



County Water Pollution Incident Reduction Plan (PIRP) 2026

Chief Executive Statement

I am acutely aware of the important role wastewater companies have in responsibly treating the wastewater that our customers produce. We deliver this service 365 days a year, 24 hours a day, so life can flow smoothly for everyone. It's clear that the industry is subject to too many pollution incidents across the country and so County Water must do what it can to maintain the highest standards in our local area. This matters because it impacts the environment and the communities we serve.

We continue to work with the local developers to invest in the local sewer systems and treatment works. This Pollution Incident Reduction Plan (PIRP) sets out how our current environmental performance and the key actions to maintain our current high standards. Our PIRP forms part of our wider river health strategy, which states our ambition to discharge higher quality treated effluent to required standards, reduce potentially polluting discharges to our rivers and work with partners to improve river water quality.

A handwritten signature in black ink, appearing to read "Gavin Angell", written over a light grey rectangular background.

Gavin Angell

Chief Executive Officer



Heyford Park

PIRP 2026

Table 1. Frequency and seriousness of pollution incidents from Surface Water Sewers in 2025

For months without pollution incidents, enter 0 and for months with pollution incidents enter a number.

Month	Category 1 pollution incidents	Category 2 pollution incidents	Category 3 pollution incidents
January	0	0	0
February	0	0	0
March	0	0	0
April	0	0	0
May	0	0	0
June	0	0	0
July	0	0	0
August	0	0	0
September	0	0	0
October	0	0	0
November	0	0	0
December	0	0	0



Table 2. Cause of serious pollution incidents from Surface Water Sewers in 2025

Event number	Reported date and time	Location	Seriousness	Root cause
None				

Table 3. Causes of Category 3 pollution incidents from Surface Water Sewers in 2025

Insert a percentage figure for each root cause.

Root cause	Number of Category 3 pollution incidents	Proportion of Category 3 pollution incidents (%)
None		



Table 4. Measures taken to maintain Surface Water Sewers in 2025

Measure	Description of actions	Scale of action(s)	Impact of the measure (Category 1-3 incidents prevented)	Root cause(s) addressed by the measure	Recent pollution incident performance issues identified in the DWMP	Delivery status of the measure
Proactive cleaning and maintenance of ditches, gullies and Fuel interceptors	Ditch clearance, inspection of fuel interceptor alarm stations, Gully cleaning and maintenance and inspection of SUDS ponds.	Programme covering 25% of the sewer network per year and targeted at higher risk areas such as gullies near to trees and screens at outfalls and retention ponds.	No incidents	Not applicable	None	Not applicable
Inspection of Gallos Brook and downstream dam and retention basin	Clear stream of loose vegetation, check dam sluice outlet and screen is free of debris, Check build up of silt in the retention basin.	Monthly checks on stream, dam and basin. Dredging of silt build up if required on an annual/ biennial basis	Prevents flooding downstream	Not applicable	None	Not applicable



Table 5. Planned additional measures for Surface Water Sewers in 2026

Additional measures	Description of actions	Scale of actions in the next calendar year	Expected impact of the measure in the next calendar year (Category 1 to 3 incidents prevented)	Root causes addressed by the measure	Recent pollution incident performance issues identified in your DWMP	Implementation start date of the measure	Implementation completion date of the measure
Improved inspections and cleaning of fuel interceptors	Arrange annual cleaning and maintenance of fuel interceptors on the County Water served area	50% of fuel interceptors to be cleaned and undergo maintenance	No impact	Not applicable	None	01/05/2026	30/09/2026
Check fuel interceptors and operation of solar alarms	Arrange specialist inspection and maintenance of solar alarms at fuel interceptors	All solar alarms to be inspected and maintained	No impact	Not applicable	None	01/05/2026	30/09/2026



Table 1. Frequency and seriousness of pollution incidents from Foul Water Sewers in 2025

For months without pollution incidents, enter 0 and for months with pollution incidents enter a number.

Month	Category 1 pollution	Category 2 pollution	Category 3 pollution
January	0	0	0
February	0	0	0
March	0	0	0
April	0	0	0
May	0	0	0
June	0	0	0
July	0	0	0
August	0	0	0
September	0	0	0
October	0	0	0
November	0	0	0
December	0	0	0



Table 2. Cause of serious pollution incidents from Foul Water Sewers in 2025

Event number	Reported date and time	Location	Seriousness	Root cause
None				

Table 3. Causes of Category 3 pollution incidents from Foul Water Sewers in 2025

Insert a percentage figure for each root cause.

Root cause	Number of Category 3 pollution incidents	Proportion of Category 3 pollution incidents (%)
None		

Table 4. Measures taken to maintain Foul Water Sewers in 2025

Measure	Description of actions	Scale of action(s)	Impact of the measure (Category 1-3 incidents prevented)	Root cause(s) addressed by the measure	Recent pollution incident performance issues identified in the DWMP	Delivery status of the measure
Inspections and cleaning of new foul sewers connected to the network	High pressure jetting, CCTV surveys of drainage runs and checking of inspection chambers	All new housing connections and foul sewers. Approx 138 No houses added in 2024/2025	No incidents	Not applicable	None	Not applicable
Final inspections, testing and surveying before being adopted on a S104 Agreement	As built records, CCTV surveys, visual inspections	Completed drainage to new housing parcels prior to adoption by County Water	No incidents	Not applicable	None	Not applicable
Monitor of inflows from privately owned foul sewers into the County Water network	Monitoring of inflows to assess volumes and any groundwater infiltration. Liaison with private owners to assess status of existing foul sewers, their maintenance regime and proposals to reduce infiltration	Volumes of flows entering from private properties monitored on a regular/ quarterly basis. Quarterly meetings with private owners to review progress on maintenance, repairs and infiltration reduction.	No incidents	Not applicable	None	Not applicable

<p>Condition of foul sewers on the County Water network</p>	<p>Appointed maintenance drainage engineers to attend to any reported blockages.</p>	<p>Review with drainage engineers on a quarterly basis to identify any problems area which may require further inspections and remedial work</p>	<p>No incidents</p>	<p>Not applicable</p>	<p>None</p>	<p>Not applicable</p>
<p>Assessment of non-flushable items entering the foul network</p>	<p>Reviewing with drainage engineers if non flushable items are causing problems in the network. Check with operators of wastewater treatment plant if volumes of screened materials are changing.</p>	<p>Discussions with drainage engineers to identify any hotspots in the network. Issue information leaflets to properties on the County Water network to advise on items that cannot be flushed or poured into drains.</p>	<p>No incidents</p>	<p>Not applicable</p>	<p>None</p>	<p>Not applicable</p>



Table 5. Planned additional measures for Foul Water Sewers in 2026

Additional measures	Description of actions	Scale of actions in the next calendar year	Expected impact of the measure in the next calendar year (Category 1 to 3 incidents prevented)	Root causes addressed by the measure	Recent pollution incident performance issues identified in your DWMP	Implementation start date of the measure	Implementation completion date of the measure
Instigate a rolling programme of foul sewer maintenance approx. 20% of network / year	Arrange contract for drainage engineers to carry out cleaning and CCTV surveys and reporting	Identify 20% of County Water network to be maintained	No impacts expected as no incidents to date	Not applicable	Not applicable	March 2026	December 2026 and ongoing
Measure inflows and infiltration from private properties with new MCerts installation at wastewater plant	Monitor in flows against dry weather flows to assess effectiveness of any remedial actions.	Monthly assessment of flows going to wastewater plant.	No impacts on pollution incidents as no incidents to date.	Not applicable	Not applicable	May 2026	December 2026 and ongoing
Keep issuing leaflets to residents warning of non-flushable items	Leaflets distributed	Allow for 2 No leaflets issued to all properties throughout 2026	No impacts on pollution incidents as no incidents to date	Not applicable	Not applicable	Throughout 2026	December 2026



Table 1. Frequency and seriousness of pollution incidents from Foul Pumping Stations in 2025

For months without pollution incidents, enter 0 and for months with pollution incidents enter a number.

Month	Category 1 pollution incidents	Category 2 pollution incidents	Category 3 pollution incidents
January	0	0	0
February	0	0	0
March	0	0	0
April	0	0	0
May	0	0	0
June	0	0	0
July	0	0	0
August	0	0	0
September	0	0	0
October	0	0	0
November	0	0	0
December	0	0	0



Table 2. Cause of serious pollution incidents from Foul Pumping Stations in 2025

Event number	Reported date and time	Location	Seriousness	Root cause
None				

Table 3. Causes of Category 3 pollution incidents from Foul Pumping Stations in 2025

Insert a percentage figure for each root cause.

Root cause	Number of Category 3 pollution incidents	Proportion of Category 3 pollution incidents (%)
None		

Table 4. Measures taken to maintain Foul Pumping Stations in 2025

Measure	Description of actions	Scale of action(s)	Impact of the measure (Category 1-3 incidents prevented)	Root cause(s) addressed by the measure	Recent pollution incident performance issues identified in the DWMP	Delivery status of the measure
Monitoring of Condition Status on new Pumping Stations	Contract placed with PDAS to remotely monitor operation of the Pumping stations and to react accordingly	Ongoing monitoring with contracts renewed on an annual basis. Reports issued by PDAS to confirm compliance	No incidents	Not applicable	No incidents	Not applicable
Monitoring of condition status of older pumping stations	Contracts placed with Total Automated Solutions (TAS) to monitor alarms from Pumping Stations and to notify maintenance operators Severn Trent Services (STS) and County Water of any issues	Ongoing monitoring contracts with Total Automated Solutions (TAS) renewed on an annual basis. TAS carry out an annual check of each asset and carry out end to end checks on all alarm facilities	No incidents	Not applicable	No incidents	Not applicable
Maintenance of new Pumping Stations	Contracts in place with PDAS to carry out regular site inspections on operation of the Pumping Stations	Ongoing maintenance contracts with PDAS renewed annually. Reports issued by PDAS to confirm compliance	No incidents	Not applicable	No incidents	Not applicable
Maintenance of old Pumping Stations	Contracts in place with Severn Trent Services (STS) to carry out regular site inspections on operation of the Pumping Stations	Ongoing maintenance contracts in place with STS. Renewed annually	No incidents	Not applicable	No incidents	Not applicable



Table 5. Planned additional measures for Foul Pumping Stations in 2026

Additional measures	Description of actions	Scale of actions in the next calendar year	Expected impact of the measure in the next calendar year (Category 1 to 3 incidents prevented)	Root causes addressed by the measure	Recent pollution incident performance issues identified in your DWMP	Implementation start date of the measure	Implementation completion date of the measure
Add the complete emptying and cleansing of each new Pumping Station wet well	Instruct PDAS to add cleaning and emptying of pump station wet wells to their contract	Annual emptying and cleaning of each pump station wet well added to PDAS contract	No impact expected	Not applicable	None	April 2026	April 2027 but ongoing
Add the complete emptying and cleansing of each old Pumping Station wet well	Instruct STS to add cleaning and emptying of pump station wet wells to their contract	Annual emptying and cleaning of each pump station wet well added to STS contract	No impact expected	Not applicable	None	April 2026	April 2027 but ongoing
Improve reporting by STS of maintenance operations at old Pumping Stations	Instruct STS to provide a report on each maintenance visit to each Pump station	Add maintenance reporting to STS contract for each pump station	No impact expected	Not applicable	None	April 2026	April 2027 but ongoing



Table 1. Frequency and seriousness of pollution incidents from Foul Rising Mains in 2025

For months without pollution incidents, enter 0 and for months with pollution incidents enter a number.

Month	Category 1 pollution incidents	Category 2 pollution incidents	Category 3 pollution incidents
January	0	0	0
February	0	0	0
March	0	0	0
April	0	0	0
May	0	0	0
June	0	0	0
July	0	0	0
August	0	0	0
September	0	0	0
October	0	0	0
November	0	0	0
December	0	0	0



Table 2. Cause of serious pollution incidents from Foul Rising Mains in 2025

Event number	Reported date and time	Location	Seriousness	Root cause
None				

Table 3. Causes of Category 3 pollution incidents from Foul Rising Mains in 2025

Insert a percentage figure for each root cause.

Root cause	Number of Category 3 pollution incidents	Proportion of Category 3 pollution incidents (%)
None		

Table 4. Measures taken to maintain Foul Rising Mains in 2025

Measure	Description of actions	Scale of action(s)	Impact of the measure (Category 1-3 incidents prevented)	Root cause(s) addressed by the measure	Recent pollution incident performance issues identified in the DWMP	Delivery status of the measure
Monitoring of new rising mains	New Pumping stations installed and maintained by PDAS have pressure measuring devices to warn if there are unexpected fluctuations in pumping pressure.	Contract placed with PDAS to continue the monitoring	No incidents	Not applicable	No incidents	Not applicable
Monitoring of new rising mains	Each maintenance visit by PDAS to check that pump pressure measuring is operational and accurate-based on pump characteristics and rising main design.	Check that PDAS are including pressure monitoring in their maintenance visits	No incidents	Not applicable	No incidents	Not applicable
Checking capacity of older/ existing rising mains	Each maintenance visit by Severn Trent Services (STS) to a pumping station will check that each pump is operational and the rising main is clearing the effluent	STS check that the effluent pumps are operating at the optimum electrical load. Excessive electrical load could indicate a pump problem or a rising main problem. Either issue would need to be investigated.	No incidents	Not applicable	No incidents	Not applicable

Table 5. Planned additional measures for Foul Rising Mains in 2026

Additional measures	Description of actions	Scale of actions in the next calendar year	Expected impact of the measure in the next calendar year (Category 1 to 3 incidents prevented)	Root causes addressed by the measure	Recent pollution incident performance issues identified in your DWMP	Implementation start date of the measure	Implementation completion date of the measure
Continue monitoring of new pump station/ rising mains	Ensure PDAS contract is in place and operational	Continue with current operational maintenance strategy	No impact expected	Not applicable	None	April 2026	April 2027 but ongoing
Check operation and cleaning of Air admittance valves (AAV) and washouts	Add checks onto PDAS scope of contract maintenance	Complete regular checks on AAV's and washouts	No impact expected	Not applicable	None	April 2026	April 2027 but ongoing
STS to implement measuring of pump performance against expected pump characteristics	Instruct STS to carry out annual checks of actual pump performance against calculated performance	STS to add pump performance checks to assess condition of rising main	No impact expected	Not applicable	None	April 2026	April 2027 but ongoing



Table 1. Frequency and seriousness of pollution incidents from Wastewater Treatment Works in 2025

For months without pollution incidents, enter 0 and for months with pollution incidents enter a number.

Month	Category 1 pollution incidents	Category 2 pollution incidents	Category 3 pollution incidents
January	0	0	0
February	0	0	0
March	0	0	0
April	0	0	0
May	0	0	0
June	0	0	0
July	0	0	0
August	0	0	0
September	0	0	0
October	0	0	0
November	0	0	0
December	0	0	0



Table 2. Cause of serious pollution incidents from Wastewater Treatment Works in 2025

Event number	Reported date and time	Location	Seriousness	Root cause
None				

Table 3. Causes of Category 3 pollution incidents from Wastewater Treatment Works in 2025

Insert a percentage figure for each root cause.

Root cause	Number of Category 3 pollution incidents	Proportion of Category 3 pollution incidents (%)
None		

Table 4. Measures taken to maintain Wastewater Treatment Works in 2025

Measure	Description of actions	Scale of action(s)	Impact of the measure (Category 1-3 incidents prevented)	Root cause(s) addressed by the measure	Recent pollution incident performance issues identified in the DWMP	Delivery status of the measure
Carry out load and flow monitoring of incoming effluent	Carry out a load and flow survey on a regular basis (approx. every 2 years) to measure current effluent load and to predict trend for when upgrades are required to the Sewage Treatment Plant (STW.)	Instruct BLBB Consulting to carry out flow and load survey in June 2027. Survey normally undertaken in June to achieve dry weather flows. Survey in 2026 deferred until 2027 due to extensive and current upgrade works.	No incidents	Not applicable	No incidents	Not applicable
Maintenance contract in place with Severn Trent services (STS) for operation of the STW.	Contract in place with STS for 3 No. visits / week to carry out maintenance, cleaning and effluent testing	Continue contract with STS for 3 No. visits/ week	No incidents	Not applicable	No incidents	Not applicable
Maintenance contract in place with Severn Trent services (STS) for operation of the STW.	Contract in place with STS to carry our required M and E checks and maintenance on the existing plant. STS to advise on plant condition, advise on any issues and arrange for repairs and replacements.	Continue contract with STS for M and E inspections, reporting and plant maintenance	No incidents	Not applicable	No incidents	Not applicable

Maintenance contract in place with Severn Trent services (STS) for operation of the STW.	Contract in place with STS to monitor sludge storage on the STW and arrange regular removal of sludge to a licenced facility.	Continue contract with STS for sludge monitoring and removal from the STW	No incidents	Not applicable	No incidents	Not applicable
Quarterly review meetings with County Water, STS and BLBB to review operational effectiveness	Quarterly meeting to assess STW performance over the preceding 3/6 months and to highlight any actions or improvements	Continue quarterly meetings with County Water, BLBB and STS	No incidents	Not applicable	No incidents	Not applicable
Quarterly review meetings with County Water, STS and BLBB to advise on works by external contractors which might impact on inflows and operations	County Water and BLBB to advise of works impacting the operation of the STW. i.e. Works on site, water supply disruption, power supply disruption.	Quarterly meeting with BLBB and STS to allow County water to advise of any planned operational issues.	No incidents	Not applicable	No incidents	Not applicable
Catchment Capacity Review	BLBB carry out an assessment of current influx to the STW based on house build occupations advised by the adjacent developers	Annually review increased capacity/ inflows based on housing completions and predictions for the forthcoming years and compare against measured flow and load calculations	No incidents	Not applicable	No incidents	Not applicable

Continuing review of capital investment to ensure planned upgrades to ensure compliance with EA Consent	Regular meetings between County Water and BLBB to assess operation and performance of the STW and to predict when further upgrades to capacity is required	County Water to report to their senior management when upgrades and Capital Investment is required	No incidents	Not applicable	No incidents	Not applicable
Add additional treatment capacity at the STW	Capital Investment secured to carry out design and installation of 2 No RBC units	2 No. RBC units installed in 2025 to make a significant increase in treatment capacity at the STW	No incidents	Not applicable	No incidents	Not applicable
Adding Phosphate removal plant at the STW following EA consent review in 2024	Capital Investment secured to carry out design and procurement of Chemical Dosing and Tertiary Treatment plant in 2025	New structure and equipment to carry out Chemical Dosing and a Tertiary Treatment Plant planned for install in 2026	No incidents	Not applicable	No incidents	Not applicable
Adding MCerts flow measuring at STW following EA consent review in 2024	Capital Investment secured to carry out design and procurement of MCerts flow measuring equipment in 2025	New structure and equipment to be able to install an MCerts measuring chamber planned for 2026	No incidents	Not applicable	No incidents	Not applicable
Upgrading of STW effluent testing facilities	Investment secured to upgrade the on site effluent testing facilities to accommodate the additional requirement for Phosphate testing and to ensure	Carry out upgrade works to on site testing facility for Phosphate testing	No incidents	Not applicable	No incidents	Not applicable

	compliance with the EA Discharge Consent.					
Upgrade Site Welfare facilities	Investment secured to upgrade the Site Welfare facilities. Refurbished toilet, refurbished Site office Cabin and addition of a drying room.	Works planned to generally improve the Site Welfare facilities for STP operators, contractors and visitors	No incidents	Not applicable	No incidents	Not applicable
Maintain operation of the Huber effluent inlet screen	Arrange for regular servicing by the manufacturer of the Huber screen	Arrange for servicing of the Huber screen on a regular basis- determined by operational hours of the screen	No incidents	Not applicable	No incidents	Not applicable
Alarms and Telemetry	Contract in place with Total Automated Solutions (TAS) to install, test and monitor alarms and information from the major plant items at the STW.	Continue contract with TAS and ensure that there is an annual end to end test of each alarm or information signals.	No incidents	Not applicable	No incidents	Not applicable
Appointment of Specialist Consultant Engineer to monitor performance and predict future requirements	BLBB appointed as retained Consultant Engineer to work with County Water management and to liaise with Severn Trent Services (STS)	BLBB to assess performance at the STW, advise on future additions/ improvements and co ordinate designs for any future works.	No incidents	Not applicable	No incidents	Not applicable
BLBB appointed as a Specialist Consulting Engineer with direct responsibility to	BLBB are directly appointed by County Water Directors and have a direct link to ensure	BLBB involvement with the operation of the STW, input into future designs and overview of implementation	No incidents	Not applicable	No incidents	Not applicable



County Water Directors	prompt and effective actions on any issues	to maintained as an ongoing agreement				
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Table 5. Planned additional measures for Wastewater Treatment Works in 2026

Additional measures	Description of actions	Scale of actions in the next calendar year	Expected impact of the measure in the next calendar year (Category 1 to 3 incidents prevented)	Root causes addressed by the measure	Recent pollution incident performance issues identified in your DWMP	Implementation start date of the measure	Implementation completion date of the measure
Add Phosphate Treatment plant to STW	Install Chemical Dosing system to main plant items	Plant to be installed and operational in May 2026	No impact expected	Not applicable	None	April 2026	April 2027 but ongoing
Add Phosphate Treatment plant to STW	Install Tertiary Treatment Plant to filter solids and reduce Phosphorous discharge to the stream – in line with the revised EA Consent	Plant to be installed and operational in August 2026	No impact expected	Not applicable	None	May 2026	April 2027 but ongoing
Add on site testing facility for Phosphate in final effluent	Improve testing building to allow a Phosphate testing set up.	New facility completed by May 2026	No impact expected	Not applicable	None	May 2026	April 2027 but ongoing

Induct and train STS operatives on method and reporting of on site Phosphate testing	BLBB to arrange for procurement of testing equipment and to train STS operatives	Training throughout May to September 2026	No impact expected	Not applicable	None	May 2026	
Carry out annual review of STW capacity and predict future requirements	BLBB to review STW capacity and actual and predicted housing completions	Review to predict future Capital Investment requirements	No impact expected	Not applicable	None	July 2026	
Improve Site welfare facilities	County Water to instruct upgrades to toilets and offices	Upgrades to be completed by February 2026	No impact expected	Not applicable	None	February 2026	
Add MCerts flow measurement to final effluent discharge	New structure with certified flume and a calibrated measuring system to be installed	Construct new enclosure, install grp flume and arrange the MCerts calibration of effluent discharge flows	No impact expected	Not applicable	None	July 2026	
Add telemetry and alarms to the new plant items at the STW	Install alarms and monitoring on the key plant items for early warning of any issues with operation of the STW	Add alarm links to new Chemical Dosing, MCerts and Tertiary Treatment Plant	No impact expected	Not applicable	None	August 2026	



Table 6. Success or failure in implementing the measures planned in 2026 for Wastewater Treatment Works

Measures	Description of action(s)	Scale of action(s)	Planned implementation start date of the measure	Planned implementation completion date of the measure	Extent of implementation planned or achieved at the end of previous calendar year	Position of implementation at the end of previous calendar year	Explanation	How to avoid repeat failure
Not applicable for 2026								