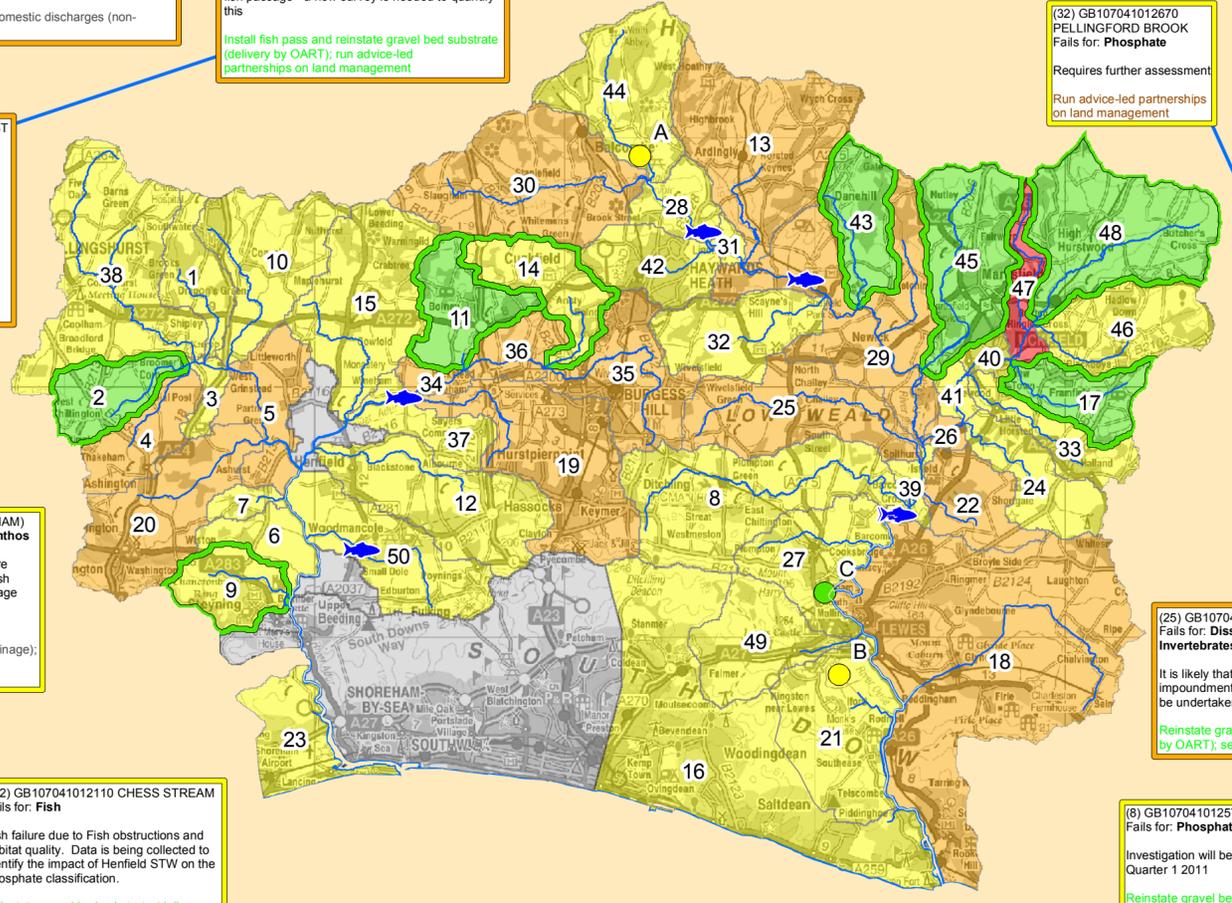


Adur & Ouse River Catchments and Lakes

- (1) GB107041012270 ADUR
Fails for: **Hydrology, Phosphate**
Sampling for phosphate has been set up within this waterbody, as phosphate element is currently classified using adjacent Adur (Knepp) waterbody data which is not representative
Bank rehabilitation
- (2) GB107041012190 ADUR (HAMMER POND)
- (3) GB107041012170 ADUR (KNEPP)
Fails for: **Fish, Phosphate**
Cause of phosphate failure at Bay Bridge is likely to be in the upstream waterbody (38) which also fails for phosphate with levels significantly higher.
- (4) GB107041012160 ADUR (LANCING BROOK)
Fails for: **Fish**
Investigation into reasons for the fish failure is due to be completed in Q1 2011/12
Reinstate gravel bed substrate (delivery by OART)
- (5) GB107041012200 ADUR (LOTTBRIDGE)
Fails for: **Fish, Phosphate**
The cause of the fish failure is identified as an obstruction to eel migration and movement of coarse fish populations; an AMP5 scheme to install phosphate stripping will contribute to improve the phosphate classification
- (6) GB107041013220 ADUR (LOWER)
Fails for: **Expert Judgement, MMA**
Mitigation measures to improve floodplain connectivity and set-back embankments
- (7) GB107041013030 ADUR (LOWER)
Fails for: **Expert Judgement**
Confirmation that this expert judgement classification is correct will be completed in Q1 2011/12
- (8) GB107041012040 BLACK SEWER
Fails for: **Fish**
Fish classification predicted to achieve good status following actions delivery by Sussex Ouse Conservation Society (SOCS) and River Adur Conservation Society (RACS)
Install fish pass and reinstate gravel bed substrate (delivery by SOCS and RACS)
- (9) GB107041006510 LADYWELL STREAM
Fails for: **Expert Judgement**
Confirmation that this expert judgement classification is correct will be completed in Q1 2011/12
- (10) GB107041012280 BLAKES GILL
Fails for: **Fish, Phosphate**
New data is required to confirm the fish failure. The phosphate status will improve in the next round of classification as levels have been falling since 2006
- (11) GB107041012250 BOLNEY SEWER
- (12) GB107041012110 CHESS STREAM
Fails for: **Fish**
Fish failure due to Fish obstructions and habitat quality. Data is being collected to identify the impact of Henfield STW on the phosphate classification.
Reinstate gravel bed substrate (delivery by OART)
- (13) GB107041012740 COCKHAISE BROOK
Fails for: **Fish**
Failure is likely to be linked to habitat and barriers to fish passage but an investigation will be undertaken during Quarter 1 2011
- (14) GB107041012240 COPYHOLD STREAM
Fails for: **Phosphate, Invertebrates**
The phosphate status is predicted to improve to good status by 2014 following planned improvements to Cuckfield STW under AMP5. New invertebrate data will be collected by the next RBMP round as current data is not suitable for classification.
- (15) GB107041012260 COWFOLD STREAM
Fails for: **Fish, Phytobenthos**
The fish data used in the current classification is not representative; No relevant data exists and clarification is being sought. An investigation into the sources of phosphate is being carried out.
- (16) GB107041006550 DRAIN AT PIDDINGHOE
Fails for: **Expert Judgement**
Moderate status of this waterbody is due to the expert judgement on classification for morphology.
- (17) GB107041012650 FRAMFIELD STREAM
- (18) GB107041012510 GLYNDE REACH
Fails for: **Dissolved Oxygen, Fish, Phosphate**
Fish failure is likely to be due to inefficient sampling methods, Phosphate failures likely to be attributed to point and diffuse sources, although some AMPV improvements are planned. Investigation to be undertaken during Quarter 1 2011.
- (19) GB107041012150 HERRINGS STREAM
Fails for: **Fish, Hydrology**
Fish failure is thought to be due to barriers to fish passage - a new survey is needed to quantify this
Install fish pass and reinstate gravel bed substrate (delivery by OART); run advice-led partnerships on land management
- (20) GB107041012120 HONEYBRIDGE STREAM
Fails for: **Fish**
New fish data is being collected before the next RBMP round to improve confidence in the classification. Phosphate will improve with AMP works scheduled for Ashington WWTW by 2015
AMP5 scheme for phosphate-stripping
- (21) GB107041013080 IFORD MARSHES
Fails for: **Expert Judgement, Hydrology**
This waterbody will not achieve GEP by 2015 despite meeting all mitigation measures as investigatory work indicates that the site does not achieve Good status for phosphate, copper, macrophytes and invertebrates. Monitoring to inform improvements will be undertaken
Mitigation measure for appropriate water level management strategies, including timing and volume of water moved.
- (22) GB107041012950 IRON RIVER
Fails for: **Fish, Phosphate**
Further assessment required
MORPH project
- (23) GB107041012200 ADUR (LOTTBRIDGE)
Fails for: **Fish, Phosphate**
Cause of phosphate failure at Bay Bridge is likely to be in the upstream waterbody (38) which also fails for phosphate with levels significantly higher.
- (24) GB107041012590 LITTLE HORSTED STREAM
Fails for: **Fish, Phosphate**
Requires further assessment
Reinstate gravel bed substrate (delivery by OART); run advice-led partnerships on land management
- (25) GB107041012960 LONGFORD STREAM
Fails for: **Dissolved Oxygen, Fish, Invertebrates**
It is likely that these failures are related to impoundments; however, an investigation will be undertaken in Quarter 1 2011
Reinstate gravel bed substrate (delivery by OART); sediment investigation
- (26) GB107041012580 LOWER UCK BETWEEN FORD AND ISHURST
Fails for: **Invertebrates, Phosphate**
The Phosphate failures are likely to be associated with the discharge from Uckfield STW whilst the invertebrate failures are likely to be associated with difficulties in sampling and poor habitat; however, an investigation will be undertaken during Quarter 1 2011
- (27) GB107041012530 NORTHEAST STREAM AT COOKSBRIDGE
Fails for: **Phosphate**
Failure is likely to be associated with point and diffuse sources; however, an investigation will be undertaken in Q1 2011
Install fish pass and reinstate gravel bed substrate (delivery by OART)
- (28) GB107041012720 OUSE FROM ARDINGLY RESERVOIR TO LINDFIELD
Fails for: **Fish, MMA**
Requires further assessment
AMP5 scheme for phosphate-stripping; run advice-led partnerships on land management. Mitigation measure to ensure that the thermal regime in waters downstream of the impounding works is consistent with good status conditions. MORPH project
- (29) GB107041012710 OUSE FROM COCKHAISE BROOK CONFLUENCE TO SPITHURST
Fails for: **Fish, MMA, Phosphate, Phytobenthos**
These failures are likely to be attributed to the discharges at Scaynes Hill and barriers to fish passage; however, an investigation will be undertaken in Q1 2011
AMP5 scheme for phosphate-stripping; run advice-led partnerships on land management. Mitigation measure to ensure that the thermal regime in waters downstream of the impounding works is consistent with good status conditions. MORPH project
- (30) GB107041012730 OUSE FROM SLAUGHAM TO ARDINGLY RESERVOIR
Fails for: **Fish, Phosphate**
Phosphate failures are likely to be ameliorated through AMPV improvements at three WWTWs which discharge to the headwaters. Fisheries failures are associated with barriers to migration which will be improved through the implementation of MORPH
AMP5 schemes for phosphate-stripping
- (31) GB107041012690 OUSE FROM ARDINGLY RESERVOIR TO LINDFIELD
Fails for: **Fish, MMA**
Requires further assessment
AMP5 scheme for phosphate-stripping; run advice-led partnerships on land management. Mitigation measure to ensure that the thermal regime in waters downstream of the impounding works is consistent with good status conditions. MORPH project
- (32) GB107041012670 PELLINGFORD BROOK
Fails for: **Phosphate**
Requires further assessment
Run advice-led partnerships on land management
- (33) GB107041012630 RIDGEWOOD STREAM
Fails for: **Invertebrates, Phosphate**
Phosphate and invertebrate failures are suspected to be caused by agricultural diffuse pollution and/or point source discharge from Holland STW; however, an investigation will be undertaken in Q1 2011
AMP5 scheme for phosphate-stripping; mitigation measures to educate landowners on sensitive management practices (urbanisation), preserve and where possible enhance ecological value of marginal aquatic habitat, banks and riparian zone; habitat work and structure removal delivery by OART at Buxted Park, part of MORPH. Hempstead Mill also MORPH site.
Reinstate gravel bed substrate (delivery by SOCS and RACS); sediment investigation; run advice-led partnerships on land management
- (34) GB107041012180 RIVER ADUR EAST
Fails for: **Fish, Phosphate**
Fish failures due to Fish obstruction and channel modification. Waterbody has been proposed as a nutrient sensitive area, and if successful will result in phosphate stripping at Goddards Green STW.
AMP5 scheme for phosphate-stripping; run advice-led partnerships on land management
- (35) GB107041012220 RIVER ADUR EAST
Fails for: **Fish, Invertebrates**
Invertebrate failure is suspected to be caused by diffuse and point diffuse pollution together with poor habitat. A new fish survey is needed to increase confidence in the fish classification. Phosphate is likely to improve as a result of planned improvements at Foxhill STW and Wivelsfield STW.
- (36) GB107041012210 RIVER ADUR EAST (GODDARDS GREEN)
Fails for: **Fish, Invertebrates, Macrophytes, Morphology, Phosphate, Phytobenthos**
The reason for failing elements in this waterbody has been confirmed as a point source water industry discharge. Further evidence will be needed to support this during the PR14 process. Elevated phosphate levels are causing the macrophytes and phytobenthos to fail also. Urban run-off from Burgess Hill may also be impacting the invertebrates.
Action on small, domestic discharges (non-mains drainage)
- (37) GB107041012900 RIVER ADUR EAST (SAKEHAM)
Fails for: **Fish, Macrophytes, Phosphate, Phytobenthos**
Phosphate, phytobenthos and macrophyte failures are thought to be linked to point and diffuse pollution. Fish failure is suspected to be due to barriers to fish passage and habitat quality.
Run advice-led partnerships on land management; action on small, domestic discharges (non-mains drainage); install fish pass at Wineham Bridge (EA fish passage programme)
- (38) GB107041012290 RIVER ADUR WEST
Fails for: **Dissolved Oxygen, Fish, Invertebrates, Phosphate**
Point source discharge is contributing to the phosphate, dissolved oxygen, and invertebrate failures. Fish obstructions are contributing to the fish failure, but habitat is also poor. Action on small, domestic discharges (non-mains drainage)
- (39) GB107041012560 RIVER OUSE BETWEEN ISFIELD AND COAST
Fails for: **Benzo (ghi) perylene and indeno (123-cd) pyrene, Fish, MMA, Phosphate**
Phosphate failure related to discharges upstream. Further investigation needed to confirm reasons for fisheries failure.
Habitat enhancement of St. Andrews stream (delivery by SOCS); investigation to confirm metaldehyde problem; run advice-led partnerships on land management; mitigation measures to put structures or other mechanisms in place to enable fish to access waters upstream and downstream of the impounding works, improve floodplain connectivity, set-back embankments and remove obsolete structures.
- (40) GB107041012660 RIVER UCK AT UCKFIELD
Fails for: **Invertebrates, MMA**
Failures are likely to be linked to the extensive modifications (for flood relief) to the channel and urbanised nature of this waterbody; however, an investigation will be undertaken during Q1 2011
- (41) GB107041012640 RIVER UCK, RIDGEWOOD STREAM CONFLUENCE TO FORD
Fails for: **Phosphate**
Phosphate failure suspected to be due to point source pollution, phosphate-apportionment work to be undertaken
- (42) GB107041012680 SCRASE BRIDGE STREAM AT HAYWARDS HEATH
Fails for: **MMA**
Further assessment required
Mitigation measures to educate landowners on sensitive management practices (urbanisation), alteration of channel bed (within culvert) and re-opening existing culverts.
- (43) GB107041013000 SHEFFIELD PARK STREAM
- (44) GB107041018000 SHELL BROOK UPSTREAM OF ARDINGLY RESERVOIR
Fails for: **Fish, Invertebrates, MMA**
Failures are likely to be associated with Ardingly Reservoir; an investigation will be undertaken during Q1 2011
Mitigation measures to provide flows to move sediment downstream, and maintain sediment management regime to avoid degradation of the natural habitat characteristics of the downstream river.
- (45) GB107041012980 SHORTBRIDGE STREAM
Install fish pass and reinstate gravel bed substrate (delivery by SOCS and RACS)
- (46) GB107041012970 TICKERAGE STREAM
Fails for: **Phosphate**
Phosphate failure suspected to be due to point and diffuse pollution, however the waterbody typology needs to be confirmed before further investigation continues.
Run advice-led partnerships on land management
- (47) GB107041012700 TRIBUTARY OF RIVER UCK NORTH OF UCKFIELD
Fails for: **Fish, Invertebrates, Morphology**
Fish and invertebrate failures are caused by signal crayfish and impoundments. in-stream impoundments need to be removed or modified.
- (48) GB107041012990 UCK UPSTREAM OF BUXTED
- (49) GB107041012450 WINTERBOURNE STREAM AT LEWES
Fails for: **Expert Judgement, Hydrology, MMA**
Failure is likely to be associated with point and diffuse sources; however, an investigation will be undertaken in Q1 2011
Mitigation measures to retain marginal aquatic and riparian habitats (channel alteration) and increase in-channel morphological diversity



Legend

Lakes	River Catchments	Key to RBMP Annex C actions by sector:
● Good	■ Good	■ River restoration and fish passage
● Moderate	■ Moderate	■ AMP
● WFD Fish Passes	■ Poor	■ Diffuse agricultural pollution
— WFD river	■ Bad	■ Diffuse urban pollution
■ Good Status by 2015	■ Not Assessed	■ Hydromorphology